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Seabrook Station

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U. S. Nuclear Regulatory Commission
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Seabrook Station
2006 Annual Radiological Environmental Operating Report


Pursuant to the requirements of 10CFR 50.36a(a)(2) and Seabrook Station Technical Specification 6.8.1.3, FPL Energy Seabrook, LLC submits the 2006 Annual Radiological Environmental Operating Report. The report summarizes the implementation of the FPL Energy Seabrook, LLC Radiological Environmental Monitoring Program (REMP). Attachment 1 to the report is the complete data set for the REMP samples.

A copy of this report is also being provided to the Commonwealth of Massachusetts, Department of Public Health and the State of New Hampshire, Bureau of Radiological Health.

Should you require further information regarding this matter, please contact Mr. Ron Thurlow, Health Physics Department Manager, at (603) 773-7438.

Very truly yours,

FPL Energy Seabrook, LLC


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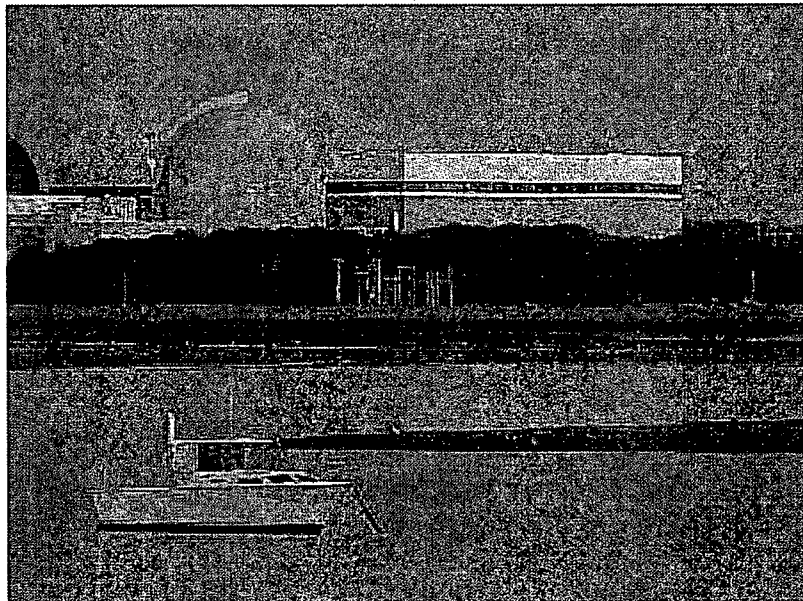
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Seabrook Station

2006 Annual
Radiological Environmental
Operating Report



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SEABROOK STATION
ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

For the Period
January - December 2006

Docket No. 50-443

Prepared By:

FPL Energy Seabrook Station
Health Physics Department
Seabrook Station

And

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Executive Summary

The Radiological Environmental Monitoring Program (REMP) for Seabrook Station operated successfully for the period of January through December 2006. This report describes the REMP and its implementation as required by Technical Specifications and defined in the Offsite Dose Calculation Manual (ODCM). It also contains analytical results, data evaluation, dose assessment, and data trends for each environmental sample media. Also included are the results of the Land Use Census, historical data, and the AREVA NP ENVIRONMENTAL LABORATORY (E-Lab) performance in the Quality Assurance Intercomparison Program required by the ODCM.

Radioactivity levels in the vicinity of Seabrook Station from January 1 through December 31, 2006 in air, water, sediment, milk, fish, food crops, vegetation and direct radiation measurement have been analyzed, evaluated, and summarized. The results of the REMP are intended to supplement the results of the radiological effluent monitoring by verifying that the measurable concentration of radioactive materials and levels of radiation are not higher than expected on the basis of the effluent measurement and modeling of the environmental exposure pathways.

Radiation and radioactivity in the environment is monitored within a 10-mile radius of the site. Two types of samples are taken. The first type, control samples, are collected from areas that are beyond measurable influence of Seabrook Station. These samples are used as reference data. Normal background radiation levels, or radiation present due to causes other than Seabrook Station, can thus be compared to the environment surrounding the nuclear power station. Indicator samples are the second sample type obtained. These samples show how much radiation or radioactivity is contributed to the environment by the site. Indicator samples are taken from areas close to the station where any plant contribution will be at the highest concentration. The ODCM minimum-required REMP includes the collection of 568 samples per year, with a total of 2768 individual measurement analyses. In 2006, the total number of collected samples (required plus extra or special) equaled 774 taken from 87 different locations around Seabrook Station. These included aquatic, atmospheric, and terrestrial environments. An estimated 6816 individual measurement analyses were performed on these samples. The environmental program for 2006 is outlined in Table 2.1.

Prior to station operation, samples were collected and analyzed to determine the amount of radioactivity present in the area. The resulting values are used as a "pre-operational baseline." Current analysis results from the indicator samples are compared to both current control sample values and the pre-operational baseline to determine if changes in radioactivity levels are attributable to station operations.

A report is required to be submitted to the Nuclear Regulatory Commission when the level of radioactivity in an environmental sampling medium exceeds the limits specified in the Offsite Dose Calculation Manual (ODCM) when averaged over any calendar quarter. Also, when more than one of the radionuclides is detected in the sampling medium, this report shall be submitted if:

$$\frac{\text{Concentration (1)}}{\text{Limit Level (1)}} + \frac{\text{Concentration (2)}}{\text{Limit Level (2)}} + \dots \geq 1.0$$

Based on the analytical results of environmental samples during 2006, Seabrook Station reporting levels were not exceeded.

Radioactivity detected was attributable to naturally occurring radionuclides, previous nuclear weapons tests and other man-made sources.

In 2006, the maximum whole body dose to the hypothetically exposed individual was 0.0456 millirem. This whole body dose is the sum of all the exposure pathways for liquid and gaseous effluents, plus the direct whole body dose from station operations. This total represents approximately 0.18% of the whole body dose limits for a member of the public as set forth in 40CFR190.

The average person in the United States receives about 360 mrem/yr (0.36 rem/yr) from natural background and man-made radiation sources (NCRP Report No. 93. "Ionizing Radiation Exposure of the Population of the United States" (1987)). This estimate for natural background was revised from about 100 to 300 mrem because of the inclusion of radon gas which has always been present but was not previously included in the calculations. In some regions of the country, the amount of natural radiation is significantly higher. Residents of Colorado, for example, receive an additional 60 mrem/yr due to the increase in cosmic and terrestrial radiation levels. In fact, for every 100 feet above sea level, a person will receive an additional 1 mrem/yr from cosmic radiation. In several regions of the world, naturally high concentrations of uranium and radium deposits result in doses of several thousand mrem/yr to their residents (CRC Handbook. "Radioecology: Nuclear Energy and the Environment." F. Ward Whicker and Vincent Schultz, Volume I, 1982).

Analytical results are divided into four ODCM required categories based on exposure pathways: Airborne, direct radiation, ingestion, and waterborne. Each of these pathways is described below:

- The airborne exposure pathway includes airborne iodine and airborne particulate. The 2006 results were similar to previous years. There was no notable increase in natural products and no detectable fission products or other radionuclides in the airborne particulate media during the year.
- The direct exposure pathway measures environmental radiation doses by use of thermoluminescent dosimeters (TLDs). TLD results have indicated a stable trend and compare well with previous years. No detectable radiation contribution from Seabrook Station sources were identified via TLD environmental measurements off-site during the course of 2006.
- The ingestion exposure pathway includes milk, fish and food products (leafy vegetation) samples. The gamma spectroscopy counting indicated positive results for potassium-40 (K-40) at average environmental levels. There were three positive Cs-137 measurements (maximum at approximately 3 times the MDC) in goat's milk collected from two farms in the site area. No other terrestrial samples or records of release indicate that Seabrook was the source of the radioactivity. The low level of detected cesium is likely the result of past weapons testing fallout that has been incorporated in feeding pathways for the goats.
- The waterborne exposure pathway includes surface (ocean) water, drinking water supply, shallow well water, sea algae (Irish Moss) and sediment. Water samples were analyzed for tritium, gross-beta and gamma-emitting radionuclides. Irish Moss was analyzed for gamma-emitting radionuclides. Tritium was not identified in the samples analyzed. For groundwater, the gross beta activity seen at both locations is similar to what was seen in the pre-operational program and is consistent with results from previous years of commercial operations. Gamma analysis of samples indicated no plant-related gamma-emitting radionuclides above detection limits, with one exception. Iodine -131 was detected in one control sample (17.4 Km distance from the Station). An evaluation of the sample concluded that the low level of I-131 was unlikely to be related to Seabrook due to the distance (water borne dilution) and lack of any indication that Seabrook had released any significant I-131 in liquids during the period.

The results of the 2006 Radiological Environmental Monitoring Program continues to clearly demonstrate that there is no significant short term or chronic long-term radiological impact on the environment in the vicinity of Seabrook Station from plant operations. No abnormal radiological characteristics were identified or observed in the surrounding environs. Plant effluents contribute no measurable radiation exposure to the general public as confirmed and assessed by the REMP. Environmental radiation levels measured at the site boundary and near the nearest resident are at background levels. This is consistent with previous data. As a result, no increasing or decreasing trends were identified.

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ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

1.0 Introduction

FPL Energy Seabrook, LLC's Radiological Environmental Monitoring Program (REMP) at Seabrook Station has been designed and carried out to achieve the following specific objectives:

- To provide an indication of the appearance or accumulation of any radioactive material in the environment caused by the operation of the nuclear power station.
- To provide assurance to regulatory agencies and the public that the station's environmental impact is known and within anticipated limits.
- To verify the adequacy and proper functioning of station effluent controls and monitoring systems.
- To provide standby monitoring capability for rapid assessment of risk to the general public in the event of unanticipated or accidental releases of radioactive material.

FPL Energy Seabrook, LLC collected the terrestrial samples. Normandeau Associates, Inc. collected the marine and sediment samples. After initial processing, the samples were sent to the AREVA NP Environmental Laboratory in Marlborough, Massachusetts for further processing and radionuclide analysis. AREVA NP also processed the environmental thermoluminescent dosimeters (TLD's).

This report is a summary of the findings of the Radiological Environmental Monitoring Program for 2006. It is being provided in compliance with Part A of Seabrook Stations Offsite Dose Calculation Manual (ODCM) and Technical Specification 6.8.1.3.

2.0 Environmental Monitoring Program

Table 2.1 outlines the monitoring program as specified in the Seabrook Station ODCM, Part B, Section 4. Table 2.2 lists the operational sampling stations and their specific locations (distances are measured from the center of the Unit 1 Containment Building). The sampling locations are shown on maps in Figures 2.1 through 2.6. The sampling and analysis program as described above fulfills the minimum requirements for environmental sample collection and analysis as contained in the ODCM Table A.9.1-1, and includes additional sampling of various pathways and locations beyond the minimum.

Below are listed the two-letter media codes and what they represent:

AP	Air Particulate
CF	Charcoal Filter
TM	Milk
WG	Ground Water
WS	Surface (Sea) Water
SE	Sediment
FH	Fin fish
HA	Lobsters
MU	Mussels (Shellfish – edible portion only)
MS	Mussels (Shellfish – shell portion only)
TL	Direct Radiation (TLD)
AL	Irish Moss (algae)
TF	Food Crop
TG	Vegetation

Table 2.1

Radiological Environmental Monitoring Program

<u>Media</u>	<u>Sampling Frequency</u>	<u>Required Analyses</u>
Air Particulate (AP)	-Bi-Weekly -Quarterly Composite	Gross Beta Gamma spectroscopy
Charcoal Filter (CF)	-Bi-Weekly	I-131
Milk (TM)	-Monthly (Semimonthly When animals are on pasture)	Gamma spectroscopy I-131
Surface (Sea) Water (WS)	-Monthly -Quarterly Composite	Gamma spectroscopy H-3 (composite)
Sediment (SE)	-Semiannually	Gamma spectroscopy
Fish & Invertebrates (FH, HA, MU)	-Quarterly or -Semiannually	Gamma spectroscopy
Direct Radiation (TL)	-Quarterly	Integrated gamma exposure
Irish Moss (AL)	-Semiannually	Gamma Spectroscopy
Ground Water (WG)	-Quarterly	Gamma Spectroscopy Gross Beta H-3
Food Crops (TF)	-Monthly/Growing Season	Gamma Spectroscopy
Vegetation (TG)	-Monthly/Growing Season	Gamma Spectroscopy I-131

Table 2.2

Radiological Environmental Monitoring Locations
2006

Station Code (Media - Sta. No.)	Station Description	Zone	Distance	
			From Plant (km)	Direction From Plant
AP/CF-01+	PSNH Barge Landing Area	1	2.6	ESE
AP/CF-02+	Hampton Marina	1	2.5	E
AP/CF-03+	Southwest Boundary	1	1.0	SW
AP/CF-04+	West Boundary	1	1.2	W
AP/CF-05	Winnacunnet High School	1	4.0	NNE
AP/CF-07+	PSNH Substation	1	5.7	NNW
AP/CF-08	E&H Substation	1	3.4	SSE
AP/CF-09+	Georgetown Electric Light Co.	2	21.4	SSW
TM-09	Hampton, NH	1	5.3	NNW
TM-15	Hampton Falls, NH	1	6.9	NW
TM-20	Rowley, MA	2	17.0	S
TM-23	Newbury, MA	2	12.0	S
TM-24	North Hampton, NH	1	8.1	NNE
WG-01	Seabrook Town Wells	1	5.6	W
WG-13	Seabrook Station Well No.13	1	1.0	N
WG-14	Brimmer Lane	1	1.3	NNW
WS-01+	Hampton-Discharge Area	1	5.3	E
WS-51+	Ipswich Bay	2	16.9	SSE
WS-02	Seabrook Marsh	1	0.1	SSE
SE-02	Hampton-Discharge Area	1	5.3	E
SE-07	Hampton Beach	1	3.1	E
SE-08+	Seabrook Beach	1	3.2	ESE
SE-52	Ipswich Bay	1	16.9	SSE
SE-57	Plum Island Beach	2	15.9	SSE
FH-03+	Hampton-Discharge Area	1	4.5	ESE
FH-53+	Ipswich Bay	2	16.4	SSE
HA-04+	Hampton-Discharge Area	1	5.5	E
HA-54+	Ipswich	2	17.2	SSE
MU-06+	Hampton-Discharge Area	1	5.2	E
MU-09	Hampton Harbor	1	2.6	E
MU-56+	Ipswich Bay	2	17.4	SSE
MU-59	Plum Island	2	15.8	SSE
MS-06	Hampton-Discharge Area	1	5.2	E
MS-56	Ipswich Bay	2	17.4	SSE
AL-05	Hampton-Discharge Area	1	5.2	E
AL-55	Ipswich Bay	2	17.4	SSE
TF-02	Hampton Falls, NH	1	5.0	WNW
TF-03	Salisbury, Ma	1	5.1	SW
TF-06	Ipswich, Ma	2	26.0	S

Table 2.2 (Cont'd)

Radiological Environmental Monitoring Locations
2006

Station Code (Media - Sta. No.)	Station Description	Zone	Distance	
			From Plant (km)	Direction From Plant
TG-08+	North Access Rd, Site Boundary	1	1.05	W
TG-09+	General Office Bld. Site Boundary	1	0.94	SW
TG-10+	Georgetown Electric Light Co.	2	21.4	SSW
TL-1+	Brimmer's Lane, Hampton Falls	1	1.0	N
TL-2+	Landing Road, Hampton	1	3.0	NNE
TL-3+	Glade Path, Hampton Beach	1	2.9	NE
TL-4+	Island Path, Hampton Beach	1	2.3	ENE
TL-5+	Harbor Road, Hampton Beach	1	2.6	E
TL-6+	PSNH Barge Landing Area	1	2.7	ESE
TL-7+	Cross Road, Seabrook Beach	1	2.6	SE
TL-8+	Farm Lane, Seabrook	1	1.3	SSE
TL-9+	Farm Lane, Seabrook	1	1.3	S
TL-10+	Site Boundary Fence	1	1.2	SSW
TL-11+	Site Boundary Fence	1	1.0	SW
TL-12+	Site Boundary Fence	1	1.2	WSW
TL-13+	Inside Site Boundary	1	1.2	W
TL-14+	Trailer Park, Seabrook	1	1.1	WNW
TL-15+	Brimmer's Lane, Hampton Falls	1	1.3	NW
TL-16+	Brimmer's Lane Hampton Falls	1	1.2	NNW
TL-17+	South Road, North Hampton	0	7.8	N
TL-18+	Mill Road, North Hampton	0	7.6	NNE
TL-19+	Appledore Avenue, North Hampton	0	7.7	NE
TL-20+	Ashworth Avenue, Hampton Beach	0	3.2	ENE
TL-21+	Route 1A, Seabrook Beach	0	3.7	SE
TL-22+	Cable Avenue, Salisbury Beach	0	7.6	SSE
TL-23+	Ferry Road, Salisbury	0	8.1	S
TL-24+	Ferry Lots Lane, Salisbury	0	7.2	SSW
TL-25+	Elm Street, Amesbury	0	7.6	SW
TL-26+	Route 107A, Amesbury	0	8.1	WSW
TL-27+	Highland St. S. Hampton	0	7.5	W
TL-28+	Rte. 150, Kensington	0	7.5	WNW
TL-29+	Frying Pan Ln., Hampton Falls	0	7.2	NW
TL-30+	Route 27, Hampton	0	7.6	NNW

Table 2.2 (Cont'd)

Radiological Environmental Monitoring Locations
2006

<u>Station Code</u> <u>(Media - Sta. No.)</u>	<u>Station</u> <u>Description</u>	<u>Zone</u>	<u>Distance</u>	
			<u>From</u> <u>Plant</u> <u>(km)</u>	<u>Direction</u> <u>From</u> <u>Plant</u>
TL-31+	Alumni Drive, Hampton	S	3.8	NNE
TL-32+	Seabrook Elementary School	S	2.0	S
TL-33+	Dock Area, Newburyport	S	9.8	S
TL-34+	Bow Street, Exeter	S	12.0	NW
TL-35+	Lincoln Ackerman School	S	2.3	NNW
TL-36+	Route 97, Georgetown	2	22.6	SSW
TL-37+	Post Office Plaistow, NH	2	21.5	WSW
TL-38+	Emerson St. Hampstead, NH	2	27.7	W
TL-39+	Fremont, NH	2	27.0	NW
TL-40+	Newmarket, NH	2	21.6	NNW
TL-41	Portsmouth, NH	2	21.0	NNE
TL-42	Ipswich, MA	2	22.8	SSE
TL-43	Education Center	S	0.3	ENE
TL-44	Rocks Road Landing	S	0.6	SW
TL-45	Hampton Fire Station	S	4.4	NE
TL-46	Seabrook Beach	S	2.8	ESE
TL-47	Hampton Falls, NH	S	4.1	WNW

Zone indices are: 1 = Indicator Stations; 2 = Control Stations; 0 = Outer Ring TLD;
 I = Inner Ring TLD; S = Special Interest TLD
 + = Sample Locations required by the Off-Site Dose Calculation Manual (ODCM)

Figure 2.1 Radiological Environmental Monitoring Locations Within 4 Kilometers of Seabrook Station

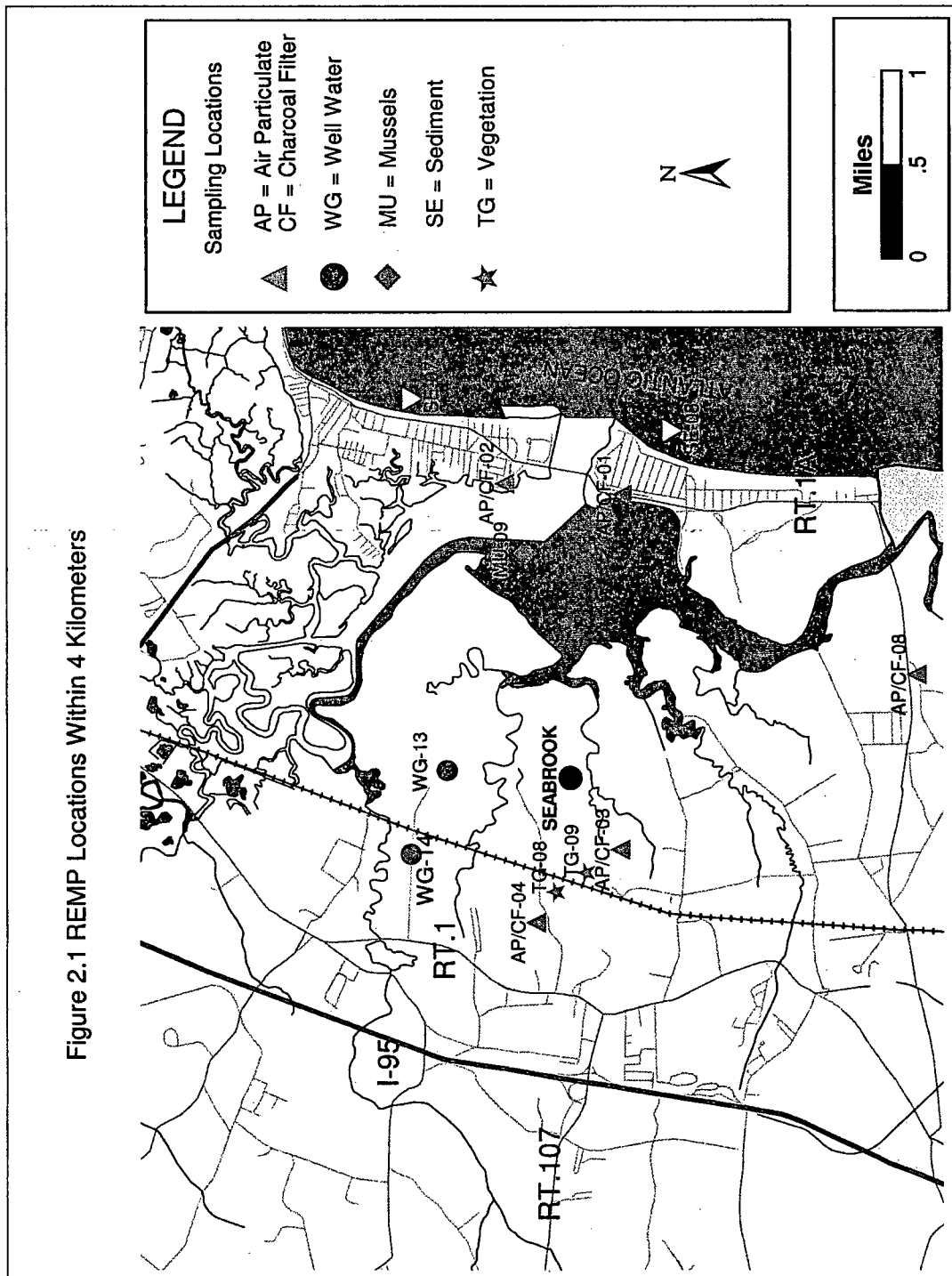


Figure 2.1 REMP Locations Within 4 Kilometers

Figure 2.2 Radiological Environmental Monitoring Locations Between 4 & 12 Kilometers of Seabrook Station

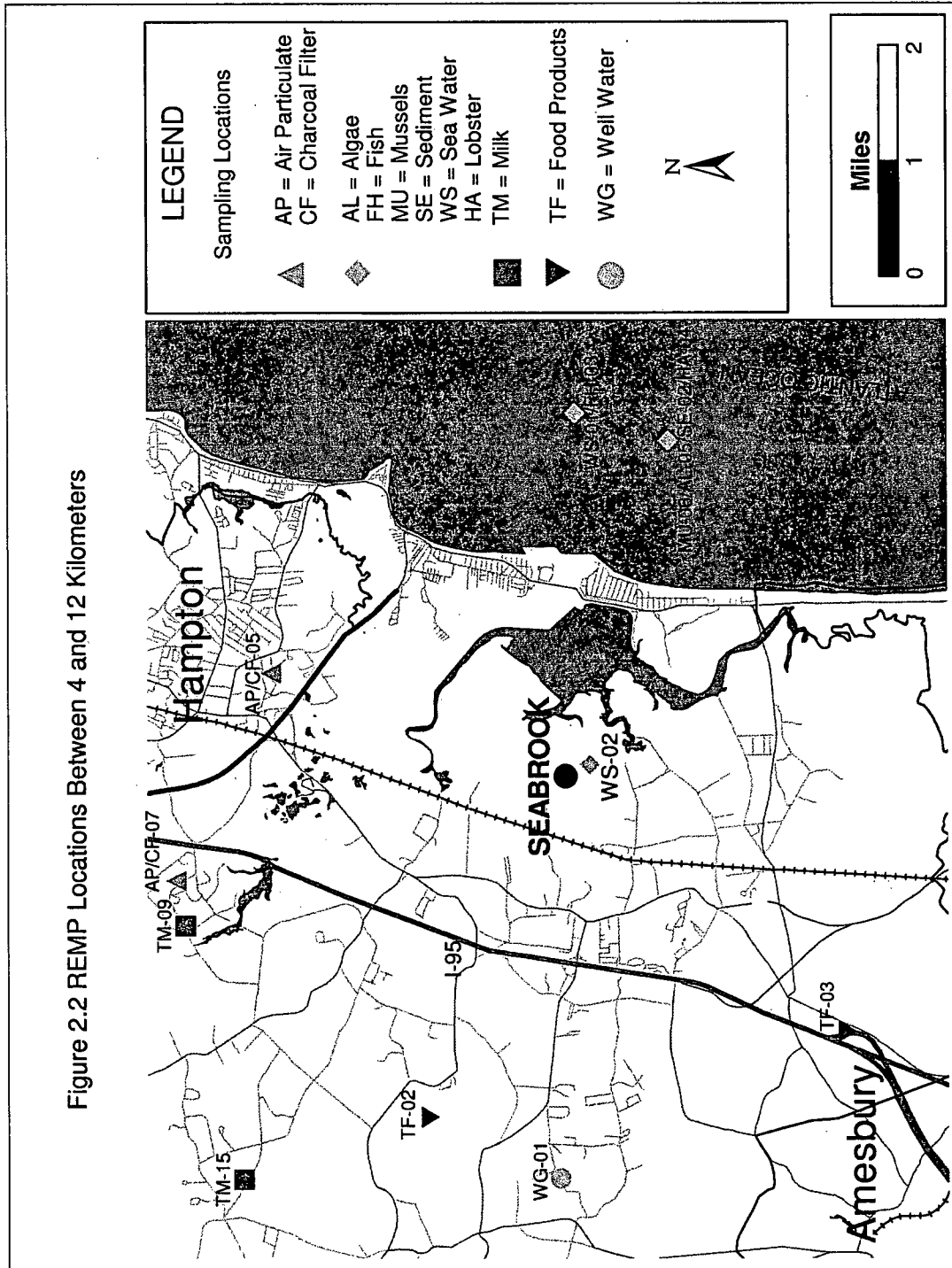


Figure 2.3 Radiological Environmental Monitoring Locations Outside 12 Kilometers of Seabrook Station

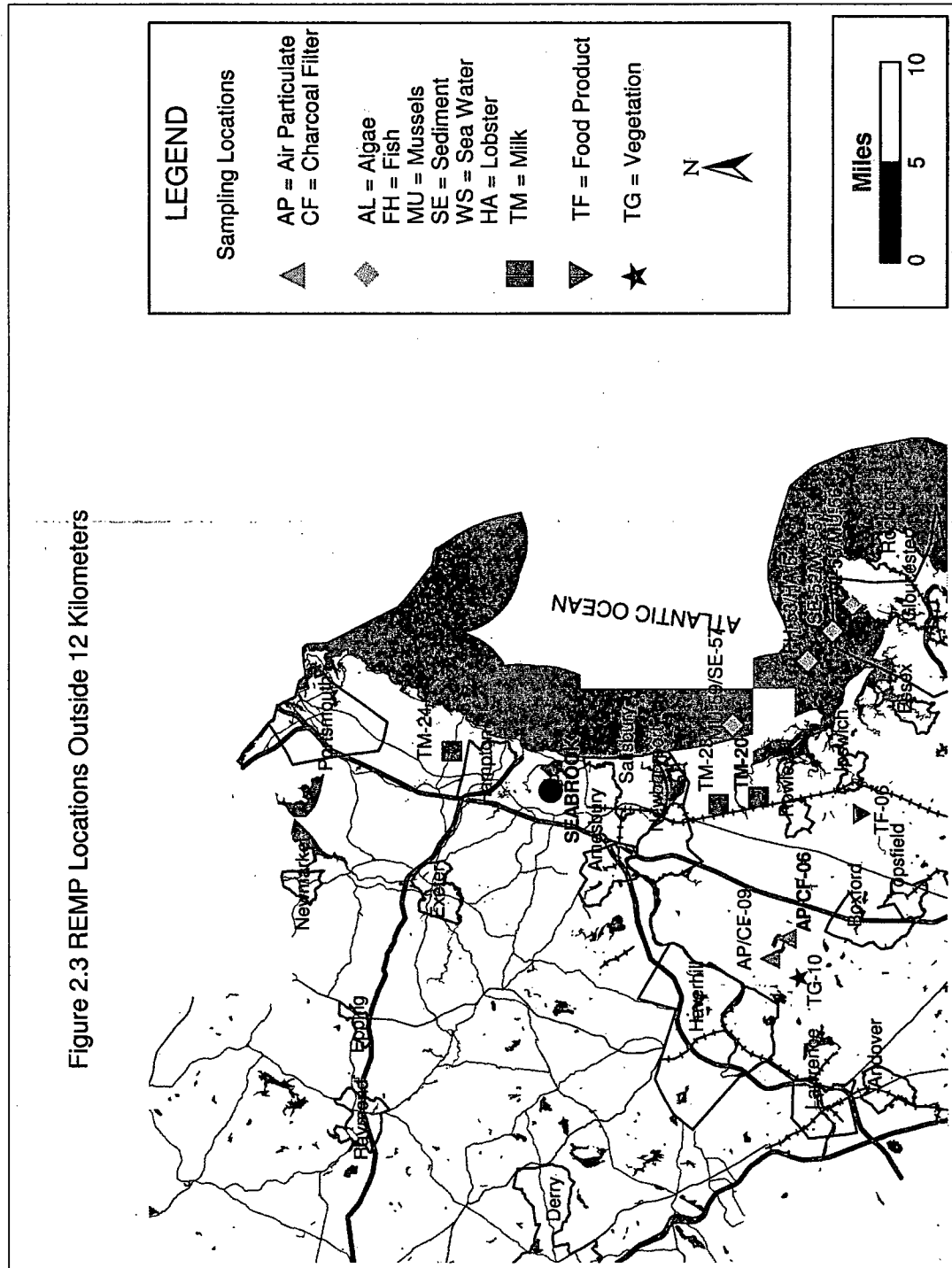


Figure 2.3 REMP Locations Outside 12 Kilometers

Figure 2.4 Direct Radiation Monitoring Locations Within 4 Kilometers of Seabrook Station

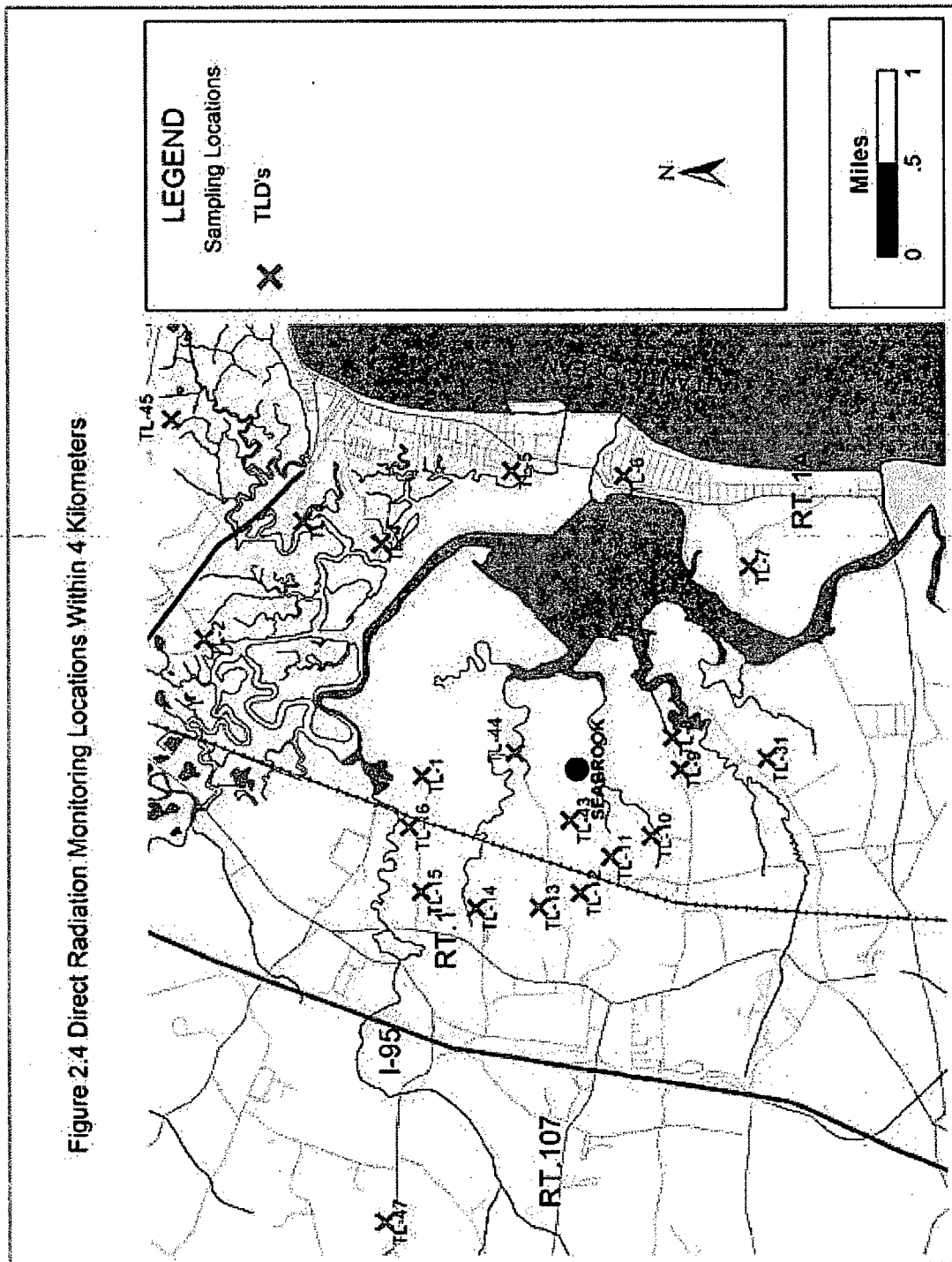


Figure 2.5 Direct Radiation Monitoring Locations Between 4 & 12 Kilometers of Seabrook Station

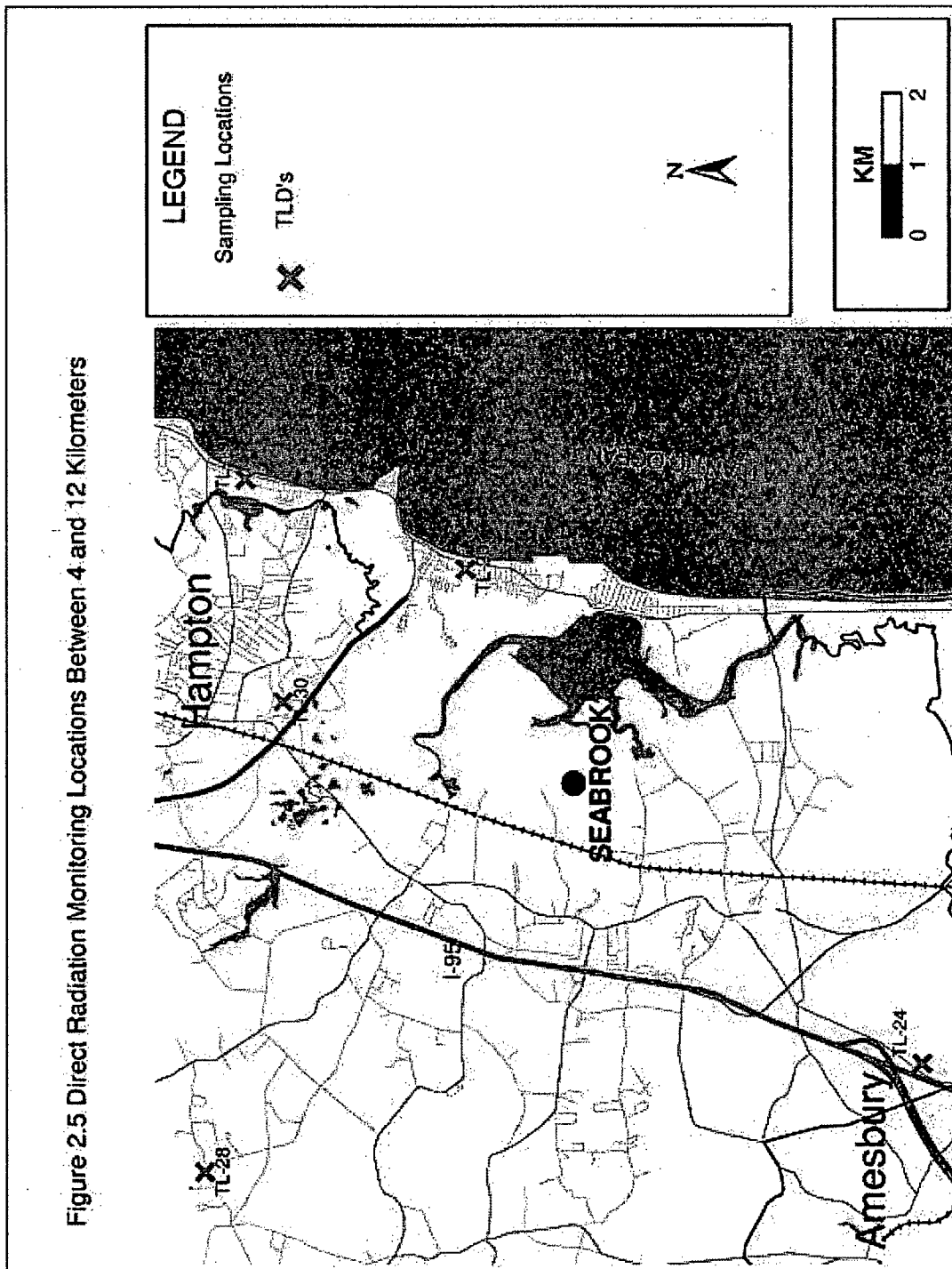
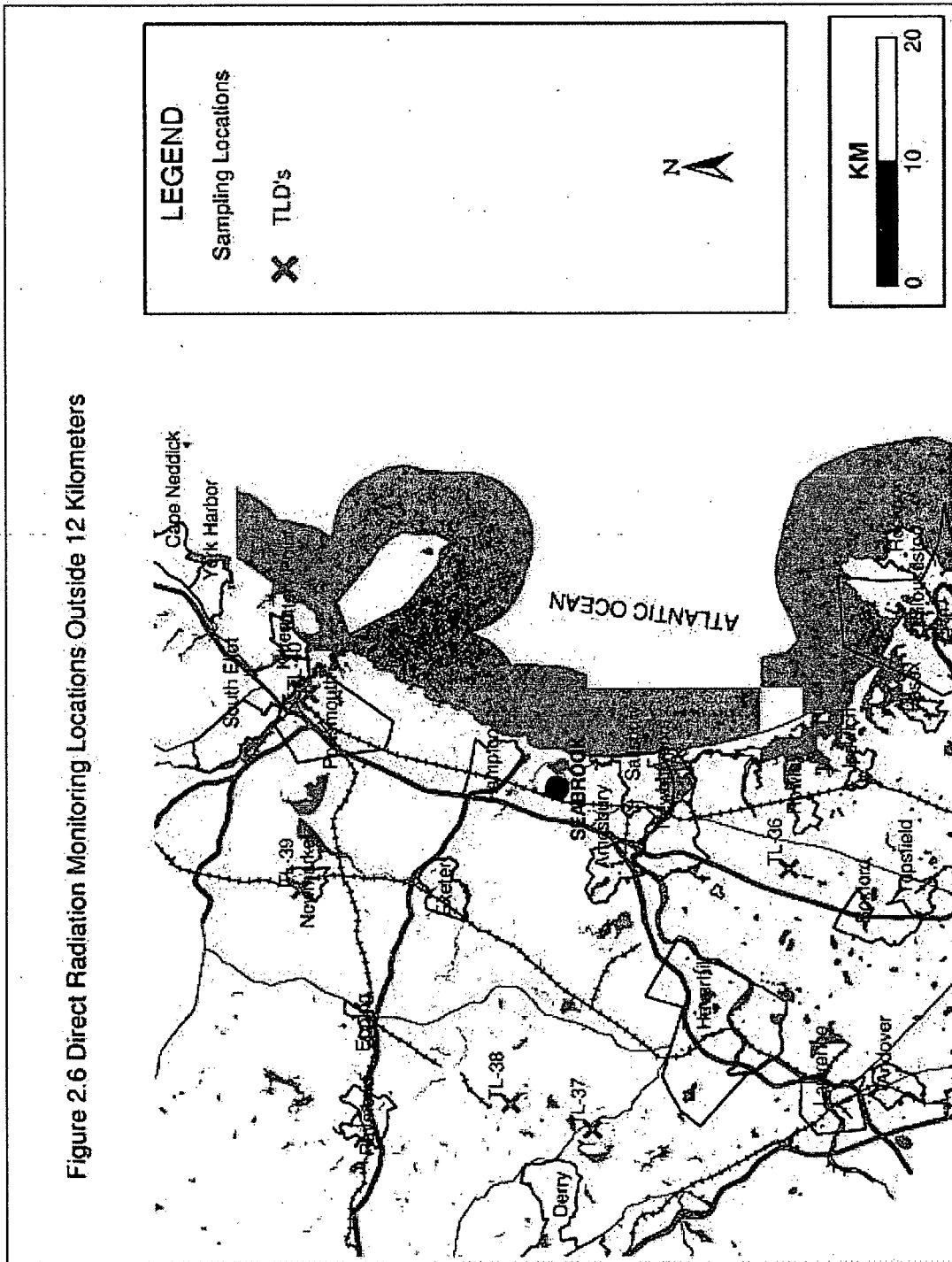


Figure 2.5 Direct Radiation Monitoring Locations Between 4 and 12 Kilometers

Figure 2.6 Direct Radiation Monitoring Locations Outside 12 Kilometers of Seabrook Station



3.0 Summary of Radiological Environmental Data

The following pages summarize the analytical results of the environmental samples, which were collected in 2006. Each environmental media category is presented as a separate subsection. A table that summarizes the data follows a discussion of the sampling requirements and results for each media type. Listed at the top of each table are the units of measurement for each medium. The left-hand column contains the radionuclide which is being reported, total number of analyses of that radionuclide, and the number of measurements that exceed the required reporting level as documented in Table A.9.1-3 of the ODCM. The latter are classified as "non-routine" measurements. The next column lists the Lower Limit of Detection (LLD) for those radionuclides that have detection capability requirements specified in the ODCM.

Those sampling stations which are adjacent to the plant and which could conceivably be affected by the operation of Seabrook Station are called "Indicator" or "Zone 1" stations. Distant stations, which are beyond potential plant influences, are called "Control" or "Zone 2" stations. Direct radiation (TLD) monitoring locations are subdivided into site boundary, inner ring, and outer ring (emergency response) stations.

A set of statistical parameters is calculated for each radionuclide. This set of statistical parameters includes separate analyses for (1) the indicator stations, (2) the station having the highest annual mean concentration for that radionuclide, (3) and control stations. For each of these three groups of data, these parameters are as follows:

- The mean value of all concentrations.
- The range of values.
- The number of positive measurements (a concentration which is greater than 3 times the standard deviation for that measurement) divided by the total number of measurements.

Each single radioactivity measurement in media datum in this report is based on a single measurement and is reported as a concentration plus or minus a one standard deviation uncertainty. The quoted uncertainty term represents only the random uncertainty associated with the radioactive decay process (counting statistics), and not the propagation of all possible uncertainties in the analytical procedure.

Attachment 1 contains the data for the samples collected in 2006. The results are organized by sample type, within each sample type listing the data are alphabetical by nuclide, and within each nuclide listing the data are chronologically arranged by end date (date of sample collection).

The radionuclide value concentrations have been corrected for radioactive decay to the end of the collection. The airborne radioiodine (charcoal) concentrations have been calculated assuming a constant flow rate and concentration throughout the collection period and corrected for decay while sampling as well as between sample collection termination and analysis.

3.1 Air Particulate

Air monitoring stations were established at a total of eight locations. Seven of the locations are indicators, while the remaining one is a control station.

Airborne particulate (AP) is collected by passing the air through a glass-fiber filter. In 2006, these filters were collected bi-weekly and held for at least 100 hours before being analyzed for gross-beta activity (indicated as GR-B in tables) to allow for the decay of radon daughter products. The change from a standard weekly to a biweekly filter change out cycle was implemented in 2005 for all air particulate stations as a result of equipment / procedure upgrades that were designed to reduce potential system down time due to equipment failure. Continuous automated and real-time remote monitoring of vital system parameters is performed with telemetry that detects power outage, pump failure, filter degradation, tubing failures and excessive filter loading. The telemetry communicates by cellular transmission to a web server that communicates to a shift technician's pager when set-point thresholds are reached, providing 24/7 alert notification. This capability provides for timely identification of problems and corrective actions that reduce the potential loss of air sampling. All eight sample stations used a biweekly filter change out cycle in 2006.

For the year, 201 particulate filters were collected bi-weekly (with one exception) and analyzed for gross beta activity. During August, telemetry information indicated that dust loading at one site boundary location was causing an increase in air flow differential pressure. The normal bi-weekly collection cycle was changed to a weekly filter change-out at AP-03 for two weeks until environmental conditions allowed the normal bi-weekly cycle to be resumed.

The 2006 gross beta activity analyses for the indicator locations was found to be statistically equivalent to that seen at the control station. The gross beta results for all stations are also similar to what was seen in the pre-operational program and for the last fifteen years of commercial operation. Fluctuations seen in the gross beta activity throughout the year can be attributed to changes in the environment. Natural environmental processes such as wind direction, precipitation, snow cover, and soil temperature and moisture affect concentrations of naturally occurring radionuclides in the atmosphere directly above land.

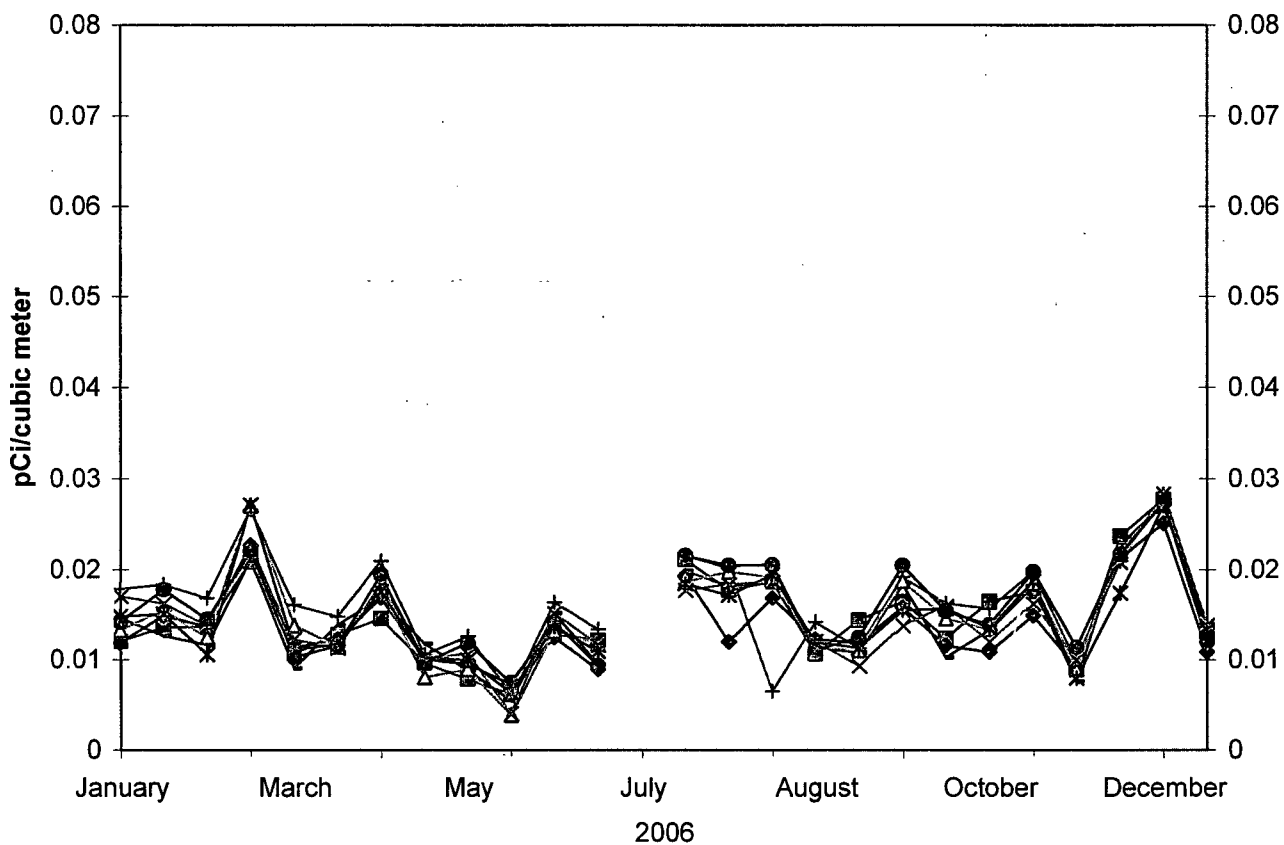
No plant related gamma-emitting radionuclides were detected in any of the quarterly composite air filter samples analyzed. Therefore, no increasing or decreasing trends were observed. In 2006, naturally occurring Be-7 was the only nuclide detected. Be-7 is of cosmogenic origin. This is consistent with previous years both pre- and post-operationally.

The air particulate sampling program demonstrated no off-site dose to the public or impact to the environment, from this pathway, as the result of plant operations. This is consistent with previous years and the pre-operational program.

Air particulate sample collection and analysis deviations from the ODCM required program are described in Section 4. A total of nine deviations were recorded for interruptions in continuous air sampler operation which were detected by telemetry. Five of the interruptions were the result of loss of supply line power to the units which were corrected when power was restored. Four of the interruptions were associated with blown pump fuses or failed GFI outlets. In addition to power related failure, a bi-weekly set of AP filters was accidentally discarded with packaging materials at the vendor laboratory in July, causing a break in the continuous gross beta record as illustrated on Figure 3.1.

FIGURE 3.1

**GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS
SEABROOK STATION**



- AP-01 Barge Landing Area
- ◆— AP-02 Hampton Marina
- +— AP-03 SW Boundary
- — AP-04 W Boundary
- △— AP-05 Winnacunnet High School
- ×— AP-09 Georgetown (Control)
- *— AP-07 PSNH Substation, Hampton
- AP-08 Exeter & Hampton Electric Co.

FIGURE 3.1.1

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION

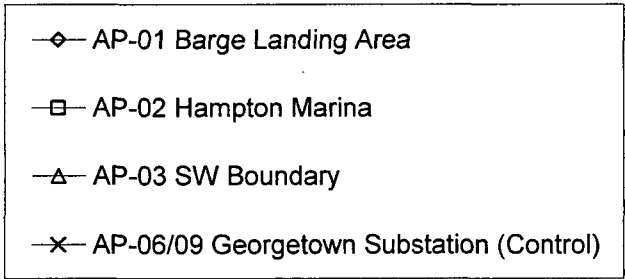
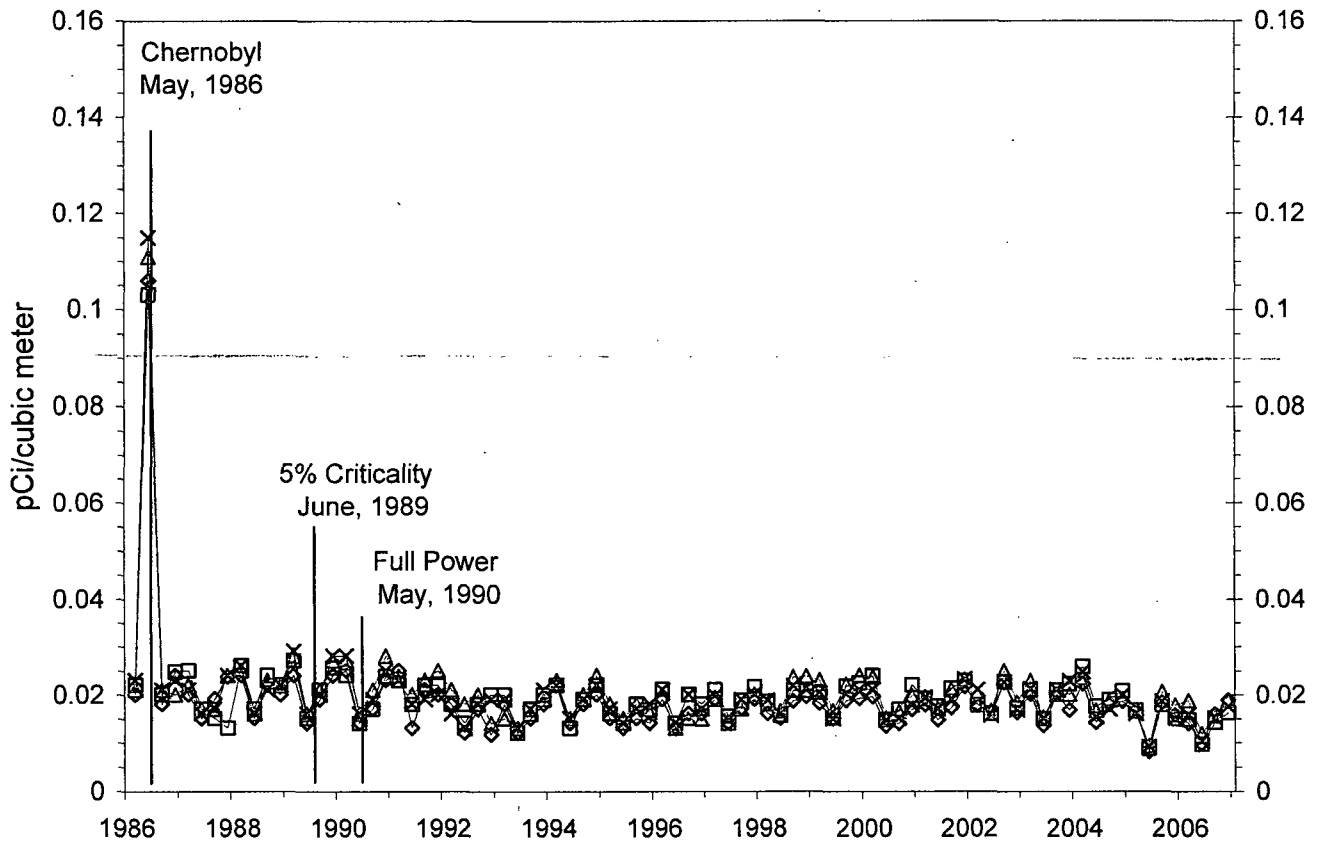


FIGURE 3.1.2

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION

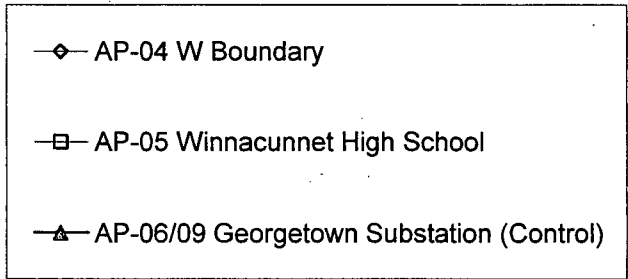
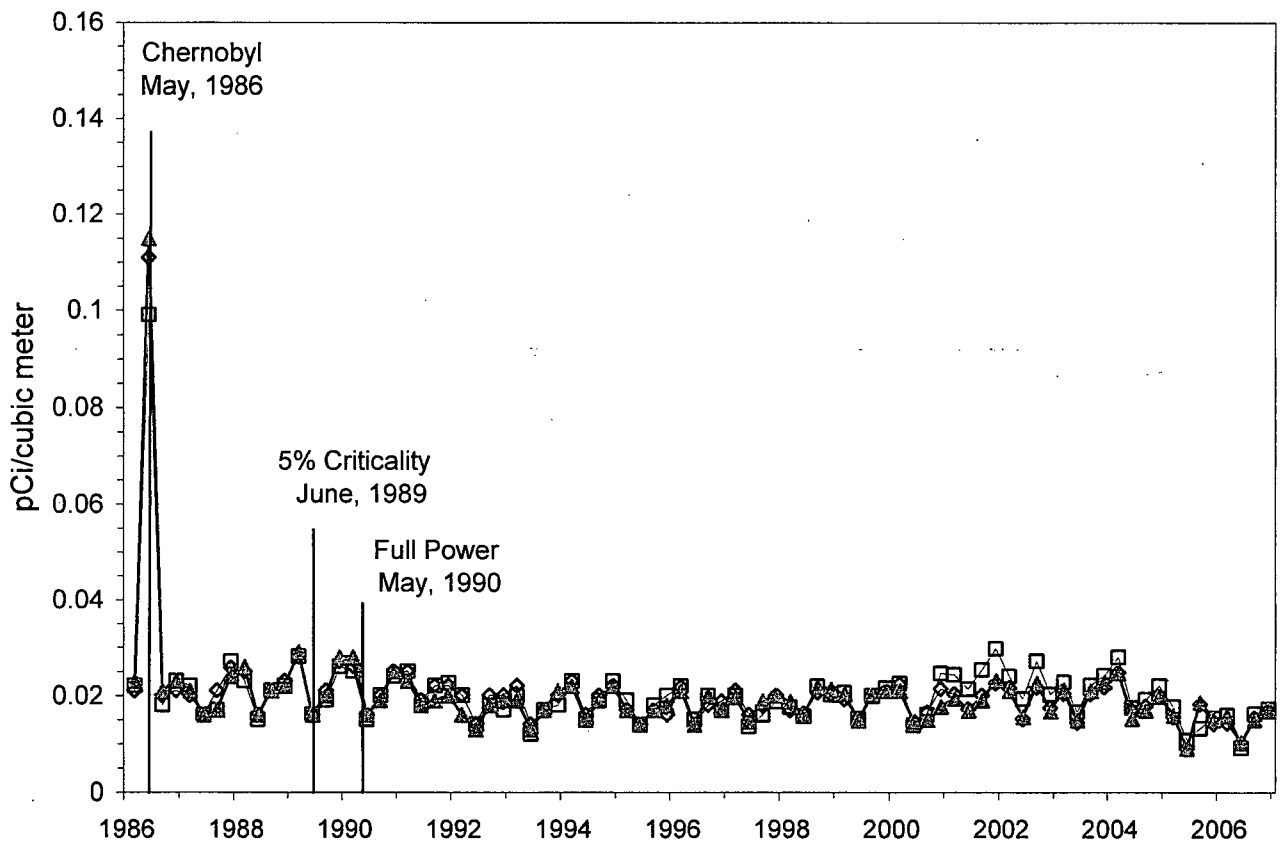


FIGURE 3.1.3

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION

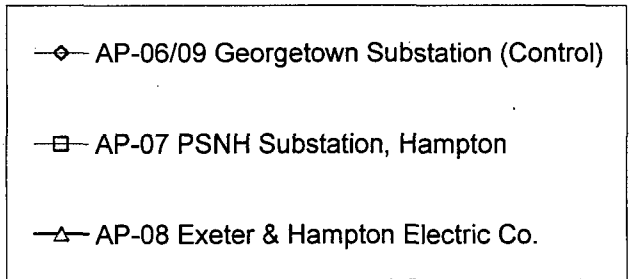
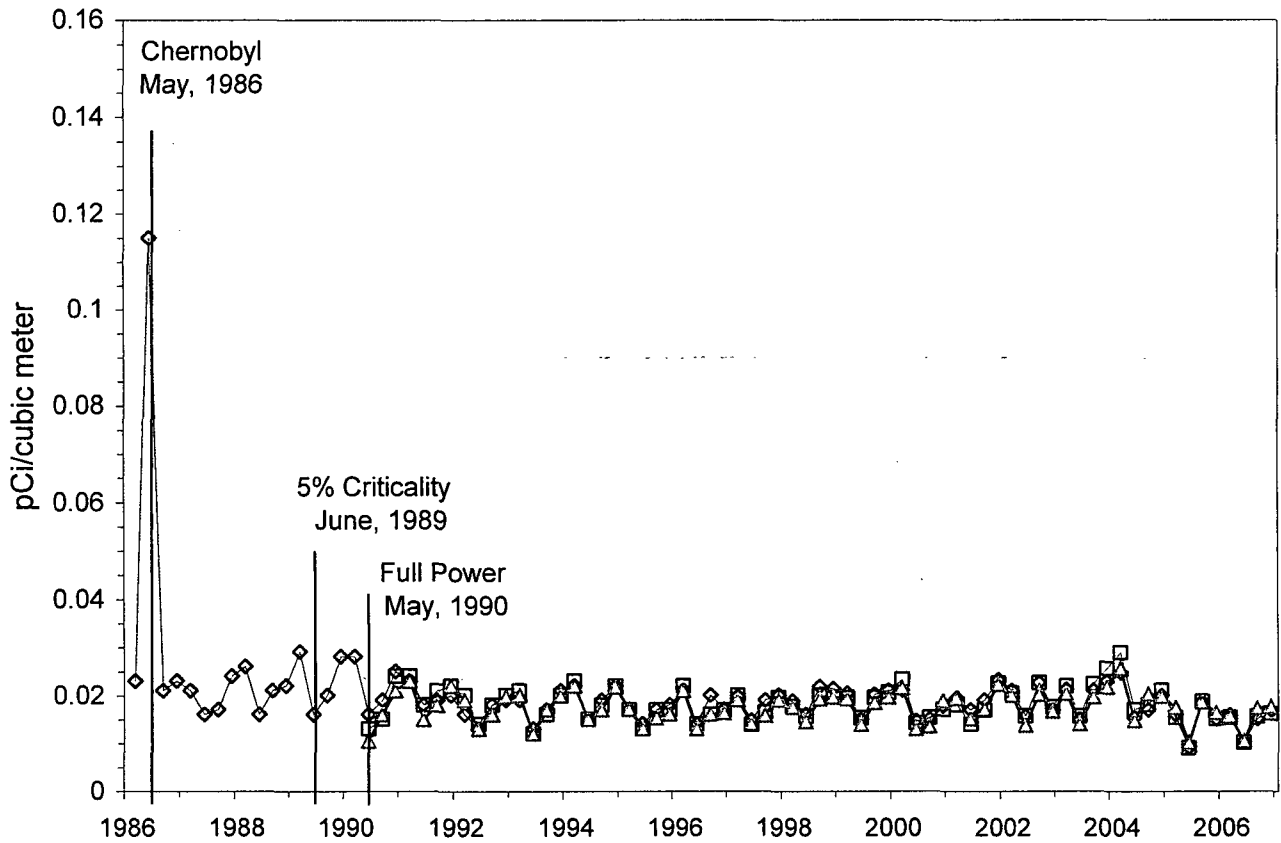
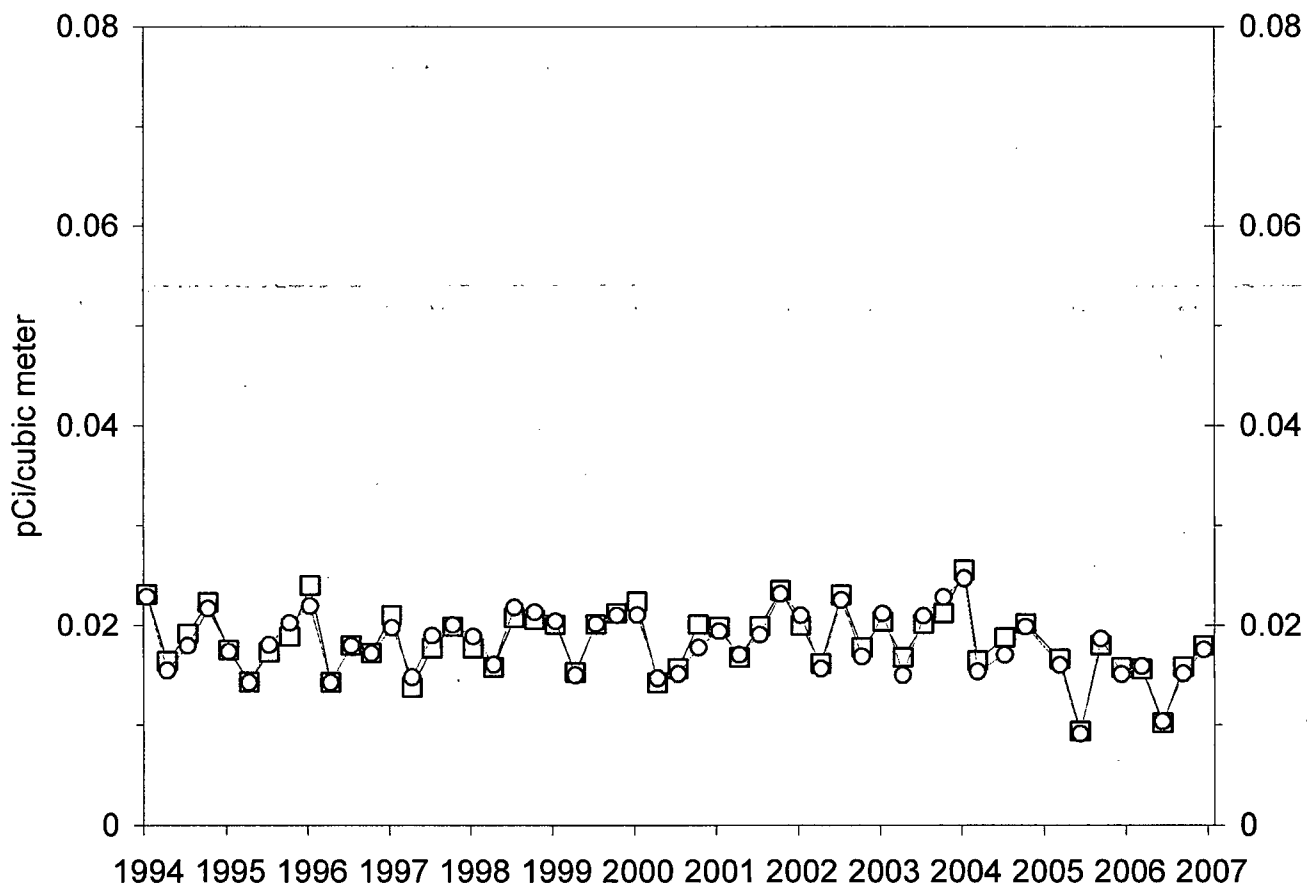


FIGURE 3.2

GROSS-BETA ON AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION



—□— Indicators
—○— Control

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Air Particulates (AP) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
GR-B (201) (0)	0.01	1.5E -2 (3.8 - 28.9)E -3 (175/ 176)	03	1.6E -2 (6.1 - 28.9)E -3 (25/ 26)	1.6E -2 (7.4 - 27.3)E -3 (25/ 25)
Be-7 (32) (0)		8.9E -2 (4.6 - 12.0)E -2 (28/ 28)	07	1.0E -1 (8.3 - 11.6)E -2 (4/ 4)	7.9E -2 (6.0 - 9.3)E -2 (4/ 4)
K-40 (32) (0)		-3.7E -3 (-1.8 - 0.6)E -2 (0/ 28)	09	-7.8E -4 (-4.9 - 2.2)E -3 (0/ 4)	-7.8E -4 (-4.9 - 2.2)E -3 (0/ 4)
Cr-51 (32) (0)		1.3E -3 (-1.5 - 2.6)E -2 (0/ 28)	08	7.3E -3 (-6.0 - 20.0)E -3 (0/ 4)	4.0E -3 (-1.1 - 1.4)E -2 (0/ 4)
Mn-54 (32) (0)		1.2E -4 (-6.5 - 9.0)E -4 (0/ 28)	08	4.0E -4 (-7.0 - 90.0)E -5 (0/ 4)	-7.5E -5 (-4.1 - 2.0)E -4 (0/ 4)
Co-57 (32) (0)		0.0E 0 (-3.7 - 5.3)E -4 (0/ 28)	02	8.0E -5 (-1.6 - 4.3)E -4 (0/ 4)	-2.7E -4 (-4.0 - -1.4)E -4 (0/ 4)
Co-58 (32) (0)		-2.4E -4 (-2.2 - 1.5)E -3 (0/ 28)	08	2.0E -4 (-2.9 - 3.8)E -4 (0/ 4)	-1.1E -4 (-4.4 - 3.8)E -4 (0/ 4)
Fe-59 (32) (0)		4.1E -4 (-5.5 - 4.8)E -3 (0/ 28)	07	1.2E -3 (0.0 - 3.9)E -3 (0/ 4)	-1.2E -3 (-5.4 - 1.6)E -3 (0/ 4)
Co-60 (32) (0)		7.6E -5 (-6.0 - 5.3)E -4 (0/ 28)	03	2.4E -4 (-6.0 - 47.0)E -5 (0/ 4)	-1.2E -4 (-2.1 - -0.4)E -4 (0/ 4)
Zn-65 (32) (0)		-5.9E -5 (-1.5 - 2.0)E -3 (0/ 28)	05	7.1E -4 (3.1 - 15.0)E -4 (0/ 4)	-6.0E -4 (-1.6 - -0.2)E -3 (0/ 4)
Se-75 (32) (0)		-1.4E -4 (-1.7 - 1.3)E -3 (0/ 28)	05	5.7E -4 (-1.1 - 13.3)E -4 (0/ 4)	-1.4E -4 (-6.4 - 2.1)E -4 (0/ 4)
Zr-95 (32) (0)		1.5E -4 (-1.6 - 3.3)E -3 (0/ 28)	02	1.1E -3 (-2.5 - 20.0)E -4 (0/ 4)	-2.2E -4 (-1.7 - 0.8)E -3 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Air Particulates (AP) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-103 (32) (0)		1.4E -4 (-1.4 - 1.3)E -3 (0/ 28)	02	7.1E -4 (2.7 - 12.7)E -4 (0/ 4)	-1.7E -4 (-8.9 - 5.3)E -4 (0/ 4)
Ru-106 (32) (0)		-9.6E -5 (-6.7 - 5.3)E -3 (0/ 28)	09	2.5E -3 (-5.0 - 51.0)E -4 (0/ 4)	2.5E -3 (-5.0 - 51.0)E -4 (0/ 4)
Ag-108m (32) (0)		-5.9E -5 (-6.5 - 6.8)E -4 (0/ 28)	01	3.4E -4 (1.7 - 6.2)E -4 (0/ 4)	1.1E -4 (-4.1 - 7.1)E -4 (0/ 4)
Ag-110m (32) (0)		5.8E -5 (-2.1 - 1.2)E -3 (0/ 28)	09	3.1E -4 (0.0 - 9.2)E -4 (0/ 4)	3.1E -4 (0.0 - 9.2)E -4 (0/ 4)
Sb-124 (32) (0)		-3.6E -4 (-5.9 - 2.4)E -3 (0/ 28)	05	1.1E -3 (-2.0 - 24.0)E -4 (0/ 4)	8.2E -4 (-9.2 - 40.0)E -4 (0/ 4)
Sb-125 (32) (0)		-8.7E -5 (-1.8 - 2.8)E -3 (0/ 28)	01	3.0E -4 (0.0 - 8.4)E -4 (0/ 4)	-5.0E -4 (-2.2 - 0.1)E -3 (0/ 4)
I-131 (32) (0)		-8.2E -3 (-2.8 - 0.8)E -1 (0/ 28)	09	7.8E -2 (-2.2 - 32.0)E -2 (0/ 4)	7.8E -2 (-2.2 - 32.0)E -2 (0/ 4)
Cs-134 (32) (0)	0.05	1.0E -4 (-4.2 - 8.2)E -4 (0/ 28)	02	3.8E -4 (0.0 - 8.2)E -4 (0/ 4)	6.3E -5 (-2.5 - 4.1)E -4 (0/ 4)
Cs-137 (32) (0)	0.06	-1.7E -4 (-1.8 - 0.5)E -3 (0/ 28)	07	1.3E -4 (0.0 - 2.1)E -4 (0/ 4)	-6.3E -5 (-2.8 - 1.1)E -4 (0/ 4)
Ba-140 (32) (0)		-3.6E -3 (-3.6 - 1.5)E -2 (0/ 28)	09	9.2E -3 (0.0 - 2.2)E -2 (0/ 4)	9.2E -3 (0.0 - 2.2)E -2 (0/ 4)
Ce-141 (32) (0)		2.8E -4 (-2.5 - 3.8)E -3 (0/ 28)	05	1.9E -3 (-7.0 - 35.0)E -4 (0/ 4)	8.7E -4 (-5.0 - 36.0)E -4 (0/ 4)
Ce-144 (32) (0)		-1.8E -5 (-2.4 - 3.7)E -3 (0/ 28)	08	9.3E -4 (-2.3 - 3.7)E -3 (0/ 4)	-2.3E -4 (-1.3 - 1.2)E -3 (0/ 4)
Th-232 (32) (0)		1.5E -4 (-2.9 - 2.5)E -3 (0/ 28)	04	9.3E -4 (5.0 - 14.0)E -4 (0/ 4)	6.0E -4 (-1.0 - 9.0)E -4 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.2 Charcoal Filters

Charcoal filter (CF) cartridges are in series with the air particulate glass-fiber filters. Monitoring stations were established at a total of eight locations. Seven of these are indicators and one is a control. Charcoal filters from the air sampling stations were collected and analyzed for I-131 activity to a lower limit of detection (LLD) of 0.07 pCi/m³.

During 2006, a total of 201 charcoal cartridges from eight locations were analyzed. As described for the air particulate samplers (see Section 3.1), the collection cycles for the charcoal filters was biweekly during 2006. At the time of switching from a one week to a two week change-out cycle in 2005, an iodine decay analysis compared a 1-week vs. 2-week air sampling collection times to the sensitivity to detect iodine-131. For the assumption of chronic air concentrations of I-131, the longer collection time results in a higher total deposition of I-131 that remains on the cartridge at counting time and, therefore, an MDA (Minimum Detectable Activity) equal to or better than the 1-week cycle. For potential short duration releases of I-131, a modest increase in sampler flow rate (to approximately 1.8 SCFM) provides for a higher iodine collection factor per unit time. This higher collection factor compensates for the decay losses due to the longer turn-around time with a 2-week change-out cycle such that the effective detection capability remains about the same.

No sample analysis indicated a detectable measurement for I-131 that was statistically relevant (positive) at the air sampling locations stated in the ODCM.

The REMP program has detected no radio-iodine at any offsite air sample location, since Seabrook Station's initial criticality of June 1989. The pre-operational data for I-131 are consistent with present data. The estimated organ doses from iodine in gaseous effluents are well below the 10CFR50, Appendix I dose criteria for the reporting period. Therefore, no increasing or decreasing trends were observed.

Charcoal filter sample collection and analysis deviations from the ODCM required program are described in Section 4.

Radiological Environmental Program Summary
 Seabrook Nuclear Power Station, Seabrook, NH
 (January - December 2006)

MEDIUM: Charcoal Cartridge (CF) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)	
I-131 (201) (0)	0.07	-2.0E -4 (-1.8 - 2.1)E -2 (0/ 176)	01	9.5E -4 (-1.2 - 1.0)E -2 (0/ 25)	-2.4E -4 (-7.6 - 8.3)E -3 (0/ 25)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.3 Milk

Milk samples (TM) were collected semi-monthly during the pasture season and monthly at other times. Samples are analyzed for low level I-131 and gamma-emitting radionuclides.

The ODCM (Table A.9.1-1) requires that milk samples be collected from three locations within 5 km of the plant having the highest dose potential. If there are none, then one sample from milking animals in each of three areas between 5 to 8 km distance where the doses are calculated to be greater than 1 mrem/yr. Due to the limited inventory of milk animals in the site area, as reconfirmed by the 2006 Land Use Census, no suitable substitute location was available to replace the lost sample site maintaining the number of available sample locations to less than the number required by the ODCM sampling program (no available milk within 5 km, and only two milk location between 5 and 8 km). The ODCM allows for broad leaf vegetation samples to be collected if milk sampling is not performed in accordance to the REMP requirements. As a result, two site boundary and one control vegetation collection locations are sampled to compensate for the limited milk sampling (see Section 3.12).

The 2006 Land Use Census (Section 6) identified a new milk (goat) location situated 8.1 Km, NW, just beyond the ODCM required 8.0 Km maximum distance for indicator milk sampling sites. This location (designated TM-24) also has limited number of milking animals and indicated that it could not provide a reliable source of milk throughout the year. Samples were collected for approximately 5 months in 2006 while milk supplies were available. Due to the distance and limited availability of milk, TM-24 does not qualify as an ODCM defined indicator sampling site.

A total of 84 milk samples were collected during the year from available locations. Each sample was analyzed for gamma emitting radionuclides. In addition, all samples were evaluated for I-131 through an iodine extraction process. With three exceptions, the gamma analyses indicated that only natural occurring potassium-40 was detectable in milk. Three detectable concentrations of Cs-137 were measured in milk samples collected in 2006, All three positive Cs-137 measurements were at low levels which were no more than a factor of 3 times above the minimum detectable activity (MDA) for the analysis. The location with the highest measured concentration (23.5 pCi/l) was from a sampling site 6.9 Km, NW. The other two positives (6.3 and 4.9 pCi/l) were collected from a location 8.1 Km, NNE. No other terrestrial samples collected in the site area found cesium, nor was any significant Cs-137 reported in plant effluents during the time period of interest. Figure 3.4.1 illustrates the Cs-137 analysis from previous years, including periods prior to plant operations. Past detection of Cs-137 is attributed to atmospheric nuclear weapons testing that persist in the environment based on similar measurements during the pre-operational period of the REMP. Figures 3.3, 3.3.1, 3.4, and 3.4.1 illustrate the analysis results for Cs-137 in milk over the current year (2006) and previous years of the Seabrook REMP.

Potassium-40 was detected in all indicator and control locations. Potassium-40 is a naturally occurring nuclide detected in many environmental sample media.

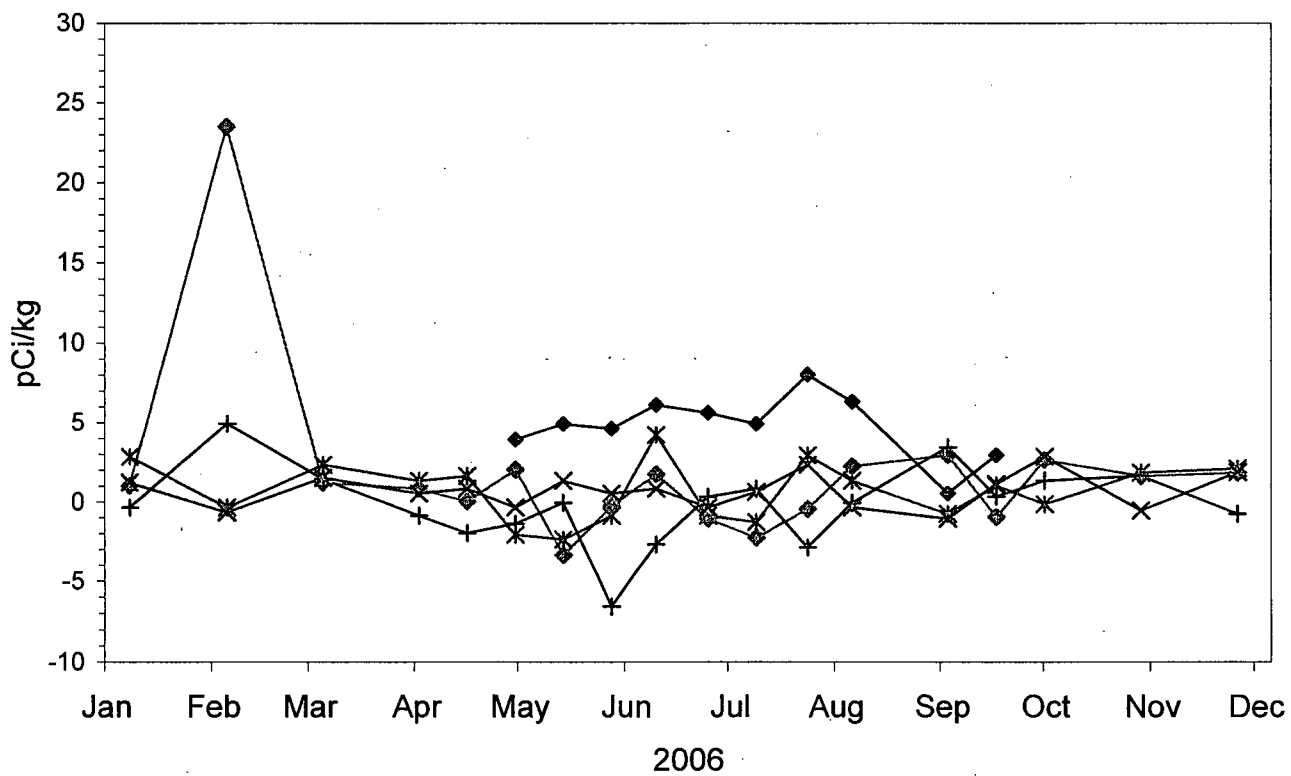
Iodine-131 was not positively identified at any location for the year. The samples met the Lower Limit of Detection (LLD) requirements (1 pCi/kg) for I-131 in milk. This is consistent with previous years for both the pre-operational and operational phases of the program.

Since there was no detected radioactivity in milk that could be identified to be related to plant releases to the environment, there was no associated dose impact for members of the public related to the milk ingestion pathway. The organ dose impact associated with Cs-137 in milk from past weapons testing fallout is estimated to be only 0.5 mrem/year (infant liver) based on the sampling station with the highest mean activity (4.8 pCi/l) for all samples collected for the year. No increasing or decreasing trends in the radioactivity content of milk were observed.

Milk sample collection and analysis deviations (if any) from the ODCM required program are described in Section 4.

FIGURE 3.3

CESIUM-137 IN MILK
SEABROOK STATION



- *— TM-09 Dairy Farm, Hampton NH
- ◆— TM-15 Goat Herd, Hampton Falls NH
- X— TM-20 Dairy Farm, Rowley MA (Control)
- +— TM-23 Sunshine Dairy Farm, Newbury, MA
- ◆— TM-24 Joy Lane, North Hampton, NH

FIGURE 3.3.1

**CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS**

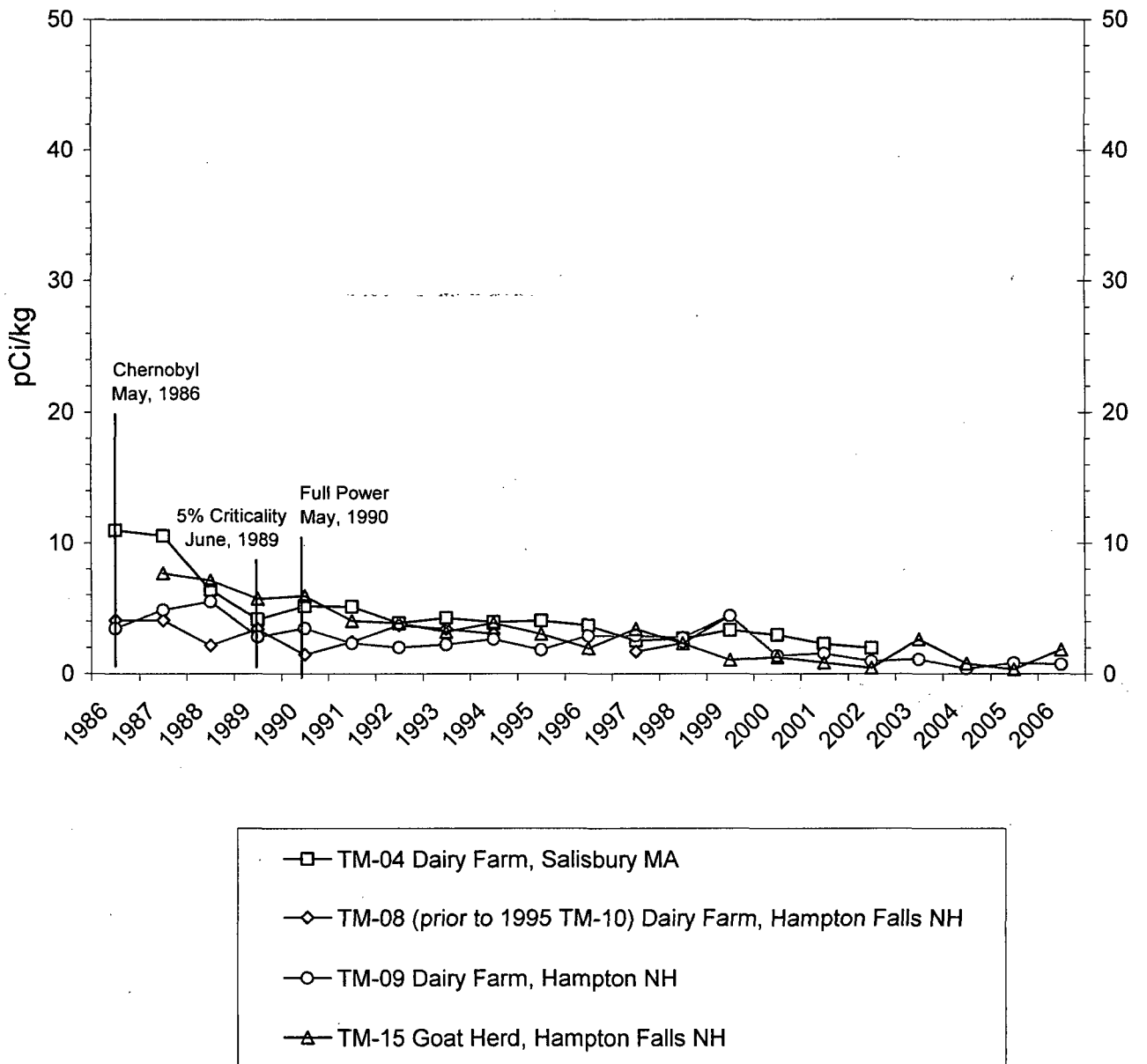
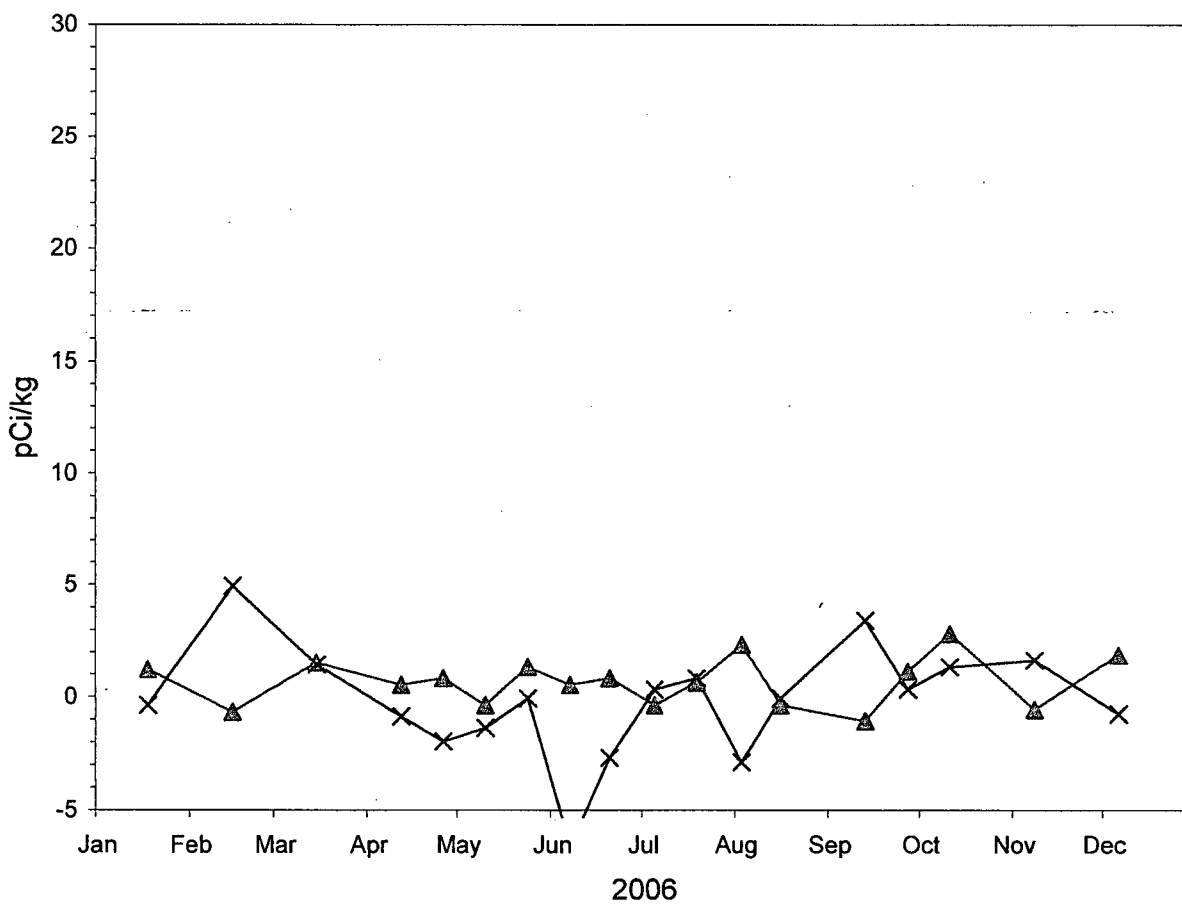


FIGURE 3.4

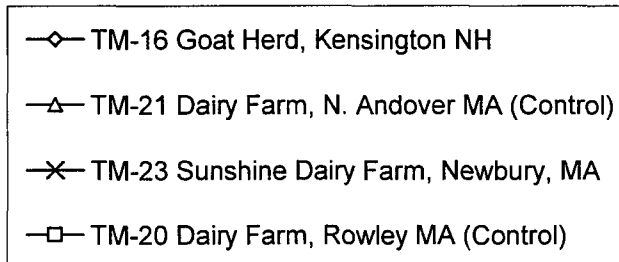
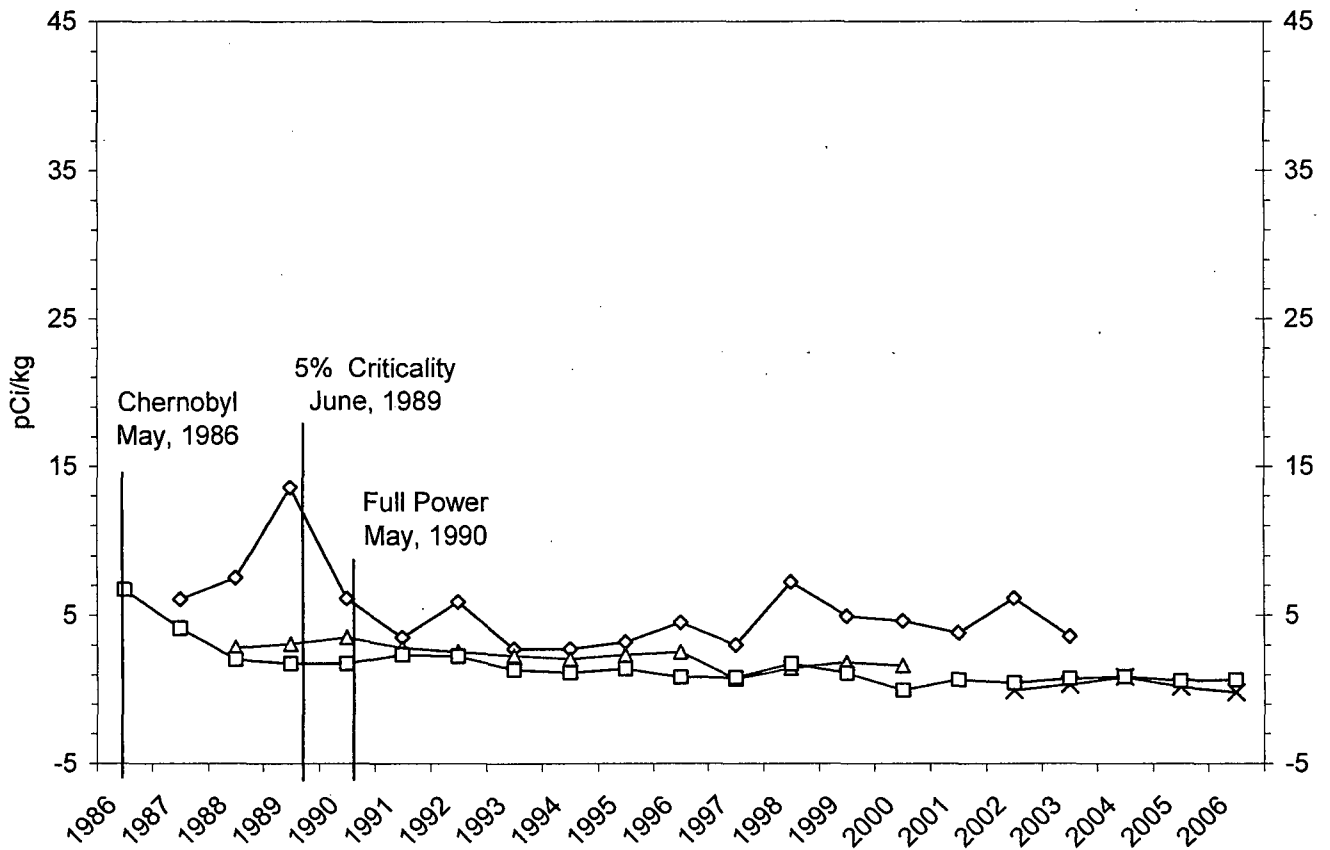
CESIUM -137 IN MILK
SEABROOK STATION



—▲— TM-20 Dairy Farm , Rowley MA (Control)
—×— TM-23 Sunshine Dairy Farm, Newbury, MA

FIGURE 3.4.1

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS



Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (84) (0)		3.2E 0 (-4.6 - 3.3)E 1 (0/ 65)	23	8.4E 0 (-1.0 - 3.3)E 1 (0/ 19)	-3.0E 0 (-3.7 - 4.5)E 1 (0/ 19)
K-40 (84) (0)		1.5E 3 (1.2 - 1.9)E 3 (65/ 65)	24	1.7E 3 (1.4 - 1.9)E 3 (10/ 10)	1.3E 3 (1.1 - 1.4)E 3 (19/ 19)
Cr-51 (84) (0)		-6.2E -1 (-4.9 - 3.2)E 1 (0/ 65)	15	5.4E 0 (-2.1 - 2.5)E 1 (0/ 18)	1.6E 0 (-3.0 - 2.5)E 1 (0/ 19)
Mn-54 (84) (0)		-2.5E -1 (-6.3 - 7.1)E 0 (0/ 65)	23	1.1E -1 (-3.8 - 7.1)E 0 (0/ 19)	7.0E -2 (-3.1 - 3.4)E 0 (0/ 19)
Co-57 (84) (0)		4.1E -1 (-3.5 - 2.7)E 0 (0/ 65)	23	5.8E -1 (-2.3 - 2.7)E 0 (0/ 19)	1.9E -1 (-3.5 - 4.1)E 0 (0/ 19)
Co-58 (84) (0)		-2.7E -1 (-5.2 - 6.0)E 0 (0/ 65)	23	3.3E -1 (-3.6 - 6.0)E 0 (0/ 19)	-3.8E -1 (-5.0 - 5.4)E 0 (0/ 19)
Fe-59 (84) (0)		8.9E -2 (-1.3 - 1.5)E 1 (0/ 65)	23	1.1E 0 (-7.1 - 15.1)E 0 (0/ 19)	-1.8E -1 (-6.1 - 7.2)E 0 (0/ 19)
Co-60 (84) (0)		1.1E 0 (-5.6 - 7.4)E 0 (0/ 65)	23	1.5E 0 (-2.1 - 7.4)E 0 (0/ 19)	4.9E -1 (-3.7 - 5.5)E 0 (0/ 19)
Zn-65 (84) (0)		-1.8E 0 (-1.5 - 1.4)E 1 (0/ 65)	09	-5.7E -1 (-1.4 - 1.4)E 1 (0/ 18)	-3.5E 0 (-1.4 - 1.0)E 1 (0/ 19)
Se-75 (84) (0)		-1.3E -1 (-4.4 - 6.0)E 0 (0/ 65)	23	2.7E -1 (-4.4 - 6.0)E 0 (0/ 19)	-8.8E -2 (-3.2 - 2.3)E 0 (0/ 19)
Zr-95 (84) (0)		1.1E -1 (-6.9 - 13.7)E 0 (0/ 65)	15	1.5E 0 (-3.2 - 8.0)E 0 (0/ 18)	-2.4E -1 (-7.4 - 6.4)E 0 (0/ 19)
Ru-103 (84) (0)		-1.1E 0 (-6.3 - 4.3)E 0 (0/ 65)	24	-5.7E -1 (-2.9 - 2.1)E 0 (0/ 10)	-1.2E 0 (-4.7 - 2.0)E 0 (0/ 19)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-106 (84) (0)		-4.8E -1 (-3.9 - 3.0)E 1 (0/ 65)	23	3.4E 0 (-2.4 - 3.0)E 1 (0/ 19)	-1.2E 0 (-3.8 - 2.8)E 1 (0/ 19)
Ag-108m (84) (0)		1.3E -1 (-3.2 - 2.4)E 0 (0/ 65)	09	4.8E -1 (-1.3 - 2.3)E 0 (0/ 18)	-2.7E -1 (-2.5 - 2.5)E 0 (0/ 19)
Ag-110m (84) (0)		-1.4E -1 (-8.0 - 7.1)E 0 (0/ 65)	09	2.7E -1 (-5.9 - 6.8)E 0 (0/ 18)	1.3E -1 (-5.9 - 7.1)E 0 (0/ 19)
Sb-124 (84) (0)		1.8E -1 (-8.5 - 15.4)E 0 (0/ 65)	20	2.5E 0 (-6.7 - 10.9)E 0 (0/ 19)	2.5E 0 (-6.7 - 10.9)E 0 (0/ 19)
Sb-125 (84) (0)		6.5E -1 (-1.1 - 1.2)E 1 (0/ 65)	09	1.3E 0 (-8.2 - 8.4)E 0 (0/ 18)	-4.4E -1 (-7.2 - 10.4)E 0 (0/ 19)
I-131 (84) (0)	1	-9.7E -3 (-3.6 - 7.3)E -1 (0/ 65)	15	2.2E -2 (-1.0 - 2.3)E -1 (0/ 18)	2.0E -2 (-1.8 - 3.2)E -1 (0/ 19)
Cs-134 (84) (0)	15	6.0E -1 (-3.9 - 7.9)E 0 (0/ 65)	23	1.0E 0 (-3.9 - 7.9)E 0 (0/ 19)	-3.0E -1 (-4.4 - 6.7)E 0 (0/ 19)
Cs-137 (84) (0)	18	1.4E 0 (-6.6 - 23.5)E 0 (3/ 65)	24	4.8E 0 (5.0 - 80.0)E -1 (2/ 10)	7.4E -1 (-1.1 - 2.8)E 0 (0/ 19)
Ba-140 (84) (0)	15	-6.6E -2 (-6.2 - 6.8)E 0 (0/ 65)	20	3.7E -1 (-3.5 - 6.9)E 0 (0/ 19)	3.7E -1 (-3.5 - 6.9)E 0 (0/ 19)
Ce-141 (84) (0)		-9.2E -1 (-8.6 - 4.1)E 0 (0/ 65)	20	1.5E -1 (-3.2 - 4.6)E 0 (0/ 19)	1.5E -1 (-3.2 - 4.6)E 0 (0/ 19)
Ce-144 (84) (0)		-8.9E -1 (-2.8 - 2.4)E 1 (0/ 65)	15	2.7E -1 (-1.4 - 1.8)E 1 (0/ 18)	-2.7E -1 (-2.4 - 1.7)E 1 (0/ 19)
Th-232 (84) (0)		2.7E 0 (-1.3 - 1.8)E 1 (0/ 65)	23	4.3E 0 (-6.3 - 16.0)E 0 (0/ 19)	-9.3E -1 (-2.7 - 1.5)E 1 (0/ 19)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.4 Surface Water

Surface water (seawater - WS) grab samples are required at two locations (control and indicator) monthly. The indicator (WS-01) is over the vicinity of the plant discharge. The control location (WS-51) is located in Ipswich Bay, MA, approximately 16.9 Km from the plant. A gamma analysis is performed on each sample. A tritium analysis is performed on the quarterly composite of samples from each location. In the second half 2006, three additional samples were collected from the Seabrook marsh (WS-02) that borders the immediate plant property to monitor for any site area ground water contamination that might migrate into the surface waters of the marsh.

For the year, 27-gamma analyses were performed on surface water samples. The only radionuclide detected in 2006 was naturally occurring K-40. No plant related nuclides were detected. The present data for gamma emitters in seawater is consistent with that of the pre-operational program and previous years of operations. Therefore, no increasing or decreasing trends were observed.

Quarterly composites from the same gamma collection samples were analyzed for tritium. Eleven samples were analyzed in 2006, which included three collections from location (WS-02) situated approximately 600 feet SSE from the Containment Building in Seabrook Marsh. The monthly composites and WS-02 samples showed no presence of tritium. All samples met the required LLD (3000 pCi/kg) for tritium in seawater. These results are consistent with pre-operational tritium data.

The calculated dose, as the result of plant effluents is not evaluated due to the fact that no plant related radionuclides were or have been detected. Therefore, no increasing or decreasing trends in dose were observed. This sampling program demonstrates that there is no impact to the public or environment, through this pathway, from plant operations.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Sea Water (WS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)	
H-3 (11) (0)	3000	-2.1E 2 (-5.6 - 0.2)E 2 (0/ 7)	02	-1.2E 2 (-2.9 - 0.2)E 2 (0/ 3)	-2.9E 2 (-4.4 - -1.4)E 2 (0/ 4)	
Be-7 (27) (0)		-8.3E -1 (-1.8 - 1.4)E 1 (0/ 15)	51	2.9E 0 (-9.0 - 21.0)E 0 (0/ 12)	2.9E 0 (-9.0 - 21.0)E 0 (0/ 12)	
K-40 (27) (0)		2.6E 2 (9.4 - 35.7)E 1 (15/ 15)	01	3.0E 2 (2.5 - 3.6)E 2 (12/ 12)	2.9E 2 (2.4 - 3.5)E 2 (12/ 12)	
Cr-51 (27) (0)		-4.3E 0 (-1.3 - 2.9)E 1 (0/ 15)	51	2.1E 0 (-1.3 - 2.5)E 1 (0/ 12)	2.1E 0 (-1.3 - 2.5)E 1 (0/ 12)	
Mn-54 (27) (0)	15	1.8E -1 (-3.8 - 2.6)E 0 (0/ 15)	02	3.0E -1 (1.0 - 5.0)E -1 (0/ 3)	-2.2E -1 (-2.2 - 1.4)E 0 (0/ 12)	
Co-57 (27) (0)		2.3E -1 (-8.7 - 16.7)E -1 (0/ 15)	01	3.3E -1 (-8.7 - 16.7)E -1 (0/ 12)	-1.3E -1 (-1.8 - 1.2)E 0 (0/ 12)	
Co-58 (27) (0)	15	8.0E -2 (-2.4 - 2.1)E 0 (0/ 15)	02	1.5E 0 (7.0 - 20.0)E -1 (0/ 3)	-7.8E -1 (-2.5 - 0.3)E 0 (0/ 12)	
Fe-59 (27) (0)	30	2.7E -1 (-6.7 - 4.9)E 0 (0/ 15)	51	9.8E -1 (-2.7 - 5.0)E 0 (0/ 12)	9.8E -1 (-2.7 - 5.0)E 0 (0/ 12)	
Co-60 (27) (0)	15	-2.5E -1 (-3.6 - 1.9)E 0 (0/ 15)	51	6.1E -1 (-1.4 - 2.9)E 0 (0/ 12)	6.1E -1 (-1.4 - 2.9)E 0 (0/ 12)	
Zn-65 (27) (0)	30	-1.1E 0 (-6.7 - 3.1)E 0 (0/ 15)	51	-9.2E -2 (-4.6 - 12.0)E 0 (0/ 12)	-9.2E -2 (-4.6 - 12.0)E 0 (0/ 12)	
Se-75 (27) (0)		4.0E -2 (-4.2 - 3.0)E 0 (0/ 15)	02	7.3E -1 (-1.9 - 2.8)E 0 (0/ 3)	2.5E -2 (-1.5 - 1.9)E 0 (0/ 12)	
Zr-95 (27) (0)	15	-2.9E -1 (-4.3 - 5.5)E 0 (1/ 15)	51	1.6E 0 (-1.7 - 6.0)E 0 (0/ 12)	1.6E 0 (-1.7 - 6.0)E 0 (0/ 12)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Sea Water (WS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-103 (27) (0)		-4.5E -1 (-2.6 - 1.5)E 0 (0/ 15)	02	-1.7E -1 (-2.3 - 1.0)E 0 (0/ 3)	-1.4E 0 (-3.9 - 1.1)E 0 (0/ 12)
Ru-106 (27) (0)		-1.6E 0 (-1.8 - 1.7)E 1 (0/ 15)	51	1.5E 0 (-1.6 - 2.0)E 1 (0/ 12)	1.5E 0 (-1.6 - 2.0)E 1 (0/ 12)
Ag-108m (27) (0)		-4.5E -1 (-2.4 - 2.5)E 0 (0/ 15)	51	1.5E -1 (-1.2 - 1.3)E 0 (0/ 12)	1.5E -1 (-1.2 - 1.3)E 0 (0/ 12)
Ag-110m (27) (0)		2.3E -1 (-2.3 - 2.1)E 0 (0/ 15)	02	1.1E 0 (4.0 - 19.0)E -1 (0/ 3)	-4.7E -1 (-3.0 - 1.5)E 0 (0/ 12)
Sb-124 (27) (0)		4.1E -1 (-3.9 - 5.9)E 0 (0/ 15)	02	9.7E -1 (-3.0 - 5.9)E 0 (0/ 3)	-5.1E -1 (-6.0 - 4.6)E 0 (0/ 12)
Sb-125 (27) (0)		-6.0E -1 (-6.5 - 4.6)E 0 (0/ 15)	02	1.2E 0 (-5.4 - 4.6)E 0 (0/ 3)	3.8E -1 (-5.5 - 10.2)E 0 (0/ 12)
I-131 (27) (0)	15	6.0E -1 (-3.3 - 5.4)E 0 (0/ 15)	01	7.5E -1 (-3.3 - 5.4)E 0 (0/ 12)	-7.9E -1 (-7.7 - 5.8)E 0 (0/ 12)
Cs-134 (27) (0)	15	4.5E -1 (-3.5 - 3.5)E 0 (0/ 15)	02	8.0E -1 (-1.2 - 2.1)E 0 (0/ 3)	5.5E -1 (-1.2 - 4.8)E 0 (0/ 12)
Cs-137 (27) (0)	18	1.2E -1 (-2.4 - 3.4)E 0 (0/ 15)	01	2.0E -1 (-2.4 - 3.4)E 0 (0/ 12)	8.3E -2 (-2.3 - 3.1)E 0 (0/ 12)
Ba-140 (27) (0)	15	-6.5E -1 (-3.5 - 3.6)E 0 (0/ 15)	02	-5.3E -1 (-3.0 - 2.3)E 0 (0/ 3)	-6.9E -1 (-4.3 - 3.4)E 0 (0/ 12)
Ce-141 (27) (0)		-3.5E -1 (-4.3 - 4.4)E 0 (0/ 15)	02	2.7E -1 (-3.1 - 2.0)E 0 (0/ 3)	-3.0E 0 (-6.7 - -0.9)E 0 (0/ 12)
Ce-144 (27) (0)		-3.0E 0 (-1.6 - 1.1)E 1 (0/ 15)	51	6.4E -1 (-6.8 - 12.2)E 0 (0/ 12)	6.4E -1 (-6.8 - 12.2)E 0 (0/ 12)
Th-232 (27) (0)		1.7E 0 (-7.5 - 9.0)E 0 (0/ 15)	02	3.4E 0 (-6.3 - 8.3)E 0 (0/ 3)	1.0E 0 (-5.8 - 13.2)E 0 (0/ 12)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.5 Ground Water

There is no requirement in the ODCM to collect ground water (WG) samples. For the year, four quarterly ground water samples were collected from two locations. These samples were collected from the drinking water line supplied to the Site (by the Town of Seabrook) and from an inactive well located approximately 1 km north of the plant. In addition, one new location 1.3 Km NNW (WG-14) was added in 2006 to the program for the second half of the year (third and fourth quarter's samples). All samples were analyzed for gross-beta activity, gamma-emitters and tritium.

Gross beta activity detected in all ten samples taken is due to naturally occurring radium and its daughter products. The gross beta activity seen at both locations is similar to what was seen in the pre-operational program and is consistent with results from previous years of commercial operations. Figures 3.5 and 3.5.1 indicate the current year (2006) and the long-term measurement history for gross beta in well waters. No tritium or gamma emitters were detected.

The calculated dose is not evaluated due to the fact that plant related radionuclides have not been detected. Therefore no increasing or decreasing trends were observed. There is no impact to the public, through this pathway, from plant operations.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

FIGURE 3.5

GROSS-BETA MEASUREMENTS OF GROUND WATER
SEABROOK STATION

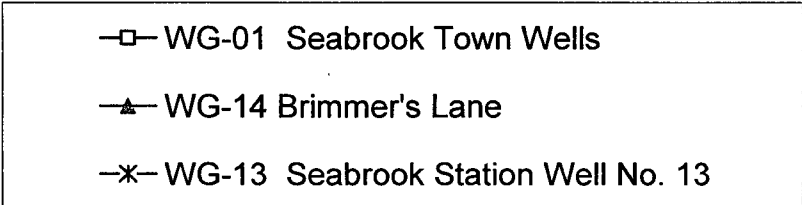
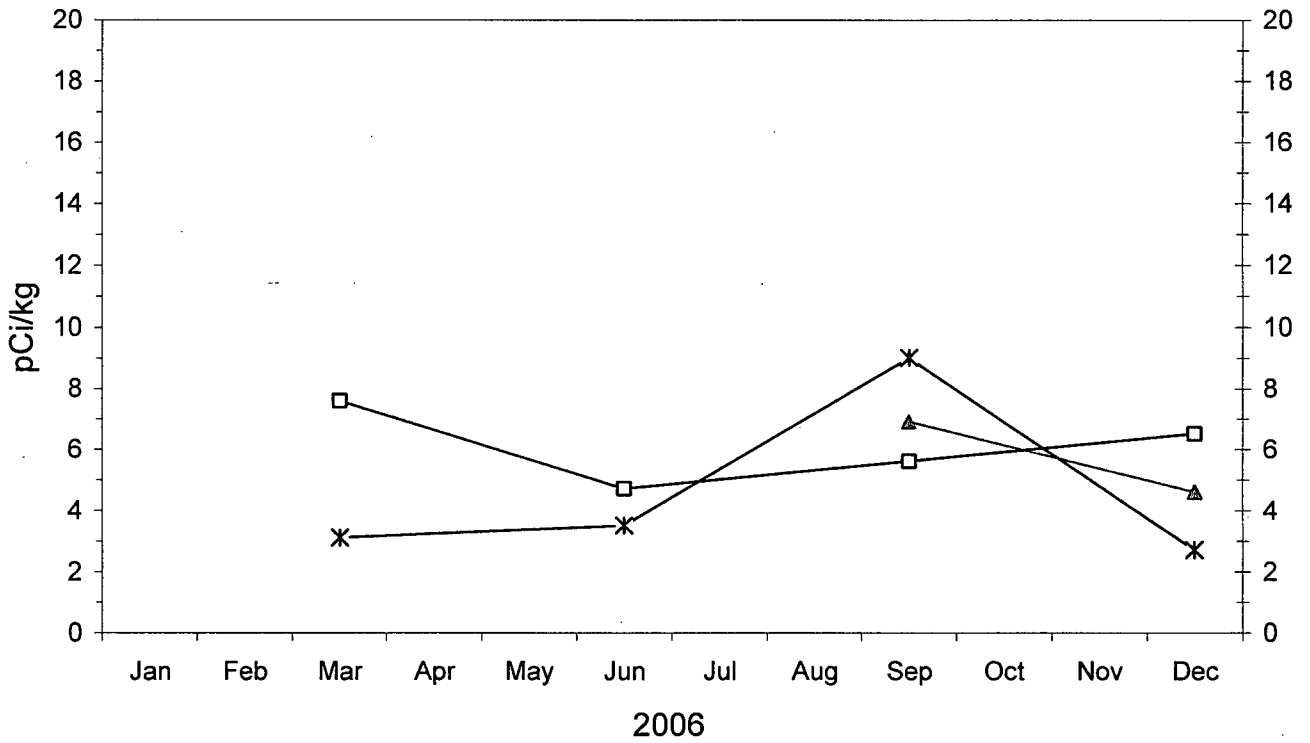
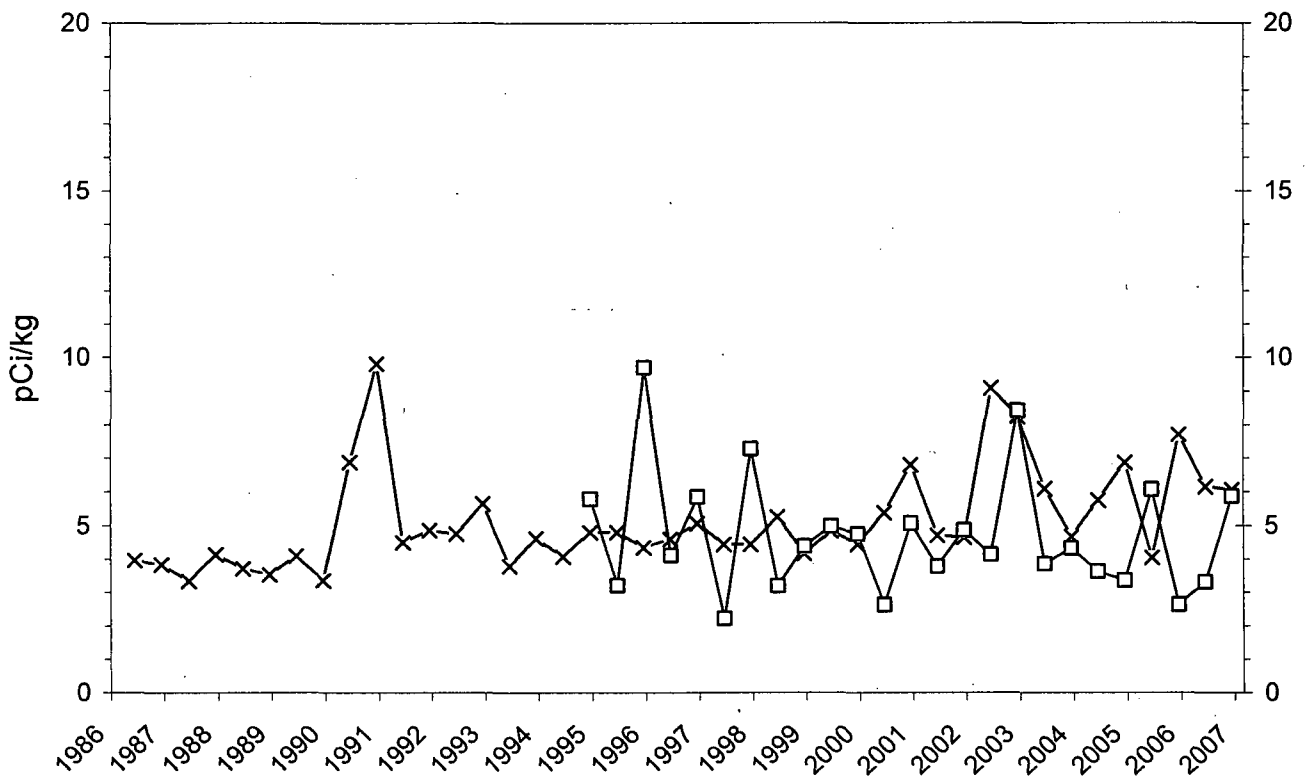


FIGURE 3.5.1

GROSS-BETA MEASUREMENTS OF GROUND WATER
SEMI-ANNUAL AVERAGES
SEABROOK STATION



-x- WG-01 Seabrook Town Wells
-□- WG-13 Seabrook Station Well No. 13

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Ground Water (WG) UNITS: pCi/liter

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)	
GR-B (10) (0)	4	5.4E 0 (2.7 - 9.0)E 0 (9/ 10)	01	6.1E 0 (4.7 - 7.6)E 0 (4/ 4)		NO DATA
H-3 (10) (0)	3000	-2.0E 2 (-7.9 - 4.0)E 2 (0/ 10)	13	-1.8E 2 (-4.1 - 2.6)E 2 (0/ 4)		NO DATA
Be-7 (10) (0)		6.5E 0 (-2.1 - 3.1)E 1 (0/ 10)	01	1.2E 1 (-1.9 - 3.1)E 1 (0/ 4)		NO DATA
K-40 (10) (0)		1.4E 1 (-2.1 - 5.6)E 1 (0/ 10)	01	2.4E 1 (-1.8 - 5.6)E 1 (0/ 4)		NO DATA
Cr-51 (10) (0)		5.3E 0 (-1.9 - 3.3)E 1 (0/ 10)	14	2.2E 1 (1.0 - 3.3)E 1 (0/ 2)		NO DATA
Mn-54 (10) (0)	15	-7.7E -1 (-4.3 - 2.6)E 0 (0/ 10)	13	7.5E -2 (-1.8 - 1.5)E 0 (0/ 4)		NO DATA
Co-57 (10) (0)		1.9E -1 (-1.6 - 3.4)E 0 (0/ 10)	14	1.4E 0 (-6.0 - 34.0)E -1 (0/ 2)		NO DATA
Co-58 (10) (0)	15	-3.2E -1 (-2.8 - 1.9)E 0 (0/ 10)	13	3.5E -1 (-1.8 - 1.9)E 0 (0/ 4)		NO DATA
Fe-59 (10) (0)	30	-2.3E 0 (-5.8 - 0.3)E 0 (0/ 10)	01	-1.6E 0 (-4.2 - 0.3)E 0 (0/ 4)		NO DATA
Co-60 (10) (0)	15	-3.2E -1 (-4.9 - 2.1)E 0 (0/ 10)	01	5.8E -1 (-1.2 - 2.1)E 0 (0/ 4)		NO DATA
Zn-65 (10) (0)	30	7.0E 0 (-3.8 - 16.1)E 0 (0/ 10)	01	1.2E 1 (8.3 - 16.1)E 0 (0/ 4)		NO DATA
Se-75 (10) (0)		1.7E -1 (-3.6 - 3.0)E 0 (0/ 10)	01	9.0E -1 (-3.0 - 16.0)E -1 (0/ 4)		NO DATA
Zr-95 (10) (0)	15	1.3E 0 (-2.7 - 3.4)E 0 (0/ 10)	14	2.7E 0 (2.1 - 3.3)E 0 (0/ 2)		NO DATA

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Ground Water (WG) UNITS: pCi/liter

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)	
Ru-103 (10) (0)		-2.0E -1 (-2.0 - 2.2)E 0 (0/ 10)	13	1.1E 0 (-3.0 - 22.0)E -1 (0/ 4)		NO DATA
Ru-106 (10) (0)		-1.7E 0 (-1.5 - 2.3)E 1 (0/ 10)	13	6.8E 0 (-8.0 - 23.0)E 0 (0/ 4)		NO DATA
Ag-108m (10) (0)		1.9E -1 (-1.8 - 1.7)E 0 (0/ 10)	01	4.3E -1 (-1.5 - 1.7)E 0 (0/ 4)		NO DATA
Ag-110m (10) (0)		-8.5E -1 (-4.7 - 3.5)E 0 (0/ 10)	13	7.5E -2 (-1.5 - 3.5)E 0 (0/ 4)		NO DATA
Sb-124 (10) (0)		-5.5E -1 (-4.4 - 2.6)E 0 (0/ 10)	13	5.0E -1 (-4.4 - 2.6)E 0 (0/ 4)		NO DATA
Sb-125 (10) (0)		1.1E 0 (-3.8 - 5.2)E 0 (0/ 10)	14	2.1E 0 (6.0 - 36.0)E -1 (0/ 2)		NO DATA
I-131 (10) (0)	15	0.0E 0 (-4.2 - 4.1)E 0 (0/ 10)	14	1.0E 0 (-9.0 - 29.0)E -1 (0/ 2)		NO DATA
Cs-134 (10) (0)	15	6.3E -1 (-1.3 - 2.3)E 0 (0/ 10)	14	2.0E 0 (1.7 - 2.3)E 0 (0/ 2)		NO DATA
Cs-137 (10) (0)	18	-3.4E -1 (-2.4 - 3.1)E 0 (0/ 10)	01	-2.5E -2 (-2.4 - 3.1)E 0 (0/ 4)		NO DATA
Ba-140 (10) (0)	15	-8.4E -1 (-5.0 - 2.1)E 0 (0/ 10)	13	2.0E -1 (-1.8 - 2.1)E 0 (0/ 4)		NO DATA
Ce-141 (10) (0)		-1.2E 0 (-6.9 - 3.3)E 0 (0/ 10)	13	-1.8E -1 (-4.4 - 2.4)E 0 (0/ 4)		NO DATA
Ce-144 (10) (0)		-2.1E 0 (-1.0 - 0.9)E 1 (0/ 10)	13	2.9E 0 (-3.4 - 8.9)E 0 (0/ 4)		NO DATA
Th-232 (10) (0)		2.3E 0 (-8.1 - 14.3)E 0 (0/ 10)	13	6.2E 0 (-3.9 - 14.3)E 0 (0/ 4)		NO DATA

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.6 Sediment

Semiannual sediment sampling is required at one indicator location, although a total of five locations, three indicators and two controls, are collected. The indicator stations are comprised of two beach sediment cores from Seabrook Beach and one sub tidal sediment core taken from near the discharge structure. The control locations, both beach and sub tidal, are located within Ipswich Harbor. A total of 30 samples were collected for the year from all locations. Each sediment core was sectioned into 5-centimeter segments. Segment 1 extends from the top of the core to 5 centimeters, segment two extends from 5 to 10 centimeters and the third segment extends from 10 to 15 centimeters in depth. A gamma analysis was performed on each segment.

The only radionuclides detected in 2006 were naturally occurring K-40 and Th-232 with its natural daughters. Potassium-40 was detected in all core samples at all depths from all locations. Thorium-232 (as measured in the gamma isotopic analysis as AcTh-228) and its daughters were also present in all samples. No plant related radionuclides were detected in any segment. No increasing or decreasing trends were observed. This is consistent with the pre-operational program and with previous years of plant operations. There is no dose to the public or impact to the environment from any pathways associated with this media.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (30) (0)		3.6E 1 (-2.0 - 3.0)E 2 (0/ 18)	02	9.7E 1 (-9.0 - 30.0)E 1 (0/ 6)	-2.9E 0 (-3.7 - 3.0)E 2 (0/ 12)
K-40 (30) (0)		1.6E 4 (1.1 - 2.0)E 4 (18/ 18)	08	1.9E 4 (1.8 - 2.0)E 4 (6/ 6)	1.3E 4 (1.2 - 1.7)E 4 (12/ 12)
Cr-51 (30) (0)		-4.0E 1 (-2.8 - 4.2)E 2 (0/ 18)	02	1.0E 2 (-2.8 - 4.2)E 2 (0/ 6)	-3.0E 1 (-3.5 - 1.1)E 2 (0/ 12)
Mn-54 (30) (0)		7.6E -1 (-2.3 - 3.2)E 1 (0/ 18)	52	1.1E 1 (-1.5 - 3.4)E 1 (0/ 6)	8.5E 0 (-1.5 - 3.4)E 1 (0/ 12)
Co-57 (30) (0)		-1.6E 0 (-3.2 - 3.4)E 1 (0/ 18)	02	-5.0E -1 (-3.2 - 3.4)E 1 (0/ 6)	-4.0E 0 (-2.6 - 1.2)E 1 (0/ 12)
Co-58 (30) (0)		-7.1E 0 (-4.2 - 1.3)E 1 (0/ 18)	07	-5.3E 0 (-3.9 - 0.7)E 1 (0/ 6)	-2.2E 1 (-5.8 - 0.0)E 1 (0/ 12)
Fe-59 (30) (0)		-4.1E 0 (-5.8 - 3.5)E 1 (0/ 18)	52	1.5E 1 (-5.7 - 4.8)E 1 (0/ 6)	-8.3E -2 (-9.4 - 4.8)E 1 (0/ 12)
Co-60 (30) (0)		1.7E 0 (-1.7 - 1.7)E 1 (0/ 18)	07	4.2E 0 (-9.8 - 17.0)E 0 (0/ 6)	9.3E -1 (-3.1 - 2.3)E 1 (0/ 12)
Zn-65 (30) (0)		-1.9E 1 (-1.4 - 1.5)E 2 (0/ 18)	52	4.0E 1 (-5.9 - 14.7)E 1 (0/ 6)	1.0E 1 (-5.9 - 14.7)E 1 (0/ 12)
Se-75 (30) (0)		-1.4E 0 (-2.6 - 4.3)E 1 (0/ 18)	52	5.0E 0 (-3.3 - 3.7)E 1 (0/ 6)	3.3E -1 (-3.3 - 3.7)E 1 (0/ 12)
Zr-95 (30) (0)		-9.0E 0 (-4.8 - 3.9)E 1 (0/ 18)	52	2.6E 1 (-4.0 - 7.0)E 1 (0/ 6)	1.3E 1 (-4.0 - 7.0)E 1 (0/ 12)
Ru-103 (30) (0)		-3.4E 0 (-3.4 - 2.0)E 1 (0/ 18)	52	7.0E 0 (-2.3 - 4.6)E 1 (0/ 6)	4.0E 0 (-2.3 - 4.6)E 1 (0/ 12)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-106 (30) (0)		-2.1E 1 (-1.3 - 2.2)E 2 (0/ 18)	52	1.2E 2 (-3.0 - 38.0)E 1 (0/ 6)	9.3E 1 (-3.0 - 38.0)E 1 (0/ 12)
Ag-108m (30) (0)		3.2E -1 (-2.1 - 2.2)E 1 (0/ 18)	57	5.3E 0 (-4.0 - 160.0)E -1 (0/ 6)	-1.9E 0 (-3.8 - 1.6)E 1 (0/ 12)
Ag-110m (30) (0)		-3.1E 0 (-3.6 - 2.3)E 1 (0/ 18)	52	1.6E 1 (-3.0 - 30.0)E 0 (0/ 6)	8.1E 0 (-2.0 - 3.0)E 1 (0/ 12)
Sb-124 (30) (0)		2.4E 0 (-5.5 - 3.4)E 1 (0/ 18)	08	1.9E 1 (3.0 - 34.0)E 0 (0/ 6)	5.0E 0 (-3.0 - 10.2)E 1 (0/ 12)
Sb-125 (30) (0)		7.3E 0 (-3.0 - 7.5)E 1 (0/ 18)	08	1.3E 1 (-1.7 - 7.5)E 1 (0/ 6)	2.5E -1 (-3.5 - 6.0)E 1 (0/ 12)
I-131 (30) (0)		-7.8E 0 (-6.0 - 2.8)E 2 (0/ 18)	57	6.4E 1 (-3.1 - 7.8)E 2 (0/ 6)	-1.5E 2 (-1.1 - 0.8)E 3 (0/ 12)
Cs-134 (30) (0)	150	-1.0E 1 (-1.0 - 0.2)E 2 (0/ 18)	57	8.0E 0 (-3.0 - 28.0)E 0 (0/ 6)	9.2E -1 (-2.1 - 2.8)E 1 (0/ 12)
Cs-137 (30) (0)	180	-8.3E -2 (-1.7 - 1.5)E 1 (0/ 18)	08	5.8E 0 (0.0 - 1.1)E 1 (0/ 6)	-5.0E 0 (-3.4 - 4.4)E 1 (0/ 12)
Ba-140 (30) (0)		-4.4E 1 (-6.5 - 1.5)E 2 (0/ 18)	57	1.3E 2 (1.0 - 23.0)E 1 (0/ 6)	4.0E 1 (-2.5 - 2.3)E 2 (0/ 12)
Ce-141 (30) (0)		1.1E 1 (-3.6 - 8.5)E 1 (0/ 18)	52	3.2E 1 (1.3 - 8.4)E 1 (0/ 6)	2.0E 1 (-4.6 - 8.4)E 1 (0/ 12)
Ce-144 (30) (0)		1.8E 1 (-7.4 - 21.4)E 1 (0/ 18)	02	3.8E 1 (-7.4 - 21.4)E 1 (0/ 6)	-6.7E 0 (-2.2 - 2.5)E 2 (0/ 12)
Th-232 (30) (0)		6.6E 2 (2.3 - 19.2)E 2 (18/ 18)	52	1.7E 3 (4.5 - 30.9)E 2 (6/ 6)	1.1E 3 (1.2 - 30.9)E 2 (12/ 12)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.7 Fish

Semiannual fish (FH) and invertebrate samples are required from two locations. The Program calls for samples to be collected semiannually, or in season, from two locations. Quarterly collections are attempted to cover the sampling requirements. This section presents the results for fish sampling only. Invertebrate results may be found in Sections 3.8 and 3.9, entitled Lobsters and Shellfish, respectively.

During the year, 8-fish samples were collected. The fish species available from Station FH-03 (indicator station) and Station FH-53 (control station) was Winter Flounder, Skate and Hake.

A gamma analysis was performed on the edible portion of each sample collected. In 2006, the only radionuclide detected in fish samples was naturally occurring K-40. No plant related radionuclides were detected. No increasing or decreasing trends were observed. Subsequently, there is no dose to the public or impact to the environment, through this pathway, from plant operations. This is consistent with previous years of plant operations, as well as the pre-operational program.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (8) (0)		7.4E 1 (-1.4 - 24.2)E 1 (0/ 4)	03	7.4E 1 (-1.4 - 24.2)E 1 (0/ 4)	-4.3E 1 (-1.1 - -0.1)E 2 (0/ 4)
K-40 (8) (0)		2.9E 3 (2.1 - 3.6)E 3 (4/ 4)	53	3.4E 3 (2.9 - 3.8)E 3 (4/ 4)	3.4E 3 (2.9 - 3.8)E 3 (4/ 4)
Cr-51 (8) (0)		-2.9E 1 (-9.0 - 6.5)E 1 (0/ 4)	03	-2.9E 1 (-9.0 - 6.5)E 1 (0/ 4)	-1.1E 2 (-1.9 - -0.4)E 2 (0/ 4)
Mn-54 (8) (0)	130	-2.1E 0 (-1.2 - 0.6)E 1 (0/ 4)	53	7.0E 0 (4.0 - 12.3)E 0 (0/ 4)	7.0E 0 (4.0 - 12.3)E 0 (0/ 4)
Co-57 (8) (0)		-1.9E 0 (-5.3 - 0.6)E 0 (0/ 4)	53	-1.3E 0 (-3.2 - 1.6)E 0 (0/ 4)	-1.3E 0 (-3.2 - 1.6)E 0 (0/ 4)
Co-58 (8) (0)	130	-2.2E -1 (-1.3 - 0.9)E 1 (0/ 4)	53	2.8E 0 (-8.8 - 18.0)E 0 (0/ 4)	2.8E 0 (-8.8 - 18.0)E 0 (0/ 4)
Fe-59 (8) (0)	260	-1.6E 1 (-3.3 - -0.5)E 1 (0/ 4)	53	-2.0E 0 (-1.4 - 1.7)E 1 (0/ 4)	-2.0E 0 (-1.4 - 1.7)E 1 (0/ 4)
Co-60 (8) (0)	130	-2.3E 0 (-1.2 - 0.9)E 1 (0/ 4)	53	1.1E 1 (5.5 - 17.0)E 0 (0/ 4)	1.1E 1 (5.5 - 17.0)E 0 (0/ 4)
Zn-65 (8) (0)	260	-6.5E 0 (-2.5 - 0.5)E 1 (0/ 4)	03	-6.5E 0 (-2.5 - 0.5)E 1 (0/ 4)	-7.0E 0 (-4.1 - 1.3)E 1 (0/ 4)
Se-75 (8) (0)		3.2E 0 (-5.0 - 7.0)E 0 (0/ 4)	03	3.2E 0 (-5.0 - 7.0)E 0 (0/ 4)	-2.5E -2 (-3.7 - 4.0)E 0 (0/ 4)
Zr-95 (8) (0)		5.0E -1 (-8.0 - 8.0)E 0 (0/ 4)	53	2.5E 0 (-1.3 - 1.9)E 1 (0/ 4)	2.5E 0 (-1.3 - 1.9)E 1 (0/ 4)
Ru-103 (8) (0)		4.6E 0 (2.0 - 9.0)E 0 (0/ 4)	03	4.6E 0 (2.0 - 9.0)E 0 (0/ 4)	-2.9E 0 (-1.0 - 0.5)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Station
Ru-106 (8) (0)		4.3E 0 (-1.0 - 2.0)E 1 (0/ 4)	03	4.3E 0 (-1.0 - 2.0)E 1 (0/ 4)	03	-6.2E 1 (-2.2 - 0.6)E 2 (0/ 4)	
Ag-108m (8) (0)		3.0E 0 (1.0 - 9.0)E 0 (0/ 4)	03	3.0E 0 (1.0 - 9.0)E 0 (0/ 4)	03	1.1E 0 (-1.3 - 3.5)E 0 (0/ 4)	
Ag-110m (8) (0)		1.2E 0 (-8.0 - 12.0)E 0 (0/ 4)	53	9.7E 0 (-3.3 - 20.0)E 0 (0/ 4)	53	9.7E 0 (-3.3 - 20.0)E 0 (0/ 4)	
Sb-124 (8) (0)		5.0E 0 (-8.0 - 24.0)E 0 (0/ 4)	03	5.0E 0 (-8.0 - 24.0)E 0 (0/ 4)	03	-1.4E 1 (-2.7 - -0.3)E 1 (0/ 4)	
Sb-125 (8) (0)		6.0E 0 (-1.5 - 3.4)E 1 (0/ 4)	03	6.0E 0 (-1.5 - 3.4)E 1 (0/ 4)	03	-1.4E 1 (-4.4 - 0.6)E 1 (0/ 4)	
I-131 (8) (0)		-7.0E 0 (-2.3 - 1.2)E 1 (0/ 4)	53	1.4E 1 (-2.0 - 9.6)E 1 (0/ 4)	53	1.4E 1 (-2.0 - 9.6)E 1 (0/ 4)	
Cs-134 (8) (0)	130	-2.7E 0 (-7.4 - 3.2)E 0 (0/ 4)	53	2.5E 0 (-7.1 - 18.4)E 0 (0/ 4)	53	2.5E 0 (-7.1 - 18.4)E 0 (0/ 4)	
Cs-137 (8) (0)	150	4.6E 0 (1.7 - 10.6)E 0 (0/ 4)	03	4.6E 0 (1.7 - 10.6)E 0 (0/ 4)	03	-5.3E -1 (-1.4 - 1.4)E 1 (0/ 4)	
Ba-140 (8) (0)		6.5E 0 (0.0 - 2.2)E 1 (0/ 4)	03	6.5E 0 (0.0 - 2.2)E 1 (0/ 4)	03	-1.4E 1 (-2.1 - 0.0)E 1 (0/ 4)	
Ce-141 (8) (0)		6.1E 0 (-4.0 - 19.0)E 0 (0/ 4)	03	6.1E 0 (-4.0 - 19.0)E 0 (0/ 4)	03	1.5E -1 (-1.5 - 2.6)E 1 (0/ 4)	
Ce-144 (8) (0)		3.3E 0 (-1.4 - 1.7)E 1 (0/ 4)	03	3.3E 0 (-1.4 - 1.7)E 1 (0/ 4)	03	-9.5E 0 (-3.4 - 3.5)E 1 (0/ 4)	
Th-232 (8) (0)		3.0E 0 (-3.1 - 3.4)E 1 (0/ 4)	53	1.1E 1 (-3.1 - 4.5)E 1 (0/ 4)	53	1.1E 1 (-3.1 - 4.5)E 1 (0/ 4)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.8 Lobsters

Semiannual fish and invertebrate samples were required from two locations. This section provides the results for one type of invertebrate – *Homarus americanus* (American lobsters). Fish and other invertebrate results may be found in Sections 3.7 and 3.9, entitled Fish and Shellfish, respectively. Samples were collected from two locations semiannually. Lobsters (HA) were collected from an indicator location near the discharge and from a control location within Ipswich Bay. A total of four samples were collected for the year.

A gamma analysis was performed on each sample. The only radionuclide detected in lobster samples in 2006 was naturally occurring K-40 (all samples). No plant related radionuclides were detected. Therefore, no increasing or decreasing trends were observed. Subsequently, there is no dose to the public or impact to the environment, from this pathway, from plant operations. This is consistent with previous years of plant operations as well as the pre-operational program.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: American Lobster (HA) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (4) (0)		5.5E 1 (5.0 - 6.0)E 1 (0/ 2)	04	5.5E 1 (5.0 - 6.0)E 1 (0/ 2)	-1.8E 2 (-2.5 - -1.0)E 2 (0/ 2)
K-40 (4) (0)		2.0E 3 (1.9 - 2.1)E 3 (2/ 2)	54	2.1E 3 (2.0 - 2.2)E 3 (2/ 2)	2.1E 3 (2.0 - 2.2)E 3 (2/ 2)
Cr-51 (4) (0)		8.0E 1 (-1.0 - 17.0)E 1 (0/ 2)	04	8.0E 1 (-1.0 - 17.0)E 1 (0/ 2)	0.0E 0 (-8.0 - 8.0)E 1 (0/ 2)
Mn-54 (4) (0)	130	5.0E -1 (-5.0 - 6.0)E 0 (0/ 2)	04	5.0E -1 (-5.0 - 6.0)E 0 (0/ 2)	-6.0E 0 (-6.0 - -6.0)E 0 (0/ 2)
Co-57 (4) (0)		1.6E 0 (1.0 - 2.2)E 0 (0/ 2)	04	1.6E 0 (1.0 - 2.2)E 0 (0/ 2)	9.0E -1 (-4.5 - 6.3)E 0 (0/ 2)
Co-58 (4) (0)	130	4.0E 0 (0.0 - 8.0)E 0 (0/ 2)	04	4.0E 0 (0.0 - 8.0)E 0 (0/ 2)	4.0E 0 (0.0 - 8.0)E 0 (0/ 2)
Fe-59 (4) (0)	260	-8.0E 0 (-2.6 - 1.0)E 1 (0/ 2)	54	-5.5E 0 (-1.3 - 0.2)E 1 (0/ 2)	-5.5E 0 (-1.3 - 0.2)E 1 (0/ 2)
Co-60 (4) (0)	130	2.3E 1 (2.1 - 2.5)E 1 (0/ 2)	04	2.3E 1 (2.1 - 2.5)E 1 (0/ 2)	-4.3E 0 (-1.8 - 0.9)E 1 (0/ 2)
Zn-65 (4) (0)	260	1.7E 1 (8.0 - 25.0)E 0 (0/ 2)	04	1.7E 1 (8.0 - 25.0)E 0 (0/ 2)	-4.2E 1 (-5.9 - -2.5)E 1 (0/ 2)
Se-75 (4) (0)		-4.5E 0 (-1.1 - 0.2)E 1 (0/ 2)	54	2.5E 0 (2.0 - 3.0)E 0 (0/ 2)	2.5E 0 (2.0 - 3.0)E 0 (0/ 2)
Zr-95 (4) (0)		3.0E 0 (2.0 - 4.0)E 0 (0/ 2)	04	3.0E 0 (2.0 - 4.0)E 0 (0/ 2)	-1.2E 1 (-2.3 - 0.0)E 1 (0/ 2)
Ru-103 (4) (0)		-5.0E -1 (-4.0 - 3.0)E 0 (0/ 2)	54	2.0E 0 (-1.6 - 2.0)E 1 (0/ 2)	2.0E 0 (-1.6 - 2.0)E 1 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: American Lobster (HA) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-106 (4) (0)		2.9E 1 (-5.2 - 11.0)E 1 (0/ 2)	54	6.5E 1 (6.0 - 7.0)E 1 (0/ 2)	6.5E 1 (6.0 - 7.0)E 1 (0/ 2)
Ag-108m (4) (0)		8.5E 0 (-3.0 - 20.0)E 0 (0/ 2)	04	8.5E 0 (-3.0 - 20.0)E 0 (0/ 2)	6.6E 0 (1.2 - 12.0)E 0 (0/ 2)
Ag-110m (4) (0)		4.0E 0 (3.0 - 5.0)E 0 (0/ 2)	04	4.0E 0 (3.0 - 5.0)E 0 (0/ 2)	-7.0E 0 (-1.4 - 0.0)E 1 (0/ 2)
Sb-124 (4) (0)		1.8E 1 (1.5 - 2.1)E 1 (0/ 2)	04	1.8E 1 (1.5 - 2.1)E 1 (0/ 2)	-3.8E 1 (-4.1 - -3.5)E 1 (0/ 2)
Sb-125 (4) (0)		4.0E 0 (-4.5 - 5.3)E 1 (0/ 2)	04	4.0E 0 (-4.5 - 5.3)E 1 (0/ 2)	-4.5E 0 (-2.8 - 1.9)E 1 (0/ 2)
I-131 (4) (0)		-3.5E 1 (-7.4 - 0.5)E 1 (0/ 2)	04	-3.5E 1 (-7.4 - 0.5)E 1 (0/ 2)	-4.6E 1 (-7.0 - -2.1)E 1 (0/ 2)
Cs-134 (4) (0)	130	1.4E 1 (1.3 - 1.4)E 1 (0/ 2)	04	1.4E 1 (1.3 - 1.4)E 1 (0/ 2)	-1.7E 1 (-2.8 - -0.6)E 1 (0/ 2)
Cs-137 (4) (0)	150	0.0E 0 (0.0 - 0.0)E 0 (0/ 2)	04	0.0E 0 (0.0 - 0.0)E 0 (0/ 2)	-5.5E 0 (-9.0 - -2.0)E 0 (0/ 2)
Ba-140 (4) (0)		1.5E 0 (-3.3 - 3.6)E 1 (0/ 2)	04	1.5E 0 (-3.3 - 3.6)E 1 (0/ 2)	-5.0E -1 (-1.4 - 1.3)E 1 (0/ 2)
Ce-141 (4) (0)		-1.5E 1 (-2.3 - -0.6)E 1 (0/ 2)	54	1.9E 1 (1.0 - 36.0)E 0 (0/ 2)	1.9E 1 (1.0 - 36.0)E 0 (0/ 2)
Ce-144 (4) (0)		-5.5E 1 (-1.1 - -0.1)E 2 (0/ 2)	54	7.0E 0 (-1.6 - 3.0)E 1 (0/ 2)	7.0E 0 (-1.6 - 3.0)E 1 (0/ 2)
Th-232 (4) (0)		-1.5E 0 (-2.3 - 2.0)E 1 (0/ 2)	54	5.5E 1 (1.4 - 9.6)E 1 (0/ 2)	5.5E 1 (1.4 - 9.6)E 1 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.9 Shellfish

Semiannual fish and invertebrate samples are required by the ODCM from two locations. This section provides the results for shellfish (MU) samples only. Fish and other invertebrate results may be found in the Sections 3.7 and 3.8, entitled Fish and Lobsters, respectively. In 2006, four locations (two indicators and two controls) were included in the sample collections

During the year there were two species of mussels (MU) harvested for analysis. *Modiolus* (horse mussels) were collected, by divers, from near the discharge outfall (indicator station) and from Ipswich Bay (control). *Mytilus* (blue mussels) were collected from the intratidal areas of Seabrook Harbor (indicator) and Plum Island, MA (control). A total of eight samples were collected in 2006 and analyzed for radioactivity in the edible portion or meat of the shellfish.

Additional analyses were conducted on the May and November shellfish collections from both indicator (MS-06) and control (MS-56) locations where mussel shells (MS) were also analyzed for Strontium 90 (four samples) to see if there is any indication of strontium uptake into the shell. These analyses are not required by the REMP as defined in the ODCM.

The only radionuclide detected in shellfish samples (either edible portion or shell) in 2006 was naturally occurring K-40. No plant related gamma emitting radionuclides or strontium was detected. Therefore, no increasing or decreasing trends were observed. Subsequently, there is no dose to the public or impact to the environment, from this pathway, from plant operations. This is consistent with the pre-operational program and with previous years of plant operations.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Mussel Body (MU) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (8) (0)		1.3E 1 (-4.2 - 7.4)E 1 (0/ 4)	59	1.3E 2 (1.3 - 1.3)E 2 (0/ 2)	3.2E 1 (-9.4 - 13.3)E 1 (0/ 4)
K-40 (8) (0)		1.1E 3 (8.4 - 12.5)E 2 (4/ 4)	56	1.5E 3 (1.1 - 1.9)E 3 (2/ 2)	1.3E 3 (8.1 - 19.4)E 2 (4/ 4)
Cr-51 (8) (0)		4.9E 1 (-1.6 - 1.4)E 2 (0/ 4)	06	1.1E 2 (8.7 - 14.0)E 1 (0/ 2)	-4.8E 1 (-1.9 - 0.2)E 2 (0/ 4)
Mn-54 (8) (0)	130	-1.6E 0 (-8.8 - 5.0)E 0 (0/ 4)	56	8.0E 0 (-1.4 - 17.3)E 0 (0/ 2)	6.3E 0 (-1.4 - 17.3)E 0 (0/ 4)
Co-57 (8) (0)		9.5E -1 (-3.4 - 6.8)E 0 (0/ 4)	09	2.5E 0 (-1.8 - 6.8)E 0 (0/ 2)	-4.7E -1 (-4.7 - 7.2)E 0 (0/ 4)
Co-58 (8) (0)	130	7.5E 0 (-2.4 - 16.2)E 0 (0/ 4)	09	8.2E 0 (6.7 - 9.6)E 0 (0/ 2)	-3.0E 0 (-2.1 - 0.8)E 1 (0/ 4)
Fe-59 (8) (0)	260	1.8E 0 (-8.0 - 8.0)E 0 (0/ 4)	06	3.5E 0 (0.0 - 7.0)E 0 (0/ 2)	-1.2E 1 (-2.8 - 0.4)E 1 (0/ 4)
Co-60 (8) (0)	130	6.5E 0 (-1.4 - 1.9)E 1 (0/ 4)	06	1.5E 1 (1.0 - 1.9)E 1 (0/ 2)	3.3E 0 (-7.1 - 9.5)E 0 (0/ 4)
Zn-65 (8) (0)	260	-1.5E 1 (-4.5 - 1.2)E 1 (0/ 4)	06	2.0E 0 (-8.0 - 12.0)E 0 (0/ 2)	-7.0E 0 (-2.1 - 1.3)E 1 (0/ 4)
Se-75 (8) (0)		-7.1E 0 (-1.5 - 0.1)E 1 (0/ 4)	59	9.5E 0 (5.8 - 13.2)E 0 (0/ 2)	6.3E 0 (2.1 - 13.2)E 0 (0/ 4)
Zr-95 (8) (0)		-2.5E -1 (-1.0 - 1.3)E 1 (0/ 4)	06	6.0E 0 (-1.0 - 13.0)E 0 (0/ 2)	-5.0E 0 (-2.2 - 2.0)E 1 (0/ 4)
Ru-103 (8) (0)		7.9E 0 (-2.5 - 13.1)E 0 (0/ 4)	09	1.1E 1 (1.0 - 1.1)E 1 (0/ 2)	-7.8E 0 (-2.0 - 0.1)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Mussel Body (MU) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-106 (8) (0)		1.9E 1 (-3.6 - 5.5)E 1 (0/ 4)	06	5.0E 1 (4.5 - 5.5)E 1 (0/ 2)	-2.1E 1 (-1.3 - 0.8)E 2 (0/ 4)
Ag-108m (8) (0)		-5.2E -1 (-1.0 - 0.4)E 1 (0/ 4)	56	3.4E 0 (-9.0 - 77.0)E -1 (0/ 2)	3.1E 0 (-3.3 - 9.0)E 0 (0/ 4)
Ag-110m (8) (0)		-4.4E 0 (-1.4 - 0.3)E 1 (0/ 4)	06	-2.8E 0 (-8.5 - 3.0)E 0 (0/ 2)	-5.5E 0 (-1.6 - 0.0)E 1 (0/ 4)
Sb-124 (8) (0)		-1.5E 0 (-2.8 - 4.7)E 1 (0/ 4)	06	9.5E 0 (-2.8 - 4.7)E 1 (0/ 2)	-5.0E 0 (-1.7 - 1.4)E 1 (0/ 4)
Sb-125 (8) (0)		3.0E 0 (-3.0 - 13.0)E 0 (0/ 4)	56	3.4E 1 (2.9 - 3.9)E 1 (0/ 2)	9.5E 0 (-3.4 - 3.9)E 1 (0/ 4)
I-131 (8) (0)		9.8E 0 (-2.0 - 4.7)E 1 (0/ 4)	56	8.0E 1 (2.0 - 13.9)E 1 (0/ 2)	3.3E 1 (-2.4 - 13.9)E 1 (0/ 4)
Cs-134 (8) (0)	130	4.8E 0 (1.9 - 9.5)E 0 (0/ 4)	06	6.3E 0 (3.0 - 9.5)E 0 (0/ 2)	-1.4E 0 (-1.8 - 0.9)E 1 (0/ 4)
Cs-137 (8) (0)	150	2.2E 0 (-9.0 - 14.8)E 0 (0/ 4)	09	1.2E 1 (9.8 - 14.8)E 0 (0/ 2)	4.8E 0 (-1.2 - 14.1)E 0 (0/ 4)
Ba-140 (8) (0)		1.1E 0 (-1.2 - 0.6)E 1 (0/ 4)	59	2.1E 1 (0.0 - 4.1)E 1 (0/ 2)	2.0E 1 (-1.3 - 5.2)E 1 (0/ 4)
Ce-141 (8) (0)		-8.3E 0 (-2.8 - 1.0)E 1 (0/ 4)	59	-2.5E 0 (-2.0 - 1.5)E 1 (0/ 2)	-1.4E 1 (-4.5 - 1.5)E 1 (0/ 4)
Ce-144 (8) (0)		-1.2E 1 (-3.7 - -0.2)E 1 (0/ 4)	59	4.0E 0 (3.0 - 5.0)E 0 (0/ 2)	-1.7E 1 (-4.3 - 0.5)E 1 (0/ 4)
Th-232 (8) (0)		7.0E 0 (-3.0 - 6.7)E 1 (0/ 4)	06	3.2E 1 (-4.0 - 67.0)E 0 (0/ 2)	-1.2E 1 (-4.8 - 0.4)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses

Radiological Environmental Program Summary
 Seabrook Nuclear Power Station, Seabrook, NH
 (January - December 2006)

MEDIUM: Mussel Shell (MS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations	
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)	
Sr-90	(4)	300	2.9E 1 (-3.2 - 8.9)E 1 (0/ 2)	06	2.9E 1 (-3.2 - 8.9)E 1 (0/ 2)	1.0E 1 (-7.9 - 9.9)E (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.10 Irish Moss

There is no REMP requirement to collect Irish Moss (algae) samples. Semiannual Chondrus (Irish Moss) samples were collected from an indicator area near plant discharge and a control location within Ipswich Bay. If plant related radionuclides were re-concentrating in the aquatic environment, an early indication of this may be shown in this type of environmental species. Four routine samples (two indicators and two controls) were collected for the year. One additional sample was collected from the control location to investigate a positive indication of Iodine 131.

A gamma analysis was performed on each sample. Naturally occurring Potassium 40 and Beryllium-7 were detected in most samples for both indicator and control stations. One sample from a control location (AL-55) collected in May also indicated the presence of low level I-131 (41.6 pCi/l) at about a factor of 1.6 above its MDC. The control location is situated approximately 17.4 Km from the plant. No other plant related radionuclides were detected in any samples, including no detectable I-131 in the indicator sampling location near the plant discharge point. An additional algae sample was collected in July from location AL-55 to investigate the positive iodine, but no detectable I-131 was found in this sample. A review of plant effluent discharge records indicated that no measurable I-131 was released from the plant. It is highly unlikely due to the distance from the plant and the lack of any detectable releases of iodine in plant effluents that the I-131 found in the May sample could have been from Seabrook Station. The May collection period was marked by significantly above normal rainfall. Since I-131 (8 day half-life) is also used in the medical industry for patient treatments, the washout of medical related I-131 into Ipswich Bay can not be ruled out.

Therefore, no plant related increasing or decreasing trends were observed. Subsequently, there is no dose to the public or impact to the environment, through this pathway, from plant operations. This is consistent with the pre-operational program and with previous years of plant operations.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Irish Moss (AL) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (5) (0)		1.4E 2 (1.0 - 1.8)E 2 (2/ 2)	55	1.5E 2 (7.2 - 20.8)E 1 (2/ 3)	1.5E 2 (7.2 - 20.8)E 1 (2/ 3)
K-40 (5) (0)		5.9E 3 (4.5 - 7.4)E 3 (2/ 2)	55	6.1E 3 (5.5 - 6.7)E 3 (3/ 3)	6.1E 3 (5.5 - 6.7)E 3 (3/ 3)
Cr-51 (5) (0)		-1.0E 1 (-1.4 - -0.6)E 1 (0/ 2)	55	2.6E 1 (6.0 - 50.0)E 0 (0/ 3)	2.6E 1 (6.0 - 50.0)E 0 (0/ 3)
Mn-54 (5) (0)		-1.6E 0 (-3.5 - 0.4)E 0 (0/ 2)	55	3.2E 0 (5.0 - 81.0)E -1 (0/ 3)	3.2E 0 (5.0 - 81.0)E -1 (0/ 3)
Co-57 (5) (0)		-5.0E -1 (-1.8 - 0.8)E 0 (0/ 2)	55	1.7E -1 (-3.0 - 9.0)E -1 (0/ 3)	1.7E -1 (-3.0 - 9.0)E -1 (0/ 3)
Co-58 (5) (0)		3.7E 0 (1.1 - 6.3)E 0 (0/ 2)	55	6.2E 0 (2.0 - 11.0)E 0 (0/ 3)	6.2E 0 (2.0 - 11.0)E 0 (0/ 3)
Fe-59 (5) (0)		-1.4E 0 (-7.5 - 4.7)E 0 (0/ 2)	55	7.3E 0 (-8.0 - 24.0)E 0 (0/ 3)	7.3E 0 (-8.0 - 24.0)E 0 (0/ 3)
Co-60 (5) (0)		-6.5E -1 (-3.3 - 2.0)E 0 (0/ 2)	55	3.4E 0 (-1.2 - 8.2)E 0 (0/ 3)	3.4E 0 (-1.2 - 8.2)E 0 (0/ 3)
Zn-65 (5) (0)		-6.3E 0 (-1.7 - 0.4)E 1 (0/ 2)	05	-6.3E 0 (-1.7 - 0.4)E 1 (0/ 2)	-2.1E 1 (-2.6 - -1.8)E 1 (0/ 3)
Se-75 (5) (0)		-1.3E 0 (-4.6 - 1.9)E 0 (0/ 2)	55	1.7E 0 (-7.0 - 53.0)E -1 (0/ 3)	1.7E 0 (-7.0 - 53.0)E -1 (0/ 3)
Zr-95 (5) (0)		2.3E 0 (-3.4 - 8.0)E 0 (0/ 2)	05	2.3E 0 (-3.4 - 8.0)E 0 (0/ 2)	-6.7E -1 (-5.3 - 5.3)E 0 (0/ 3)
Ru-103 (5) (0)		0.0E 0 (-2.2 - 2.2)E 0 (0/ 2)	55	3.4E 0 (-2.3 - 9.7)E 0 (0/ 3)	3.4E 0 (-2.3 - 9.7)E 0 (0/ 3)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Irish Moss (AL) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Station
Ru-106 (5) (0)		-9.0E 0 (-3.1 - 1.3)E 1 (0/ 2)	55	1.7E 0 (-3.8 - 5.7)E 1 (0/ 3)	55	1.7E 0 (-3.8 - 5.7)E 1 (0/ 3)	55
Ag-108m (5) (0)		-5.0E -1 (-1.3 - 0.3)E 0 (0/ 2)	55	2.3E 0 (-3.2 - 10.1)E 0 (0/ 3)	55	2.3E 0 (-3.2 - 10.1)E 0 (0/ 3)	55
Ag-110m (5) (0)		1.1E 0 (0.0 - 2.2)E 0 (0/ 2)	55	1.8E 0 (-7.0 - 64.0)E -1 (0/ 3)	55	1.8E 0 (-7.0 - 64.0)E -1 (0/ 3)	55
Sb-124 (5) (0)		-2.8E 0 (-3.2 - -2.4)E 0 (0/ 2)	05	-2.8E 0 (-3.2 - -2.4)E 0 (0/ 2)	05	-7.0E 0 (-1.2 - 0.0)E 1 (0/ 3)	05
Sb-125 (5) (0)		-7.0E -1 (-4.7 - 3.3)E 0 (0/ 2)	05	-7.0E -1 (-4.7 - 3.3)E 0 (0/ 2)	05	-1.4E 0 (-1.3 - 0.9)E 1 (0/ 3)	05
I-131 (5) (0)		1.4E 1 (2.0 - 25.0)E 0 (0/ 2)	55	2.8E 1 (9.0 - 41.6)E 0 (1/ 3)	55	2.8E 1 (9.0 - 41.6)E 0 (1/ 3)	55
Cs-134 (5) (0)	60	1.0E 0 (-1.6 - 3.6)E 0 (0/ 2)	55	1.3E 0 (-2.7 - 3.3)E 0 (0/ 3)	55	1.3E 0 (-2.7 - 3.3)E 0 (0/ 3)	55
Cs-137 (5) (0)	80	1.0E 0 (-2.0 - 22.0)E -1 (0/ 2)	05	1.0E 0 (-2.0 - 22.0)E -1 (0/ 2)	05	8.0E -1 (-8.4 - 7.9)E 0 (0/ 3)	05
Ba-140 (5) (0)		1.0E -1 (-2.7 - 2.9)E 0 (0/ 2)	55	3.8E 0 (2.0 - 7.0)E 0 (0/ 3)	55	3.8E 0 (2.0 - 7.0)E 0 (0/ 3)	55
Ce-141 (5) (0)		8.0E -1 (-3.9 - 5.5)E 0 (0/ 2)	05	8.0E -1 (-3.9 - 5.5)E 0 (0/ 2)	05	-8.7E -1 (-4.2 - 1.5)E 0 (0/ 3)	05
Ce-144 (5) (0)		-1.3E 1 (-1.3 - -1.2)E 1 (0/ 2)	55	3.3E 0 (-1.7 - 2.5)E 1 (0/ 3)	55	3.3E 0 (-1.7 - 2.5)E 1 (0/ 3)	55
Th-232 (5) (0)		-6.2E 0 (-1.9 - 0.7)E 1 (0/ 2)	55	0.0E 0 (-2.0 - 2.9)E 1 (0/ 3)	55	0.0E 0 (-2.0 - 2.9)E 1 (0/ 3)	55

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.11 Food Crop

There is no requirement for food crop or vegetation samples as long as the required milk locations are available. As noted in Section 3.3, milk sampling at the minimum required number of locations in 2006 was not possible due to the limited inventory of milk animal sites in the plant vicinity. To compensate for this, vegetation samples were collected as part of the REMP. Section 3.12 describes the alternate broad leafy vegetation (TG) collections.

In addition to the broad leafy vegetation sampling, nine food crop (TF) samples were collected from three locations during the growing season months (June, July and August). These include strawberries (June), green beans (July), and corn (August) samples. For the year, a total of nine food crop samples were collected and analyzed for gamma emitting radionuclides.

The only radionuclide detected in 2006 was naturally occurring K-40. Potassium 40 was detected in all samples from both indicator and control stations. No plant related radionuclides were detected in any samples. Therefore, no increasing or decreasing trends are identified. Subsequently, there is no dose to the public or impact on the environment through this pathway from plant operations. This is consistent with the pre-operational program and with previous years of plant operations.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Food Crop (TF) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (9) (0)		5.2E 1 (0.0 - 1.3)E 2 (0/ 6)	02	9.0E 1 (5.1 - 13.0)E 1 (0/ 3)	-4.6E 1 (-1.5 - 0.2)E 2 (0/ 3)
K-40 (9) (0)		1.8E 3 (6.8 - 26.1)E 2 (6/ 6)	02	2.0E 3 (9.0 - 26.1)E 2 (3/ 3)	1.5E 3 (7.0 - 26.5)E 2 (3/ 3)
Cr-51 (9) (0)		9.5E 0 (-7.0 - 21.0)E 1 (0/ 6)	02	4.1E 1 (-7.0 - 21.0)E 1 (0/ 3)	-8.2E 1 (-1.6 - 0.3)E 2 (0/ 3)
Mn-54 (9) (0)		2.8E 0 (-1.6 - 1.6)E 1 (0/ 6)	02	9.5E 0 (4.6 - 16.0)E 0 (0/ 3)	-3.3E 0 (-6.1 - 0.0)E 0 (0/ 3)
Co-57 (9) (0)		-1.2E -1 (-7.1 - 3.8)E 0 (0/ 6)	02	1.5E 0 (-2.6 - 3.8)E 0 (0/ 3)	-4.7E -1 (-3.0 - 2.0)E 0 (0/ 3)
Co-58 (9) (0)		-9.8E 0 (-2.8 - 1.8)E 1 (0/ 6)	06	6.0E 0 (-1.0 - 2.9)E 1 (0/ 3)	6.0E 0 (-1.0 - 2.9)E 1 (0/ 3)
Fe-59 (9) (0)		-3.3E 0 (-1.6 - 2.9)E 1 (0/ 6)	03	1.3E 0 (-1.6 - 2.9)E 1 (0/ 3)	-1.6E 1 (-2.3 - -0.8)E 1 (0/ 3)
Co-60 (9) (0)		-3.1E 0 (-1.8 - 1.9)E 1 (0/ 6)	02	4.7E 0 (-1.5 - 1.9)E 1 (0/ 3)	-1.2E 0 (-2.0 - 1.5)E 1 (0/ 3)
Zn-65 (9) (0)		-9.0E 0 (-5.1 - 2.6)E 1 (0/ 6)	02	1.0E 0 (-3.7 - 2.6)E 1 (0/ 3)	-1.5E 1 (-2.7 - 0.0)E 1 (0/ 3)
Se-75 (9) (0)		-3.8E 0 (-1.6 - 1.0)E 1 (0/ 6)	06	8.5E 0 (2.6 - 20.0)E 0 (0/ 3)	8.5E 0 (2.6 - 20.0)E 0 (0/ 3)
Zr-95 (8) (0)		5.2E 0 (-1.7 - 3.3)E 1 (0/ 5)	02	1.2E 1 (-9.0 - 33.0)E 0 (0/ 2)	1.0E 0 (-8.0 - 11.0)E 0 (0/ 3)
Ru-103 (9) (0)		-1.0E 0 (-2.3 - 1.5)E 1 (0/ 6)	02	2.0E -1 (-1.1 - 1.5)E 1 (0/ 3)	-1.1E 1 (-2.4 - -0.1)E 1 (0/ 3)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Food Crop (TF) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Station
Ru-106 (9) (0)		3.1E 1 (-9.3 - 15.3)E 1 (0/ 6)	03	4.3E 1 (-9.3 - 15.3)E 1 (0/ 3)	03	1.3E 1 (-2.4 - 8.4)E 1 (0/ 3)	03
Ag-108m (9) (0)		-1.0E 0 (-7.9 - 12.2)E 0 (0/ 6)	03	2.0E 0 (-7.9 - 12.2)E 0 (0/ 3)	03	-4.6E 0 (-1.5 - 0.5)E 1 (0/ 3)	03
Ag-110m (9) (0)		5.0E -1 (-1.2 - 1.5)E 1 (0/ 6)	03	9.3E 0 (4.0 - 15.0)E 0 (0/ 3)	03	-1.9E 1 (-4.5 - -0.4)E 1 (0/ 3)	03
Sb-124 (9) (0)		7.0E 0 (-2.6 - 4.4)E 1 (0/ 6)	03	8.0E 0 (0.0 - 1.3)E 1 (0/ 3)	03	-1.7E 1 (-3.4 - 0.0)E 1 (0/ 3)	03
Sb-125 (9) (0)		-9.7E 0 (-5.7 - 3.2)E 1 (0/ 6)	06	2.9E 1 (-3.0 - 45.0)E 0 (0/ 3)	06	2.9E 1 (-3.0 - 45.0)E 0 (0/ 3)	06
I-131 (9) (0)	60	5.7E 0 (-3.2 - 5.6)E 1 (0/ 6)	02	6.0E 0 (-3.2 - 5.6)E 1 (0/ 3)	02	-1.1E 1 (-3.2 - 2.4)E 1 (0/ 3)	02
Cs-134 (9) (0)	60	1.3E -1 (-2.0 - 1.1)E 1 (0/ 6)	03	1.2E 0 (-1.1 - 0.9)E 1 (0/ 3)	03	-1.4E 0 (-9.0 - 5.2)E 0 (0/ 3)	03
Cs-137 (9) (0)	80	8.0E -1 (-1.9 - 1.6)E 1 (0/ 6)	03	1.6E 0 (-1.9 - 1.6)E 1 (0/ 3)	03	-7.0E -1 (-5.3 - 4.2)E 0 (0/ 3)	03
Ba-140 (9) (0)		5.0E -1 (-9.0 - 11.0)E 0 (0/ 6)	06	7.3E 0 (0.0 - 2.2)E 1 (0/ 3)	06	7.3E 0 (0.0 - 2.2)E 1 (0/ 3)	06
Ce-141 (9) (0)		-8.7E 0 (-3.1 - 0.4)E 1 (0/ 6)	03	-4.3E 0 (-1.1 - 0.0)E 1 (0/ 3)	03	-5.0E 0 (-1.5 - 1.3)E 1 (0/ 3)	03
Ce-144 (9) (0)		-6.7E 0 (-4.6 - 3.9)E 1 (0/ 6)	03	1.0E 0 (-3.5 - 3.9)E 1 (0/ 3)	03	-2.5E 1 (-7.3 - 1.0)E 1 (0/ 3)	03
Th-232 (9) (0)		-1.6E 1 (-4.4 - 1.0)E 1 (0/ 6)	06	1.0E 1 (-3.6 - 3.9)E 1 (0/ 3)	06	1.0E 1 (-3.6 - 3.9)E 1 (0/ 3)	06

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses

3.12 Vegetation

In lieu of milk sampling, the ODCM, Table A.9.1-1, requires broad leafy vegetation (TG) samples grown nearest of two different offsite locations with the highest D/Q, and one control location 15-30 km distant in the least prevalent wind direction, be collected when available (growing season). Offsite locations are defined in the UFSAR, as a minimum, the land beyond a 3000-foot radius of the two Containment building centerlines. The analysis of garden locations in the Land Use Census provides a ranking of potential sampling sites for use in determining sampling locations in the general population. Since sampling of three different types of broad leaf garden vegetables at high D/Q locations is not feasible due to uncertain availability, other types of broad leafy vegetation were utilized.

Two locations at the site boundary with a maximum D/Q (higher values than determined in the 2006 land use census garden listing) were selected over ranked D/Q gardens in the general population. These two locations (TG-08 and TG-09) are on FPL Energy property in areas with available sample media. A third far field control location (TG-10) was selected in Georgetown, MA. Sampling tree leaves as broad leaf vegetation at the selected locations provide increased reliability for sample availability. For 2006, monthly (six month growing season, May through October) broad leaf vegetation samples from the three sites were collected and analyzed gamma spectroscopy.

The only radionuclides detected in 2006 were naturally occurring K-40 and Be-7. Both radionuclides were detected at both indicator and control locations for all samples. No plant related radionuclides were detected in any samples. Utilizing the results of broad leaf vegetation sampling for broad leaf food products, there was no detectable dose impact to the public or on the environment through this food ingestion pathway from plant operations.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Vegetation (TG) UNITS: pCi/kg wet

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Be-7 (18) (0)		1.9E 3 (4.9 - 45.7)E 2 (12/ 12)	09	2.1E 3 (7.0 - 41.6)E 2 (6/ 6)	1.1E 3 (6.2 - 16.9)E 2 (6/ 6)
K-40 (18) (0)		3.4E 3 (2.3 - 4.3)E 3 (12/ 12)	08	3.6E 3 (3.1 - 4.3)E 3 (6/ 6)	3.4E 3 (2.6 - 4.2)E 3 (6/ 6)
Cr-51 (18) (0)		-3.1E 1 (-2.3 - 1.3)E 2 (0/ 12)	08	1.1E 1 (-2.3 - 1.3)E 2 (0/ 6)	-9.4E 1 (-1.8 - 0.8)E 2 (0/ 6)
Mn-54 (18) (0)		5.7E -1 (-1.1 - 1.8)E 1 (0/ 12)	09	2.3E 0 (-1.1 - 1.7)E 1 (0/ 6)	1.4E 0 (-9.0 - 11.2)E 0 (0/ 6)
Co-57 (18) (0)		1.2E 0 (-7.0 - 12.3)E 0 (0/ 12)	08	1.9E 0 (-6.2 - 12.3)E 0 (0/ 6)	-7.5E -1 (-4.8 - 11.0)E 0 (0/ 6)
Co-58 (18) (0)		-3.1E 0 (-2.1 - 3.9)E 1 (0/ 12)	08	-1.7E 0 (-2.1 - 3.9)E 1 (0/ 6)	-3.7E 0 (-1.1 - 0.4)E 1 (0/ 6)
Fe-59 (18) (0)		-2.3E 0 (-3.0 - 4.4)E 1 (0/ 12)	10	5.8E 0 (-2.4 - 5.4)E 1 (0/ 6)	5.8E 0 (-2.4 - 5.4)E 1 (0/ 6)
Co-60 (18) (0)		1.5E 0 (-1.9 - 1.8)E 1 (0/ 12)	10	6.2E 0 (-3.1 - 20.0)E 0 (0/ 6)	6.2E 0 (-3.1 - 20.0)E 0 (0/ 6)
Zn-65 (18) (0)		-1.9E 1 (-7.2 - 5.0)E 1 (0/ 12)	10	1.8E 1 (-1.2 - 6.3)E 1 (0/ 6)	1.8E 1 (-1.2 - 6.3)E 1 (0/ 6)
Se-75 (18) (0)		6.5E 0 (-2.0 - 28.0)E 0 (0/ 12)	09	7.8E 0 (-6.0 - 280.0)E -1 (0/ 6)	2.5E 0 (-2.1 - 2.6)E 1 (0/ 6)
Zr-95 (18) (0)		-8.1E 0 (-2.8 - 2.7)E 1 (0/ 12)	09	2.3E 0 (-1.4 - 2.7)E 1 (0/ 6)	3.3E -1 (-3.6 - 3.7)E 1 (0/ 6)
Ru-103 (18) (0)		-5.4E -1 (-2.4 - 1.8)E 1 (0/ 12)	09	9.2E -1 (-7.5 - 18.0)E 0 (0/ 6)	-5.4E 0 (-1.6 - 0.1)E 1 (0/ 6)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2006)

MEDIUM: Vegetation (TG) UNITS: pCi/kq wet

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range (No. Detected**)	Station	Mean Range (No. Detected**)	Mean Range (No. Detected**)
Ru-106 (18) (0)		-1.8E 1 (-1.2 - 1.7)E 2 (0/ 12)	09	1.6E 1 (-1.0 - 1.7)E 2 (0/ 6)	-1.2E 1 (-1.9 - 0.9)E 2 (0/ 6)
Ag-108m (18) (0)		-3.6E 0 (-1.8 - 1.9)E 1 (0/ 12)	09	-2.2E -1 (-1.8 - 1.9)E 1 (0/ 6)	-2.3E 0 (-1.2 - 1.0)E 1 (0/ 6)
Ag-110m (18) (0)		-7.7E 0 (-3.7 - 0.6)E 1 (0/ 12)	08	-3.8E 0 (-1.3 - 0.5)E 1 (0/ 6)	-4.2E 0 (-1.8 - 1.0)E 1 (0/ 6)
Sb-124 (18) (0)		-1.1E 1 (-6.0 - 3.4)E 1 (0/ 12)	10	9.3E 0 (-1.0 - 3.5)E 1 (0/ 6)	9.3E 0 (-1.0 - 3.5)E 1 (0/ 6)
Sb-125 (18) (0)		-1.7E 1 (-4.4 - 2.2)E 1 (0/ 12)	09	-7.7E 0 (-2.7 - 1.5)E 1 (0/ 6)	-8.7E 0 (-4.5 - 2.2)E 1 (0/ 6)
I-131 (36) (0)	60	4.7E 0 (-7.8 - 8.8)E 1 (0/ 24)	08	1.0E 1 (-1.6 - 8.8)E 1 (0/ 12)	-2.1E 1 (-9.7 - 1.3)E 1 (0/ 12)
Cs-134 (18) (0)	60	7.0E 0 (-1.9 - 3.5)E 1 (0/ 12)	08	9.1E 0 (-1.9 - 3.5)E 1 (0/ 6)	8.2E -1 (-2.8 - 2.3)E 1 (0/ 6)
Cs-137 (18) (0)	80	9.9E 0 (-4.0 - 39.0)E 0 (0/ 12)	09	1.5E 1 (-3.0 - 39.0)E 0 (0/ 6)	9.5E 0 (-1.4 - 3.3)E 1 (0/ 6)
Ba-140 (18) (0)		-1.3E 1 (-9.5 - 4.9)E 1 (0/ 12)	10	1.1E 1 (-9.0 - 26.0)E 0 (0/ 6)	1.1E 1 (-9.0 - 26.0)E 0 (0/ 6)
Ce-141 (18) (0)		-4.2E -1 (-3.6 - 3.9)E 1 (0/ 12)	10	6.0E 0 (-5.0 - 19.0)E 0 (0/ 6)	6.0E 0 (-5.0 - 19.0)E 0 (0/ 6)
Ce-144 (18) (0)		2.4E 1 (-3.9 - 8.8)E 1 (0/ 12)	08	3.4E 1 (-9.0 - 88.0)E 0 (0/ 6)	5.3E 0 (-2.4 - 2.9)E 1 (0/ 6)
Th-232 (18) (0)		6.5E 1 (1.0 - 12.0)E 1 (0/ 12)	09	7.5E 1 (1.0 - 12.0)E 1 (0/ 6)	2.3E 1 (-5.7 - 6.2)E 1 (0/ 6)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.

** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.13 Direct Radiation

Direct gamma radiation exposure was measured with thermoluminescent dosimeters (TLDs). Two TLD badges are placed at each of the monitoring stations. Each TLD badge has 3 $\text{CaSO}_4: \text{Tm}$ elements. A location result is an average of six independent readings per quarter. A total of forty-seven stations are located offsite, forty of which are required. The badges were collected and readout on a quarterly schedule.

The exposure rates were normalized to a 91-day quarter. A summary of the 2006 data is shown in Table 3.1. Overall, the REMP direct radiation program showed no statistically significant indication of increased direct radiation above the variable background measured exposure rate in unrestricted areas. This is demonstrated by the fact that indicator location results are statistically the same as control locations. The 2006 annual mean of all indicator locations was 16.2 mR/91-day quarter while the mean of all control locations was 17.4 mR/91-day quarter. This verifies that there is no statistical difference in the annual dose as a function of distance from the plant. The fractional difference of the 2006 TLD measurements compared with pre-operational TLD measurements (see Table 3.2 for pre-operational history) also shows that no direct dose beyond the site boundary was attributed to station operation during 2006.

The direct radiation-monitoring program demonstrated that there was no offsite dose to the public or impact to the environment from the operation of the plant. Therefore, no increasing or decreasing trends were detected.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 4.

TABLE 3.1

Environmental TLD Measurements
Net Exposure in mR/Standard Quarter (91 days)

2006

Sta. No.	Description	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Annual
		Exp.	S.D.	Exp.	S.D.	Exp.	S.D.	Exp.	S.D.	Ave. Exp.
TL-01	Brimmer's Lane	17.8	+ 0.8	19.4	+ 0.8	18.6	+ 0.9	19.2	+ 1.5	18.8
TL-02	Landing Road	13.2	+ 0.4	15.0	+ 1.0	13.4	+ 0.9	13.7	+ 0.9	13.8
TL-03	Glade Path	14.1	+ 0.8	16.3	+ 0.8	14.8	+ 0.8	15.1	+ 0.9	15.1
TL-04	Island Path	14.4	+ 0.5	16.6	+ 0.7		+ 0.7	15.4	+ 0.7	15.5
TL-05	Harbor Road		+ 13.3	+ 0.6	12.3	+ 0.6	12.6	+ 0.7	12.7	
TL-06	Barge Landing	13.7	+ 0.4	15.1	+ 0.5	14.4	+ 0.8	14.2	+ 0.8	14.3
TL-07	Cross Road	11.7	+ 0.4	13.2	+ 0.8	12.2	+ 0.8	12.4	+ 0.8	12.4
TL-08	Farm Lane	14.9	+ 0.8	16.3	+ 0.7	15.5	+ 0.7	15.9	+ 0.9	15.6
TL-09	Farm Lane	16.3	+ 0.7	16.1	+ 0.8	16.3	+ 0.7	16.3	+ 0.9	16.2
TL-10	Site Boundary	16.8	+ 0.9	18.5	+ 0.9	17.7	+ 0.8	18.0	+ 1.0	17.7
TL-11	Site Boundary	17.3	+ 0.6	19.4	+ 2.0	17.7	+ 0.8	17.4	+ 1.0	17.9
TL-12	Site Boundary	18.0	+ 0.7	19.4	+ 0.6	18.3	+ 0.8	18.6	+ 0.9	18.6
TL-13	Inside Site Boundary	18.7	+ 0.6	20.0	+ 0.9	19.0	+ 1.0	20.0	+ 1.2	19.4
TL-14	Trailer Park	15.4	+ 0.6	16.9	+ 1.1	15.4	+ 0.8	16.3	+ 0.9	16.0
TL-15	Brimmer's Lane	18.1	+ 0.7	20.2	+ 1.1	20.1	+ 1.0	19.9	+ 1.0	19.5
TL-16	Brimmer's Lane	16.0	+ 0.6	17.0	+ 0.8	16.0	+ 0.8	16.4	+ 0.8	16.3
TL-17	South Road	15.5	+ 0.7	17.4	+ 1.2	15.6	+ 0.8	16.5	+ 1.1	16.3
TL-18	Mill Road	14.9	+ 0.6	16.7	+ 0.6	15.3	+ 0.7	15.2	+ 0.7	15.5
TL-19	Appledore Avenue	15.0	+ 0.6	16.6	+ 0.6	15.1	+ 0.7	15.1	+ 0.8	15.5
TL-20	Ashworth Avenue	16.7	+ 0.9	18.0	+ 1.1	17.3	+ 0.8			17.3
TL-21	Route 1A	15.1	+ 0.8	16.6	+ 0.8	15.5	+ 0.7	16.0	+ 0.8	15.8
TL-22	Cable Avenue	15.9	+ 0.5	16.9	+ 0.5	16.6	+ 0.8	16.9	+ 1.0	16.6
TL-23	Ferry Road	14.8	+ 0.7	15.8	+ 0.8	16.5	+ 2.0	15.8	+ 0.9	15.7
TL-24	Ferry Lots Lane	13.9	+ 0.6	15.5	+ 0.6	16.1	+ 0.8	15.6	+ 0.8	15.3
TL-25	Elm Street	16.0	+ 0.8	17.2	+ 0.9	15.9	+ 1.2	15.6	+ 1.0	16.2
TL-26	Route 107A	15.4	+ 0.7	16.2	+ 0.6	15.7	+ 0.7	15.6	+ 0.9	15.7
TL-27	Highland Street	15.1	+ 0.7	16.1	+ 0.7	16.3	+ 0.8	16.2	+ 1.1	15.9
TL-28	Route 150	15.7	+ 0.6	16.7	+ 1.0	15.8	+ 0.8	16.0	+ 0.9	16.1
TL-29	Frying Pan Lane	15.1	+ 0.6	16.0	+ 0.8	15.2	+ 0.7	16.0	+ 0.8	15.6
TL-30	Route 27	14.8	+ 0.7	15.9	+ 0.8	15.5	+ 0.9	15.8	+ 0.9	15.5
TL-31	Alumni Drive	13.9	+ 0.5	14.8	+ 0.8	14.4	+ 0.8	13.9	+ 0.7	14.3
TL-32	SB Elementary School	17.1	+ 0.6	18.1	+ 0.8	18.0	+ 0.8	17.6	+ 0.9	17.7
TL-33	Dock Area	18.8	+ 0.9	19.7	+ 0.9	18.8	+ 0.9	19.1	+ 0.9	19.1
TL-34	Bow Street	19.4	+ 0.9	19.8	+ 1.0	19.0	+ 0.8	20.1	+ 1.0	19.6
TL-35	Lincoln Ack. School	17.3	+ 0.8	18.2	+ 0.9	17.7	+ 0.7	18.3	+ 1.1	17.9
TL-36	Route 97 (Control)	14.2	+ 0.6	14.7	+ 0.7	18.3	+ 1.4	15.5	+ 0.8	15.7
TL-37	Plaistow, NH (Control)	17.4	+ 0.8	17.8	+ 0.8	17.8	+ 1.0	18.7	+ 1.0	17.9
TL-38	Hampstead, NH (Control)	19.6	+ 0.8	19.9	+ 0.7	18.7	+ 0.9	19.5	+ 1.1	19.4
TL-39	Fremont, NH (Control)	21.6	+ 0.7	22.1	+ 1.2	21.2	+ 1.8	22.0	+ 1.5	21.7
TL-40	Newmarket, NH (Control)	15.6	+ 0.5	16.6	+ 0.6	16.8	+ 0.8	16.6	+ 1.1	16.4

TABLE 3.1

Environmental TLD Measurements
Net Exposure in mR/Standard Quarter (91 days)

2006

Sta. No.	Description	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Annual
		Exp.	S.D.	Exp.	S.D.	Exp.	S.D.	Exp.	S.D.	Ave. Exp.
TL-41	Portsmouth, NH (Control)	16.6	+ 0.7	16.9	+ 0.9	16.5	+ 1.3	17.0	+ 0.9	16.8
TL-42	Ipswich, MA (Control)	13.5	+ 0.5	14.5	+ 0.5	14.1	+ 0.9	14.2	+ 0.7	14.1
TL-43	Rocks Road Landing	12.6	+ 0.5	13.7	+ 0.6	13.6	+ 0.8	13.4	+ 0.6	13.3
TL-44	SB Education Center	14.7	+ 0.8	15.0	+ 0.6	15.4	+ 0.7	14.5	+ 0.9	14.9
TL-45	Hampton Fire Station	17.0	+ 0.6	17.6	+ 1.1	17.3	+ 0.9	17.4	+ 0.8	17.3
TL-46	SB Police Station	16.1	+ 0.7	16.5	+ 0.6	16.5	+ 0.9	16.5	+ 0.9	16.4
TL-47	Route 84	14.9	+ 0.8	15.9	+ 0.8	16.0	+ 0.7	16.1	+ 1.1	15.7
	Mean of Indicators	15.7		16.8		16.2		16.3		16.2
	Mean of Controls	16.9		17.5		17.6		17.7		17.4

Table 3.2

**Pre-Operational Environmental TLD Measurements
Net Exposure in mR/Standard Quarter (91 days)**

	1st Quarter <u>Exp.</u>	2nd Quarter <u>Exp.</u>	3rd Quarter <u>Exp.</u>	4th Quarter <u>Exp.</u>	Annual Ave. <u>Exp.</u>
1982					
Mean of Indicators	--	17.1	18.1	17.5	17.6
Mean of Controls	--	16.9	18.1	17.9	16.8
1983					
Mean of Indicators	16.7	17.1	18.8	17.9	17.6
Mean of Controls	16.9	17.5	18.7	18.4	17.9
1984					
Mean of Indicators	16.1	17.1	16.9	17.5	17.0
Mean of Controls	17.6	17.4	15.8	18.7	17.4
1985					
Mean of Indicators	16.9	18.0	18.9	16.1	17.4
Mean of Controls	16.8	17.7	18.9	16.1	17.4
1986					
Mean of Indicators	14.0	15.5	15.3	15.0	15.0
Mean of Controls	13.9	18.0	16.8	15.1	16.0
1987					
Mean of Indicators	12.7	14.8	15.0	14.4	14.2
Mean of Controls	13.0	14.8	15.3	15.0	14.6
1988					
Mean of Indicators	13.5	14.1	14.7	14.9	14.3
Mean of Controls	13.3	14.4	18.1	14.6	15.1
1989					
Mean of Indicators	14.4	14.3	--	--	14.4
Mean of Controls	<u>14.0</u>	<u>14.4</u>	<u>--</u>	<u>--</u>	<u>14.2</u>
All Pre-Operational					
Mean of Indicators	14.9	16.0	16.8	16.2	15.9
Mean of Controls	15.1	16.4	17.4	16.5	16.2

FIGURE 3.6

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

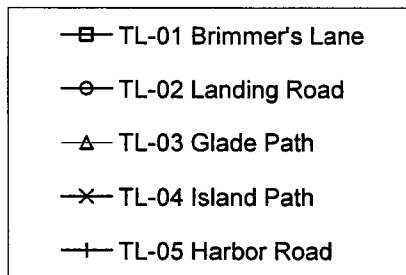
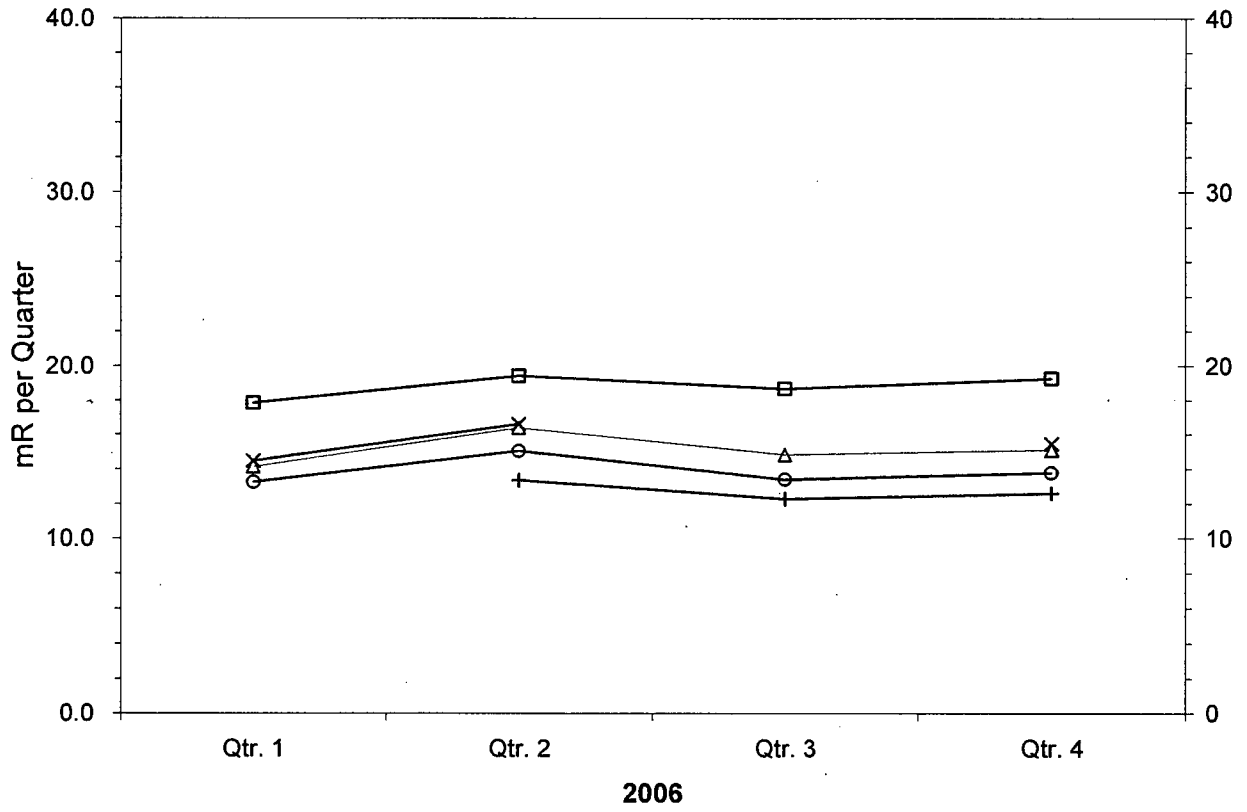
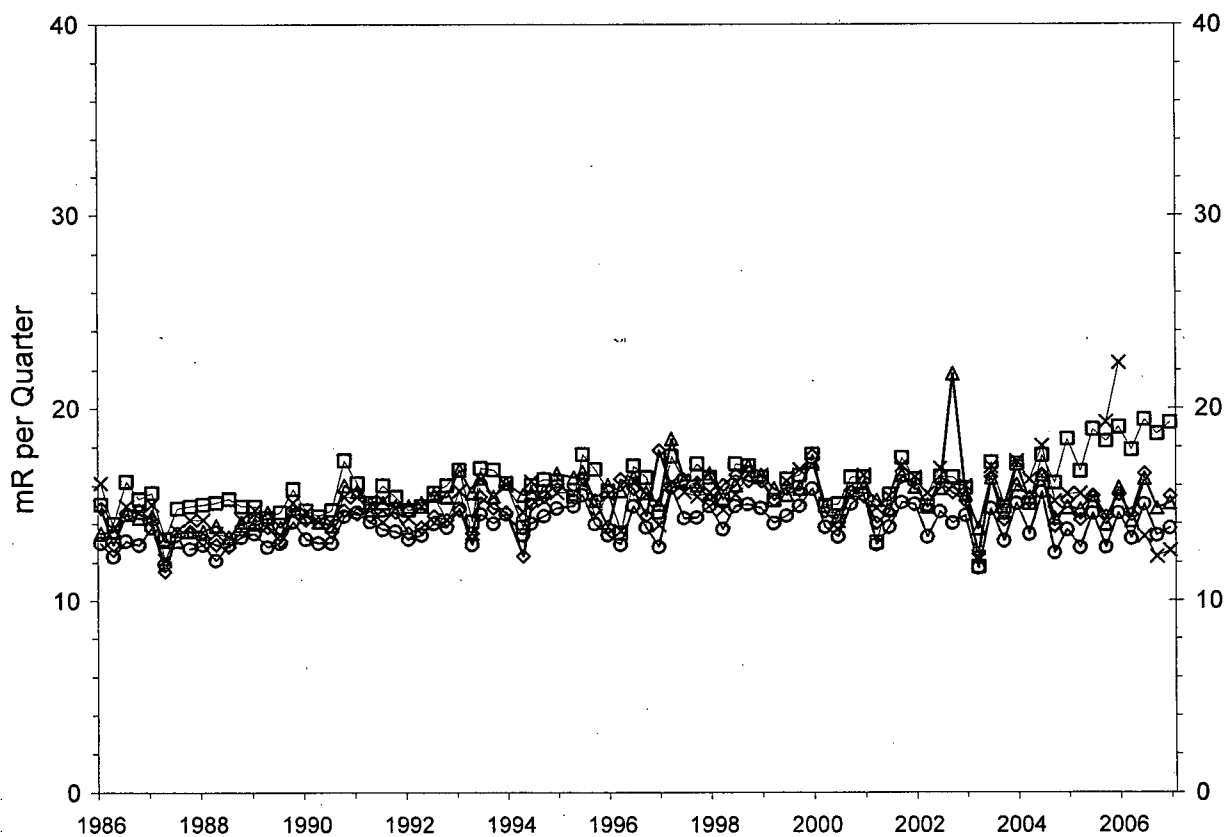


FIGURE 3.6.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-01 Brimmer's Lane
- TL-02 Landing Road
- △— TL-03 Glade Path
- ◇— TL-04 Island Path
- ×— TL-05 Harbor Road

FIGURE 3.7

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

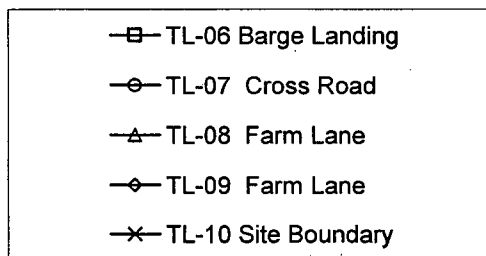
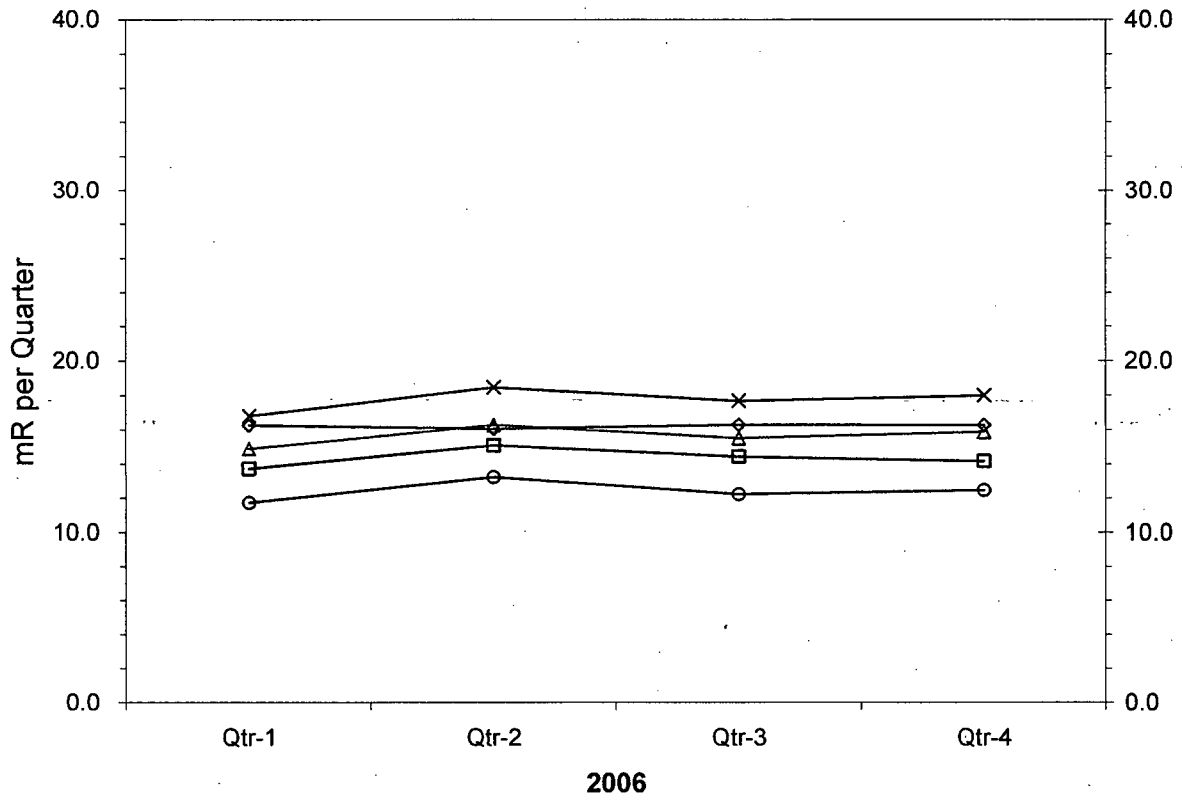


FIGURE 3.7.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

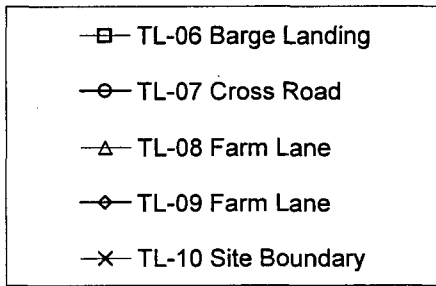
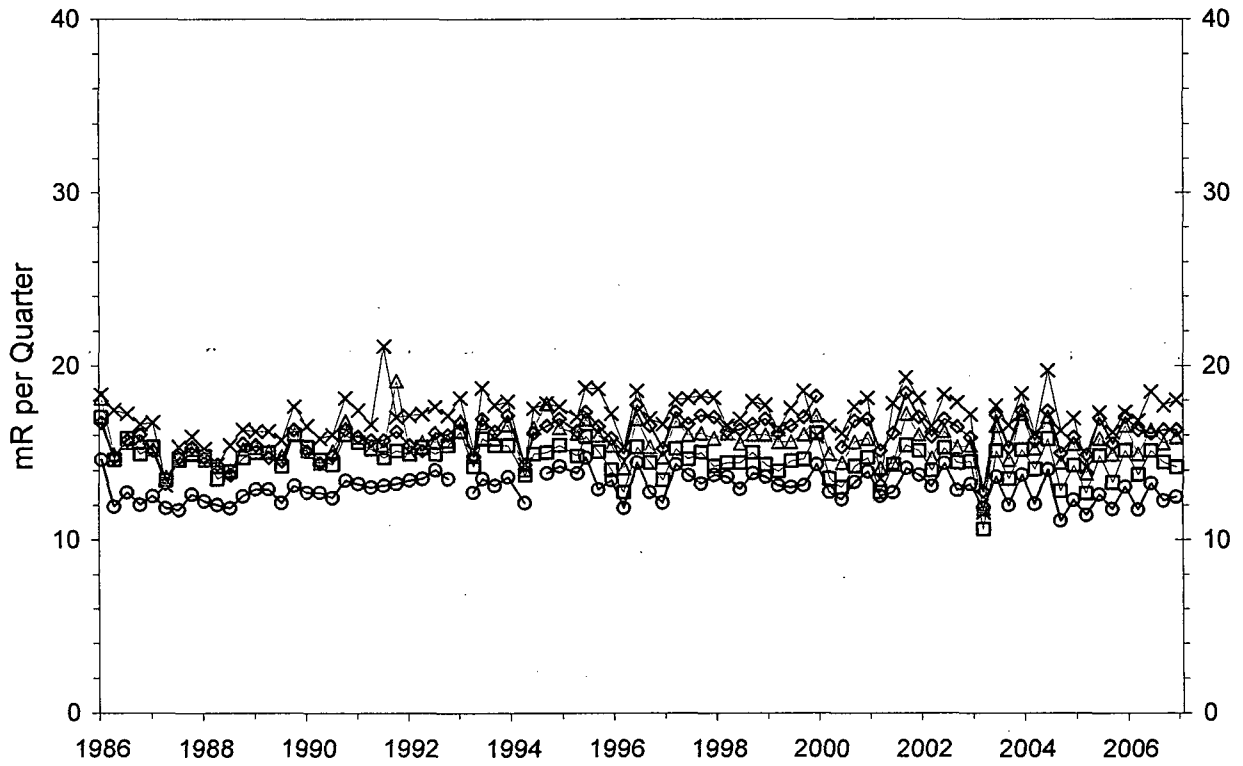
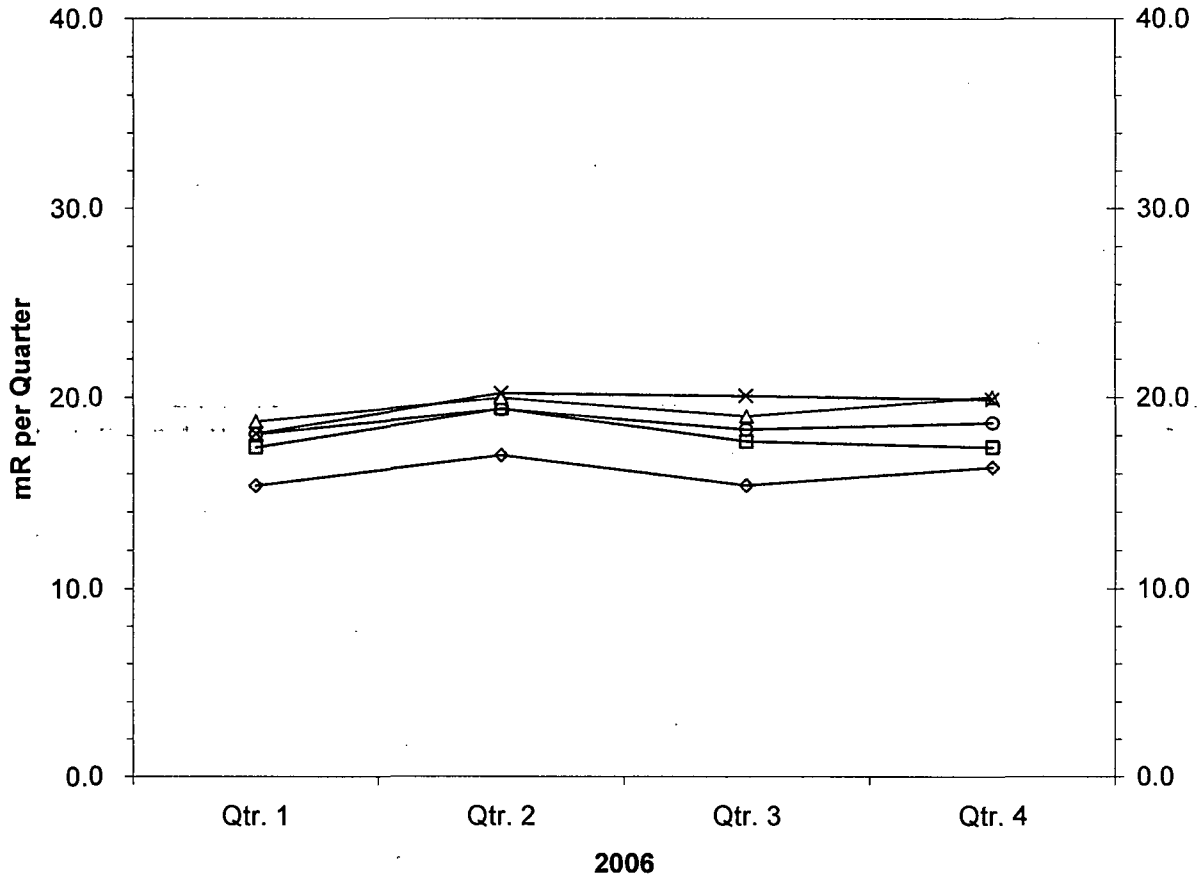


FIGURE 3.8

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-11 Site Boundary
- TL-12 Site Boundary
- △- TL-13 Inside Site Boundary
- ◇- TL-14 Trailer Park
- ×- TL-15 Brimmer's Lane

FIGURE 3.8.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

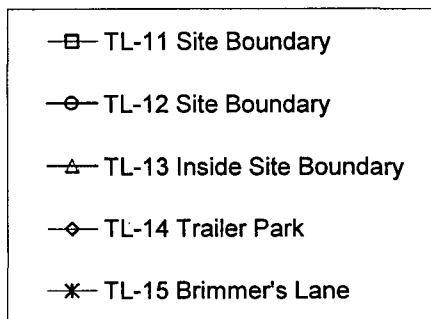
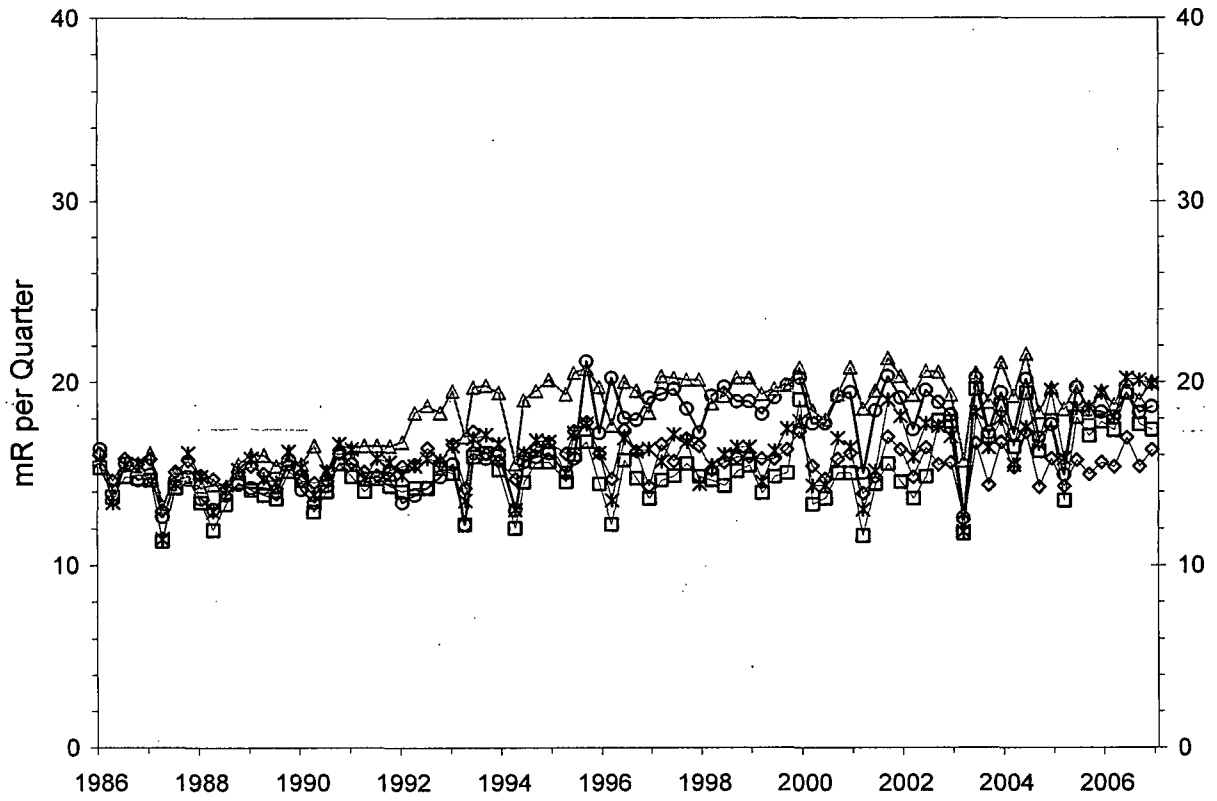
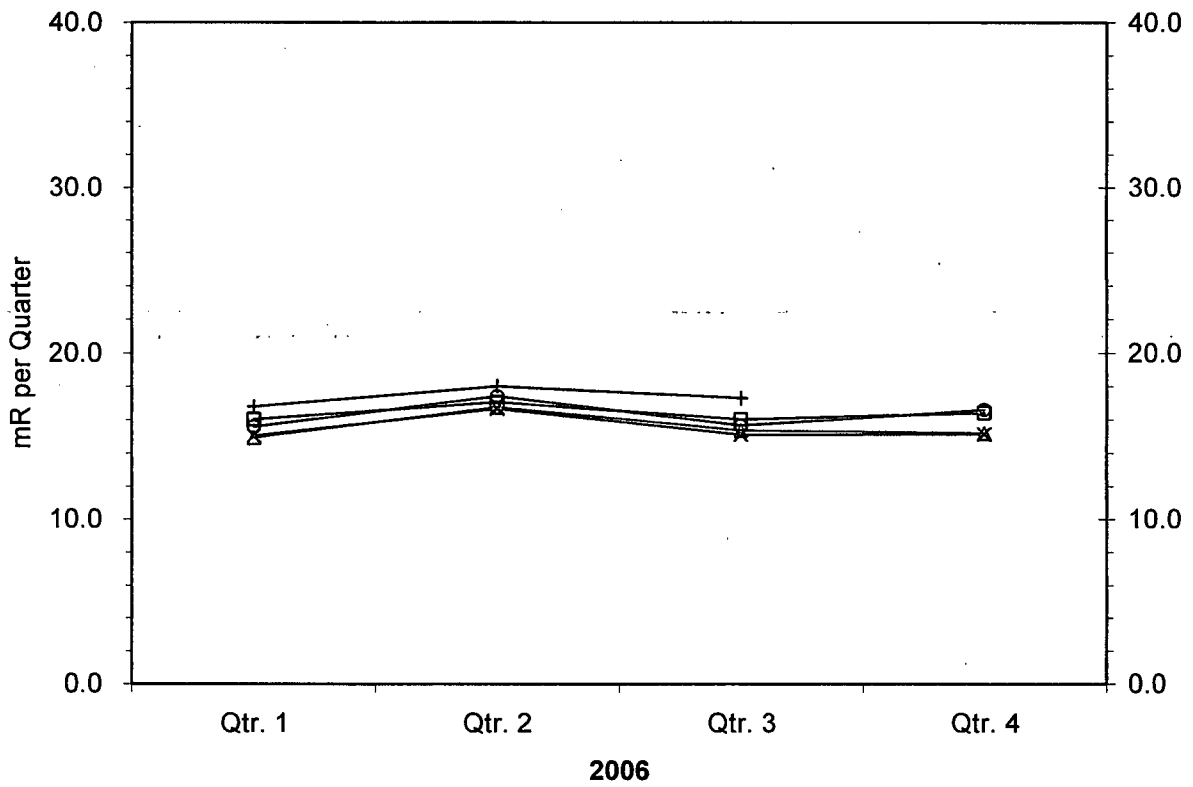


FIGURE 3.9

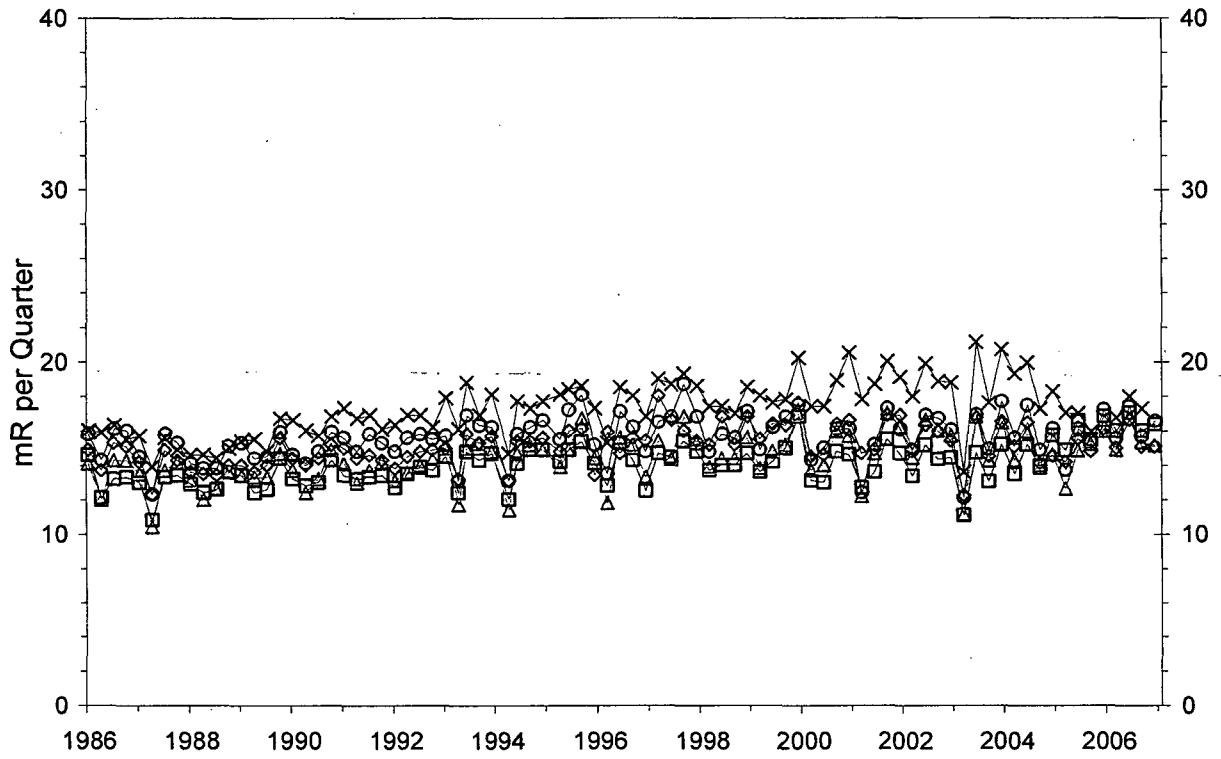
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-16 Brimmer's Lane
- TL-17 South Road
- TL-18 Mill Road
- TL-19 Appledore Avenue
- TL-20 Ashworth Avenue

FIGURE 3.9.1

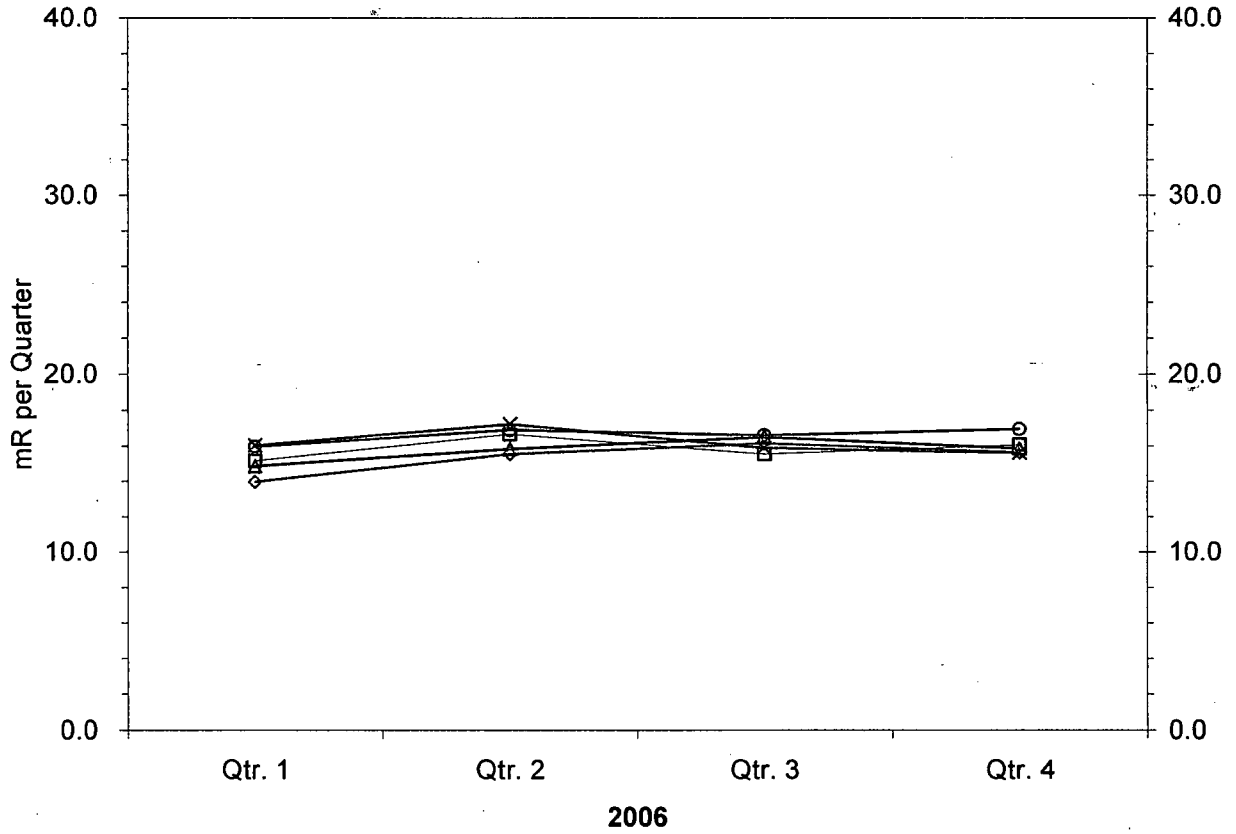
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-16 Brimmer's Lane
- TL-17 South Road
- △— TL-18 Mill Road
- ◇— TL-19 Appledore Avenue
- ×— TL-20 Ashworth Avenue

FIGURE 3.10

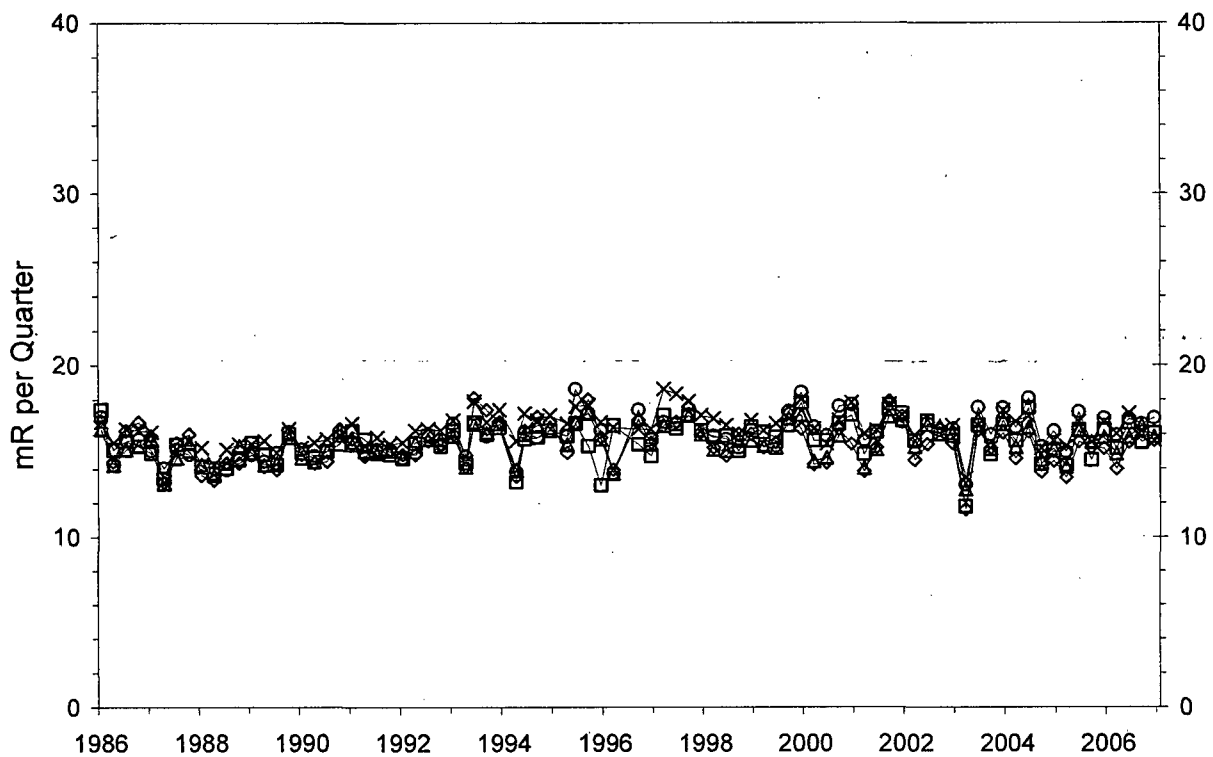
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-21 Route 1A
- TL-22 Cable Avenue
- △— TL-23 Ferry Road
- ◇— TL-24 Ferry Lots Lane
- ×— TL-25 Elm Street

FIGURE 3.10.1

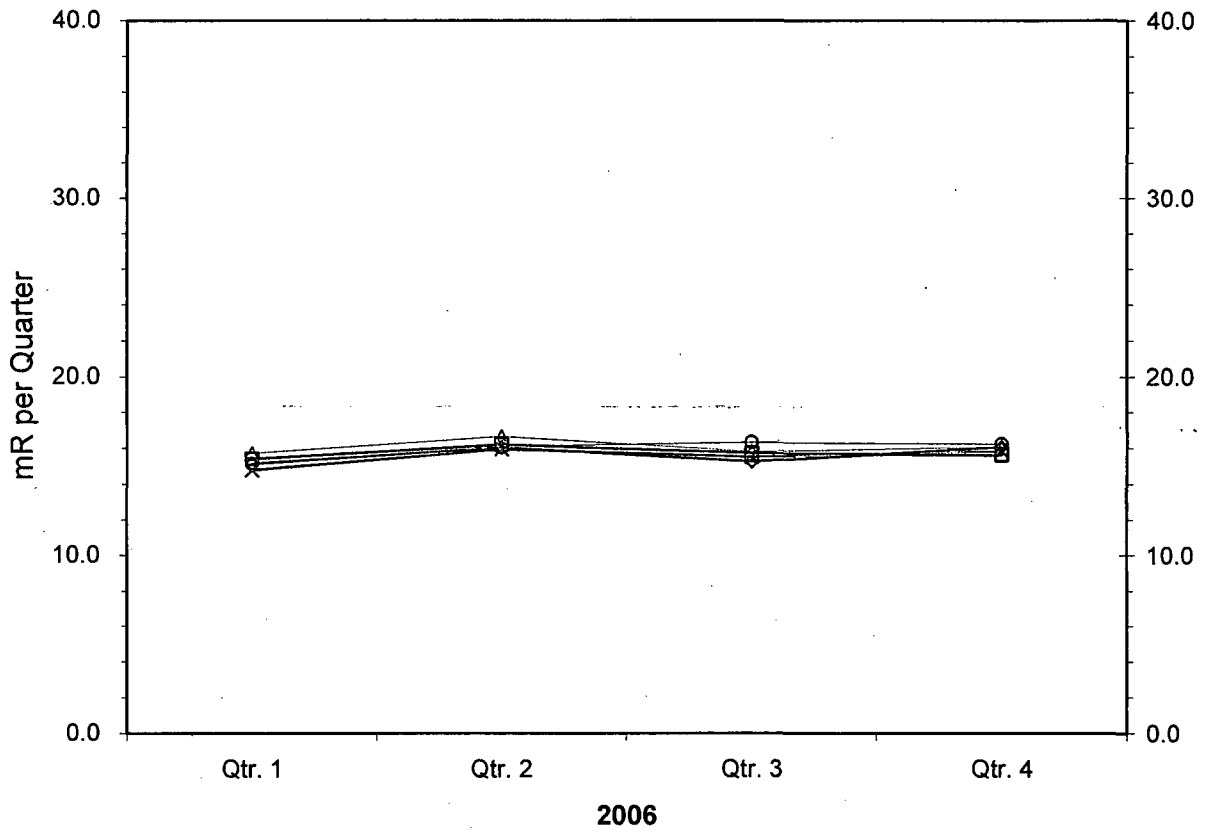
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-21 Route 1A
- TL-22 Cable Avenue
- △— TL-23 Ferry Road
- ◇— TL-24 Ferry Lots Lane
- ×— TL-25 Elm Street

FIGURE 3.11

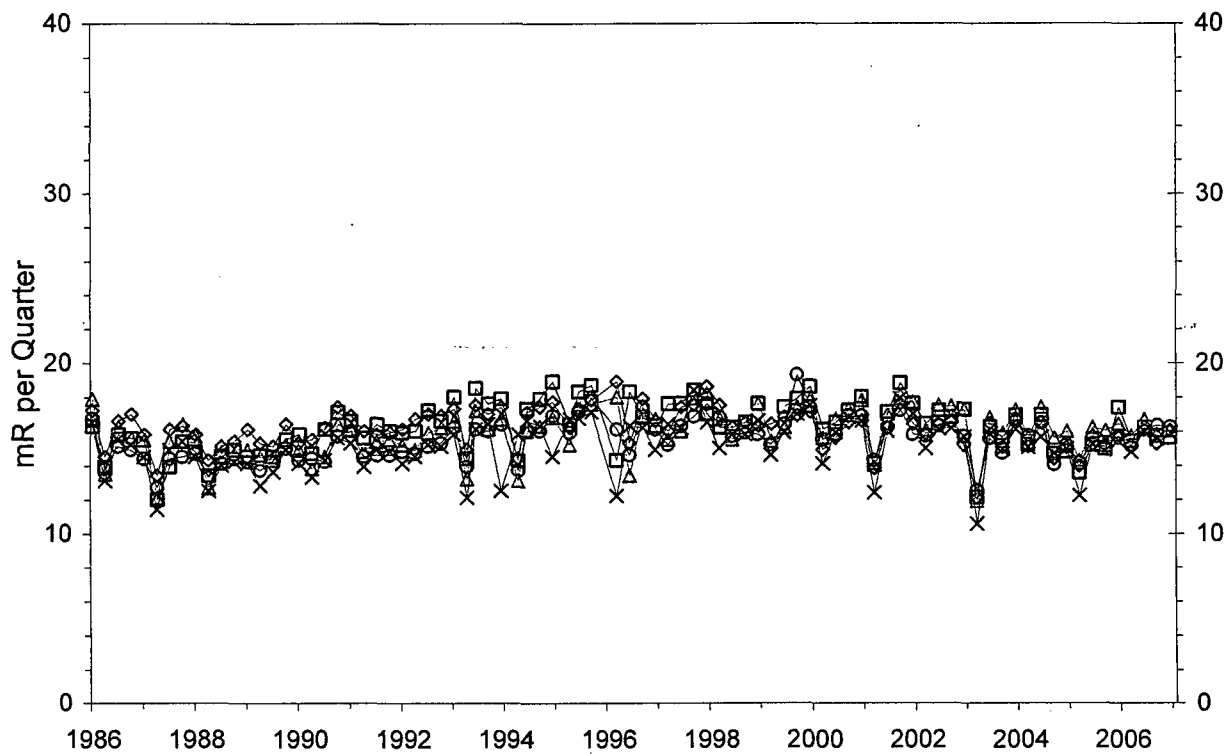
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-26 Route 107A
- TL-27 Highland Street
- △— TL-28 Route 150
- ◇— TL-29 Frying Pan Lane
- ×— TL-30 Route 27

FIGURE 3.11.1

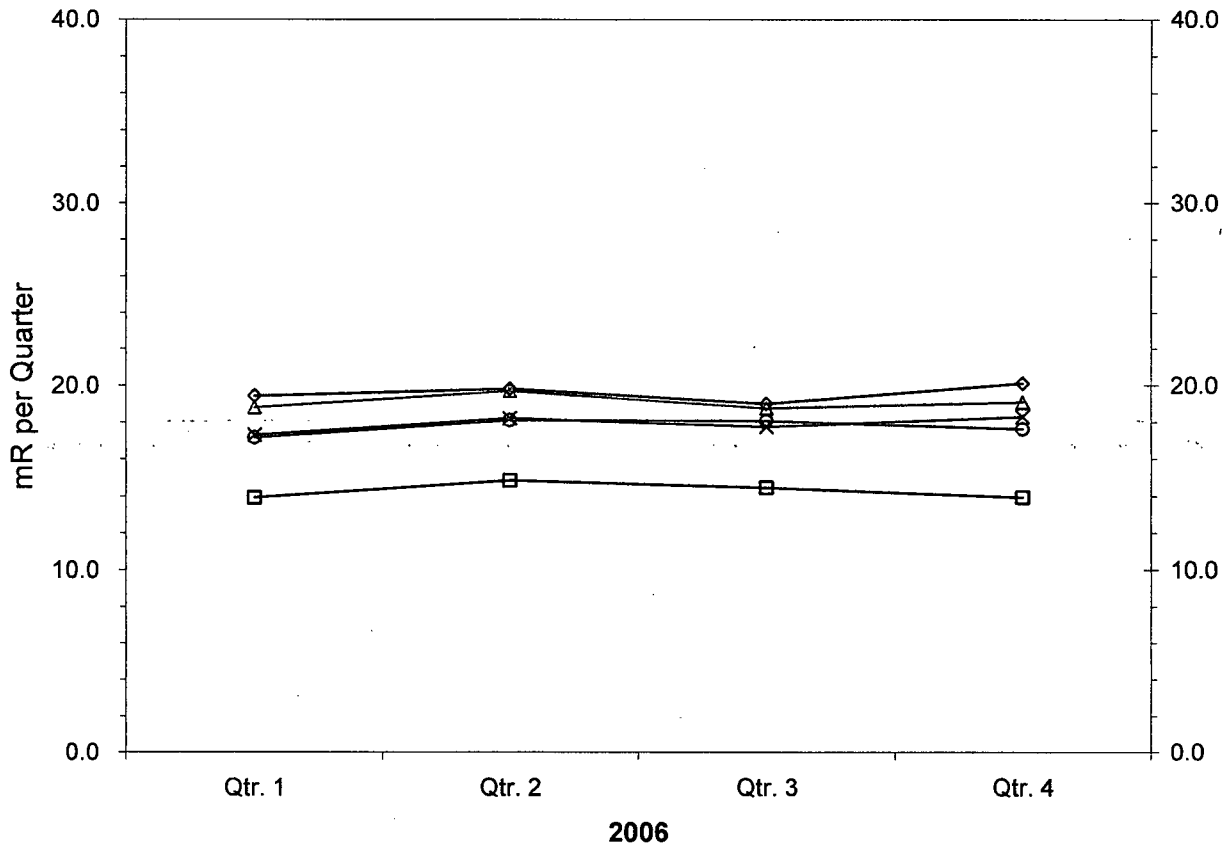
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-26 Route 107A
- TL-27 Highland Street
- △— TL-28 Route 150
- ◇— TL-29 Frying Pan Lane
- ×— TL-30 Route 27

FIGURE 3.12

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-31 Alumni Drive
- TL-32 SB Elementary School
- △— TL-33 Dock Area
- ◇— TL-34 Bow Street
- ×— TL-35 Lincoln Ackerman School

FIGURE 3.12.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

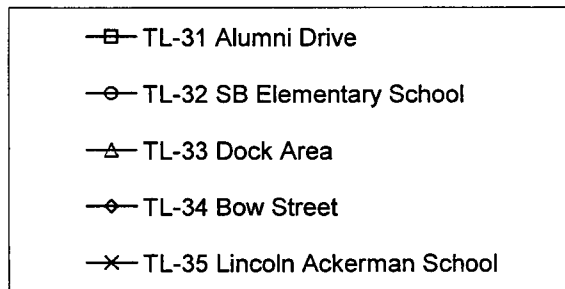
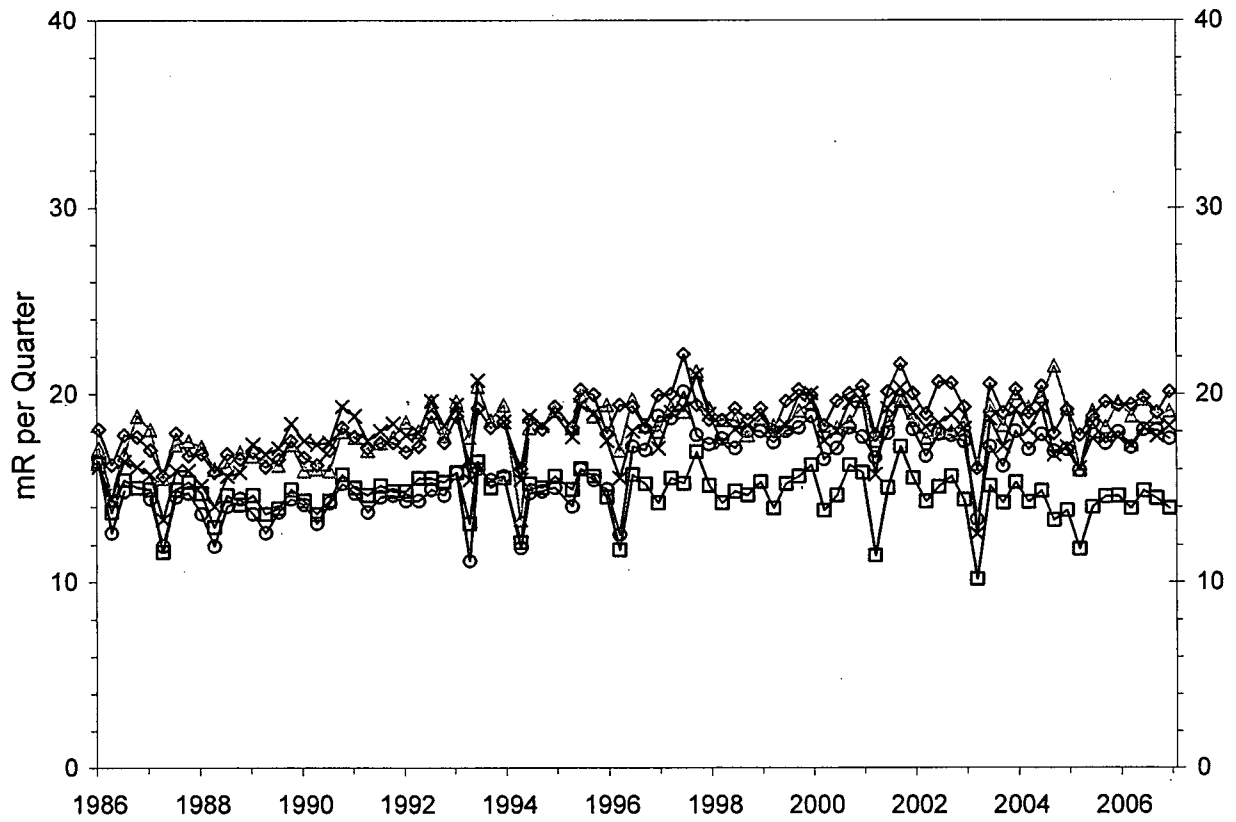
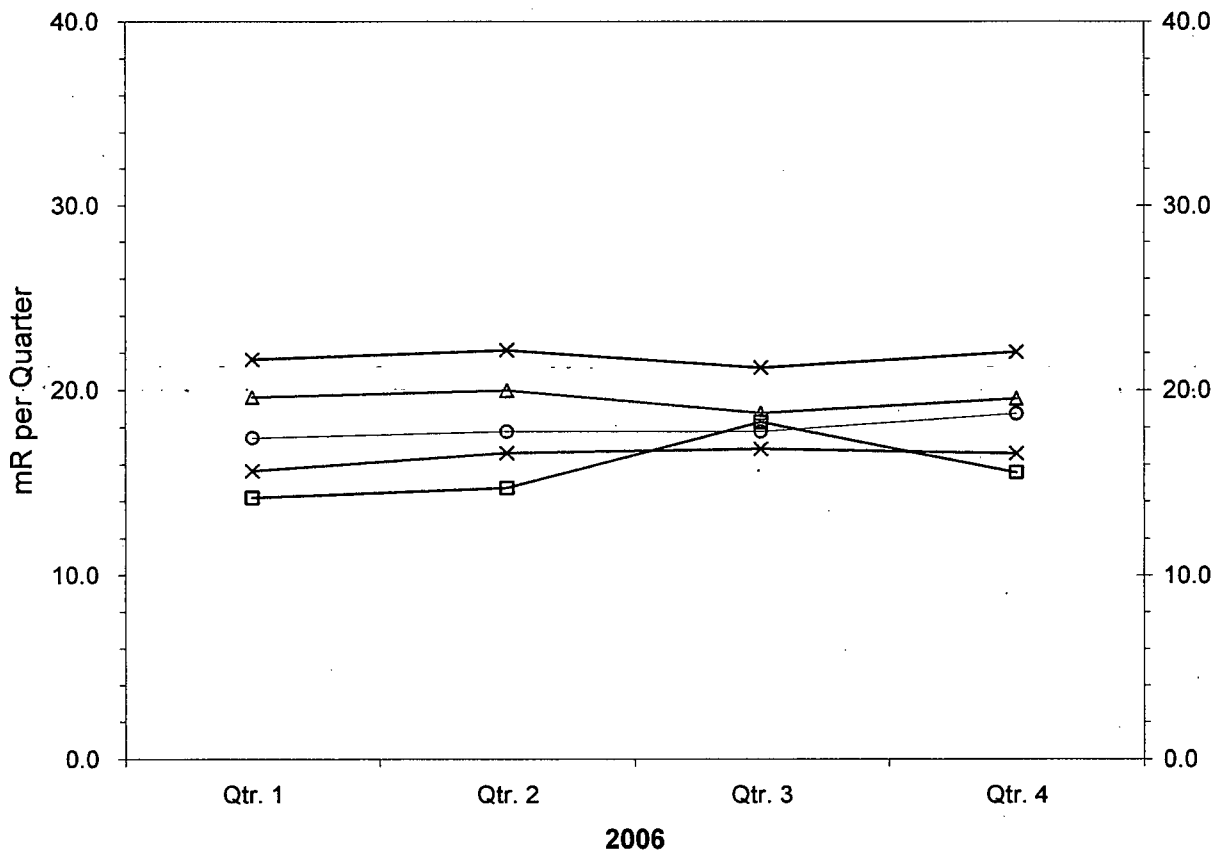


FIGURE 3.13

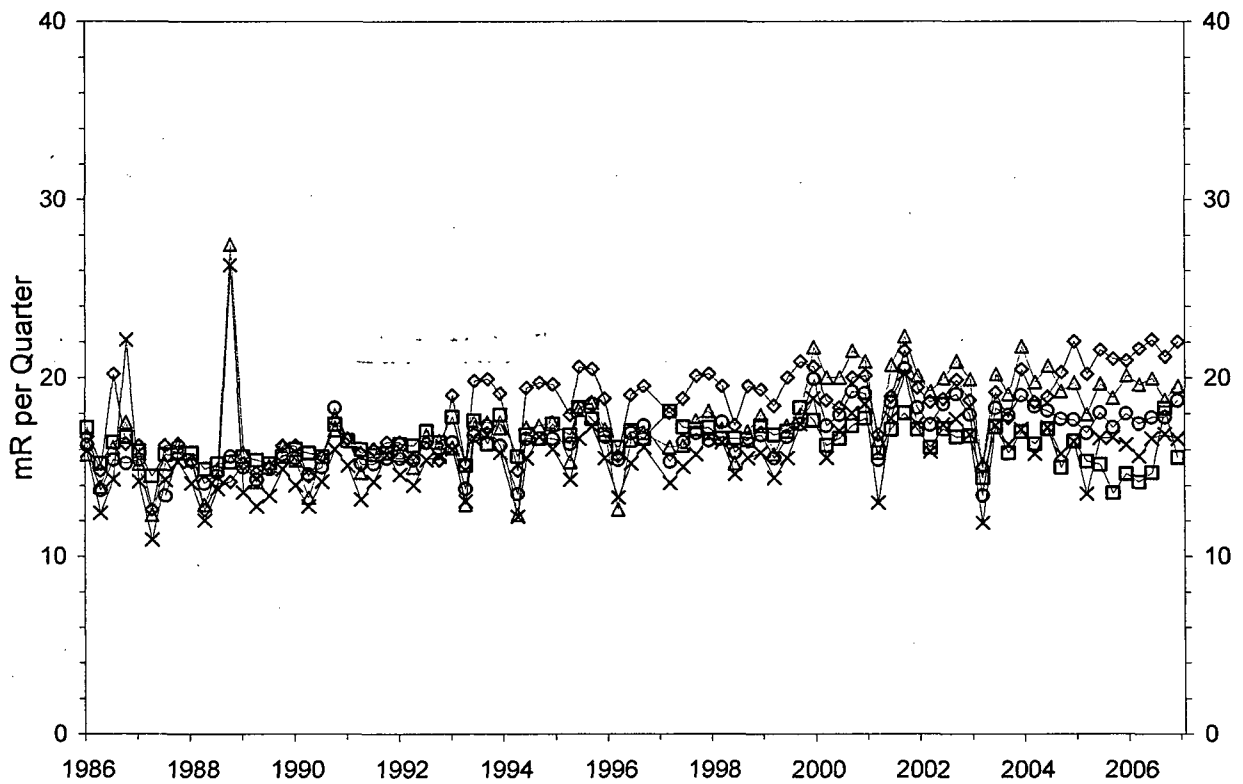
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-36 Route 97 (Control)
- TL-37 Plaistow, NH (Control)
- △— TL-38 Hampstead NH (Control)
- ×— TL-39 Fremont, NH (Control)
- ×— TL-40 Newmarket, NH (Control)

FIGURE 3.13.1

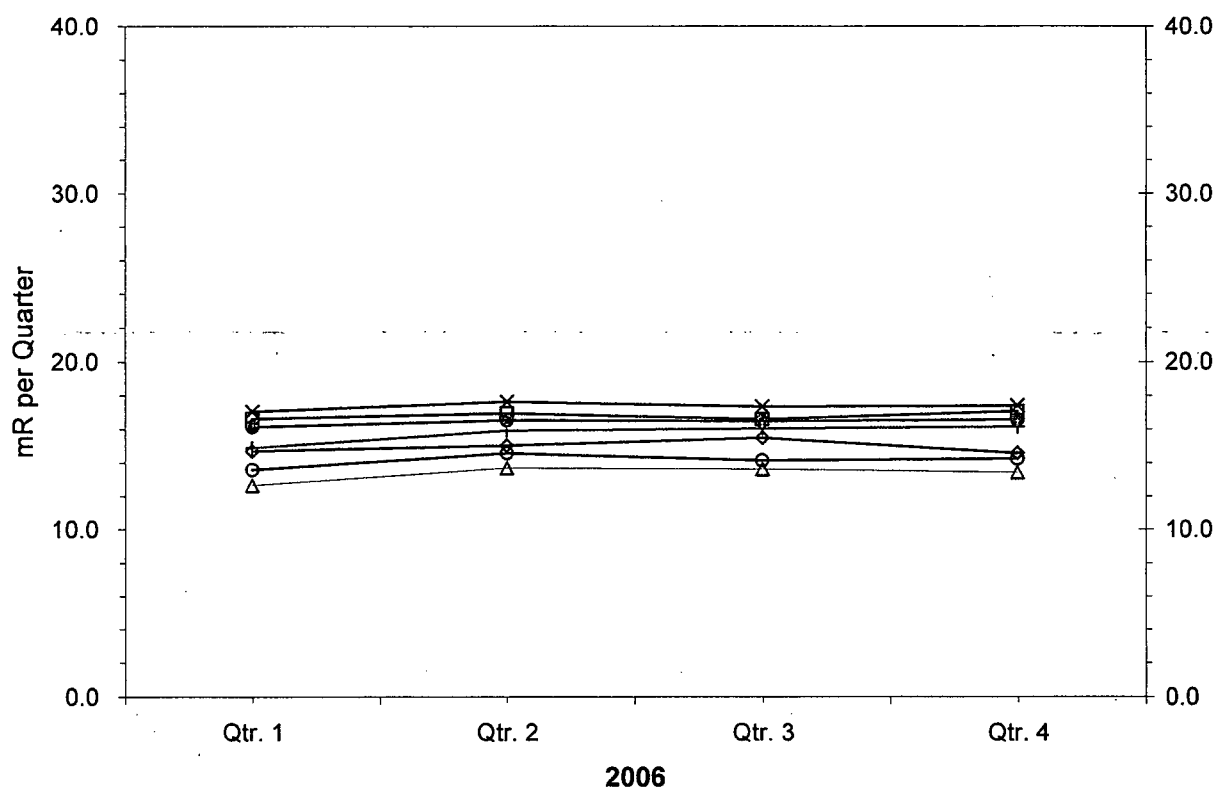
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-36 Route 97 (Control)
- TL-37 Plaistow, NH (Control)
- △— TL-38 Hampstead NH (Control)
- ◇— TL-39 Fremont, NH (Control)
- ×— TL-40 Newmarket, NH (Control)

FIGURE 3.14

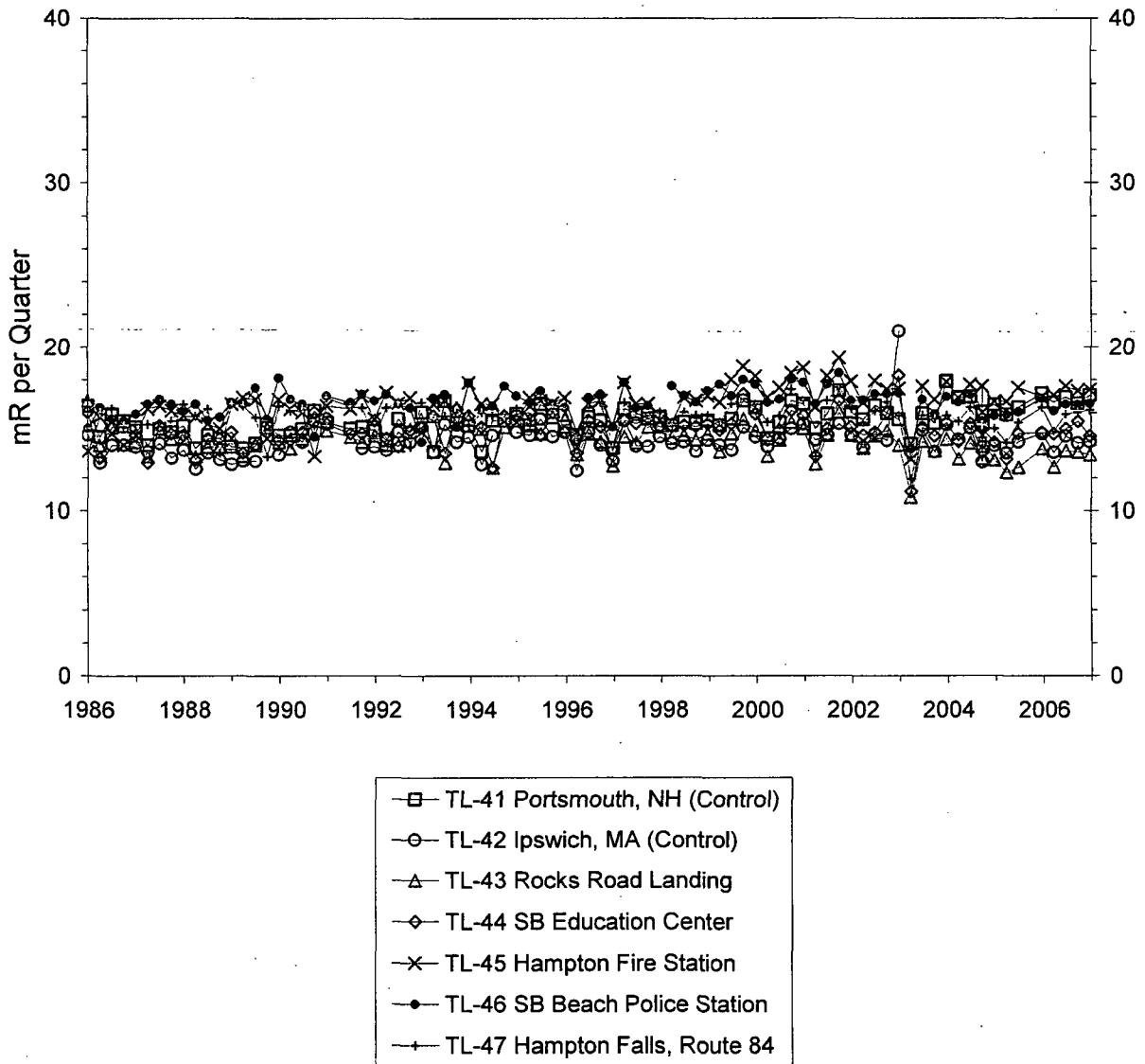
ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



- TL-41 Portsmouth, NH (Control)
- TL-42 Ipswich, MA (Control)
- △— TL-43 Rocks Road Landing
- ◇— TL-44 SB Education Center
- ×— TL-45 Hampton Fire Station
- TL-46 SB Beach Police Station
- +— TL-47 Hampton Falls, Route 84

FIGURE 3.14.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



4.0 Program Deviations and Reporting

4.1 Sampling Program Deviations

Table A.9.1-1 of the Offsite Dose Calculation Manual (ODCM) allows for deviations in the REMP sampling schedule "if specimens are unobtainable due to circumstances such as hazardous conditions, seasonal unavailability and malfunction of automatic sampling equipment." All deviations from the sampling schedule shall be documented each year in the Radiological Environmental Operating Report. The deviations for 2006 are as follows:

- On 1/19/2006, air sampling station AP/CF-01 [barge landing in Seabrook, NH] lost power for approximately 1-1/2 hours due to a problem with the utility power supply line, thereby failing to "continuously" collect a sample. The situation was corrected when power was restored to the unit. The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 2/8/2006, air sampling station AP/CF-02 [Hampton Marina, Hampton Beach, NH] was out of service when the power source was intentionally turned off for approximately 1 hour, 44 minutes due to maintenance on utility equipment located on the same pole, thereby failing to continuously collect an air sample. The station was placed back into service when power was subsequently restored to the unit. The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 2/12/2006, air sampling station AP/CF-01 [barge landing in Seabrook, NH] lost power for approximately 23 hours as a result of severe winter storm, with subsequent failure of the duplex GFI outlet to reset when power was restored. The air station thereby failed to "continuously" collect a sample as required. The air sampling station was returned to service situation when a new pump and GFI outlet were installed. The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 3/16/2006, the REMP TLD located on Harbor Road, Hampton Beach (TL-05), was found missing (loss of first quarter, 2006 results). The utility pole that the TLD was attached to had been removed from its location to facilitate construction and the TLD could not be located. A new TLD was placed at the quarterly change out at a location near the original TL-05 utility pole.
- On 5/2/2006, air sampling station AP/CF-01 [barge landing in Seabrook, NH] lost its power source for approximately 6 hours, thereby failing to continuously collect a sample. The situation was corrected when power was restored to the unit. The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 6/4/2006, air sampling station AP/CF-09 [Georgetown Light Company] was out of service for approximately 8 hours due to a blown fuse, thereby failing to continuously collect a sample. The situation was corrected when air sample pump and fuse were replaced on the same day. The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 7/5/2006, REMP air particulate filters and iodine sample cartridges collected for the previous two weeks from all eight sampling locations were inadvertently discarded by the vendor environmental laboratory and, therefore, not analyzed. The air particulate filters and iodine sample cartridges were packaged in the same shipping boxes with milk samples. It is believed that when the shipping boxes were opened by the laboratory, the milk samples were identified and removed, but the air particulate filters and iodine sample cartridges were not noticed in with the packaging materials and accidentally discarded along with the shipping boxes. To prevent a recurrence in the future, laboratory handling practices were subsequently changed to remove and inspect all packaging materials for samples and shipping invoices before the packaging is discarded.

- On 8/22/2007, REMP TLD TL-36 was discovered still attached to its utility pole which had been taken down by the local utility. The TLD was recovered and sent for processing approximately 1 month before the end of the normal quarterly change-out. The TLD was evaluated and results reported normalized to a standard 91 day quarter, but did not cover the full field exposure period.
- On 9/24/2006, air sampling station AP/CF-03 [Hampton Marina, Hampton Beach, NH] was out of service for approximately 8 hours due to a blown fuse, thereby failing to "continuously" collect a sample. The situation was corrected when air sample pump and fuse were replaced on the same day. The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 9/24/2006, air sampling stations AP/CF-01 [barge landing in Seabrook, NH] and AP/CF-08 [Exeter & Hampton substation] both lost their power source for approximately 2 hours and 26 hours, respectively, thereby failing to continuously collect samples. The situation was corrected when power was restored to the units (AP/CF-01 on 9/24/2006 at 1313 and AP/CF-08 on 9/25/2006 at 1254). The out of service time was minimal and did not impact the ability to collect sufficient sample volume.
- On 9/28/2006, the REMP TLD located on Island Path Rd, Hampton, NH (TL-04), and the TLD located in Georgetown, MA (TL-36), were discovered missing (loss of third quarter, 2006 results). Fourth quarter replacement TLDs were placed in the field at these locations.
- On 9/28/2006, REMP TLD TL-38 was replaced in the field for the start of the fourth quarter after the third quarter TLD from location TL-38 had been returned by local utility personnel directly to Seabrook Station. The TLD had been removed by the local utility due to local area construction, but the history of duration in the field and handling time information was not provided.
- On 11/13/2006, air sampling station AP/CF-05 [Winnacunnet High School] was out of service for approximately 1 hour due to a blown fuse. The situation was corrected when air sample pump fuse was replaced on the same day. The out of service time was minimal and did not impact the ability to collect sufficient sample volume. It is also noted that AP/CF-05 is not one of the required REMP sampling locations and is reported here for information only.
- On 1/10/2007, the REMP TLD located on Ashworth Ave, Hampton Beach, NH (TL-20), was discovered missing (loss of fourth quarter, 2006 results), likely as a result of local utility maintenance involving the pole where the TLD was located. The local utility representative was contacted and reminded that if future maintenance requires a TLD to be removed from its pole to first contact Seabrook Station. First quarter (2007) replacement TLD was set in the field at this time.

4.2 Comparison Of Achieved LLDs With Requirements

Table A.9.1-2 of the ODCM indicates the required Lower Limits of Detection (LLDs) for environmental sample analyses. (This table is duplicated in Table 4.1 of this report.) Occasionally an LLD is not achievable due to a situation such as a low sample volume caused by sampling equipment malfunction. In such a case, ODCM Table A.9.1-2 requires a discussion of the situation in the annual Radiological Environmental Operating Report. At the AREVA NP Environmental Laboratory (FANPEL), the target LLD for any analysis is typically 30-40 percent of the most restrictive required LLD. Expressed differently, the typical sensitivities achieved for each analysis are at least 2.5 to 3 times greater than that required by the Seabrook ODCM.

For each analysis having an LLD requirement in ODCM Table A.9.1-2, the *a posteriori* (after the fact) LLD, or Minimum Detectable Concentration (MDC) calculated for that analysis was compared with the required LLD. During 2006, 1488 analyses had an LLD requirement listed in Table 4.1. During 2006, no LLD's were missed.

4.3 Comparison of Results Against Reporting Levels

Seabrook Station ODCM Section 10.1 requires the notification of the NRC by special report within 30 days of receipt from the environmental laboratory whenever a Reporting Level in Table 4.2 is exceeded. Reporting Levels are the environmental concentrations that relate to the ALARA design dose objectives of 10 CFR 50, Appendix I. It should be noted that environmental concentrations are averaged over calendar quarters for the purposes of this comparison, and that Reporting Levels apply only to measured levels of radioactivity due to plant effluents. During 2006, no Reporting Levels were exceeded.

Table 4.1
DETECTION CAPABILITIES FOR ENVIRONMENTAL SAMPLE ANALYSIS^a

Lower Limit of Detection (LLD)

Analysis	Water (pCi/kg)	Airborne Particulate or Gas (pCi/kg, wet)	Fish and Invertebrates (pCi/kg, wet)	Milk (pCi/kg)	Food Products (pCi/kg, wet)	Sediment (pCi/kg, dry)
Gross Beta	4	0.01				
H-3	3,000					
Mn-54	15		130			
Fe-59	30		260			
Co-58, 60	15		130			
Zn-65	30		260			
Zr-Nb-95	15 ^c					
I-131	15	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15			15		

a. Reference Seabrook Station ODCM, Table A.9.1-2 for clarifications

Table 4.2

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES^b

Analysis	Water (pCi/kg)	Airborne Particulate or Gas (pCi/kg, wet)	Fish and Invertebrates (pCi/kg, wet)	Milk (pCi/kg)	Food Products (pCi/kg, wet)
H-3	30,000***				
Mn-54	1,000		30,000		
Fe-59	400		10,000		
Co-58	1,000		30,000		
Co-60	300		10,000		
Zn-65	300		20,000		
Zr-Nb-95	400*				
I-131	100	0.9		3	100**
Cs-134	30	10	1,000	60	1,000
Cs-137	50	20	2,000	70	2,000
Ba-La-140	200*			300*	

* Parent only.

** Broad leaf vegetation only.

***Plant de-watering reporting level = 20,000 pCi/kg (2E-05 uCi/ml)

b. Reference Seabrook Station ODCM Table A.9.1-3 for clarifications.

5.0 QUALITY ASSURANCE PROGRAM

The quality assurance program at the AREVA NP Environmental Laboratory (E-LAB) is designed to serve two overall purposes: 1) Establish a measure of confidence in the measurement process to assure the licensee, regulatory agencies and the public that analytical results are accurate and precise; and 2) Identify deficiencies in the sampling and/or measurement process to those responsible for these operations so that corrective action can be taken. Quality assurance is applied to all steps of the measurement process, including the collection, measurement and reporting of data, as well as the record keeping of the final results. Quality control, as part of the quality assurance program, provides a means to control and measure the characteristics of the measurement equipment and processes, relative to established requirements.

The E-LAB employs a comprehensive quality assurance program designed to monitor the quality of analytical processing to ensure reliable environmental monitoring data. The program includes the use of controlled procedures for all work activities, a nonconformance and corrective action tracking system, systematic internal audits, audits by external groups, a laboratory quality control program, and a staff training program. Monitoring programs include the Intralaboratory Quality Control Program administered by the Laboratory QA Officer and a third party cross check program administered by Analytics, Inc. Together these programs are targeted to supply QC/QA sources at 5% of the client sample analysis load. In addition, a blind duplicate program is conducted through client environmental monitoring programs.

This summary reports all intralaboratory and third party results received by the E-LAB on or before December 31, 2006.

5.1 Intralaboratory Quality Control Program

The E-LAB QA Officer administers an extensive intralaboratory quality control program in which process check samples are submitted for analysis. These samples are "spiked" with a known amount of radioactive material and are routinely submitted in triplicate to evaluate the bias and precision of a measurement process. Additionally, numerous samples of various matrices are periodically re-analyzed as part of the internal duplicate analysis program. Table 5.1 provides the summary of the process check and duplicates results for January to December 2006. Of the 351 analyses evaluated for bias, 99.1% passed the acceptance criteria and 99.1% of the 222 results evaluated for precision were acceptable. The E-LAB internal acceptance criteria are summarized at the end of Table 5.1.

5.2 Third Party Cross Check Program

The E-LAB participates in a third party cross check program managed by Analytics Inc. to satisfy the requirement of the Environmental Technical Specification/ODCM. The E-LAB Analytics program was originally used to augment the EPA Intercomparison Program that it now replaces. The current program is designed to be comparable to the pre-1996 EPA PE Program in terms of the number of samples, matrices and nuclides. The results for the 4th quarter 2005 through the 3rd quarter 2006 are summarized in Table 5.2. The 4th quarter 2006 sample results are not included in this report as the final results have not been received from the reporting laboratory. This data will be provided in the Quality Assurance Program summary for the next annual report. Each sample is normally analyzed in triplicate and the results are evaluated against the internal acceptance criteria described in the E-LAB Manual 100-Laboratory Quality Assurance Plan. This acceptance protocol is used for all interlaboratory programs with no pre-set acceptance criteria. When results fall outside of the acceptance criteria, an investigation is initiated to determine the cause of the problem and if appropriate, corrective measures are taken. The E-LAB internal acceptance criteria are summarized at the end of Table 5.1.

5.3 Blind Duplicate Program

Under the Blind Duplicate Quality Assurance Program, samples are split from homogeneous environmental media by the client and sent to the E-LAB for analysis. They are "blind" in that the identification of the matching sample is not identified to the Laboratory.

Participating clients submitted a total of 23 paired samples in 2006. The measurements evaluated include twenty-six gamma emitting radionuclides, H-3, and gross beta. All measurements are evaluated, whether the results are statistically positive or not, and whether the net concentration is positive or negative.

The samples submitted as part of this program are listed in Table 5.3. For the 2006 program, 99.0% (479/484) of the measurements met the E-LAB internal acceptance criteria.

5.4 Environmental TLD Quality Assurance Program

Performance documentation of the routine processing of the Panasonic environmental TLDs (thermoluminescent dosimeter) program at the E-LAB is provided by the dosimetry quality assurance testing program. This program includes independent third party performance testing by Battelle Pacific Northwest Labs and internal performance testing conducted by the Laboratory QA Officer. Under these programs, sets of six dosimeters are irradiated to ANSI specified testing criteria and submitted for processing as "unknowns." The bias and precision of TLD processing is measured against this standard and is used to indicate trends and changes in performance. Instrumentation checks, although routinely performed and representing between 5-10% of the TLDs processed, are not presented in this report because they do not represent a true process check sample since the exposures are known to the processor.

Ninety performance tests were conducted in 2006 by the E-LAB and the third party tester. These tests were made on fifteen separate sets of six dosimeters. All of the fifteen TLD test sets passed the mean bias criteria of $\pm 20.1\%$. Of the ninety individual measurements, 100% of the dosimeter evaluations met the E-LAB Internal Acceptance Criteria for bias ($\pm 20.1\%$) and precision ($\pm 12.8\%$). Third Party QC results are summarized below.

Percentage of Individual Analyses that passed E-LAB Internal Criteria

Dosimeter Type	Number Tested	% Passed Bias Criteria	% Passed Precision Criteria
Panasonic Environmental	90	100	100

Summary of Third Party Testing

Dosimeter Type	Exposure Period	ANSI Category	% (Bias \pm SD)
Panasonic Environmental	SH/2006	II, high energy	7.5 \pm 2.4
"	SH/2006	II, high energy	4.0 \pm 1.0

* American National Standards Institute (ANSI) Performance Statistic as referenced in the Dosimetry Services Semi-Annual QA Status Report.

Note: Results are expressed as the delivered exposure for environmental TLD. ANSI HPS N13.29-1995 (Draft) Category II, High energy photons (Cs-137 or Co-60).

TABLE 5.1
E-LAB RESULTS IN THE INTRALABORATORY PROCESS CONTROL PROGRAM
January - December 2006

Media Analysis	Bias Criteria (1)				Precision Criteria (2)			
	1	2	3	4	1	2	3	4
I. Air Charcoal								
Gamma-Quantitative	34	11	5	2	0	0	0	0
Gamma-Screening	6	11	1	0	0	0	0	0
II. Air Filter								
Beta	231	17	0	0	0	0	0	0
III. Milk								
Gamma	0	0	0	0	14	2	24	0
I-131(LL)	3	0	0	0	3	0	0	0
IV. Soil/Sediment								
Gamma	0	0	0	0	16	6	16	0
V. Vegetation/Food								
Gamma	0	0	0	0	16	16	46	2
VI. Water								
Gross Alpha	0	4	4	1	0	0	2	0
Gross Beta	14	0	1	0	2	4	2	0
Gamma	0	0	0	0	4	2	26	0
I-131(LL)	1	1	1	0	1	2	0	0
Sr-90	0	1	2	0	0	2	0	0
Tritium	0	0	0	0	6	0	8	0
Total Number in Range	289	45	14	3	62	34	124	2
Percentage of Total Processed	82.3	12.8	4.0	0.9	27.9	15.3	55.9	0.9
Sum of Analyses	351				222			

(1) Percent Bias Criteria by Bias Category

- Bias Category = 1 > 0% and <= 5%
- Bias Category = 2 > 5% and <= 10%
- Bias Category = 3 > 10% and <= 15%, or
Within 2 sigma of known
- Gross alpha/beta water, Sr 89/90 > 10% and <= 25%
- Transuranics > 10% and <= 20%
- Bias Category = 4 Outside Criteria

(2) Percent Precision Criteria by Precision Category

- Precision Category = 1 > 0% and <= 5%
- Precision Category = 2 > 5% and <= 10%
- Precision Category = 3 > 10% and <= 15%, or
within 2 sigma of mean
- Precision Category = 4 Outside Criteria

TABLE 5.2
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2005 - Quarter 3, 2006

Sample Number	Quarter/Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/Analytics	Evaluation
E4836-162	4th/2005	Water	H-3	13700	13200	1.04	Agreement
E4837-162	4th/2005	Water	Sr-89	80.3	91.4	0.88	Agreement
E4837-162	4th/2005	Water	Sr-90	7.18	7.4	0.97	Agreement
E4838-162	4th/2005	Filter	Gross Alpha	22.3	25.0	0.89	Agreement
E4838-162	4th/2005	Filter	Gross Beta	146	136	1.07	Agreement
E4839-162	4th/2005	Filter	Ce-141	122	131	0.93	Agreement
E4839-162	4th/2005	Filter	Cr-51	113	113	1.00	Agreement
E4839-162	4th/2005	Filter	Cs-134	48.0	51.0	0.94	Agreement
E4839-162	4th/2005	Filter	Cs-137	111	111	1.00	Agreement
E4839-162	4th/2005	Filter	Co-58	44.2	45.2	0.98	Agreement
E4839-162	4th/2005	Filter	Mn-54	93.5	88.9	1.05	Agreement
E4839-162	4th/2005	Filter	Fe-59	44.6	48.1	0.93	Agreement
E4839-162	4th/2005	Filter	Zn-65	95.8	89.9	1.07	Agreement
E4839-162	4th/2005	Filter	Co-60	59.1	64.6	0.91	Agreement
E4840-162	4th/2005	Filter	Sr-89	103	121	0.85	Agreement
E4840-162	4th/2005	Filter	Sr-90	9.05	9.70	0.93	Agreement
E4841-162	4th/2005	Milk	I-131LL	72.4	74.6	0.97	Agreement
E4841-162	4th/2005	Milk	I-131	74.1	74.6	0.99	Agreement
E4841-162	4th/2005	Milk	Ce-141	217	224	0.97	Agreement
E4841-162	4th/2005	Milk	Cr-51	190	193	0.98	Agreement
E4841-162	4th/2005	Milk	Cs-134	86.4	87.3	0.99	Agreement
E4841-162	4th/2005	Milk	Cs-137	187	189	0.99	Agreement
E4841-162	4th/2005	Milk	Co-58	78.7	77.5	1.02	Agreement
E4841-162	4th/2005	Milk	Mn-54	153	152	1.01	Agreement
E4841-162	4th/2005	Milk	Fe-59	87.8	82.4	1.07	Agreement
E4841-162	4th/2005	Milk	Zn-65	148	154	0.96	Agreement
E4841-162	4th/2005	Milk	Co-60	106	111	0.95	Agreement
E4879-162	4th/2005	Charcoal	I-131	68.4	72.0	0.95	Agreement

* pCi/Liter (Filters in pCi)

TABLE 5.2 (cont'd)
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2005 - Quarter 3, 2006

Sample Number	Quarter/Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/Analytics	Evaluation
E4884-162	1st/2006	Water	Gross Alpha	38.7	38.1	1.02	Agreement
E4884-162	1st/2006	Water	Gross Beta	265	262	1.01	Agreement
E4885-162	1st/2006	Water	I-131LL	65.8	67.4	0.98	Agreement
E4885-162	1st/2006	Water	I-131	66.3	67.4	0.98	Agreement
E4885-162	1st/2006	Water	Ce-141	83.0	86.8	0.96	Agreement
E4885-162	1st/2006	Water	Cr-51	217	234	0.93	Agreement
E4885-162	1st/2006	Water	Cs-134	91.9	101	0.91	Agreement
E4885-162	1st/2006	Water	Cs-137	73.3	74.3	0.99	Agreement
E4885-162	1st/2006	Water	Co-58	84.7	87.5	0.97	Agreement
E4885-162	1st/2006	Water	Mn-54	74.7	78.1	0.96	Agreement
E4885-162	1st/2006	Water	Fe-59	73.2	72.4	1.01	Agreement
E4885-162	1st/2006	Water	Zn-65	146.7	148	0.99	Agreement
E4885-162	1st/2006	Water	Co-60	102.5	107	0.96	Agreement
E4886-162	1st/2006	Water	Sr-89	82.0	99.4	0.82	Agreement
E4886-162	1st/2006	Water	Sr-90	10.2	10.8	0.94	Agreement
E4887-162	1st/2006	Charcoal	I-131	84.3	84.8	0.99	Agreement
E4888-162	1st/2006	Filter	Gross Alpha	13.5	14.2	0.95	Agreement
E4888-162	1st/2006	Filter	Gross Beta	104.5	97.3	1.07	Agreement
E4889-162	1st/2006	Milk	I-131LL	81.8	78.0	1.05	Agreement
E4889-162	1st/2006	Milk	I-131	77.4	78.8	0.98	Agreement
E4889-162	1st/2006	Milk	Ce-141	101	104	0.97	Agreement
E4889-162	1st/2006	Milk	Cr-51	277	280	0.99	Agreement
E4889-162	1st/2006	Milk	Cs-134	113.8	121	0.94	Agreement
E4889-162	1st/2006	Milk	Cs-137	86.7	88.8	0.98	Agreement
E4889-162	1st/2006	Milk	Co-58	100	105	0.95	Agreement
E4889-162	1st/2006	Milk	Mn-54	94.6	93.3	1.01	Agreement
E4889-162	1st/2006	Milk	Fe-59	90.7	86.6	1.05	Agreement
E4889-162	1st/2006	Milk	Zn-65	172.2	176	0.98	Agreement
E4889-162	1st/2006	Milk	Co-60	125.0	128	0.98	Agreement
E4890-162	1st/2006	Milk	Sr-89	79.7	99.2	0.80	Agreement
E4890-162	1st/2006	Milk	Sr-90	10.6	10.8	0.98	Agreement

* pCi/Liter (Filters in pCi)

TABLE 5.2 (cont'd)
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2005 - Quarter 3, 2006

Sample Number	Quarter/Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/Analytics	Evaluation
E5013-162	2nd/2006	Water	H-3	5830	6000	0.97	Agreement
E5014-162	2nd/2006	Filter	Gross Alpha	31.8	36.6	0.87	Agreement
E5014-162	2nd/2006	Filter	Gross Beta	103.8	96.8	1.07	Agreement
E5015-162	2nd/2006	Filter	Ce-141	91.6	92.8	0.99	Agreement
E5015-162	2nd/2006	Filter	Cr-51	131.7	131	1.01	Agreement
E5015-162	2nd/2006	Filter	Cs-134	60.5	63.9	0.95	Agreement
E5015-162	2nd/2006	Filter	Cs-137	62.9	59.3	1.06	Agreement
E5015-162	2nd/2006	Filter	Co-58	52.0	50.6	1.03	Agreement
E5015-162	2nd/2006	Filter	Mn-54	74.5	73.9	1.01	Agreement
E5015-162	2nd/2006	Filter	Fe-59	46.4	47.3	0.98	Agreement
E5015-162	2nd/2006	Filter	Zn-65	93.4	93.6	1.00	Agreement
E5015-162	2nd/2006	Filter	Co-60	63.0	65.0	0.97	Agreement
E5016-162	2nd/2006	Filter	Sr-89	146.6	163	0.90	Agreement
E5016-162	2nd/2006	Filter	Sr-90	7.01	12.3	0.57	Non-Agreement
E5017-162	2nd/2006	Milk	I-131LL	67.0	63.2	1.06	Agreement
E5017-162	2nd/2006	Milk	I-131	62.0	63.2	0.98	Agreement
E5017-162	2nd/2006	Milk	Ce-141	180.8	184	0.98	Agreement
E5017-162	2nd/2006	Milk	Cr-51	248.0	259	0.96	Agreement
E5017-162	2nd/2006	Milk	Cs-134	120.1	127	0.95	Agreement
E5017-162	2nd/2006	Milk	Cs-137	117.3	117	1.00	Agreement
E5017-162	2nd/2006	Milk	Co-58	97.3	100	0.97	Agreement
E5017-162	2nd/2006	Milk	Mn-54	150.5	146	1.03	Agreement
E5017-162	2nd/2006	Milk	Fe-59	95.4	93.6	1.02	Agreement
E5017-162	2nd/2006	Milk	Zn-65	183.9	185	0.99	Agreement
E5017-162	2nd/2006	Milk	Co-60	126.2	129	0.98	Agreement

* pCi/Liter (Filters in pCi)

** Sr-90 on AP sample was re-analyzed with acceptable results. Analytical blank and background frequencies are being evaluated.

TABLE 5.2 (cont'd)
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2005 - Quarter 3, 2006

Sample Number	Quarter/Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/Analytics	Evaluation
E5090-162	3rd /2006	Water	Gross Alpha	71.5	69.4	1.03	Agreement
E5090-162	3rd /2006	Water	Gross Beta	253	273	0.93	Agreement
E5091-162	3rd /2006	Water	I-131LL	84.4	79.9	1.06	Agreement
E5091-162	3rd /2006	Water	I-131	77.3	79.9	0.97	Agreement
E5091-162	3rd /2006	Water	Ce-141	84.5	88.0	0.96	Agreement
E5091-162	3rd /2006	Water	Cr-51	287	288	1.00	Agreement
E5091-162	3rd /2006	Water	Cs-134	85.6	87.0	0.98	Agreement
E5091-162	3rd /2006	Water	Cs-137	174	179	0.97	Agreement
E5091-162	3rd /2006	Water	Co-58	108	112	0.96	Agreement
E5091-162	3rd /2006	Water	Mn-54	116	115	1.01	Agreement
E5091-162	3rd /2006	Water	Fe-59	47.0	44.7	1.05	Agreement
E5091-162	3rd /2006	Water	Zn-65	146	148	0.99	Agreement
E5091-162	3rd /2006	Water	Co-60	130	137	0.95	Agreement
E5092-162	3rd /2006	Charcoal	I-131	88.3	91.1	0.97	Agreement
E5093-162	3rd /2006	Filter	Gross Alpha	36.9	37.3	0.99	Agreement
E5093-162	3rd /2006	Filter	Gross Beta	142	147	0.97	Agreement
E5094-162	3rd /2006	Milk	I-131LL	79.9	73.8	1.08	Agreement
E5094-162	3rd /2006	Milk	I-131	72.5	73.8	0.98	Agreement
E5094-162	3rd /2006	Milk	Ce-141	85.5	86.0	0.99	Agreement
E5094-162	3rd /2006	Milk	Cr-51	288	282	1.02	Agreement
E5094-162	3rd /2006	Milk	Cs-134	84.8	85.0	1.00	Agreement
E5094-162	3rd /2006	Milk	Cs-137	171	175	0.98	Agreement
E5094-162	3rd /2006	Milk	Co-58	106	109	0.97	Agreement
E5094-162	3rd /2006	Milk	Mn-54	112	113	0.99	Agreement
E5094-162	3rd /2006	Milk	Fe-59	45.3	43.7	1.04	Agreement
E5094-162	3rd /2006	Milk	Zn-65	146	145	1.01	Agreement
E5094-162	3rd /2006	Milk	Co-60	129	134	0.96	Agreement

* pCi/Liter (Filters in pCi)

TABLE 5.3

**SUMMARY OF BLIND DUPLICATE SAMPLES
January - December 2006**

TYPE OF SAMPLE	NUMBER OF PAIRED SAMPLES SUBMITTED
Water	17
Algae	3
Mussels	3
TOTAL	23

6.0 Land Use Census

The Offsite Dose Calculation Manual (ODCM Control 9.2.1) requires that a Land Use Census be conducted annually to identify the location of the nearest residence, milk animal and nearest garden of greater than 50 square meters producing broad leaf vegetation in each of the 16 meteorological sectors within five miles of the plant. The 2006 census was completed in accordance with the requirements of the ODCM. In 2006, a global positioning system was used to determine locations in the off-site environs with respect to the center of the site (Unit 1 Containment).

The nearest resident, garden and milk animal locations identified in the 2006 Land Use Census and their distances are shown in Table 6.1. The annual census indicated there were no changes in distance of the nearest resident in any sector from those identified in the previous year's census. Three new garden locations were noted as changes from the 2005 census, and one additional milk location just beyond the required census distance was also noted. The results of this census also showed that the sampling locations used in 2006 REMP have the highest calculated dose commitments. In 2006, broad leaf vegetation continued as part of the sample collection and analysis program due to the absence of sufficient milk producing locations to provide REMP samples. Sampling locations for broad leaf vegetation are at the site boundary near points of highest predicted D/Q. This option continues, as opposed to public owned vegetable gardens located by the land use census, in order to ensure adequate availability of samples for REMP analysis from locations with the highest potential for detecting plant effluents.

Table 6.1

2006 Land Use Census Results
(Within 5 Miles)

<u>Sector</u>	<u>Nearest Residence (km)</u>	<u>Nearest Garden (km)</u>	<u>Nearest Milk Animal (km)</u>
N	3.5	4.0	
NNE	3.0	3.0	8.1 ^b
NE	2.9	3.5 ^a	
ENE	2.3		
E	2.6		
ESE	2.7		
SE	2.4	4.2 ^a	
SSE	1.6		
S	1.2	1.2	
SSW	1.1	1.4	
SW	1.1	1.8 ^a	
WSW	1.9	2.3	
W	1.3	1.4	
WNW	1.1	1.5	
NW	1.3	1.3	6.9
NNW	1.0	1.0	5.3

^a New in 2006.

^b Milk location located just beyond the 8 km maximum inventory distance limit of ODCM Table A.9.1-1.

Attachment 1: Sample Analysis Data List for 2006

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AL	5	L10920-01	5/23/2006	AcTh-228	-1.90E+01	1.50E+01	5.70E+01
AL	5	L10920-01	5/23/2006	Ag-108m	3.00E-01	2.80E+00	9.90E+00
AL	5	L10920-01	5/23/2006	Ag-110m	0.00E+00	5.20E+00	1.90E+01
AL	5	L10920-01	5/23/2006	Ba-140	2.90E+00	4.60E+00	1.70E+01
AL	5	L10920-01	5/23/2006	Be-7	1.81E+02	4.70E+01	1.40E+02 *
AL	5	L10920-01	5/23/2006	Ce-141	-3.90E+00	4.40E+00	1.60E+01
AL	5	L10920-01	5/23/2006	Ce-144	-1.30E+01	1.60E+01	5.70E+01
AL	5	L10920-01	5/23/2006	Co-57	-1.80E+00	2.00E+00	7.00E+00
AL	5	L10920-01	5/23/2006	Co-58	6.30E+00	3.80E+00	1.20E+01
AL	5	L10920-01	5/23/2006	Co-60	2.00E+00	4.80E+00	1.70E+01
AL	5	L10920-01	5/23/2006	Cr-51	-1.40E+01	2.70E+01	9.80E+01
AL	5	L10920-01	5/23/2006	Cs-134	3.60E+00	3.90E+00	1.30E+01
AL	5	L10920-01	5/23/2006	Cs-137	2.20E+00	3.40E+00	1.20E+01
AL	5	L10920-01	5/23/2006	Fe-59	-7.50E+00	8.90E+00	3.30E+01
AL	5	L10920-01	5/23/2006	I-131	2.00E+00	5.90E+00	2.00E+01
AL	5	L10920-01	5/23/2006	K-40	4.47E+03	1.70E+02	2.10E+02 *
AL	5	L10920-01	5/23/2006	La-140	3.30E+00	5.30E+00	1.90E+01
AL	5	L10920-01	5/23/2006	Mn-54	4.00E-01	4.30E+00	1.50E+01
AL	5	L10920-01	5/23/2006	Nb-95	7.80E+00	4.50E+00	1.50E+01
AL	5	L10920-01	5/23/2006	Ru-103	2.20E+00	3.90E+00	1.30E+01
AL	5	L10920-01	5/23/2006	Ru-106	1.30E+01	3.40E+01	1.20E+02
AL	5	L10920-01	5/23/2006	Sb-124	-3.20E+00	7.50E+00	3.00E+01
AL	5	L10920-01	5/23/2006	Sb-125	-4.70E+00	8.60E+00	3.10E+01
AL	5	L10920-01	5/23/2006	Se-75	1.90E+00	3.60E+00	1.20E+01
AL	5	L10920-01	5/23/2006	Zn-65	3.90E+00	9.20E+00	3.20E+01
AL	5	L10920-01	5/23/2006	Zr-95	8.00E+00	6.60E+00	2.20E+01
AL	5	L11729-0111/20/2006	5/23/2006	AcTh-228	6.70E+00	9.40E+00	3.20E+01
AL	5	L11729-0111/20/2006	5/23/2006	Ag-108m	-1.30E+00	1.90E+00	6.60E+00
AL	5	L11729-0111/20/2006	5/23/2006	Ag-110m	2.20E+00	3.50E+00	1.20E+01
AL	5	L11729-0111/20/2006	5/23/2006	Ba-140	-2.70E+00	5.40E+00	2.10E+01
AL	5	L11729-0111/20/2006	5/23/2006	Be-7	1.02E+02	3.30E+01	1.10E+02 *
AL	5	L11729-0111/20/2006	5/23/2006	Ce-141	5.50E+00	3.90E+00	1.30E+01
AL	5	L11729-0111/20/2006	5/23/2006	Ce-144	-1.23E+01	9.70E+00	3.40E+01
AL	5	L11729-0111/20/2006	5/23/2006	Co-57	8.00E-01	1.30E+00	4.30E+00
AL	5	L11729-0111/20/2006	5/23/2006	Co-58	1.10E+00	2.70E+00	9.40E+00
AL	5	L11729-0111/20/2006	5/23/2006	Co-60	-3.30E+00	2.50E+00	9.50E+00
AL	5	L11729-0111/20/2006	5/23/2006	Cr-51	-6.00E+00	2.60E+01	9.00E+01
AL	5	L11729-0111/20/2006	5/23/2006	Cs-134	-1.60E+00	2.60E+00	9.40E+00
AL	5	L11729-0111/20/2006	5/23/2006	Cs-137	-2.00E-01	2.10E+00	7.30E+00
AL	5	L11729-0111/20/2006	5/23/2006	Fe-59	4.70E+00	8.30E+00	2.80E+01
AL	5	L11729-0111/20/2006	5/23/2006	I-131	2.50E+01	1.20E+01	3.80E+01
AL	5	L11729-0111/20/2006	5/23/2006	K-40	7.35E+03	1.40E+02	1.00E+02 *
AL	5	L11729-0111/20/2006	5/23/2006	La-140	-3.10E+00	6.20E+00	2.40E+01
AL	5	L11729-0111/20/2006	5/23/2006	Mn-54	-3.50E+00	2.50E+00	9.10E+00
AL	5	L11729-0111/20/2006	5/23/2006	Nb-95	2.60E+00	3.60E+00	1.20E+01
AL	5	L11729-0111/20/2006	5/23/2006	Ru-103	-2.20E+00	2.90E+00	1.00E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AL	5	L11729-0111/20/2006		Ru-106	-3.10E+01	2.10E+01	7.70E+01
AL	5	L11729-0111/20/2006		Sb-124	-2.40E+00	5.30E+00	2.00E+01
AL	5	L11729-0111/20/2006		Sb-125	3.30E+00	5.10E+00	1.70E+01
AL	5	L11729-0111/20/2006		Se-75	-4.60E+00	2.60E+00	9.40E+00
AL	5	L11729-0111/20/2006		Zn-65	-1.65E+01	7.80E+00	2.80E+01
AL	5	L11729-0111/20/2006		Zr-95	-3.40E+00	5.00E+00	1.80E+01
AL	55	L10920-02 5/23/2006		AcTh-228	-9.00E+00	1.40E+01	5.50E+01
AL	55	L10920-02 5/23/2006		Ag-108m	0.00E+00	2.50E+00	9.20E+00
AL	55	L10920-02 5/23/2006		Ag-110m	-7.00E-01	5.70E+00	2.10E+01
AL	55	L10920-02 5/23/2006		Ba-140	2.30E+00	4.30E+00	1.60E+01
AL	55	L10920-02 5/23/2006		Be-7	2.08E+02	4.10E+01	1.10E+02 *
AL	55	L10920-02 5/23/2006		Ce-141	-4.20E+00	4.90E+00	1.80E+01
AL	55	L10920-02 5/23/2006		Ce-144	-1.70E+01	1.60E+01	5.70E+01
AL	55	L10920-02 5/23/2006		Co-57	-1.00E-01	2.00E+00	7.10E+00
AL	55	L10920-02 5/23/2006		Co-58	5.70E+00	4.20E+00	1.40E+01
AL	55	L10920-02 5/23/2006		Co-60	8.20E+00	6.10E+00	2.00E+01
AL	55	L10920-02 5/23/2006		Cr-51	2.30E+01	3.00E+01	1.00E+02
AL	55	L10920-02 5/23/2006		Cs-134	3.30E+00	4.70E+00	1.60E+01
AL	55	L10920-02 5/23/2006		Cs-137	2.90E+00	4.00E+00	1.40E+01
AL	55	L10920-02 5/23/2006		Fe-59	5.90E+00	9.70E+00	3.40E+01
AL	55	L10920-02 5/23/2006		I-131	4.16E+01	9.00E+00	2.60E+01 *
AL	55	L10920-02 5/23/2006		K-40	6.72E+03	2.20E+02	1.60E+02 *
AL	55	L10920-02 5/23/2006		La-140	2.60E+00	4.90E+00	1.90E+01
AL	55	L10920-02 5/23/2006		Mn-54	1.00E+00	3.50E+00	1.30E+01
AL	55	L10920-02 5/23/2006		Nb-95	4.80E+00	4.10E+00	1.40E+01
AL	55	L10920-02 5/23/2006		Ru-103	2.90E+00	3.50E+00	1.20E+01
AL	55	L10920-02 5/23/2006		Ru-106	-3.80E+01	3.40E+01	1.30E+02
AL	55	L10920-02 5/23/2006		Sb-124	0.00E+00	5.30E+00	2.30E+01
AL	55	L10920-02 5/23/2006		Sb-125	0.00E+00	8.00E+00	2.90E+01
AL	55	L10920-02 5/23/2006		Se-75	5.30E+00	3.80E+00	1.30E+01
AL	55	L10920-02 5/23/2006		Zn-65	-1.80E+01	1.20E+01	4.60E+01
AL	55	L10920-02 5/23/2006		Zr-95	5.30E+00	7.20E+00	2.50E+01
AL	55	L11166-01 7/18/2006		AcTh-228	-2.00E+01	2.20E+01	9.30E+01
AL	55	L11166-01 7/18/2006		Ag-108m	1.01E+01	4.90E+00	1.50E+01
AL	55	L11166-01 7/18/2006		Ag-110m	6.40E+00	9.40E+00	3.40E+01
AL	55	L11166-01 7/18/2006		Ba-140	2.00E+00	1.50E+01	6.60E+01
AL	55	L11166-01 7/18/2006		Be-7	7.20E+01	6.40E+01	2.20E+02
AL	55	L11166-01 7/18/2006		Ce-141	1.50E+00	8.80E+00	3.10E+01
AL	55	L11166-01 7/18/2006		Ce-144	2.50E+01	2.50E+01	8.60E+01
AL	55	L11166-01 7/18/2006		Co-57	9.00E-01	3.20E+00	1.10E+01
AL	55	L11166-01 7/18/2006		Co-58	1.10E+01	7.60E+00	2.50E+01
AL	55	L11166-01 7/18/2006		Co-60	3.30E+00	9.30E+00	3.40E+01
AL	55	L11166-01 7/18/2006		Cr-51	5.00E+01	6.10E+01	2.10E+02
AL	55	L11166-01 7/18/2006		Cs-134	-2.70E+00	7.20E+00	2.80E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AL	55	L11166-01	7/18/2006	Cs-137	7.90E+00	6.80E+00	2.30E+01
AL	55	L11166-01	7/18/2006	Fe-59	-8.00E+00	2.30E+01	8.80E+01
AL	55	L11166-01	7/18/2006	I-131	3.20E+01	2.70E+01	9.10E+01
AL	55	L11166-01	7/18/2006	K-40	6.06E+03	3.40E+02	2.90E+02 *
AL	55	L11166-01	7/18/2006	La-140	2.00E+00	1.70E+01	7.60E+01
AL	55	L11166-01	7/18/2006	Mn-54	8.10E+00	6.70E+00	2.30E+01
AL	55	L11166-01	7/18/2006	Nb-95	2.28E+01	7.80E+00	2.00E+01
AL	55	L11166-01	7/18/2006	Ru-103	9.70E+00	7.10E+00	2.40E+01
AL	55	L11166-01	7/18/2006	Ru-106	5.70E+01	4.90E+01	1.70E+02
AL	55	L11166-01	7/18/2006	Sb-124	-1.20E+01	1.70E+01	7.90E+01
AL	55	L11166-01	7/18/2006	Sb-125	9.00E+00	1.40E+01	5.10E+01
AL	55	L11166-01	7/18/2006	Se-75	5.00E-01	6.10E+00	2.20E+01
AL	55	L11166-01	7/18/2006	Zn-65	-2.60E+01	1.80E+01	7.70E+01
AL	55	L11166-01	7/18/2006	Zr-95	-2.00E+00	1.30E+01	5.20E+01
AL	55	L11729-0211/20/2006	AcTh-228	AcTh-228	2.90E+01	2.00E+01	6.70E+01
AL	55	L11729-0211/20/2006	Ag-108m	Ag-108m	-3.20E+00	2.80E+00	1.00E+01
AL	55	L11729-0211/20/2006	Ag-110m	Ag-110m	-3.00E-01	6.20E+00	2.20E+01
AL	55	L11729-0211/20/2006	Ba-140	Ba-140	7.00E+00	1.20E+01	4.50E+01
AL	55	L11729-0211/20/2006	Be-7	Be-7	1.58E+02	4.60E+01	1.40E+02 *
AL	55	L11729-0211/20/2006	Ce-141	Ce-141	1.00E-01	5.20E+00	1.80E+01
AL	55	L11729-0211/20/2006	Ce-144	Ce-144	2.00E+00	1.50E+01	5.10E+01
AL	55	L11729-0211/20/2006	Co-57	Co-57	-3.00E-01	1.90E+00	6.70E+00
AL	55	L11729-0211/20/2006	Co-58	Co-58	2.00E+00	4.50E+00	1.60E+01
AL	55	L11729-0211/20/2006	Co-60	Co-60	-1.20E+00	4.90E+00	1.80E+01
AL	55	L11729-0211/20/2006	Cr-51	Cr-51	6.00E+00	3.50E+01	1.20E+02
AL	55	L11729-0211/20/2006	Cs-134	Cs-134	3.30E+00	4.80E+00	1.70E+01
AL	55	L11729-0211/20/2006	Cs-137	Cs-137	-8.40E+00	4.00E+00	1.60E+01
AL	55	L11729-0211/20/2006	Fe-59	Fe-59	2.40E+01	1.40E+01	4.40E+01
AL	55	L11729-0211/20/2006	I-131	I-131	9.00E+00	1.90E+01	6.40E+01
AL	55	L11729-0211/20/2006	K-40	K-40	5.49E+03	2.00E+02	2.00E+02 *
AL	55	L11729-0211/20/2006	La-140	La-140	8.00E+00	1.40E+01	5.10E+01
AL	55	L11729-0211/20/2006	Mn-54	Mn-54	5.00E-01	4.00E+00	1.40E+01
AL	55	L11729-0211/20/2006	Nb-95	Nb-95	1.30E+00	5.60E+00	2.00E+01
AL	55	L11729-0211/20/2006	Ru-103	Ru-103	-2.30E+00	4.10E+00	1.50E+01
AL	55	L11729-0211/20/2006	Ru-106	Ru-106	-1.40E+01	3.40E+01	1.20E+02
AL	55	L11729-0211/20/2006	Sb-124	Sb-124	-9.00E+00	8.40E+00	3.80E+01
AL	55	L11729-0211/20/2006	Sb-125	Sb-125	-1.32E+01	8.20E+00	3.10E+01
AL	55	L11729-0211/20/2006	Se-75	Se-75	-7.00E-01	3.40E+00	1.20E+01
AL	55	L11729-0211/20/2006	Zn-65	Zn-65	-2.00E+01	1.20E+01	4.70E+01
AL	55	L11729-0211/20/2006	Zr-95	Zr-95	-5.30E+00	9.10E+00	3.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	1	L10382-01	1/4/2006	GROSS BETA	2.25E-02	1.50E-03	3.10E-03	*
AP	1	L10424-01	1/18/2006	GROSS BETA	1.20E-02	1.30E-03	3.30E-03	*
AP	1	L10487-01	2/1/2006	GROSS BETA	1.35E-02	1.30E-03	3.20E-03	*
AP	1	L10532-01	2/15/2006	GROSS BETA	1.36E-02	1.40E-03	3.50E-03	*
AP	1	L10578-01	3/1/2006	GROSS BETA	2.08E-02	1.60E-03	3.60E-03	*
AP	1	L10613-01	3/15/2006	GROSS BETA	1.06E-02	1.50E-03	4.00E-03	*
AP	1	L10667-01	3/29/2006	GROSS BETA	1.27E-02	1.40E-03	3.60E-03	*
AP	1	L10724-01	4/12/2006	GROSS BETA	1.45E-02	1.50E-03	3.60E-03	*
AP	1	L10738-01	3/29/2006	AcTh-228	0.00E+00	1.50E-03	6.50E-03	
AP	1	L10738-01	3/29/2006	Ag-108m	2.60E-04	4.30E-04	1.50E-03	
AP	1	L10738-01	3/29/2006	Ag-110m	1.70E-04	8.50E-04	3.40E-03	
AP	1	L10738-01	3/29/2006	Ba-140	-1.00E-02	7.40E-03	4.00E-02	
AP	1	L10738-01	3/29/2006	Be-7	9.60E-02	1.60E-02	3.50E-02	*
AP	1	L10738-01	3/29/2006	Ce-141	-1.00E-03	1.50E-03	5.90E-03	
AP	1	L10738-01	3/29/2006	Ce-144	-7.00E-04	2.20E-03	8.30E-03	
AP	1	L10738-01	3/29/2006	Co-57	-1.00E-05	2.80E-04	1.00E-03	
AP	1	L10738-01	3/29/2006	Co-58	-1.16E-03	7.60E-04	3.70E-03	
AP	1	L10738-01	3/29/2006	Co-60	4.80E-04	8.00E-04	3.00E-03	
AP	1	L10738-01	3/29/2006	Cr-51	-1.00E-02	1.40E-02	5.60E-02	
AP	1	L10738-01	3/29/2006	Cs-134	6.00E-05	5.80E-04	2.30E-03	
AP	1	L10738-01	3/29/2006	Cs-137	-7.20E-04	9.90E-04	3.80E-03	
AP	1	L10738-01	3/29/2006	Fe-59	-5.50E-03	2.10E-03	1.20E-02	
AP	1	L10738-01	3/29/2006	I-131	-3.00E-03	1.40E-02	5.70E-02	
AP	1	L10738-01	3/29/2006	K-40	2.40E-03	9.00E-03	3.40E-02	
AP	1	L10738-01	3/29/2006	La-140	-1.15E-02	8.60E-03	4.60E-02	
AP	1	L10738-01	3/29/2006	Mn-54	-6.50E-04	5.30E-04	2.50E-03	
AP	1	L10738-01	3/29/2006	Nb-95	6.00E-04	1.50E-03	5.60E-03	
AP	1	L10738-01	3/29/2006	Ru-103	-1.40E-03	1.40E-03	5.60E-03	
AP	1	L10738-01	3/29/2006	Ru-106	-1.20E-03	4.70E-03	1.90E-02	
AP	1	L10738-01	3/29/2006	Sb-124	-1.00E-04	1.60E-03	8.20E-03	
AP	1	L10738-01	3/29/2006	Sb-125	0.00E+00	1.10E-03	4.30E-03	
AP	1	L10738-01	3/29/2006	Se-75	-3.00E-04	7.10E-04	2.70E-03	
AP	1	L10738-01	3/29/2006	Zn-65	0.00E+00	1.50E-03	6.00E-03	
AP	1	L10738-01	3/29/2006	Zr-95	-3.00E-04	1.60E-03	6.70E-03	
AP	1	L10798-01	4/26/2006	GROSS BETA	9.60E-03	1.30E-03	3.70E-03	*
AP	1	L10857-01	5/10/2006	GROSS BETA	7.80E-03	1.40E-03	4.20E-03	*
AP	1	L10925-01	5/24/2006	GROSS BETA	6.10E-03	1.20E-03	3.60E-03	*
AP	1	L10979-01	6/7/2006	GROSS BETA	1.28E-02	1.30E-03	3.40E-03	*
AP	1	L11023-01	6/20/2006	GROSS BETA	1.21E-02	1.30E-03	3.30E-03	*
AP	1	L11159-01	7/19/2006	GROSS BETA	2.11E-02	1.50E-03	3.40E-03	*
AP	1	L11179-01	6/20/2006	AcTh-228	-1.40E-03	1.10E-03	4.70E-03	
AP	1	L11179-01	6/20/2006	Ag-108m	3.00E-04	2.10E-04	7.10E-04	
AP	1	L11179-01	6/20/2006	Ag-110m	1.10E-04	3.80E-04	1.50E-03	
AP	1	L11179-01	6/20/2006	Ba-140	-3.00E-03	8.00E-03	3.60E-02	
AP	1	L11179-01	6/20/2006	Be-7	1.07E-01	1.30E-02	2.90E-02	*
AP	1	L11179-01	6/20/2006	Ce-141	-2.20E-03	1.40E-03	5.20E-03	
AP	1	L11179-01	6/20/2006	Ce-144	-1.10E-03	1.60E-03	5.80E-03	
AP	1	L11179-01	6/20/2006	Co-57	-1.00E-05	1.80E-04	6.60E-04	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	1	L11179-01	6/20/2006	Co-58	3.30E-04	4.30E-04	1.60E-03
AP	1	L11179-01	6/20/2006	Co-60	-4.40E-04	3.10E-04	1.50E-03
AP	1	L11179-01	6/20/2006	Cr-51	-8.00E-03	1.10E-02	4.10E-02
AP	1	L11179-01	6/20/2006	Cs-134	-6.00E-05	2.60E-04	1.10E-03
AP	1	L11179-01	6/20/2006	Cs-137	1.00E-04	3.40E-04	1.20E-03
AP	1	L11179-01	6/20/2006	Fe-59	-1.20E-03	1.40E-03	6.20E-03
AP	1	L11179-01	6/20/2006	I-131	-6.40E-02	3.40E-02	1.40E-01
AP	1	L11179-01	6/20/2006	K-40	-7.10E-03	3.30E-03	1.60E-02
AP	1	L11179-01	6/20/2006	La-140	-3.50E-03	9.20E-03	4.20E-02
AP	1	L11179-01	6/20/2006	Mn-54	2.30E-04	3.10E-04	1.10E-03
AP	1	L11179-01	6/20/2006	Nb-95	6.00E-05	9.30E-04	3.70E-03
AP	1	L11179-01	6/20/2006	Ru-103	-7.60E-04	8.20E-04	3.30E-03
AP	1	L11179-01	6/20/2006	Ru-106	-3.10E-03	3.20E-03	1.30E-02
AP	1	L11179-01	6/20/2006	Sb-124	1.60E-03	1.70E-03	6.20E-03
AP	1	L11179-01	6/20/2006	Sb-125	8.40E-04	6.70E-04	2.30E-03
AP	1	L11179-01	6/20/2006	Se-75	-4.00E-04	4.40E-04	1.70E-03
AP	1	L11179-01	6/20/2006	Zn-65	-9.20E-04	7.20E-04	3.20E-03
AP	1	L11179-01	6/20/2006	Zr-95	1.00E-03	1.00E-03	3.70E-03
AP	1	L11231-01	8/2/2006	GROSS BETA	1.77E-02	1.50E-03	3.60E-03 *
AP	1	L11287-01	8/16/2006	GROSS BETA	1.86E-02	1.40E-03	3.40E-03 *
AP	1	L11325-01	8/30/2006	GROSS BETA	1.06E-02	1.30E-03	3.50E-03 *
AP	1	L11387-01	9/13/2006	GROSS BETA	1.43E-02	1.40E-03	3.40E-03 *
AP	1	L11472-01	9/27/2006	GROSS BETA	1.64E-02	1.50E-03	3.70E-03 *
AP	1	L11514-0110/11/2006		GROSS BETA	1.23E-02	1.30E-03	3.50E-03 *
AP	1	L11534-01	9/27/2006	AcTh-228	1.70E-03	1.30E-03	4.30E-03
AP	1	L11534-01	9/27/2006	Ag-108m	6.20E-04	3.00E-04	9.00E-04
AP	1	L11534-01	9/27/2006	Ag-110m	1.14E-03	6.60E-04	2.00E-03
AP	1	L11534-01	9/27/2006	Ba-140	7.90E-03	5.60E-03	1.10E-02
AP	1	L11534-01	9/27/2006	Be-7	8.80E-02	1.60E-02	4.20E-02 *
AP	1	L11534-01	9/27/2006	Ce-141	-6.00E-04	1.70E-03	6.30E-03
AP	1	L11534-01	9/27/2006	Ce-144	2.40E-03	2.10E-03	7.10E-03
AP	1	L11534-01	9/27/2006	Co-57	-1.30E-04	2.30E-04	8.90E-04
AP	1	L11534-01	9/27/2006	Co-58	3.40E-04	6.50E-04	2.50E-03
AP	1	L11534-01	9/27/2006	Co-60	3.10E-04	3.40E-04	1.30E-03
AP	1	L11534-01	9/27/2006	Cr-51	-1.50E-02	1.20E-02	5.10E-02
AP	1	L11534-01	9/27/2006	Cs-134	3.60E-04	4.60E-04	1.70E-03
AP	1	L11534-01	9/27/2006	Cs-137	-3.80E-04	2.60E-04	1.40E-03
AP	1	L11534-01	9/27/2006	Fe-59	4.80E-03	2.10E-03	5.10E-03
AP	1	L11534-01	9/27/2006	I-131	0.00E+00	2.70E-02	1.00E-01
AP	1	L11534-01	9/27/2006	K-40	-3.10E-03	4.00E-03	1.90E-02
AP	1	L11534-01	9/27/2006	La-140	9.10E-03	6.50E-03	1.20E-02
AP	1	L11534-01	9/27/2006	Mn-54	-5.00E-05	3.50E-04	1.50E-03
AP	1	L11534-01	9/27/2006	Nb-95	0.00E+00	1.50E-03	5.80E-03
AP	1	L11534-01	9/27/2006	Ru-103	-1.30E-03	1.00E-03	4.60E-03
AP	1	L11534-01	9/27/2006	Ru-106	2.10E-03	3.80E-03	1.40E-02
AP	1	L11534-01	9/27/2006	Sb-124	-1.80E-03	1.30E-03	8.20E-03
AP	1	L11534-01	9/27/2006	Sb-125	2.20E-04	7.80E-04	3.10E-03
AP	1	L11534-01	9/27/2006	Se-75	3.10E-04	6.20E-04	2.20E-03
AP	1	L11534-01	9/27/2006	Zn-65	0.00E+00	4.70E-04	2.40E-03
AP	1	L11534-01	9/27/2006	Zr-95	-1.20E-03	1.10E-03	5.20E-03
AP	1	L11589-0110/25/2006		GROSS BETA	1.64E-02	1.40E-03	3.10E-03 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	1	L11654-01	11/8/2006	GROSS BETA	1.75E-02	1.40E-03	2.90E-03	*
AP	1	L11711-01	11/22/2006	GROSS BETA	8.80E-03	1.30E-03	3.60E-03	*
AP	1	L11781-01	12/6/2006	GROSS BETA	2.36E-02	1.60E-03	3.60E-03	*
AP	1	L11842-01	12/20/2006	GROSS BETA	2.76E-02	1.70E-03	3.60E-03	*
AP	1	L12023-01	1/3/2007	AcTh-228	-3.80E-04	9.80E-04	4.20E-03	
AP	1	L12023-01	1/3/2007	Ag-108m	1.70E-04	1.50E-04	5.10E-04	
AP	1	L12023-01	1/3/2007	Ag-110m	-4.10E-04	2.40E-04	1.50E-03	
AP	1	L12023-01	1/3/2007	Ba-140	0.00E+00	1.30E-02	6.90E-02	
AP	1	L12023-01	1/3/2007	Be-7	7.50E-02	1.20E-02	2.50E-02	*
AP	1	L12023-01	1/3/2007	Ce-141	-1.70E-03	1.40E-03	5.50E-03	
AP	1	L12023-01	1/3/2007	Ce-144	8.00E-04	1.00E-03	3.70E-03	
AP	1	L12023-01	1/3/2007	Co-57	-1.50E-04	1.30E-04	5.20E-04	
AP	1	L12023-01	1/3/2007	Co-58	-7.10E-04	5.30E-04	2.60E-03	
AP	1	L12023-01	1/3/2007	Co-60	2.20E-04	2.40E-04	9.10E-04	
AP	1	L12023-01	1/3/2007	Cr-51	0.00E+00	1.70E-02	6.30E-02	
AP	1	L12023-01	1/3/2007	Cs-134	4.00E-05	2.30E-04	9.80E-04	
AP	1	L12023-01	1/3/2007	Cs-137	3.60E-04	2.70E-04	8.90E-04	
AP	1	L12023-01	1/3/2007	Fe-59	2.80E-03	2.20E-03	7.40E-03	
AP	1	L12023-01	1/3/2007	I-131	-2.80E-01	1.30E-01	5.60E-01	
AP	1	L12023-01	1/3/2007	K-40	-1.00E-04	3.20E-03	1.40E-02	
AP	1	L12023-01	1/3/2007	La-140	0.00E+00	1.50E-02	7.90E-02	
AP	1	L12023-01	1/3/2007	Mn-54	7.00E-05	3.00E-04	1.20E-03	
AP	1	L12023-01	1/3/2007	Nb-95	4.00E-04	1.60E-03	6.10E-03	
AP	1	L12023-01	1/3/2007	Ru-103	-7.90E-04	7.80E-04	3.60E-03	
AP	1	L12023-01	1/3/2007	Ru-106	2.30E-03	2.20E-03	7.80E-03	
AP	1	L12023-01	1/3/2007	Sb-124	-9.00E-04	1.50E-03	7.90E-03	
AP	1	L12023-01	1/3/2007	Sb-125	1.40E-04	6.00E-04	2.30E-03	
AP	1	L12023-01	1/3/2007	Se-75	-6.30E-04	4.00E-04	1.70E-03	
AP	1	L12023-01	1/3/2007	Zn-65	-7.40E-04	6.50E-04	3.20E-03	
AP	1	L12023-01	1/3/2007	Zr-95	1.20E-03	1.10E-03	4.00E-03	
AP	2	L10382-02	1/4/2006	GROSS BETA	2.75E-02	1.60E-03	3.10E-03	*
AP	2	L10424-02	1/18/2006	GROSS BETA	1.18E-02	1.30E-03	3.40E-03	*
AP	2	L10487-02	2/1/2006	GROSS BETA	1.48E-02	1.40E-03	3.30E-03	*
AP	2	L10532-02	2/15/2006	GROSS BETA	1.36E-02	1.30E-03	3.20E-03	*
AP	2	L10578-02	3/1/2006	GROSS BETA	2.26E-02	1.50E-03	3.10E-03	*
AP	2	L10613-02	3/15/2006	GROSS BETA	1.13E-02	1.30E-03	3.50E-03	*
AP	2	L10667-02	3/29/2006	GROSS BETA	1.22E-02	1.30E-03	3.20E-03	*
AP	2	L10724-02	4/12/2006	GROSS BETA	1.68E-02	1.40E-03	3.10E-03	*
AP	2	L10738-02	3/29/2006	AcTh-228	-5.00E-04	2.20E-03	8.80E-03	
AP	2	L10738-02	3/29/2006	Ag-108m	-8.00E-05	4.30E-04	1.60E-03	
AP	2	L10738-02	3/29/2006	Ag-110m	3.10E-04	6.40E-04	2.50E-03	
AP	2	L10738-02	3/29/2006	Ba-140	0.00E+00	8.80E-03	3.70E-02	
AP	2	L10738-02	3/29/2006	Be-7	1.00E-01	1.50E-02	3.30E-02	*
AP	2	L10738-02	3/29/2006	Ce-141	1.70E-03	1.30E-03	4.20E-03	
AP	2	L10738-02	3/29/2006	Ce-144	6.00E-04	2.20E-03	7.90E-03	
AP	2	L10738-02	3/29/2006	Co-57	-4.00E-05	2.20E-04	8.30E-04	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	2	L10738-02	3/29/2006	Co-58	1.51E-03	8.50E-04	2.60E-03
AP	2	L10738-02	3/29/2006	Co-60	4.20E-04	6.30E-04	2.40E-03
AP	2	L10738-02	3/29/2006	Cr-51	1.80E-02	1.30E-02	4.20E-02
AP	2	L10738-02	3/29/2006	Cs-134	8.20E-04	6.40E-04	2.20E-03
AP	2	L10738-02	3/29/2006	Cs-137	-1.00E-05	9.00E-04	3.30E-03
AP	2	L10738-02	3/29/2006	Fe-59	-7.00E-04	1.90E-03	8.80E-03
AP	2	L10738-02	3/29/2006	I-131	-1.70E-02	1.70E-02	7.00E-02
AP	2	L10738-02	3/29/2006	K-40	6.20E-03	8.40E-03	3.00E-02
AP	2	L10738-02	3/29/2006	La-140	0.00E+00	1.00E-02	4.30E-02
AP	2	L10738-02	3/29/2006	Mn-54	3.70E-04	4.90E-04	1.80E-03
AP	2	L10738-02	3/29/2006	Nb-95	1.00E-04	1.40E-03	5.70E-03
AP	2	L10738-02	3/29/2006	Ru-103	5.00E-04	1.10E-03	4.00E-03
AP	2	L10738-02	3/29/2006	Ru-106	0.00E+00	4.20E-03	1.70E-02
AP	2	L10738-02	3/29/2006	Sb-124	9.00E-04	1.80E-03	7.60E-03
AP	2	L10738-02	3/29/2006	Sb-125	1.80E-03	1.20E-03	4.00E-03
AP	2	L10738-02	3/29/2006	Se-75	2.40E-04	6.10E-04	2.20E-03
AP	2	L10738-02	3/29/2006	Zn-65	2.00E-03	1.20E-03	3.70E-03
AP	2	L10738-02	3/29/2006	Zr-95	1.90E-03	1.30E-03	4.00E-03
AP	2	L10798-02	4/26/2006	GROSS BETA	1.00E-02	1.20E-03	3.20E-03 *
AP	2	L10857-02	5/10/2006	GROSS BETA	9.50E-03	1.30E-03	3.70E-03 *
AP	2	L10925-02	5/24/2006	GROSS BETA	7.20E-03	1.20E-03	3.30E-03 *
AP	2	L10979-02	6/7/2006	GROSS BETA	1.24E-02	1.20E-03	3.10E-03 *
AP	2	L11023-02	6/20/2006	GROSS BETA	8.90E-03	1.10E-03	2.90E-03 *
AP	2	L11159-02	7/19/2006	GROSS BETA	1.93E-02	1.30E-03	3.00E-03 *
AP	2	L11179-02	6/20/2006	AcTh-228	-4.20E-04	9.90E-04	4.00E-03
AP	2	L11179-02	6/20/2006	Ag-108m	1.30E-04	1.80E-04	6.30E-04
AP	2	L11179-02	6/20/2006	Ag-110m	4.70E-04	3.60E-04	1.20E-03
AP	2	L11179-02	6/20/2006	Ba-140	-5.40E-03	7.70E-03	3.60E-02
AP	2	L11179-02	6/20/2006	Be-7	1.01E-01	1.10E-02	1.90E-02 *
AP	2	L11179-02	6/20/2006	Ce-141	-9.00E-04	1.20E-03	4.50E-03
AP	2	L11179-02	6/20/2006	Ce-144	1.90E-03	1.20E-03	4.10E-03
AP	2	L11179-02	6/20/2006	Co-57	9.00E-05	1.60E-04	5.60E-04
AP	2	L11179-02	6/20/2006	Co-58	-5.10E-04	3.70E-04	1.70E-03
AP	2	L11179-02	6/20/2006	Co-60	4.00E-05	2.60E-04	1.00E-03
AP	2	L11179-02	6/20/2006	Cr-51	3.00E-03	1.10E-02	3.80E-02
AP	2	L11179-02	6/20/2006	Cs-134	3.70E-04	2.60E-04	8.80E-04
AP	2	L11179-02	6/20/2006	Cs-137	-4.30E-04	2.80E-04	1.20E-03
AP	2	L11179-02	6/20/2006	Fe-59	-4.00E-04	1.50E-03	6.10E-03
AP	2	L11179-02	6/20/2006	I-131	4.20E-02	3.50E-02	1.20E-01
AP	2	L11179-02	6/20/2006	K-40	-6.30E-03	3.10E-03	1.50E-02
AP	2	L11179-02	6/20/2006	La-140	-6.20E-03	8.80E-03	4.10E-02
AP	2	L11179-02	6/20/2006	Mn-54	4.80E-04	2.60E-04	8.10E-04
AP	2	L11179-02	6/20/2006	Nb-95	-2.30E-04	9.90E-04	3.90E-03
AP	2	L11179-02	6/20/2006	Ru-103	2.70E-04	7.20E-04	2.70E-03
AP	2	L11179-02	6/20/2006	Ru-106	-9.00E-04	2.50E-03	9.70E-03
AP	2	L11179-02	6/20/2006	Sb-124	-1.40E-03	1.20E-03	6.10E-03
AP	2	L11179-02	6/20/2006	Sb-125	-3.20E-04	6.30E-04	2.50E-03
AP	2	L11179-02	6/20/2006	Se-75	-4.10E-04	4.30E-04	1.60E-03
AP	2	L11179-02	6/20/2006	Zn-65	6.60E-04	6.60E-04	2.30E-03
AP	2	L11179-02	6/20/2006	Zr-95	-2.50E-04	9.10E-04	3.60E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	2	L11231-02	8/2/2006	GROSS BETA	1.19E-02	1.70E-03	4.70E-03	*
AP	2	L11287-02	8/16/2006	GROSS BETA	1.68E-02	1.40E-03	3.40E-03	*
AP	2	L11325-02	8/30/2006	GROSS BETA	1.22E-02	1.30E-03	3.50E-03	*
AP	2	L11387-02	9/13/2006	GROSS BETA	1.18E-02	1.30E-03	3.40E-03	*
AP	2	L11472-02	9/27/2006	GROSS BETA	1.57E-02	1.50E-03	3.70E-03	*
AP	2	L11514-02	10/11/2006	GROSS BETA	1.15E-02	1.40E-03	3.70E-03	*
AP	2	L11534-02	9/27/2006	AcTh-228	0.00E+00	1.70E-03	6.60E-03	
AP	2	L11534-02	9/27/2006	Ag-108m	-2.80E-04	3.50E-04	1.40E-03	
AP	2	L11534-02	9/27/2006	Ag-110m	5.80E-04	6.40E-04	2.30E-03	
AP	2	L11534-02	9/27/2006	Ba-140	4.00E-03	9.00E-03	3.70E-02	
AP	2	L11534-02	9/27/2006	Be-7	8.40E-02	1.50E-02	3.40E-02	*
AP	2	L11534-02	9/27/2006	Ce-141	2.90E-03	2.00E-03	6.50E-03	
AP	2	L11534-02	9/27/2006	Ce-144	-9.00E-04	2.20E-03	8.10E-03	
AP	2	L11534-02	9/27/2006	Co-57	4.30E-04	2.40E-04	7.80E-04	
AP	2	L11534-02	9/27/2006	Co-58	-3.00E-05	7.10E-04	2.90E-03	
AP	2	L11534-02	9/27/2006	Co-60	2.90E-04	4.30E-04	1.60E-03	
AP	2	L11534-02	9/27/2006	Cr-51	-8.00E-03	1.50E-02	5.90E-02	
AP	2	L11534-02	9/27/2006	Cs-134	3.10E-04	3.50E-04	1.30E-03	
AP	2	L11534-02	9/27/2006	Cs-137	4.90E-04	3.30E-04	1.10E-03	
AP	2	L11534-02	9/27/2006	Fe-59	1.40E-03	2.00E-03	7.50E-03	
AP	2	L11534-02	9/27/2006	I-131	1.90E-02	3.20E-02	1.10E-01	
AP	2	L11534-02	9/27/2006	K-40	-1.50E-02	5.80E-03	3.00E-02	
AP	2	L11534-02	9/27/2006	La-140	5.00E-03	1.00E-02	4.30E-02	
AP	2	L11534-02	9/27/2006	Mn-54	-1.90E-04	2.90E-04	1.40E-03	
AP	2	L11534-02	9/27/2006	Nb-95	-1.50E-03	1.20E-03	5.60E-03	
AP	2	L11534-02	9/27/2006	Ru-103	1.27E-03	8.40E-04	2.70E-03	
AP	2	L11534-02	9/27/2006	Ru-106	5.30E-03	3.90E-03	1.30E-02	
AP	2	L11534-02	9/27/2006	Sb-124	-3.60E-03	1.80E-03	1.10E-02	
AP	2	L11534-02	9/27/2006	Sb-125	-8.80E-04	9.30E-04	4.00E-03	
AP	2	L11534-02	9/27/2006	Se-75	-5.20E-04	5.20E-04	2.10E-03	
AP	2	L11534-02	9/27/2006	Zn-65	0.00E+00	8.20E-04	3.60E-03	
AP	2	L11534-02	9/27/2006	Zr-95	2.00E-03	1.10E-03	3.30E-03	
AP	2	L11589-02	10/25/2006	GROSS BETA	1.08E-02	1.30E-03	3.20E-03	*
AP	2	L11654-02	11/8/2006	GROSS BETA	1.48E-02	1.30E-03	3.00E-03	*
AP	2	L11711-02	11/22/2006	GROSS BETA	9.10E-03	1.30E-03	3.70E-03	*
AP	2	L11781-02	12/6/2006	GROSS BETA	2.12E-02	1.60E-03	3.70E-03	*
AP	2	L11842-02	12/20/2006	GROSS BETA	2.50E-02	1.70E-03	3.70E-03	*
AP	2	L12023-02	1/3/2007	AcTh-228	1.10E-03	1.10E-03	3.80E-03	
AP	2	L12023-02	1/3/2007	Ag-108m	-3.20E-04	1.90E-04	8.60E-04	
AP	2	L12023-02	1/3/2007	Ag-110m	-5.20E-04	3.40E-04	1.90E-03	
AP	2	L12023-02	1/3/2007	Ba-140	-2.20E-02	1.50E-02	1.00E-01	
AP	2	L12023-02	1/3/2007	Be-7	9.50E-02	1.20E-02	1.60E-02	*

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	2	L12023-02	1/3/2007	Ce-141	-1.10E-03	1.20E-03	4.80E-03
AP	2	L12023-02	1/3/2007	Ce-144	-5.10E-04	7.00E-04	3.00E-03
AP	2	L12023-02	1/3/2007	Co-57	-1.61E-04	9.40E-05	4.20E-04
AP	2	L12023-02	1/3/2007	Co-58	-3.00E-04	4.90E-04	2.30E-03
AP	2	L12023-02	1/3/2007	Co-60	-1.70E-04	2.50E-04	1.30E-03
AP	2	L12023-02	1/3/2007	Cr-51	-1.50E-02	1.30E-02	5.50E-02
AP	2	L12023-02	1/3/2007	Cs-134	0.00E+00	0.00E+00	2.70E-04
AP	2	L12023-02	1/3/2007	Cs-137	-2.30E-04	2.30E-04	1.10E-03
AP	2	L12023-02	1/3/2007	Fe-59	-8.00E-04	2.10E-03	9.50E-03
AP	2	L12023-02	1/3/2007	I-131	3.70E-02	9.60E-02	3.70E-01
AP	2	L12023-02	1/3/2007	K-40	-2.00E-04	3.20E-03	1.40E-02
AP	2	L12023-02	1/3/2007	La-140	-2.50E-02	1.80E-02	1.20E-01
AP	2	L12023-02	1/3/2007	Mn-54	-7.00E-05	3.10E-04	1.30E-03
AP	2	L12023-02	1/3/2007	Nb-95	-1.00E-03	1.60E-03	6.90E-03
AP	2	L12023-02	1/3/2007	Ru-103	7.90E-04	7.90E-04	2.90E-03
AP	2	L12023-02	1/3/2007	Ru-106	2.20E-03	2.20E-03	7.90E-03
AP	2	L12023-02	1/3/2007	Sb-124	-1.00E-03	1.70E-03	9.30E-03
AP	2	L12023-02	1/3/2007	Sb-125	-1.04E-03	6.50E-04	2.90E-03
AP	2	L12023-02	1/3/2007	Se-75	-4.00E-04	3.00E-04	1.30E-03
AP	2	L12023-02	1/3/2007	Zn-65	-1.41E-03	8.50E-04	4.20E-03
AP	2	L12023-02	1/3/2007	Zr-95	6.10E-04	9.40E-04	3.70E-03
AP	3	L10382-03	1/4/2006	GROSS BETA	2.89E-02	1.80E-03	3.70E-03 *
AP	3	L10424-03	1/18/2006	GROSS BETA	1.78E-02	1.60E-03	4.00E-03 *
AP	3	L10487-03	2/1/2006	GROSS BETA	1.83E-02	1.60E-03	3.70E-03 *
AP	3	L10532-03	2/15/2006	GROSS BETA	1.68E-02	1.60E-03	3.80E-03 *
AP	3	L10578-03	3/1/2006	GROSS BETA	2.65E-02	1.80E-03	3.70E-03 *
AP	3	L10613-03	3/15/2006	GROSS BETA	1.60E-02	1.60E-03	4.10E-03 *
AP	3	L10667-03	3/29/2006	GROSS BETA	1.47E-02	1.50E-03	3.60E-03 *
AP	3	L10724-03	4/12/2006	GROSS BETA	2.09E-02	1.70E-03	3.80E-03 *
AP	3	L10738-03	3/29/2006	AcTh-228	1.80E-03	1.80E-03	6.30E-03
AP	3	L10738-03	3/29/2006	Ag-108m	-6.50E-04	5.20E-04	2.10E-03
AP	3	L10738-03	3/29/2006	Ag-110m	-1.11E-03	7.20E-04	3.60E-03
AP	3	L10738-03	3/29/2006	Ba-140	-7.00E-03	1.00E-02	4.80E-02
AP	3	L10738-03	3/29/2006	Be-7	1.20E-01	1.90E-02	4.20E-02 *
AP	3	L10738-03	3/29/2006	Ce-141	-1.50E-03	1.60E-03	6.30E-03
AP	3	L10738-03	3/29/2006	Ce-144	-1.30E-03	2.20E-03	8.50E-03
AP	3	L10738-03	3/29/2006	Co-57	-4.00E-05	2.90E-04	1.10E-03
AP	3	L10738-03	3/29/2006	Co-58	-2.17E-03	9.80E-04	4.80E-03
AP	3	L10738-03	3/29/2006	Co-60	4.70E-04	6.60E-04	2.50E-03
AP	3	L10738-03	3/29/2006	Cr-51	-9.00E-03	1.10E-02	4.80E-02
AP	3	L10738-03	3/29/2006	Cs-134	8.20E-04	6.10E-04	2.10E-03
AP	3	L10738-03	3/29/2006	Cs-137	-1.80E-03	1.00E-03	4.10E-03
AP	3	L10738-03	3/29/2006	Fe-59	-1.70E-03	2.40E-03	1.10E-02
AP	3	L10738-03	3/29/2006	I-131	1.50E-02	2.00E-02	7.20E-02
AP	3	L10738-03	3/29/2006	K-40	-4.40E-03	7.50E-03	3.30E-02
AP	3	L10738-03	3/29/2006	La-140	-8.00E-03	1.20E-02	5.60E-02
AP	3	L10738-03	3/29/2006	Mn-54	7.10E-04	4.20E-04	1.20E-03
AP	3	L10738-03	3/29/2006	Nb-95	-3.00E-04	1.50E-03	6.20E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	3	L10738-03	3/29/2006	Ru-103	-3.00E-04	1.40E-03	5.40E-03
AP	3	L10738-03	3/29/2006	Ru-106	2.60E-03	4.20E-03	1.60E-02
AP	3	L10738-03	3/29/2006	Sb-124	-1.00E-04	1.70E-03	8.90E-03
AP	3	L10738-03	3/29/2006	Sb-125	-9.00E-04	1.50E-03	6.10E-03
AP	3	L10738-03	3/29/2006	Se-75	-4.50E-04	7.60E-04	3.00E-03
AP	3	L10738-03	3/29/2006	Zn-65	0.00E+00	1.50E-03	6.00E-03
AP	3	L10738-03	3/29/2006	Zr-95	7.00E-04	1.70E-03	6.70E-03
AP	3	L10798-03	4/26/2006	GROSS BETA	1.05E-02	1.40E-03	3.90E-03 *
AP	3	L10857-03	5/10/2006	GROSS BETA	1.25E-02	1.60E-03	4.40E-03 *
AP	3	L10925-03	5/24/2006	GROSS BETA	6.20E-03	1.30E-03	3.80E-03 *
AP	3	L10979-03	6/7/2006	GROSS BETA	1.63E-02	1.40E-03	3.50E-03 *
AP	3	L11023-03	6/20/2006	GROSS BETA	1.33E-02	1.40E-03	3.50E-03 *
AP	3	L11159-03	7/19/2006	GROSS BETA	2.15E-02	1.50E-03	3.50E-03 *
AP	3	L11179-03	6/20/2006	AcTh-228	-5.00E-04	1.30E-03	5.10E-03
AP	3	L11179-03	6/20/2006	Ag-108m	4.30E-04	2.30E-04	7.40E-04
AP	3	L11179-03	6/20/2006	Ag-110m	3.30E-04	5.30E-04	1.90E-03
AP	3	L11179-03	6/20/2006	Ba-140	9.50E-03	9.50E-03	3.40E-02
AP	3	L11179-03	6/20/2006	Be-7	1.02E-01	1.30E-02	2.80E-02 *
AP	3	L11179-03	6/20/2006	Ce-141	-8.00E-04	1.50E-03	5.50E-03
AP	3	L11179-03	6/20/2006	Ce-144	-1.20E-03	1.60E-03	6.00E-03
AP	3	L11179-03	6/20/2006	Co-57	3.40E-04	1.90E-04	6.10E-04
AP	3	L11179-03	6/20/2006	Co-58	1.40E-04	5.00E-04	1.90E-03
AP	3	L11179-03	6/20/2006	Co-60	1.70E-04	2.40E-04	9.40E-04
AP	3	L11179-03	6/20/2006	Cr-51	8.00E-03	1.30E-02	4.40E-02
AP	3	L11179-03	6/20/2006	Cs-134	-4.20E-04	2.60E-04	1.20E-03
AP	3	L11179-03	6/20/2006	Cs-137	-2.30E-04	2.90E-04	1.20E-03
AP	3	L11179-03	6/20/2006	Fe-59	-4.00E-04	1.30E-03	5.70E-03
AP	3	L11179-03	6/20/2006	I-131	-1.80E-02	4.50E-02	1.70E-01
AP	3	L11179-03	6/20/2006	K-40	3.70E-03	4.80E-03	1.70E-02
AP	3	L11179-03	6/20/2006	La-140	1.10E-02	1.10E-02	3.90E-02
AP	3	L11179-03	6/20/2006	Mn-54	4.50E-04	3.40E-04	1.10E-03
AP	3	L11179-03	6/20/2006	Nb-95	-3.90E-04	9.70E-04	4.00E-03
AP	3	L11179-03	6/20/2006	Ru-103	1.60E-04	9.50E-04	3.50E-03
AP	3	L11179-03	6/20/2006	Ru-106	1.10E-03	3.20E-03	1.20E-02
AP	3	L11179-03	6/20/2006	Sb-124	-3.30E-03	1.90E-03	9.10E-03
AP	3	L11179-03	6/20/2006	Sb-125	8.80E-04	6.80E-04	2.30E-03
AP	3	L11179-03	6/20/2006	Se-75	-2.40E-04	4.50E-04	1.70E-03
AP	3	L11179-03	6/20/2006	Zn-65	-5.80E-04	7.00E-04	3.10E-03
AP	3	L11179-03	6/20/2006	Zr-95	-8.40E-04	8.80E-04	3.80E-03
AP	3	L11231-03	8/2/2006	GROSS BETA	2.01E-02	1.60E-03	3.80E-03 *
AP	3	L11287-03	8/16/2006	GROSS BETA	6.40E-03	1.20E-03	3.60E-03 *
AP	3	L11303-01	8/23/2006	GROSS BETA	1.41E-02	2.40E-03	6.90E-03 *
AP	3	L11325-03	8/30/2006	GROSS BETA	6.10E-03	2.30E-03	7.40E-03
AP	3	L11387-03	9/13/2006	GROSS BETA	1.12E-02	1.40E-03	3.60E-03 *
AP	3	L11472-03	9/27/2006	GROSS BETA	1.91E-02	1.60E-03	3.90E-03 *
AP	3	L11514-03	10/11/2006	GROSS BETA	1.62E-02	1.50E-03	3.70E-03 *
AP	3	L11534-03	9/27/2006	AcTh-228	1.80E-03	1.40E-03	4.50E-03
AP	3	L11534-03	9/27/2006	Ag-108m	0.00E+00	2.70E-04	1.10E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	3	L11534-03	9/27/2006	Ag-110m	4.00E-04	6.30E-04	2.40E-03
AP	3	L11534-03	9/27/2006	Ba-140	-2.11E-02	9.40E-03	5.50E-02
AP	3	L11534-03	9/27/2006	Be-7	1.14E-01	1.60E-02	3.00E-02 *
AP	3	L11534-03	9/27/2006	Ce-141	3.00E-03	1.90E-03	6.10E-03
AP	3	L11534-03	9/27/2006	Ce-144	3.70E-03	2.40E-03	8.00E-03
AP	3	L11534-03	9/27/2006	Co-57	1.00E-04	2.40E-04	8.50E-04
AP	3	L11534-03	9/27/2006	Co-58	-7.10E-04	5.60E-04	2.80E-03
AP	3	L11534-03	9/27/2006	Co-60	-6.00E-05	4.50E-04	2.00E-03
AP	3	L11534-03	9/27/2006	Cr-51	2.60E-02	1.70E-02	5.70E-02
AP	3	L11534-03	9/27/2006	Cs-134	-2.70E-04	4.50E-04	2.00E-03
AP	3	L11534-03	9/27/2006	Cs-137	1.60E-04	3.30E-04	1.30E-03
AP	3	L11534-03	9/27/2006	Fe-59	0.00E+00	1.80E-03	7.80E-03
AP	3	L11534-03	9/27/2006	I-131	-7.00E-03	3.30E-02	1.30E-01
AP	3	L11534-03	9/27/2006	K-40	-1.78E-02	4.20E-03	2.70E-02
AP	3	L11534-03	9/27/2006	La-140	-2.40E-02	1.10E-02	6.40E-02
AP	3	L11534-03	9/27/2006	Mn-54	-4.50E-04	2.90E-04	1.60E-03
AP	3	L11534-03	9/27/2006	Nb-95	-3.00E-03	1.30E-03	6.60E-03
AP	3	L11534-03	9/27/2006	Ru-103	-8.00E-04	1.20E-03	5.00E-03
AP	3	L11534-03	9/27/2006	Ru-106	-1.50E-03	4.70E-03	1.90E-02
AP	3	L11534-03	9/27/2006	Sb-124	1.90E-03	1.90E-03	6.90E-03
AP	3	L11534-03	9/27/2006	Sb-125	0.00E+00	9.70E-04	3.80E-03
AP	3	L11534-03	9/27/2006	Se-75	-2.20E-04	6.80E-04	2.60E-03
AP	3	L11534-03	9/27/2006	Zn-65	-7.00E-04	1.10E-03	4.90E-03
AP	3	L11534-03	9/27/2006	Zr-95	-1.60E-03	1.20E-03	5.80E-03
AP	3	L11589-03	10/25/2006	GROSS BETA	1.56E-02	1.40E-03	3.20E-03 *
AP	3	L11654-03	11/8/2006	GROSS BETA	1.97E-02	1.40E-03	3.00E-03 *
AP	3	L11711-03	11/22/2006	GROSS BETA	9.60E-03	1.40E-03	3.80E-03 *
AP	3	L11781-03	12/6/2006	GROSS BETA	2.09E-02	1.60E-03	3.70E-03 *
AP	3	L11842-03	12/20/2006	GROSS BETA	2.82E-02	1.70E-03	3.70E-03 *
AP	3	L12023-03	1/3/2007	AcTh-228	7.00E-05	9.30E-04	3.90E-03
AP	3	L12023-03	1/3/2007	Ag-108m	5.00E-05	2.00E-04	7.50E-04
AP	3	L12023-03	1/3/2007	Ag-110m	3.20E-04	4.50E-04	1.70E-03
AP	3	L12023-03	1/3/2007	Ba-140	-2.20E-02	2.70E-02	1.30E-01
AP	3	L12023-03	1/3/2007	Be-7	5.20E-02	1.20E-02	3.20E-02 *
AP	3	L12023-03	1/3/2007	Ce-141	5.00E-04	1.30E-03	4.70E-03
AP	3	L12023-03	1/3/2007	Ce-144	9.00E-04	1.20E-03	4.10E-03
AP	3	L12023-03	1/3/2007	Co-57	-1.30E-04	1.20E-04	5.00E-04
AP	3	L12023-03	1/3/2007	Co-58	5.00E-05	3.80E-04	1.80E-03
AP	3	L12023-03	1/3/2007	Co-60	4.00E-04	3.20E-04	1.10E-03
AP	3	L12023-03	1/3/2007	Cr-51	-1.20E-02	1.70E-02	6.60E-02
AP	3	L12023-03	1/3/2007	Cs-134	5.00E-05	2.70E-04	1.10E-03
AP	3	L12023-03	1/3/2007	Cs-137	-1.70E-04	3.00E-04	1.30E-03
AP	3	L12023-03	1/3/2007	Fe-59	0.00E+00	0.00E+00	2.20E-03
AP	3	L12023-03	1/3/2007	I-131	-1.80E-01	1.00E-01	4.70E-01
AP	3	L12023-03	1/3/2007	K-40	-7.00E-04	2.70E-03	1.30E-02
AP	3	L12023-03	1/3/2007	La-140	-2.60E-02	3.10E-02	1.50E-01
AP	3	L12023-03	1/3/2007	Mn-54	-4.60E-04	3.40E-04	1.60E-03
AP	3	L12023-03	1/3/2007	Nb-95	3.20E-03	1.30E-03	3.10E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	3	L12023-03	1/3/2007	Ru-103	-5.50E-04	6.70E-04	3.30E-03
AP	3	L12023-03	1/3/2007	Ru-106	2.90E-03	1.90E-03	6.00E-03
AP	3	L12023-03	1/3/2007	Sb-124	1.00E-03	1.00E-03	2.80E-03
AP	3	L12023-03	1/3/2007	Sb-125	0.00E+00	4.80E-04	2.00E-03
AP	3	L12023-03	1/3/2007	Se-75	-2.70E-04	3.30E-04	1.40E-03
AP	3	L12023-03	1/3/2007	Zn-65	2.90E-04	5.00E-04	2.10E-03
AP	3	L12023-03	1/3/2007	Zr-95	1.00E-04	1.20E-03	4.90E-03
AP	4	L10382-04	1/4/2006	GROSS BETA	1.89E-02	1.50E-03	3.40E-03 *
AP	4	L10424-04	1/18/2006	GROSS BETA	1.46E-02	1.50E-03	3.70E-03 *
AP	4	L10487-04	2/1/2006	GROSS BETA	1.26E-02	1.40E-03	3.50E-03 *
AP	4	L10532-04	2/15/2006	GROSS BETA	1.16E-02	1.40E-03	3.50E-03 *
AP	4	L10578-04	3/1/2006	GROSS BETA	2.10E-02	1.60E-03	3.50E-03 *
AP	4	L10613-04	3/15/2006	GROSS BETA	9.00E-03	1.40E-03	3.90E-03 *
AP	4	L10667-04	3/29/2006	GROSS BETA	1.38E-02	1.40E-03	3.50E-03 *
AP	4	L10724-04	4/12/2006	GROSS BETA	1.68E-02	1.50E-03	3.50E-03 *
AP	4	L10738-04	3/29/2006	AcTh-228	1.10E-03	1.70E-03	6.60E-03
AP	4	L10738-04	3/29/2006	Ag-108m	-5.20E-04	4.40E-04	1.90E-03
AP	4	L10738-04	3/29/2006	Ag-110m	-5.80E-04	6.80E-04	3.20E-03
AP	4	L10738-04	3/29/2006	Ba-140	0.00E+00	9.80E-03	4.20E-02
AP	4	L10738-04	3/29/2006	Be-7	7.80E-02	1.50E-02	3.30E-02 *
AP	4	L10738-04	3/29/2006	Ce-141	-1.00E-04	1.40E-03	5.20E-03
AP	4	L10738-04	3/29/2006	Ce-144	2.10E-03	2.00E-03	6.80E-03
AP	4	L10738-04	3/29/2006	Co-57	-1.00E-05	3.00E-04	1.10E-03
AP	4	L10738-04	3/29/2006	Co-58	-1.44E-03	7.40E-04	3.80E-03
AP	4	L10738-04	3/29/2006	Co-60	2.40E-04	6.60E-04	2.60E-03
AP	4	L10738-04	3/29/2006	Cr-51	0.00E+00	1.30E-02	4.90E-02
AP	4	L10738-04	3/29/2006	Cs-134	8.00E-04	5.20E-04	1.70E-03
AP	4	L10738-04	3/29/2006	Cs-137	-1.20E-03	1.00E-03	4.00E-03
AP	4	L10738-04	3/29/2006	Fe-59	1.60E-03	2.00E-03	7.50E-03
AP	4	L10738-04	3/29/2006	I-131	2.00E-03	1.80E-02	6.80E-02
AP	4	L10738-04	3/29/2006	K-40	-1.07E-02	6.70E-03	3.30E-02
AP	4	L10738-04	3/29/2006	La-140	0.00E+00	1.10E-02	4.80E-02
AP	4	L10738-04	3/29/2006	Mn-54	1.10E-04	5.80E-04	2.30E-03
AP	4	L10738-04	3/29/2006	Nb-95	1.00E-04	1.60E-03	6.30E-03
AP	4	L10738-04	3/29/2006	Ru-103	0.00E+00	1.30E-03	4.90E-03
AP	4	L10738-04	3/29/2006	Ru-106	0.00E+00	5.80E-03	2.30E-02
AP	4	L10738-04	3/29/2006	Sb-124	-1.20E-03	1.20E-03	8.40E-03
AP	4	L10738-04	3/29/2006	Sb-125	-3.00E-04	1.40E-03	5.50E-03
AP	4	L10738-04	3/29/2006	Se-75	-1.70E-03	6.80E-04	3.00E-03
AP	4	L10738-04	3/29/2006	Zn-65	0.00E+00	1.20E-03	5.20E-03
AP	4	L10738-04	3/29/2006	Zr-95	3.30E-03	2.10E-03	6.80E-03
AP	4	L10798-04	4/26/2006	GROSS BETA	1.17E-02	1.40E-03	3.60E-03 *
AP	4	L10857-04	5/10/2006	GROSS BETA	8.80E-03	1.40E-03	4.10E-03 *
AP	4	L10925-04	5/24/2006	GROSS BETA	5.40E-03	1.30E-03	3.90E-03 *
AP	4	L10979-04	6/7/2006	GROSS BETA	1.51E-02	1.40E-03	3.50E-03 *
AP	4	L11023-04	6/20/2006	GROSS BETA	9.40E-03	1.30E-03	3.50E-03 *
AP	4	L11159-04	7/19/2006	GROSS BETA	1.98E-02	1.60E-03	3.70E-03 *
AP	4	L11179-04	6/20/2006	AcTh-228	7.00E-04	1.20E-03	4.20E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	4	L11179-04	6/20/2006	Ag-108m	3.40E-04	2.20E-04	7.40E-04
AP	4	L11179-04	6/20/2006	Ag-110m	2.10E-04	5.00E-04	1.90E-03
AP	4	L11179-04	6/20/2006	Ba-140	6.20E-03	9.70E-03	3.70E-02
AP	4	L11179-04	6/20/2006	Be-7	7.50E-02	1.10E-02	2.60E-02 *
AP	4	L11179-04	6/20/2006	Ce-141	7.00E-04	1.50E-03	5.30E-03
AP	4	L11179-04	6/20/2006	Ce-144	-1.20E-03	1.50E-03	5.50E-03
AP	4	L11179-04	6/20/2006	Co-57	1.00E-05	1.80E-04	6.60E-04
AP	4	L11179-04	6/20/2006	Co-58	5.00E-04	5.30E-04	1.90E-03
AP	4	L11179-04	6/20/2006	Co-60	-7.00E-05	3.40E-04	1.40E-03
AP	4	L11179-04	6/20/2006	Cr-51	-3.00E-03	1.20E-02	4.50E-02
AP	4	L11179-04	6/20/2006	Cs-134	8.00E-05	2.90E-04	1.10E-03
AP	4	L11179-04	6/20/2006	Cs-137	1.40E-04	2.90E-04	1.10E-03
AP	4	L11179-04	6/20/2006	Fe-59	1.70E-03	1.30E-03	4.50E-03
AP	4	L11179-04	6/20/2006	I-131	2.40E-02	4.60E-02	1.60E-01
AP	4	L11179-04	6/20/2006	K-40	5.00E-04	3.40E-03	1.30E-02
AP	4	L11179-04	6/20/2006	La-140	7.00E-03	1.10E-02	4.30E-02
AP	4	L11179-04	6/20/2006	Mn-54	6.40E-04	3.80E-04	1.20E-03
AP	4	L11179-04	6/20/2006	Nb-95	1.00E-03	1.00E-03	3.60E-03
AP	4	L11179-04	6/20/2006	Ru-103	-1.60E-04	7.80E-04	3.00E-03
AP	4	L11179-04	6/20/2006	Ru-106	-6.70E-03	3.30E-03	1.40E-02
AP	4	L11179-04	6/20/2006	Sb-124	0.00E+00	1.30E-03	5.70E-03
AP	4	L11179-04	6/20/2006	Sb-125	8.50E-04	7.00E-04	2.40E-03
AP	4	L11179-04	6/20/2006	Se-75	-2.90E-04	4.90E-04	1.80E-03
AP	4	L11179-04	6/20/2006	Zn-65	0.00E+00	8.40E-04	3.30E-03
AP	4	L11179-04	6/20/2006	Zr-95	-2.20E-04	7.70E-04	3.30E-03
AP	4	L11231-04	8/2/2006	GROSS BETA	1.81E-02	1.60E-03	3.90E-03 *
AP	4	L11287-04	8/16/2006	GROSS BETA	1.86E-02	1.50E-03	3.60E-03 *
AP	4	L11325-04	8/30/2006	GROSS BETA	1.13E-02	1.40E-03	3.80E-03 *
AP	4	L11387-04	9/13/2006	GROSS BETA	1.08E-02	1.40E-03	3.60E-03 *
AP	4	L11472-04	9/27/2006	GROSS BETA	1.83E-02	1.60E-03	3.90E-03 *
AP	4	L11514-04	10/11/2006	GROSS BETA	1.02E-02	1.40E-03	3.80E-03 *
AP	4	L11534-04	9/27/2006	AcTh-228	1.40E-03	1.50E-03	5.20E-03
AP	4	L11534-04	9/27/2006	Ag-108m	-2.20E-04	2.70E-04	1.20E-03
AP	4	L11534-04	9/27/2006	Ag-110m	6.10E-04	6.80E-04	2.50E-03
AP	4	L11534-04	9/27/2006	Ba-140	1.29E-02	9.60E-03	3.20E-02
AP	4	L11534-04	9/27/2006	Be-7	9.40E-02	1.50E-02	3.20E-02 *
AP	4	L11534-04	9/27/2006	Ce-141	3.80E-03	1.90E-03	6.10E-03
AP	4	L11534-04	9/27/2006	Ce-144	-1.60E-03	2.10E-03	8.20E-03
AP	4	L11534-04	9/27/2006	Co-57	-1.00E-04	2.20E-04	8.50E-04
AP	4	L11534-04	9/27/2006	Co-58	-2.50E-04	7.20E-04	3.10E-03
AP	4	L11534-04	9/27/2006	Co-60	-2.20E-04	3.30E-04	1.80E-03
AP	4	L11534-04	9/27/2006	Cr-51	1.30E-02	1.40E-02	5.10E-02
AP	4	L11534-04	9/27/2006	Cs-134	1.20E-04	4.90E-04	1.90E-03
AP	4	L11534-04	9/27/2006	Cs-137	-7.30E-04	4.50E-04	2.10E-03
AP	4	L11534-04	9/27/2006	Fe-59	7.00E-04	1.70E-03	6.90E-03
AP	4	L11534-04	9/27/2006	I-131	1.40E-02	3.20E-02	1.20E-01
AP	4	L11534-04	9/27/2006	K-40	-1.15E-02	4.40E-03	2.60E-02
AP	4	L11534-04	9/27/2006	La-140	1.50E-02	1.10E-02	3.60E-02
AP	4	L11534-04	9/27/2006	Mn-54	-1.90E-04	3.50E-04	1.60E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	4	L11534-04	9/27/2006	Nb-95	-9.00E-04	1.20E-03	5.40E-03
AP	4	L11534-04	9/27/2006	Ru-103	8.00E-04	1.10E-03	3.80E-03
AP	4	L11534-04	9/27/2006	Ru-106	-2.30E-03	4.10E-03	1.70E-02
AP	4	L11534-04	9/27/2006	Sb-124	0.00E+00	0.00E+00	2.60E-03
AP	4	L11534-04	9/27/2006	Sb-125	-4.70E-04	8.80E-04	3.70E-03
AP	4	L11534-04	9/27/2006	Se-75	3.30E-04	6.90E-04	2.50E-03
AP	4	L11534-04	9/27/2006	Zn-65	-7.00E-04	1.00E-03	4.70E-03
AP	4	L11534-04	9/27/2006	Zr-95	9.10E-04	9.50E-04	3.50E-03
AP	4	L11589-04	10/25/2006	GROSS BETA	1.32E-02	1.40E-03	3.40E-03 *
AP	4	L11654-04	11/8/2006	GROSS BETA	1.81E-02	1.40E-03	3.20E-03 *
AP	4	L11711-04	11/22/2006	GROSS BETA	7.50E-03	1.40E-03	3.90E-03 *
AP	4	L11781-04	12/6/2006	GROSS BETA	2.26E-02	1.60E-03	3.90E-03 *
AP	4	L11842-04	12/20/2006	GROSS BETA	2.71E-02	1.80E-03	3.90E-03 *
AP	4	L12023-04	1/3/2007	AcTh-228	5.00E-04	8.30E-04	3.10E-03
AP	4	L12023-04	1/3/2007	Ag-108m	-1.10E-04	1.30E-04	5.80E-04
AP	4	L12023-04	1/3/2007	Ag-110m	4.50E-04	5.00E-04	1.80E-03
AP	4	L12023-04	1/3/2007	Ba-140	0.00E+00	1.80E-02	8.00E-02
AP	4	L12023-04	1/3/2007	Be-7	6.67E-02	9.50E-03	1.60E-02 *
AP	4	L12023-04	1/3/2007	Ce-141	-1.80E-03	1.20E-03	5.00E-03
AP	4	L12023-04	1/3/2007	Ce-144	-4.80E-04	9.20E-04	3.60E-03
AP	4	L12023-04	1/3/2007	Co-57	-1.40E-04	1.20E-04	4.90E-04
AP	4	L12023-04	1/3/2007	Co-58	-4.30E-04	4.30E-04	2.00E-03
AP	4	L12023-04	1/3/2007	Co-60	-4.60E-04	2.80E-04	1.40E-03
AP	4	L12023-04	1/3/2007	Cr-51	0.00E+00	1.40E-02	5.20E-02
AP	4	L12023-04	1/3/2007	Cs-134	-2.90E-04	3.10E-04	1.30E-03
AP	4	L12023-04	1/3/2007	Cs-137	-6.00E-05	1.80E-04	7.80E-04
AP	4	L12023-04	1/3/2007	Fe-59	-2.40E-03	1.80E-03	8.60E-03
AP	4	L12023-04	1/3/2007	I-131	0.00E+00	9.60E-02	3.70E-01
AP	4	L12023-04	1/3/2007	K-40	3.50E-03	3.90E-03	1.40E-02
AP	4	L12023-04	1/3/2007	La-140	0.00E+00	2.10E-02	9.20E-02
AP	4	L12023-04	1/3/2007	Mn-54	-7.00E-05	3.00E-04	1.20E-03
AP	4	L12023-04	1/3/2007	Nb-95	7.00E-04	1.30E-03	4.90E-03
AP	4	L12023-04	1/3/2007	Ru-103	3.80E-04	9.10E-04	3.40E-03
AP	4	L12023-04	1/3/2007	Ru-106	-1.80E-03	2.30E-03	9.60E-03
AP	4	L12023-04	1/3/2007	Sb-124	7.00E-04	1.10E-03	4.90E-03
AP	4	L12023-04	1/3/2007	Sb-125	2.30E-04	5.20E-04	2.00E-03
AP	4	L12023-04	1/3/2007	Se-75	-2.50E-04	3.70E-04	1.40E-03
AP	4	L12023-04	1/3/2007	Zn-65	-3.90E-04	8.20E-04	3.40E-03
AP	4	L12023-04	1/3/2007	Zr-95	0.00E+00	1.00E-03	4.00E-03
AP	5	L10382-05	1/4/2006	GROSS BETA	2.47E-02	1.70E-03	3.80E-03 *
AP	5	L10424-05	1/18/2006	GROSS BETA	1.32E-02	1.50E-03	4.10E-03 *
AP	5	L10487-05	2/1/2006	GROSS BETA	1.54E-02	1.60E-03	4.00E-03 *
AP	5	L10532-05	2/15/2006	GROSS BETA	1.24E-02	1.50E-03	3.90E-03 *
AP	5	L10578-05	3/1/2006	GROSS BETA	2.69E-02	1.90E-03	4.10E-03 *
AP	5	L10613-05	3/15/2006	GROSS BETA	1.37E-02	1.60E-03	4.30E-03 *
AP	5	L10667-05	3/29/2006	GROSS BETA	1.14E-02	1.50E-03	3.90E-03 *
AP	5	L10724-05	4/12/2006	GROSS BETA	1.79E-02	1.70E-03	3.90E-03 *
AP	5	L10738-05	3/29/2006	AcTh-228	2.50E-03	2.00E-03	6.70E-03
AP	5	L10738-05	3/29/2006	Ag-108m	-5.90E-04	4.20E-04	1.80E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	5	L10738-05	3/29/2006	Ag-110m	-2.14E-03	9.80E-04	4.80E-03
AP	5	L10738-05	3/29/2006	Ba-140	0.00E+00	1.20E-02	5.10E-02
AP	5	L10738-05	3/29/2006	Be-7	7.80E-02	1.60E-02	3.90E-02 *
AP	5	L10738-05	3/29/2006	Ce-141	1.60E-03	1.90E-03	6.50E-03
AP	5	L10738-05	3/29/2006	Ce-144	-2.00E-03	3.00E-03	1.10E-02
AP	5	L10738-05	3/29/2006	Co-57	5.30E-04	3.50E-04	1.10E-03
AP	5	L10738-05	3/29/2006	Co-58	1.40E-04	9.00E-04	3.60E-03
AP	5	L10738-05	3/29/2006	Co-60	2.00E-05	7.00E-04	3.00E-03
AP	5	L10738-05	3/29/2006	Cr-51	2.00E-03	1.40E-02	5.20E-02
AP	5	L10738-05	3/29/2006	Cs-134	6.40E-04	7.40E-04	2.70E-03
AP	5	L10738-05	3/29/2006	Cs-137	-7.00E-04	1.10E-03	4.30E-03
AP	5	L10738-05	3/29/2006	Fe-59	3.60E-03	2.90E-03	9.80E-03
AP	5	L10738-05	3/29/2006	I-131	2.70E-02	2.00E-02	6.50E-02
AP	5	L10738-05	3/29/2006	K-40	-1.70E-02	7.60E-03	4.00E-02
AP	5	L10738-05	3/29/2006	La-140	0.00E+00	1.40E-02	5.90E-02
AP	5	L10738-05	3/29/2006	Mn-54	6.00E-04	5.30E-04	1.90E-03
AP	5	L10738-05	3/29/2006	Nb-95	-2.40E-03	1.90E-03	8.40E-03
AP	5	L10738-05	3/29/2006	Ru-103	1.30E-03	1.40E-03	5.00E-03
AP	5	L10738-05	3/29/2006	Ru-106	-5.60E-03	5.90E-03	2.50E-02
AP	5	L10738-05	3/29/2006	Sb-124	-2.00E-04	2.60E-03	1.20E-02
AP	5	L10738-05	3/29/2006	Sb-125	2.80E-03	1.50E-03	4.60E-03
AP	5	L10738-05	3/29/2006	Se-75	9.30E-04	6.80E-04	2.30E-03
AP	5	L10738-05	3/29/2006	Zn-65	1.50E-03	1.60E-03	5.80E-03
AP	5	L10738-05	3/29/2006	Zr-95	3.00E-04	1.40E-03	5.80E-03
AP	5	L10798-05	4/26/2006	GROSS BETA	8.00E-03	1.20E-03	3.30E-03 *
AP	5	L10857-05	5/10/2006	GROSS BETA	8.90E-03	1.30E-03	3.60E-03 *
AP	5	L10925-05	5/24/2006	GROSS BETA	3.80E-03	1.10E-03	3.30E-03 *
AP	5	L10979-05	6/7/2006	GROSS BETA	1.31E-02	1.20E-03	3.00E-03 *
AP	5	L11023-05	6/20/2006	GROSS BETA	1.17E-02	1.30E-03	3.30E-03 *
AP	5	L11159-05	7/19/2006	GROSS BETA	1.86E-02	1.50E-03	3.40E-03 *
AP	5	L11179-05	6/20/2006	AcTh-228	-1.90E-03	1.00E-03	4.50E-03
AP	5	L11179-05	6/20/2006	Ag-108m	-1.80E-04	1.90E-04	7.70E-04
AP	5	L11179-05	6/20/2006	Ag-110m	7.90E-04	4.60E-04	1.50E-03
AP	5	L11179-05	6/20/2006	Ba-140	2.90E-03	5.00E-03	2.10E-02
AP	5	L11179-05	6/20/2006	Be-7	1.13E-01	1.10E-02	2.00E-02 *
AP	5	L11179-05	6/20/2006	Ce-141	3.40E-03	1.40E-03	4.50E-03
AP	5	L11179-05	6/20/2006	Ce-144	1.70E-03	1.50E-03	5.10E-03
AP	5	L11179-05	6/20/2006	Co-57	1.20E-04	1.80E-04	6.30E-04
AP	5	L11179-05	6/20/2006	Co-58	-8.00E-04	4.70E-04	2.10E-03
AP	5	L11179-05	6/20/2006	Co-60	1.40E-04	2.50E-04	9.70E-04
AP	5	L11179-05	6/20/2006	Cr-51	2.50E-02	1.10E-02	3.40E-02
AP	5	L11179-05	6/20/2006	Cs-134	-2.80E-04	2.90E-04	1.20E-03
AP	5	L11179-05	6/20/2006	Cs-137	3.70E-04	3.30E-04	1.10E-03
AP	5	L11179-05	6/20/2006	Fe-59	-8.00E-04	1.50E-03	6.40E-03
AP	5	L11179-05	6/20/2006	I-131	5.00E-02	3.70E-02	1.20E-01
AP	5	L11179-05	6/20/2006	K-40	-7.30E-03	3.30E-03	2.00E-02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	5	L11179-05	6/20/2006	La-140	3.30E-03	5.70E-03	2.40E-02
AP	5	L11179-05	6/20/2006	Mn-54	2.00E-05	2.70E-04	1.00E-03
AP	5	L11179-05	6/20/2006	Nb-95	-2.20E-03	1.00E-03	4.60E-03
AP	5	L11179-05	6/20/2006	Ru-103	-1.40E-04	8.20E-04	3.10E-03
AP	5	L11179-05	6/20/2006	Ru-106	3.20E-03	2.80E-03	9.70E-03
AP	5	L11179-05	6/20/2006	Sb-124	2.40E-03	1.80E-03	5.80E-03
AP	5	L11179-05	6/20/2006	Sb-125	-1.12E-03	6.70E-04	2.80E-03
AP	5	L11179-05	6/20/2006	Se-75	-1.10E-04	4.50E-04	1.60E-03
AP	5	L11179-05	6/20/2006	Zn-65	6.90E-04	4.90E-04	1.60E-03
AP	5	L11179-05	6/20/2006	Zr-95	-8.00E-04	1.00E-03	4.10E-03
AP	5	L11231-05	8/2/2006	GROSS BETA	1.97E-02	1.50E-03	3.60E-03 *
AP	5	L11287-05	8/16/2006	GROSS BETA	1.91E-02	1.50E-03	3.40E-03 *
AP	5	L11325-05	8/30/2006	GROSS BETA	1.12E-02	1.30E-03	3.50E-03 *
AP	5	L11387-05	9/13/2006	GROSS BETA	1.10E-02	1.30E-03	3.40E-03 *
AP	5	L11472-05	9/27/2006	GROSS BETA	1.87E-02	1.50E-03	3.60E-03 *
AP	5	L11514-05	10/11/2006	GROSS BETA	1.45E-02	1.40E-03	3.50E-03 *
AP	5	L11534-05	9/27/2006	AcTh-228	0.00E+00	1.50E-03	6.20E-03
AP	5	L11534-05	9/27/2006	Ag-108m	-2.70E-04	3.10E-04	1.30E-03
AP	5	L11534-05	9/27/2006	Ag-110m	7.60E-04	6.60E-04	2.30E-03
AP	5	L11534-05	9/27/2006	Ba-140	-4.00E-03	8.90E-03	4.30E-02
AP	5	L11534-05	9/27/2006	Be-7	8.30E-02	1.60E-02	4.00E-02 *
AP	5	L11534-05	9/27/2006	Ce-141	3.50E-03	1.80E-03	5.60E-03
AP	5	L11534-05	9/27/2006	Ce-144	-1.80E-03	2.20E-03	8.30E-03
AP	5	L11534-05	9/27/2006	Co-57	-3.70E-04	2.30E-04	9.40E-04
AP	5	L11534-05	9/27/2006	Co-58	-8.00E-05	5.80E-04	2.50E-03
AP	5	L11534-05	9/27/2006	Co-60	-6.00E-04	4.70E-04	2.30E-03
AP	5	L11534-05	9/27/2006	Cr-51	1.20E-02	1.30E-02	4.50E-02
AP	5	L11534-05	9/27/2006	Cs-134	1.90E-04	3.70E-04	1.40E-03
AP	5	L11534-05	9/27/2006	Cs-137	1.20E-04	3.90E-04	1.50E-03
AP	5	L11534-05	9/27/2006	Fe-59	0.00E+00	1.40E-03	6.40E-03
AP	5	L11534-05	9/27/2006	I-131	0.00E+00	3.00E-02	1.10E-01
AP	5	L11534-05	9/27/2006	K-40	-5.00E-03	1.90E-03	1.60E-02
AP	5	L11534-05	9/27/2006	La-140	-5.00E-03	1.00E-02	4.90E-02
AP	5	L11534-05	9/27/2006	Mn-54	1.70E-04	3.20E-04	1.30E-03
AP	5	L11534-05	9/27/2006	Nb-95	-1.20E-03	1.00E-03	5.00E-03
AP	5	L11534-05	9/27/2006	Ru-103	2.50E-04	9.80E-04	3.80E-03
AP	5	L11534-05	9/27/2006	Ru-106	-8.00E-04	3.30E-03	1.40E-02
AP	5	L11534-05	9/27/2006	Sb-124	0.00E+00	2.20E-03	9.50E-03
AP	5	L11534-05	9/27/2006	Sb-125	-6.50E-04	9.50E-04	3.90E-03
AP	5	L11534-05	9/27/2006	Se-75	1.33E-03	4.90E-04	1.30E-03
AP	5	L11534-05	9/27/2006	Zn-65	3.30E-04	7.40E-04	3.10E-03
AP	5	L11534-05	9/27/2006	Zr-95	-1.20E-03	1.10E-03	5.20E-03
AP	5	L11589-05	10/25/2006	GROSS BETA	1.33E-02	1.30E-03	3.10E-03 *
AP	5	L11654-05	11/8/2006	GROSS BETA	1.84E-02	1.40E-03	2.80E-03 *
AP	5	L11711-05	11/22/2006	GROSS BETA	8.90E-03	1.30E-03	3.50E-03 *
AP	5	L11781-05	12/6/2006	GROSS BETA	2.18E-02	1.50E-03	3.50E-03 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	5	L11842-05	12/20/2006	GROSS BETA	2.78E-02	1.60E-03	3.50E-03	*
AP	5	L12023-05	1/3/2007	AcTh-228	1.20E-03	1.00E-03	3.60E-03	
AP	5	L12023-05	1/3/2007	Ag-108m	-3.10E-04	1.60E-04	8.10E-04	
AP	5	L12023-05	1/3/2007	Ag-110m	4.80E-04	4.00E-04	1.40E-03	
AP	5	L12023-05	1/3/2007	Ba-140	-3.60E-02	2.70E-02	1.40E-01	
AP	5	L12023-05	1/3/2007	Be-7	4.60E-02	1.10E-02	2.80E-02	*
AP	5	L12023-05	1/3/2007	Ce-141	-7.00E-04	1.20E-03	4.70E-03	
AP	5	L12023-05	1/3/2007	Ce-144	0.00E+00	1.00E-03	3.90E-03	
AP	5	L12023-05	1/3/2007	Co-57	1.00E-05	1.10E-04	4.20E-04	
AP	5	L12023-05	1/3/2007	Co-58	-5.50E-04	4.90E-04	2.60E-03	
AP	5	L12023-05	1/3/2007	Co-60	1.30E-04	2.70E-04	1.20E-03	
AP	5	L12023-05	1/3/2007	Cr-51	-1.30E-02	1.20E-02	5.30E-02	
AP	5	L12023-05	1/3/2007	Cs-134	2.70E-04	3.50E-04	1.30E-03	
AP	5	L12023-05	1/3/2007	Cs-137	-1.70E-04	1.70E-04	9.00E-04	
AP	5	L12023-05	1/3/2007	Fe-59	1.70E-03	1.70E-03	6.40E-03	
AP	5	L12023-05	1/3/2007	I-131	-6.40E-02	9.80E-02	4.20E-01	
AP	5	L12023-05	1/3/2007	K-40	2.90E-03	4.00E-03	1.50E-02	
AP	5	L12023-05	1/3/2007	La-140	-4.20E-02	3.10E-02	1.70E-01	
AP	5	L12023-05	1/3/2007	Mn-54	-4.00E-05	2.40E-04	1.10E-03	
AP	5	L12023-05	1/3/2007	Nb-95	-8.00E-05	7.50E-04	3.90E-03	
AP	5	L12023-05	1/3/2007	Ru-103	0.00E+00	8.30E-04	3.50E-03	
AP	5	L12023-05	1/3/2007	Ru-106	0.00E+00	2.00E-03	8.70E-03	
AP	5	L12023-05	1/3/2007	Sb-124	2.20E-03	1.60E-03	3.00E-03	
AP	5	L12023-05	1/3/2007	Sb-125	0.00E+00	5.70E-04	2.30E-03	
AP	5	L12023-05	1/3/2007	Se-75	1.10E-04	3.00E-04	1.20E-03	
AP	5	L12023-05	1/3/2007	Zn-65	3.10E-04	5.40E-04	2.30E-03	
AP	5	L12023-05	1/3/2007	Zr-95	-1.30E-04	8.80E-04	4.10E-03	
AP	7	L10382-06	1/4/2006	GROSS BETA	2.47E-02	1.60E-03	3.30E-03	*
AP	7	L10424-06	1/18/2006	GROSS BETA	1.70E-02	1.50E-03	3.50E-03	*
AP	7	L10487-06	2/1/2006	GROSS BETA	1.62E-02	1.40E-03	3.40E-03	*
AP	7	L10532-06	2/15/2006	GROSS BETA	1.37E-02	1.40E-03	3.40E-03	*
AP	7	L10578-06	3/1/2006	GROSS BETA	2.18E-02	1.50E-03	3.30E-03	*
AP	7	L10613-06	3/15/2006	GROSS BETA	1.22E-02	1.40E-03	3.70E-03	*
AP	7	L10667-06	3/29/2006	GROSS BETA	1.13E-02	1.30E-03	3.30E-03	*
AP	7	L10724-06	4/12/2006	GROSS BETA	1.83E-02	1.50E-03	3.40E-03	*
AP	7	L10738-06	3/29/2006	AcTh-228	2.40E-04	6.40E-04	2.50E-03	
AP	7	L10738-06	3/29/2006	Ag-108m	-2.50E-04	1.60E-04	6.90E-04	
AP	7	L10738-06	3/29/2006	Ag-110m	1.80E-04	3.30E-04	1.20E-03	
AP	7	L10738-06	3/29/2006	Ba-140	-2.50E-03	3.60E-03	1.70E-02	
AP	7	L10738-06	3/29/2006	Be-7	1.16E-01	1.00E-02	2.00E-02	*
AP	7	L10738-06	3/29/2006	Ce-141	4.20E-04	7.00E-04	2.40E-03	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	7	L10738-06	3/29/2006	Ce-144	-2.10E-04	9.60E-04	3.50E-03
AP	7	L10738-06	3/29/2006	Co-57	-3.00E-05	1.10E-04	4.00E-04
AP	7	L10738-06	3/29/2006	Co-58	-1.80E-04	3.60E-04	1.50E-03
AP	7	L10738-06	3/29/2006	Co-60	3.40E-04	2.20E-04	7.00E-04
AP	7	L10738-06	3/29/2006	Cr-51	-9.00E-04	6.20E-03	2.30E-02
AP	7	L10738-06	3/29/2006	Cs-134	-2.40E-04	2.60E-04	1.10E-03
AP	7	L10738-06	3/29/2006	Cs-137	1.50E-04	2.00E-04	7.10E-04
AP	7	L10738-06	3/29/2006	Fe-59	8.40E-04	6.70E-04	2.30E-03
AP	7	L10738-06	3/29/2006	I-131	0.00E+00	1.00E-02	3.80E-02
AP	7	L10738-06	3/29/2006	K-40	-9.00E-04	2.90E-03	1.20E-02
AP	7	L10738-06	3/29/2006	La-140	-2.90E-03	4.10E-03	1.90E-02
AP	7	L10738-06	3/29/2006	Mn-54	1.80E-04	2.30E-04	8.30E-04
AP	7	L10738-06	3/29/2006	Nb-95	-2.20E-04	5.70E-04	2.40E-03
AP	7	L10738-06	3/29/2006	Ru-103	5.30E-04	4.30E-04	1.50E-03
AP	7	L10738-06	3/29/2006	Ru-106	2.00E-04	2.30E-03	8.70E-03
AP	7	L10738-06	3/29/2006	Sb-124	7.90E-04	9.70E-04	3.70E-03
AP	7	L10738-06	3/29/2006	Sb-125	-1.00E-03	4.70E-04	2.10E-03
AP	7	L10738-06	3/29/2006	Se-75	9.00E-05	3.10E-04	1.10E-03
AP	7	L10738-06	3/29/2006	Zn-65	-4.10E-04	4.80E-04	2.20E-03
AP	7	L10738-06	3/29/2006	Zr-95	-1.47E-03	7.10E-04	3.30E-03
AP	7	L10798-06	4/26/2006	GROSS BETA	1.02E-02	1.30E-03	3.40E-03 *
AP	7	L10857-06	5/10/2006	GROSS BETA	1.06E-02	1.40E-03	3.90E-03 *
AP	7	L10925-06	5/24/2006	GROSS BETA	4.00E-03	1.20E-03	3.60E-03 *
AP	7	L10979-06	6/7/2006	GROSS BETA	1.51E-02	1.50E-03	3.70E-03 *
AP	7	L11023-06	6/20/2006	GROSS BETA	1.16E-02	1.40E-03	3.60E-03 *
AP	7	L11159-06	7/19/2006	GROSS BETA	1.77E-02	1.60E-03	4.00E-03 *
AP	7	L11179-06	6/20/2006	AcTh-228	-1.15E-03	9.30E-04	4.10E-03
AP	7	L11179-06	6/20/2006	Ag-108m	-1.90E-04	2.00E-04	8.20E-04
AP	7	L11179-06	6/20/2006	Ag-110m	-8.40E-04	6.10E-04	2.50E-03
AP	7	L11179-06	6/20/2006	Ba-140	1.53E-02	9.20E-03	2.80E-02
AP	7	L11179-06	6/20/2006	Be-7	9.70E-02	1.10E-02	2.30E-02 *
AP	7	L11179-06	6/20/2006	Ce-141	6.00E-04	1.40E-03	4.80E-03
AP	7	L11179-06	6/20/2006	Ce-144	-2.40E-03	1.60E-03	6.00E-03
AP	7	L11179-06	6/20/2006	Co-57	0.00E+00	1.90E-04	6.70E-04
AP	7	L11179-06	6/20/2006	Co-58	5.40E-04	5.90E-04	2.10E-03
AP	7	L11179-06	6/20/2006	Co-60	2.50E-04	2.50E-04	8.90E-04
AP	7	L11179-06	6/20/2006	Cr-51	-5.00E-03	1.10E-02	4.30E-02
AP	7	L11179-06	6/20/2006	Cs-134	-1.00E-05	2.40E-04	9.80E-04
AP	7	L11179-06	6/20/2006	Cs-137	2.10E-04	2.80E-04	1.00E-03
AP	7	L11179-06	6/20/2006	Fe-59	0.00E+00	1.40E-03	5.80E-03
AP	7	L11179-06	6/20/2006	I-131	4.10E-02	3.90E-02	1.30E-01
AP	7	L11179-06	6/20/2006	K-40	4.90E-03	3.90E-03	1.30E-02
AP	7	L11179-06	6/20/2006	La-140	1.80E-02	1.10E-02	3.30E-02
AP	7	L11179-06	6/20/2006	Mn-54	1.40E-04	2.70E-04	1.00E-03
AP	7	L11179-06	6/20/2006	Nb-95	1.00E-03	1.00E-03	3.70E-03
AP	7	L11179-06	6/20/2006	Ru-103	7.70E-04	6.70E-04	2.30E-03
AP	7	L11179-06	6/20/2006	Ru-106	1.40E-03	2.60E-03	9.40E-03
AP	7	L11179-06	6/20/2006	Sb-124	-2.10E-03	1.50E-03	7.30E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	7	L11179-06	6/20/2006	Sb-125	2.40E-04	6.30E-04	2.30E-03
AP	7	L11179-06	6/20/2006	Se-75	9.30E-04	4.60E-04	1.40E-03
AP	7	L11179-06	6/20/2006	Zn-65	-1.48E-03	7.40E-04	3.50E-03
AP	7	L11179-06	6/20/2006	Zr-95	-3.30E-04	9.40E-04	3.80E-03
AP	7	L11231-06	8/2/2006	GROSS BETA	1.83E-02	1.50E-03	3.80E-03 *
AP	7	L11287-06	8/16/2006	GROSS BETA	1.86E-02	1.60E-03	3.80E-03 *
AP	7	L11325-06	8/30/2006	GROSS BETA	1.20E-02	1.50E-03	3.90E-03 *
AP	7	L11387-06	9/13/2006	GROSS BETA	9.30E-03	1.40E-03	3.80E-03 *
AP	7	L11472-06	9/27/2006	GROSS BETA	1.37E-02	1.60E-03	4.10E-03 *
AP	7	L11514-06	10/11/2006	GROSS BETA	1.59E-02	1.60E-03	4.00E-03 *
AP	7	L11534-06	9/27/2006	AcTh-228	-2.30E-03	1.30E-03	6.80E-03
AP	7	L11534-06	9/27/2006	Ag-108m	6.80E-04	2.90E-04	8.20E-04
AP	7	L11534-06	9/27/2006	Ag-110m	0.00E+00	7.90E-04	3.20E-03
AP	7	L11534-06	9/27/2006	Ba-140	1.34E-02	7.70E-03	1.20E-02
AP	7	L11534-06	9/27/2006	Be-7	1.02E-01	1.70E-02	3.90E-02 *
AP	7	L11534-06	9/27/2006	Ce-141	2.60E-03	1.90E-03	6.20E-03
AP	7	L11534-06	9/27/2006	Ce-144	-2.30E-03	2.00E-03	8.00E-03
AP	7	L11534-06	9/27/2006	Co-57	-9.00E-05	2.00E-04	8.00E-04
AP	7	L11534-06	9/27/2006	Co-58	-1.36E-03	6.90E-04	3.50E-03
AP	7	L11534-06	9/27/2006	Co-60	5.30E-04	4.20E-04	1.40E-03
AP	7	L11534-06	9/27/2006	Cr-51	-3.00E-03	1.40E-02	5.40E-02
AP	7	L11534-06	9/27/2006	Cs-134	-4.00E-05	4.40E-04	1.90E-03
AP	7	L11534-06	9/27/2006	Cs-137	0.00E+00	4.50E-04	1.80E-03
AP	7	L11534-06	9/27/2006	Fe-59	0.00E+00	1.50E-03	7.10E-03
AP	7	L11534-06	9/27/2006	I-131	0.00E+00	3.60E-02	1.40E-01
AP	7	L11534-06	9/27/2006	K-40	-9.70E-03	6.00E-03	2.90E-02
AP	7	L11534-06	9/27/2006	La-140	1.54E-02	8.90E-03	1.40E-02
AP	7	L11534-06	9/27/2006	Mn-54	-9.00E-05	2.90E-04	1.40E-03
AP	7	L11534-06	9/27/2006	Nb-95	-2.40E-03	1.40E-03	6.70E-03
AP	7	L11534-06	9/27/2006	Ru-103	5.60E-04	9.70E-04	3.70E-03
AP	7	L11534-06	9/27/2006	Ru-106	4.00E-03	5.30E-03	1.90E-02
AP	7	L11534-06	9/27/2006	Sb-124	1.00E-03	2.20E-03	9.10E-03
AP	7	L11534-06	9/27/2006	Sb-125	2.40E-04	8.00E-04	3.20E-03
AP	7	L11534-06	9/27/2006	Se-75	2.30E-04	6.20E-04	2.30E-03
AP	7	L11534-06	9/27/2006	Zn-65	7.40E-04	7.40E-04	2.70E-03
AP	7	L11534-06	9/27/2006	Zr-95	-6.00E-04	1.10E-03	5.10E-03
AP	7	L11589-06	10/25/2006	GROSS BETA	1.20E-02	1.40E-03	3.50E-03 *
AP	7	L11654-06	11/8/2006	GROSS BETA	1.62E-02	1.40E-03	3.30E-03 *
AP	7	L11711-06	11/22/2006	GROSS BETA	1.00E-02	1.40E-03	4.00E-03 *
AP	7	L11781-06	12/6/2006	GROSS BETA	2.08E-02	1.70E-03	4.00E-03 *
AP	7	L11842-06	12/20/2006	GROSS BETA	2.83E-02	1.80E-03	4.00E-03 *
AP	7	L12023-06	1/3/2007	AcTh-228	-2.90E-03	1.20E-03	5.90E-03
AP	7	L12023-06	1/3/2007	Ag-108m	-1.00E-04	2.10E-04	8.60E-04
AP	7	L12023-06	1/3/2007	Ag-110m	-6.10E-04	4.30E-04	2.20E-03
AP	7	L12023-06	1/3/2007	Ba-140	1.00E-02	2.30E-02	9.60E-02
AP	7	L12023-06	1/3/2007	Be-7	8.30E-02	1.40E-02	2.90E-02 *
AP	7	L12023-06	1/3/2007	Ce-141	-2.00E-04	1.70E-03	6.20E-03
AP	7	L12023-06	1/3/2007	Ce-144	-6.00E-04	1.20E-03	4.60E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	7	L12023-06	1/3/2007	Co-57	5.00E-05	1.50E-04	5.50E-04
AP	7	L12023-06	1/3/2007	Co-58	-4.40E-04	5.40E-04	2.60E-03
AP	7	L12023-06	1/3/2007	Co-60	-2.10E-04	4.20E-04	1.80E-03
AP	7	L12023-06	1/3/2007	Cr-51	3.00E-03	1.80E-02	6.50E-02
AP	7	L12023-06	1/3/2007	Cs-134	-6.00E-05	2.00E-04	9.80E-04
AP	7	L12023-06	1/3/2007	Cs-137	1.60E-04	2.90E-04	1.10E-03
AP	7	L12023-06	1/3/2007	Fe-59	3.90E-03	2.30E-03	7.20E-03
AP	7	L12023-06	1/3/2007	I-131	8.00E-02	1.20E-01	4.30E-01
AP	7	L12023-06	1/3/2007	K-40	-1.00E-04	3.60E-03	1.50E-02
AP	7	L12023-06	1/3/2007	La-140	1.20E-02	2.70E-02	1.10E-01
AP	7	L12023-06	1/3/2007	Mn-54	-1.30E-04	2.20E-04	1.10E-03
AP	7	L12023-06	1/3/2007	Nb-95	3.00E-04	1.40E-03	5.70E-03
AP	7	L12023-06	1/3/2007	Ru-103	7.00E-04	1.20E-03	4.50E-03
AP	7	L12023-06	1/3/2007	Ru-106	1.50E-03	3.10E-03	1.10E-02
AP	7	L12023-06	1/3/2007	Sb-124	-1.90E-03	1.30E-03	8.80E-03
AP	7	L12023-06	1/3/2007	Sb-125	1.50E-04	7.40E-04	2.80E-03
AP	7	L12023-06	1/3/2007	Se-75	-2.30E-04	4.50E-04	1.80E-03
AP	7	L12023-06	1/3/2007	Zn-65	-1.37E-03	9.90E-04	4.60E-03
AP	7	L12023-06	1/3/2007	Zr-95	1.30E-03	1.20E-03	4.00E-03
AP	8	L10382-07	1/4/2006	GROSS BETA	2.56E-02	1.70E-03	3.50E-03 *
AP	8	L10424-07	1/18/2006	GROSS BETA	1.47E-02	1.50E-03	3.80E-03 *
AP	8	L10487-07	2/1/2006	GROSS BETA	1.50E-02	1.50E-03	3.60E-03 *
AP	8	L10532-07	2/15/2006	GROSS BETA	1.05E-02	1.40E-03	3.60E-03 *
AP	8	L10578-07	3/1/2006	GROSS BETA	2.70E-02	1.70E-03	3.50E-03 *
AP	8	L10613-07	3/15/2006	GROSS BETA	1.11E-02	1.40E-03	3.90E-03 *
AP	8	L10667-07	3/29/2006	GROSS BETA	1.16E-02	1.30E-03	3.40E-03 *
AP	8	L10724-07	4/12/2006	GROSS BETA	1.75E-02	1.50E-03	3.60E-03 *
AP	8	L10738-07	3/29/2006	AcTh-228	7.00E-04	1.60E-03	6.30E-03
AP	8	L10738-07	3/29/2006	Ag-108m	7.00E-05	2.90E-04	1.10E-03
AP	8	L10738-07	3/29/2006	Ag-110m	1.16E-03	7.20E-04	2.30E-03
AP	8	L10738-07	3/29/2006	Ba-140	-1.34E-02	7.10E-03	3.80E-02
AP	8	L10738-07	3/29/2006	Be-7	8.90E-02	1.40E-02	2.90E-02 *
AP	8	L10738-07	3/29/2006	Ce-141	-2.50E-03	1.60E-03	6.30E-03
AP	8	L10738-07	3/29/2006	Ce-144	1.20E-03	2.20E-03	7.60E-03
AP	8	L10738-07	3/29/2006	Co-57	1.00E-04	2.20E-04	8.00E-04
AP	8	L10738-07	3/29/2006	Co-58	3.20E-04	6.20E-04	2.40E-03
AP	8	L10738-07	3/29/2006	Co-60	1.10E-04	4.80E-04	2.00E-03
AP	8	L10738-07	3/29/2006	Cr-51	2.00E-03	1.20E-02	4.30E-02
AP	8	L10738-07	3/29/2006	Cs-134	-1.50E-04	4.30E-04	1.80E-03
AP	8	L10738-07	3/29/2006	Cs-137	-1.30E-04	4.40E-04	1.80E-03
AP	8	L10738-07	3/29/2006	Fe-59	0.00E+00	2.00E-03	8.30E-03
AP	8	L10738-07	3/29/2006	I-131	0.00E+00	1.70E-02	6.60E-02
AP	8	L10738-07	3/29/2006	K-40	-2.90E-03	4.70E-03	2.20E-02
AP	8	L10738-07	3/29/2006	La-140	-1.54E-02	8.20E-03	4.40E-02
AP	8	L10738-07	3/29/2006	Mn-54	9.00E-04	5.00E-04	1.50E-03
AP	8	L10738-07	3/29/2006	Nb-95	1.80E-03	1.30E-03	4.40E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	8	L10738-07	3/29/2006	Ru-103	6.00E-04	1.10E-03	4.00E-03
AP	8	L10738-07	3/29/2006	Ru-106	-4.50E-03	4.30E-03	1.80E-02
AP	8	L10738-07	3/29/2006	Sb-124	-5.90E-03	2.20E-03	1.30E-02
AP	8	L10738-07	3/29/2006	Sb-125	-1.12E-03	9.30E-04	4.10E-03
AP	8	L10738-07	3/29/2006	Se-75	-2.00E-04	5.20E-04	2.00E-03
AP	8	L10738-07	3/29/2006	Zn-65	1.00E-03	1.00E-03	3.60E-03
AP	8	L10738-07	3/29/2006	Zr-95	6.00E-04	1.10E-03	4.40E-03
AP	8	L10798-07	4/26/2006	GROSS BETA	1.02E-02	1.40E-03	3.60E-03 *
AP	8	L10857-07	5/10/2006	GROSS BETA	9.90E-03	1.50E-03	4.10E-03 *
AP	8	L10925-07	5/24/2006	GROSS BETA	6.30E-03	1.30E-03	3.80E-03 *
AP	8	L10979-07	6/7/2006	GROSS BETA	1.36E-02	1.40E-03	3.50E-03 *
AP	8	L11023-07	6/20/2006	GROSS BETA	1.09E-02	1.30E-03	3.40E-03 *
AP	8	L11159-07	7/19/2006	GROSS BETA	1.84E-02	1.50E-03	3.60E-03 *
AP	8	L11179-07	6/20/2006	AcTh-228	2.00E-04	1.10E-03	4.20E-03
AP	8	L11179-07	6/20/2006	Ag-108m	-2.30E-04	2.30E-04	9.20E-04
AP	8	L11179-07	6/20/2006	Ag-110m	-1.10E-04	4.90E-04	1.90E-03
AP	8	L11179-07	6/20/2006	Ba-140	-6.30E-03	7.70E-03	3.80E-02
AP	8	L11179-07	6/20/2006	Be-7	1.04E-01	1.10E-02	2.10E-02 *
AP	8	L11179-07	6/20/2006	Ce-141	-6.00E-04	1.40E-03	5.10E-03
AP	8	L11179-07	6/20/2006	Ce-144	-2.30E-03	1.50E-03	5.90E-03
AP	8	L11179-07	6/20/2006	Co-57	-1.30E-04	1.80E-04	6.70E-04
AP	8	L11179-07	6/20/2006	Co-58	3.70E-04	4.90E-04	1.80E-03
AP	8	L11179-07	6/20/2006	Co-60	-2.40E-04	2.80E-04	1.30E-03
AP	8	L11179-07	6/20/2006	Cr-51	-6.00E-03	1.20E-02	4.60E-02
AP	8	L11179-07	6/20/2006	Cs-134	-6.00E-05	2.70E-04	1.10E-03
AP	8	L11179-07	6/20/2006	Cs-137	-1.20E-04	3.10E-04	1.20E-03
AP	8	L11179-07	6/20/2006	Fe-59	-2.10E-03	1.50E-03	7.00E-03
AP	8	L11179-07	6/20/2006	I-131	-1.20E-02	4.00E-02	1.50E-01
AP	8	L11179-07	6/20/2006	K-40	4.10E-03	3.80E-03	1.30E-02
AP	8	L11179-07	6/20/2006	La-140	-7.20E-03	8.80E-03	4.30E-02
AP	8	L11179-07	6/20/2006	Mn-54	4.50E-04	3.50E-04	1.20E-03
AP	8	L11179-07	6/20/2006	Nb-95	2.00E-04	1.10E-03	4.30E-03
AP	8	L11179-07	6/20/2006	Ru-103	7.80E-04	7.80E-04	2.70E-03
AP	8	L11179-07	6/20/2006	Ru-106	-3.10E-03	3.20E-03	1.30E-02
AP	8	L11179-07	6/20/2006	Sb-124	2.10E-03	1.30E-03	3.90E-03
AP	8	L11179-07	6/20/2006	Sb-125	-1.09E-03	7.00E-04	2.90E-03
AP	8	L11179-07	6/20/2006	Se-75	-1.12E-03	5.40E-04	2.10E-03
AP	8	L11179-07	6/20/2006	Zn-65	-1.90E-04	6.80E-04	2.80E-03
AP	8	L11179-07	6/20/2006	Zr-95	3.10E-04	9.90E-04	3.70E-03
AP	8	L11231-07	8/2/2006	GROSS BETA	1.71E-02	1.50E-03	3.80E-03 *
AP	8	L11287-07	8/16/2006	GROSS BETA	1.94E-02	1.50E-03	3.50E-03 *
AP	8	L11325-07	8/30/2006	GROSS BETA	1.19E-02	1.40E-03	3.70E-03 *
AP	8	L11387-07	9/13/2006	GROSS BETA	1.13E-02	1.30E-03	3.50E-03 *
AP	8	L11472-07	9/27/2006	GROSS BETA	1.54E-02	1.60E-03	4.10E-03 *
AP	8	L11514-07	10/11/2006	GROSS BETA	1.56E-02	1.40E-03	3.60E-03 *
AP	8	L11534-07	9/27/2006	AcTh-228	0.00E+00	1.40E-03	5.60E-03
AP	8	L11534-07	9/27/2006	Ag-108m	-3.60E-04	3.30E-04	1.40E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	8	L11534-07	9/27/2006	Ag-110m	-6.00E-04	5.30E-04	2.60E-03
AP	8	L11534-07	9/27/2006	Ba-140	-8.40E-03	8.40E-03	4.50E-02
AP	8	L11534-07	9/27/2006	Be-7	7.00E-02	1.40E-02	3.30E-02 *
AP	8	L11534-07	9/27/2006	Ce-141	6.00E-04	1.90E-03	6.90E-03
AP	8	L11534-07	9/27/2006	Ce-144	3.70E-03	2.30E-03	7.60E-03
AP	8	L11534-07	9/27/2006	Co-57	3.00E-05	2.00E-04	7.60E-04
AP	8	L11534-07	9/27/2006	Co-58	3.80E-04	7.50E-04	2.90E-03
AP	8	L11534-07	9/27/2006	Co-60	-9.00E-05	5.20E-04	2.20E-03
AP	8	L11534-07	9/27/2006	Cr-51	1.30E-02	1.50E-02	5.10E-02
AP	8	L11534-07	9/27/2006	Cs-134	-1.70E-04	4.00E-04	1.80E-03
AP	8	L11534-07	9/27/2006	Cs-137	-1.10E-04	4.10E-04	1.70E-03
AP	8	L11534-07	9/27/2006	Fe-59	4.40E-03	2.10E-03	5.30E-03
AP	8	L11534-07	9/27/2006	I-131	3.30E-02	3.20E-02	1.10E-01
AP	8	L11534-07	9/27/2006	K-40	-9.60E-03	4.70E-03	2.50E-02
AP	8	L11534-07	9/27/2006	La-140	-9.70E-03	9.70E-03	5.20E-02
AP	8	L11534-07	9/27/2006	Mn-54	3.30E-04	4.00E-04	1.50E-03
AP	8	L11534-07	9/27/2006	Nb-95	-2.00E-04	1.20E-03	4.90E-03
AP	8	L11534-07	9/27/2006	Ru-103	2.70E-04	7.00E-04	2.90E-03
AP	8	L11534-07	9/27/2006	Ru-106	7.00E-04	2.50E-03	1.00E-02
AP	8	L11534-07	9/27/2006	Sb-124	9.30E-04	9.30E-04	2.50E-03
AP	8	L11534-07	9/27/2006	Sb-125	-1.80E-03	1.10E-03	4.90E-03
AP	8	L11534-07	9/27/2006	Se-75	-8.60E-04	5.90E-04	2.50E-03
AP	8	L11534-07	9/27/2006	Zn-65	0.00E+00	9.90E-04	4.20E-03
AP	8	L11534-07	9/27/2006	Zr-95	-1.10E-03	1.40E-03	6.10E-03
AP	8	L11589-07	10/25/2006	GROSS BETA	1.34E-02	1.30E-03	3.20E-03 *
AP	8	L11654-07	11/8/2006	GROSS BETA	1.86E-02	1.40E-03	2.90E-03 *
AP	8	L11711-07	11/22/2006	GROSS BETA	7.90E-03	1.30E-03	3.60E-03 *
AP	8	L11781-07	12/6/2006	GROSS BETA	1.73E-02	1.50E-03	3.60E-03 *
AP	8	L11842-07	12/20/2006	GROSS BETA	2.69E-02	1.70E-03	3.60E-03 *
AP	8	L12023-07	1/3/2007	AcTh-228	6.40E-04	8.00E-04	3.00E-03
AP	8	L12023-07	1/3/2007	Ag-108m	-4.00E-05	1.60E-04	6.70E-04
AP	8	L12023-07	1/3/2007	Ag-110m	6.00E-05	3.50E-04	1.50E-03
AP	8	L12023-07	1/3/2007	Ba-140	-2.10E-02	1.50E-02	9.90E-02
AP	8	L12023-07	1/3/2007	Be-7	5.90E-02	1.20E-02	2.70E-02 *
AP	8	L12023-07	1/3/2007	Ce-141	-1.80E-03	1.10E-03	4.70E-03
AP	8	L12023-07	1/3/2007	Ce-144	1.11E-03	7.80E-04	2.60E-03
AP	8	L12023-07	1/3/2007	Co-57	-1.02E-04	8.70E-05	3.80E-04
AP	8	L12023-07	1/3/2007	Co-58	-2.90E-04	4.80E-04	2.30E-03
AP	8	L12023-07	1/3/2007	Co-60	1.30E-04	1.30E-04	3.60E-04
AP	8	L12023-07	1/3/2007	Cr-51	2.00E-02	1.20E-02	3.70E-02
AP	8	L12023-07	1/3/2007	Cs-134	5.00E-05	2.70E-04	1.10E-03
AP	8	L12023-07	1/3/2007	Cs-137	1.50E-04	1.50E-04	5.40E-04

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	8	L12023-07	1/3/2007	Fe-59	0.00E+00	1.10E-03	5.70E-03
AP	8	L12023-07	1/3/2007	I-131	3.20E-02	8.90E-02	3.40E-01
AP	8	L12023-07	1/3/2007	K-40	-2.90E-03	2.50E-03	1.40E-02
AP	8	L12023-07	1/3/2007	La-140	-2.50E-02	1.70E-02	1.10E-01
AP	8	L12023-07	1/3/2007	Mn-54	-7.00E-05	3.00E-04	1.30E-03
AP	8	L12023-07	1/3/2007	Nb-95	-1.19E-03	9.80E-04	5.20E-03
AP	8	L12023-07	1/3/2007	Ru-103	2.60E-04	7.80E-04	3.10E-03
AP	8	L12023-07	1/3/2007	Ru-106	-7.00E-04	2.10E-03	9.30E-03
AP	8	L12023-07	1/3/2007	Sb-124	-2.00E-03	1.40E-03	9.10E-03
AP	8	L12023-07	1/3/2007	Sb-125	-1.40E-04	5.20E-04	2.20E-03
AP	8	L12023-07	1/3/2007	Se-75	1.40E-04	2.40E-04	9.00E-04
AP	8	L12023-07	1/3/2007	Zn-65	-2.80E-04	4.80E-04	2.60E-03
AP	8	L12023-07	1/3/2007	Zr-95	1.00E-04	1.10E-03	4.70E-03
AP	9	L10382-08	1/4/2006	GROSS BETA	2.71E-02	1.60E-03	3.20E-03 *
AP	9	L10424-08	1/18/2006	GROSS BETA	1.41E-02	1.40E-03	3.50E-03 *
AP	9	L10487-08	2/1/2006	GROSS BETA	1.77E-02	1.40E-03	3.30E-03 *
AP	9	L10532-08	2/15/2006	GROSS BETA	1.44E-02	1.40E-03	3.30E-03 *
AP	9	L10578-08	3/1/2006	GROSS BETA	2.20E-02	1.50E-03	3.20E-03 *
AP	9	L10613-08	3/15/2006	GROSS BETA	1.02E-02	1.30E-03	3.60E-03 *
AP	9	L10667-08	3/29/2006	GROSS BETA	1.15E-02	1.30E-03	3.20E-03 *
AP	9	L10724-08	4/12/2006	GROSS BETA	1.94E-02	1.50E-03	3.20E-03 *
AP	9	L10738-08	3/29/2006	AcTh-228	-1.00E-04	1.50E-03	6.00E-03
AP	9	L10738-08	3/29/2006	Ag-108m	-4.10E-04	3.20E-04	1.40E-03
AP	9	L10738-08	3/29/2006	Ag-110m	9.20E-04	6.60E-04	2.20E-03
AP	9	L10738-08	3/29/2006	Ba-140	0.00E+00	6.30E-03	2.80E-02
AP	9	L10738-08	3/29/2006	Be-7	9.30E-02	1.40E-02	2.90E-02 *
AP	9	L10738-08	3/29/2006	Ce-141	3.00E-04	1.60E-03	5.70E-03
AP	9	L10738-08	3/29/2006	Ce-144	-3.00E-04	2.10E-03	7.70E-03
AP	9	L10738-08	3/29/2006	Co-57	-1.40E-04	2.10E-04	8.20E-04
AP	9	L10738-08	3/29/2006	Co-58	-2.10E-04	6.10E-04	2.60E-03
AP	9	L10738-08	3/29/2006	Co-60	-6.00E-05	4.20E-04	1.90E-03
AP	9	L10738-08	3/29/2006	Cr-51	6.00E-03	1.10E-02	3.90E-02
AP	9	L10738-08	3/29/2006	Cs-134	-2.50E-04	4.20E-04	1.90E-03
AP	9	L10738-08	3/29/2006	Cs-137	-1.90E-04	3.40E-04	1.50E-03
AP	9	L10738-08	3/29/2006	Fe-59	-5.40E-03	2.00E-03	1.00E-02
AP	9	L10738-08	3/29/2006	I-131	-2.20E-02	1.60E-02	6.90E-02
AP	9	L10738-08	3/29/2006	K-40	-1.30E-03	4.30E-03	1.90E-02
AP	9	L10738-08	3/29/2006	La-140	0.00E+00	7.20E-03	3.20E-02
AP	9	L10738-08	3/29/2006	Mn-54	1.20E-04	4.40E-04	1.70E-03
AP	9	L10738-08	3/29/2006	Nb-95	7.00E-05	8.70E-04	3.70E-03
AP	9	L10738-08	3/29/2006	Ru-103	-7.00E-05	9.70E-04	3.80E-03
AP	9	L10738-08	3/29/2006	Ru-106	3.30E-03	4.90E-03	1.80E-02
AP	9	L10738-08	3/29/2006	Sb-124	-8.00E-04	1.40E-03	7.40E-03
AP	9	L10738-08	3/29/2006	Sb-125	-2.15E-03	9.60E-04	4.40E-03
AP	9	L10738-08	3/29/2006	Se-75	-1.90E-04	5.30E-04	2.10E-03
AP	9	L10738-08	3/29/2006	Zn-65	-1.60E-03	1.10E-03	5.10E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	9	L10738-08	3/29/2006	Zr-95	8.10E-04	9.30E-04	3.40E-03
AP	9	L10798-08	4/26/2006	GROSS BETA	9.60E-03	1.20E-03	3.30E-03 *
AP	9	L10857-08	5/10/2006	GROSS BETA	1.18E-02	1.40E-03	3.70E-03 *
AP	9	L10925-08	5/24/2006	GROSS BETA	7.40E-03	1.20E-03	3.50E-03 *
AP	9	L10979-08	6/7/2006	GROSS BETA	1.41E-02	1.50E-03	3.70E-03 *
AP	9	L11023-08	6/20/2006	GROSS BETA	9.30E-03	1.30E-03	3.50E-03 *
AP	9	L11159-08	7/19/2006	GROSS BETA	2.15E-02	1.60E-03	3.80E-03 *
AP	9	L11179-08	6/20/2006	AcTh-228	9.00E-04	1.00E-03	3.70E-03
AP	9	L11179-08	6/20/2006	Ag-108m	1.80E-04	2.30E-04	8.10E-04
AP	9	L11179-08	6/20/2006	Ag-110m	1.00E-04	3.40E-04	1.30E-03
AP	9	L11179-08	6/20/2006	Ba-140	1.50E-02	1.10E-02	3.60E-02
AP	9	L11179-08	6/20/2006	Be-7	7.90E-02	1.10E-02	2.40E-02 *
AP	9	L11179-08	6/20/2006	Ce-141	3.60E-03	1.40E-03	4.30E-03
AP	9	L11179-08	6/20/2006	Ce-144	-5.00E-04	1.50E-03	5.30E-03
AP	9	L11179-08	6/20/2006	Co-57	-4.00E-04	1.60E-04	6.50E-04
AP	9	L11179-08	6/20/2006	Co-58	-1.60E-04	5.20E-04	2.10E-03
AP	9	L11179-08	6/20/2006	Co-60	-4.00E-05	2.60E-04	1.10E-03
AP	9	L11179-08	6/20/2006	Cr-51	-1.10E-02	1.10E-02	4.30E-02
AP	9	L11179-08	6/20/2006	Cs-134	4.10E-04	3.00E-04	1.00E-03
AP	9	L11179-08	6/20/2006	Cs-137	-2.80E-04	2.90E-04	1.20E-03
AP	9	L11179-08	6/20/2006	Fe-59	-4.00E-04	1.60E-03	6.70E-03
AP	9	L11179-08	6/20/2006	I-131	-1.20E-02	3.50E-02	1.30E-01
AP	9	L11179-08	6/20/2006	K-40	9.00E-04	4.10E-03	1.60E-02
AP	9	L11179-08	6/20/2006	La-140	1.70E-02	1.20E-02	4.10E-02
AP	9	L11179-08	6/20/2006	Mn-54	2.00E-04	2.70E-04	9.90E-04
AP	9	L11179-08	6/20/2006	Nb-95	-1.70E-03	1.10E-03	4.70E-03
AP	9	L11179-08	6/20/2006	Ru-103	-8.90E-04	7.60E-04	3.20E-03
AP	9	L11179-08	6/20/2006	Ru-106	5.10E-03	2.70E-03	8.60E-03
AP	9	L11179-08	6/20/2006	Sb-124	1.00E-03	1.40E-03	5.40E-03
AP	9	L11179-08	6/20/2006	Sb-125	0.00E+00	5.40E-04	2.10E-03
AP	9	L11179-08	6/20/2006	Se-75	6.00E-05	4.00E-04	1.50E-03
AP	9	L11179-08	6/20/2006	Zn-65	-1.80E-04	7.40E-04	3.00E-03
AP	9	L11179-08	6/20/2006	Zr-95	-1.73E-03	8.60E-04	4.00E-03
AP	9	L11231-08	8/2/2006	GROSS BETA	2.04E-02	1.50E-03	3.60E-03 *
AP	9	L11287-08	8/16/2006	GROSS BETA	2.05E-02	1.50E-03	3.50E-03 *
AP	9	L11325-08	8/30/2006	GROSS BETA	1.10E-02	1.30E-03	3.60E-03 *
AP	9	L11387-08	9/13/2006	GROSS BETA	1.24E-02	1.40E-03	3.60E-03 *
AP	9	L11472-08	9/27/2006	GROSS BETA	2.04E-02	1.60E-03	3.80E-03 *
AP	9	L11514-08	10/11/2006	GROSS BETA	1.53E-02	1.50E-03	3.60E-03 *
AP	9	L11534-08	9/27/2006	AcTh-228	9.00E-04	1.00E-03	3.80E-03
AP	9	L11534-08	9/27/2006	Ag-108m	7.10E-04	3.20E-04	9.30E-04
AP	9	L11534-08	9/27/2006	Ag-110m	2.00E-04	6.50E-04	2.60E-03
AP	9	L11534-08	9/27/2006	Ba-140	0.00E+00	5.90E-03	3.10E-02
AP	9	L11534-08	9/27/2006	Be-7	8.50E-02	1.50E-02	3.70E-02 *
AP	9	L11534-08	9/27/2006	Ce-141	1.00E-04	1.70E-03	6.30E-03
AP	9	L11534-08	9/27/2006	Ce-144	1.20E-03	2.30E-03	8.20E-03
AP	9	L11534-08	9/27/2006	Co-57	-3.90E-04	2.30E-04	9.50E-04
AP	9	L11534-08	9/27/2006	Co-58	3.80E-04	7.30E-04	2.80E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	9	L11534-08	9/27/2006	Co-60	-2.10E-04	3.20E-04	1.70E-03
AP	9	L11534-08	9/27/2006	Cr-51	7.00E-03	1.20E-02	4.50E-02
AP	9	L11534-08	9/27/2006	Cs-134	3.00E-05	2.50E-04	1.20E-03
AP	9	L11534-08	9/27/2006	Cs-137	1.10E-04	4.30E-04	1.70E-03
AP	9	L11534-08	9/27/2006	Fe-59	-7.00E-04	1.90E-03	8.60E-03
AP	9	L11534-08	9/27/2006	I-131	2.70E-02	3.30E-02	1.20E-01
AP	9	L11534-08	9/27/2006	K-40	-4.90E-03	3.80E-03	2.00E-02
AP	9	L11534-08	9/27/2006	La-140	0.00E+00	6.80E-03	3.50E-02
AP	9	L11534-08	9/27/2006	Mn-54	-4.10E-04	3.80E-04	1.80E-03
AP	9	L11534-08	9/27/2006	Nb-95	-2.60E-03	1.20E-03	6.30E-03
AP	9	L11534-08	9/27/2006	Ru-103	-2.60E-04	8.70E-04	3.70E-03
AP	9	L11534-08	9/27/2006	Ru-106	2.20E-03	3.90E-03	1.50E-02
AP	9	L11534-08	9/27/2006	Sb-124	-9.20E-04	9.20E-04	6.80E-03
AP	9	L11534-08	9/27/2006	Sb-125	0.00E+00	1.00E-03	3.90E-03
AP	9	L11534-08	9/27/2006	Se-75	-6.40E-04	5.60E-04	2.30E-03
AP	9	L11534-08	9/27/2006	Zn-65	-3.40E-04	6.00E-04	3.20E-03
AP	9	L11534-08	9/27/2006	Zr-95	6.00E-04	1.20E-03	4.70E-03
AP	9	L11589-08	10/25/2006	GROSS BETA	1.38E-02	1.30E-03	3.20E-03 *
AP	9	L11654-08	11/8/2006	GROSS BETA	1.97E-02	1.40E-03	3.00E-03 *
AP	9	L11711-08	11/22/2006	GROSS BETA	1.13E-02	1.30E-03	3.60E-03 *
AP	9	L11781-08	12/6/2006	GROSS BETA	2.16E-02	1.60E-03	3.60E-03 *
AP	9	L11842-08	12/20/2006	GROSS BETA	2.73E-02	1.70E-03	3.60E-03 *
AP	9	L12023-08	1/3/2007	AcTh-228	7.00E-04	1.10E-03	4.10E-03
AP	9	L12023-08	1/3/2007	Ag-108m	-5.00E-05	1.50E-04	6.50E-04
AP	9	L12023-08	1/3/2007	Ag-110m	0.00E+00	3.80E-04	1.70E-03
AP	9	L12023-08	1/3/2007	Ba-140	2.20E-02	2.20E-02	8.00E-02
AP	9	L12023-08	1/3/2007	Be-7	6.00E-02	1.10E-02	2.30E-02 *
AP	9	L12023-08	1/3/2007	Ce-141	-5.00E-04	1.20E-03	4.80E-03
AP	9	L12023-08	1/3/2007	Ce-144	-1.31E-03	9.70E-04	4.00E-03
AP	9	L12023-08	1/3/2007	Co-57	-1.51E-04	9.10E-05	4.10E-04
AP	9	L12023-08	1/3/2007	Co-58	-4.40E-04	5.40E-04	2.60E-03
AP	9	L12023-08	1/3/2007	Co-60	-1.70E-04	2.50E-04	1.30E-03
AP	9	L12023-08	1/3/2007	Cr-51	1.40E-02	1.40E-02	4.70E-02
AP	9	L12023-08	1/3/2007	Cs-134	6.00E-05	2.90E-04	1.20E-03
AP	9	L12023-08	1/3/2007	Cs-137	1.10E-04	2.30E-04	8.80E-04
AP	9	L12023-08	1/3/2007	Fe-59	1.60E-03	1.90E-03	7.30E-03
AP	9	L12023-08	1/3/2007	I-131	3.20E-01	1.10E-01	3.00E-01
AP	9	L12023-08	1/3/2007	K-40	2.20E-03	4.10E-03	1.60E-02
AP	9	L12023-08	1/3/2007	La-140	2.50E-02	2.50E-02	9.20E-02
AP	9	L12023-08	1/3/2007	Mn-54	-2.10E-04	2.30E-04	1.20E-03
AP	9	L12023-08	1/3/2007	Nb-95	-2.70E-03	1.00E-03	6.10E-03
AP	9	L12023-08	1/3/2007	Ru-103	5.30E-04	6.50E-04	2.50E-03
AP	9	L12023-08	1/3/2007	Ru-106	-5.00E-04	2.20E-03	9.60E-03
AP	9	L12023-08	1/3/2007	Sb-124	4.00E-03	2.00E-03	2.70E-03
AP	9	L12023-08	1/3/2007	Sb-125	1.50E-04	5.40E-04	2.10E-03
AP	9	L12023-08	1/3/2007	Se-75	2.10E-04	3.30E-04	1.20E-03
AP	9	L12023-08	1/3/2007	Zn-65	-2.80E-04	4.80E-04	2.60E-03
AP	9	L12023-08	1/3/2007	Zr-95	-5.40E-04	9.00E-04	4.30E-03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	1	L10382-01	1/4/2006	I-131	-8.00E-04	5.40E-03	2.10E-02
CF	1	L10424-01	1/18/2006	I-131	-1.10E-03	4.80E-03	1.90E-02
CF	1	L10487-01	2/1/2006	I-131	-2.20E-03	3.30E-03	1.40E-02
CF	1	L10532-01	2/15/2006	I-131	-7.00E-03	1.10E-02	4.50E-02
CF	1	L10578-01	3/1/2006	I-131	-1.22E-02	5.70E-03	2.60E-02
CF	1	L10613-01	3/15/2006	I-131	5.90E-03	5.60E-03	1.90E-02
CF	1	L10667-01	3/29/2006	I-131	-5.20E-03	4.30E-03	1.90E-02
CF	1	L10724-01	4/12/2006	I-131	0.00E+00	5.70E-03	2.20E-02
CF	1	L10798-01	4/26/2006	I-131	2.00E-03	6.00E-03	2.30E-02
CF	1	L10857-01	5/10/2006	I-131	6.40E-03	4.80E-03	1.60E-02
CF	1	L10925-01	5/24/2006	I-131	9.90E-03	4.70E-03	1.30E-02
CF	1	L10979-01	6/7/2006	I-131	-2.10E-03	5.30E-03	2.20E-02
CF	1	L11023-01	6/20/2006	I-131	5.80E-03	6.20E-03	2.20E-02
CF	1	L11159-01	7/19/2006	I-131	-9.00E-04	6.00E-03	2.40E-02
CF	1	L11231-01	8/2/2006	I-131	0.00E+00	5.60E-03	2.10E-02
CF	1	L11287-01	8/16/2006	I-131	-7.50E-03	6.00E-03	2.50E-02
CF	1	L11325-01	8/30/2006	I-131	6.60E-03	4.00E-03	1.30E-02
CF	1	L11387-01	9/13/2006	I-131	-2.20E-03	4.90E-03	1.90E-02
CF	1	L11472-01	9/27/2006	I-131	0.00E+00	5.30E-03	2.00E-02
CF	1	L11514-0110/11/2006	I-131	7.60E-03	5.40E-03	1.80E-02	
CF	1	L11589-0110/25/2006	I-131	9.20E-03	4.70E-03	1.40E-02	
CF	1	L11654-01	11/8/2006	I-131	1.00E-03	5.70E-03	2.10E-02
CF	1	L11711-0111/22/2006	I-131	-2.00E-03	5.20E-03	2.00E-02	
CF	1	L11781-01	12/6/2006	I-131	3.60E-03	4.20E-03	1.50E-02
CF	1	L11842-0112/20/2006	I-131	9.00E-03	8.60E-03	3.00E-02	
CF	2	L10382-02	1/4/2006	I-131	2.00E-04	6.90E-03	2.60E-02
CF	2	L10424-02	1/18/2006	I-131	0.00E+00	5.90E-03	2.20E-02
CF	2	L10487-02	2/1/2006	I-131	5.10E-03	3.60E-03	1.20E-02
CF	2	L10532-02	2/15/2006	I-131	-1.82E-02	9.70E-03	4.30E-02
CF	2	L10578-02	3/1/2006	I-131	1.10E-03	5.50E-03	2.10E-02
CF	2	L10613-02	3/15/2006	I-131	-2.00E-04	4.10E-03	1.60E-02
CF	2	L10667-02	3/29/2006	I-131	3.70E-03	3.70E-03	1.30E-02
CF	2	L10724-02	4/12/2006	I-131	1.00E-03	4.20E-03	1.60E-02
CF	2	L10798-02	4/26/2006	I-131	-3.00E-04	5.60E-03	2.20E-02
CF	2	L10857-02	5/10/2006	I-131	4.70E-03	4.50E-03	1.60E-02
CF	2	L10925-02	5/24/2006	I-131	8.70E-03	5.70E-03	1.90E-02
CF	2	L10979-02	6/7/2006	I-131	2.40E-03	6.50E-03	2.40E-02
CF	2	L11023-02	6/20/2006	I-131	-5.00E-04	5.50E-03	2.20E-02
CF	2	L11159-02	7/19/2006	I-131	-6.60E-03	5.30E-03	2.30E-02
CF	2	L11231-02	8/2/2006	I-131	-5.10E-03	7.80E-03	3.10E-02
CF	2	L11287-02	8/16/2006	I-131	4.30E-03	4.80E-03	1.70E-02
CF	2	L11325-02	8/30/2006	I-131	4.40E-03	4.10E-03	1.40E-02
CF	2	L11387-02	9/13/2006	I-131	-2.20E-03	6.10E-03	2.40E-02
CF	2	L11472-02	9/27/2006	I-131	0.00E+00	4.60E-03	1.80E-02
CF	2	L11514-0210/11/2006	I-131	9.20E-03	4.90E-03	1.50E-02	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	2	L11589-02	10/25/2006	I-131	1.06E-02	6.20E-03	2.00E-02
CF	2	L11654-02	11/8/2006	I-131	-5.20E-03	4.30E-03	1.90E-02
CF	2	L11711-02	11/22/2006	I-131	-7.40E-03	4.60E-03	2.10E-02
CF	2	L11781-02	12/6/2006	I-131	1.40E-02	5.30E-03	1.50E-02
CF	2	L11842-02	12/20/2006	I-131	-3.70E-03	8.20E-03	3.30E-02
CF	3	L10382-03	1/4/2006	I-131	6.00E-03	8.20E-03	2.90E-02
CF	3	L10424-03	1/18/2006	I-131	0.00E+00	6.00E-03	2.30E-02
CF	3	L10487-03	2/1/2006	I-131	-7.20E-03	5.30E-03	2.20E-02
CF	3	L10532-03	2/15/2006	I-131	-5.00E-03	1.10E-02	4.50E-02
CF	3	L10578-03	3/1/2006	I-131	2.50E-03	5.70E-03	2.10E-02
CF	3	L10613-03	3/15/2006	I-131	2.80E-03	5.20E-03	1.90E-02
CF	3	L10667-03	3/29/2006	I-131	4.20E-03	4.50E-03	1.60E-02
CF	3	L10724-03	4/12/2006	I-131	-4.90E-03	5.80E-03	2.40E-02
CF	3	L10798-03	4/26/2006	I-131	-4.20E-03	6.70E-03	2.70E-02
CF	3	L10857-03	5/10/2006	I-131	1.10E-03	5.30E-03	2.00E-02
CF	3	L10925-03	5/24/2006	I-131	-3.90E-03	7.40E-03	2.90E-02
CF	3	L10979-03	6/7/2006	I-131	1.60E-03	5.50E-03	2.10E-02
CF	3	L11023-03	6/20/2006	I-131	5.00E-03	6.90E-03	2.50E-02
CF	3	L11159-03	7/19/2006	I-131	1.20E-02	6.90E-03	2.20E-02
CF	3	L11231-03	8/2/2006	I-131	-2.20E-03	6.10E-03	2.40E-02
CF	3	L11287-03	8/16/2006	I-131	-3.50E-03	5.00E-03	2.10E-02
CF	3	L11303-01	8/23/2006	I-131	-1.19E-02	8.90E-03	3.80E-02
CF	3	L11325-03	8/30/2006	I-131	-1.12E-02	5.80E-03	2.60E-02
CF	3	L11387-03	9/13/2006	I-131	-7.30E-03	4.50E-03	1.90E-02
CF	3	L11472-03	9/27/2006	I-131	4.60E-03	6.70E-03	2.40E-02
CF	3	L11514-03	10/11/2006	I-131	-1.20E-03	4.50E-03	1.80E-02
CF	3	L11589-03	10/25/2006	I-131	0.00E+00	5.20E-03	2.00E-02
CF	3	L11654-03	11/8/2006	I-131	-2.10E-03	4.90E-03	2.00E-02
CF	3	L11711-03	11/22/2006	I-131	-3.20E-03	3.90E-03	1.70E-02
CF	3	L11781-03	12/6/2006	I-131	-7.60E-03	5.00E-03	2.10E-02
CF	3	L11842-03	12/20/2006	I-131	-1.50E-02	9.20E-03	4.00E-02
CF	4	L10382-04	1/4/2006	I-131	-1.40E-03	7.10E-03	2.80E-02
CF	4	L10424-04	1/18/2006	I-131	-1.20E-03	6.30E-03	2.40E-02
CF	4	L10487-04	2/1/2006	I-131	-5.00E-04	5.30E-03	2.00E-02
CF	4	L10532-04	2/15/2006	I-131	-1.20E-02	1.10E-02	4.50E-02
CF	4	L10578-04	3/1/2006	I-131	0.00E+00	6.90E-03	2.60E-02
CF	4	L10613-04	3/15/2006	I-131	2.30E-03	4.40E-03	1.60E-02
CF	4	L10667-04	3/29/2006	I-131	2.00E-03	4.80E-03	1.80E-02
CF	4	L10724-04	4/12/2006	I-131	3.50E-03	5.00E-03	1.80E-02
CF	4	L10798-04	4/26/2006	I-131	-3.90E-03	6.20E-03	2.50E-02
CF	4	L10857-04	5/10/2006	I-131	5.20E-03	4.50E-03	1.60E-02
CF	4	L10925-04	5/24/2006	I-131	2.00E-03	6.30E-03	2.40E-02
CF	4	L10979-04	6/7/2006	I-131	5.20E-03	7.10E-03	2.50E-02
CF	4	L11023-04	6/20/2006	I-131	-2.00E-04	7.10E-03	2.70E-02
CF	4	L11159-04	7/19/2006	I-131	1.23E-02	6.90E-03	2.20E-02
CF	4	L11231-04	8/2/2006	I-131	-3.20E-03	4.80E-03	2.00E-02
CF	4	L11287-04	8/16/2006	I-131	7.00E-03	4.90E-03	1.60E-02
CF	4	L11325-04	8/30/2006	I-131	3.00E-04	3.70E-03	1.40E-02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	4	L11387-04	9/13/2006	I-131	-4.90E-03	5.00E-03	2.00E-02
CF	4	L11472-04	9/27/2006	I-131	2.30E-03	5.70E-03	2.10E-02
CF	4	L11514-04	10/11/2006	I-131	3.50E-03	4.80E-03	1.70E-02
CF	4	L11589-04	10/25/2006	I-131	0.00E+00	7.20E-03	2.70E-02
CF	4	L11654-04	11/8/2006	I-131	3.30E-03	4.80E-03	1.80E-02
CF	4	L11711-04	11/22/2006	I-131	-7.90E-03	6.30E-03	2.60E-02
CF	4	L11781-04	12/6/2006	I-131	0.00E+00	4.40E-03	1.70E-02
CF	4	L11842-04	12/20/2006	I-131	-1.90E-03	7.00E-03	2.90E-02
CF	5	L10382-05	1/4/2006	I-131	4.60E-03	8.30E-03	3.00E-02
CF	5	L10424-05	1/18/2006	I-131	0.00E+00	7.10E-03	2.70E-02
CF	5	L10487-05	2/1/2006	I-131	3.40E-03	4.70E-03	1.70E-02
CF	5	L10532-05	2/15/2006	I-131	4.00E-03	1.10E-02	4.30E-02
CF	5	L10578-05	3/1/2006	I-131	0.00E+00	7.20E-03	2.70E-02
CF	5	L10613-05	3/15/2006	I-131	-5.00E-03	5.30E-03	2.20E-02
CF	5	L10667-05	3/29/2006	I-131	5.70E-03	5.30E-03	1.80E-02
CF	5	L10724-05	4/12/2006	I-131	-3.90E-03	6.20E-03	2.50E-02
CF	5	L10798-05	4/26/2006	I-131	3.90E-03	6.90E-03	2.50E-02
CF	5	L10857-05	5/10/2006	I-131	-7.70E-03	5.20E-03	2.30E-02
CF	5	L10925-05	5/24/2006	I-131	-1.00E-03	3.80E-03	1.60E-02
CF	5	L10979-05	6/7/2006	I-131	-2.90E-03	5.20E-03	2.10E-02
CF	5	L11023-05	6/20/2006	I-131	3.00E-04	7.40E-03	2.80E-02
CF	5	L11159-05	7/19/2006	I-131	-7.00E-04	6.30E-03	2.50E-02
CF	5	L11231-05	8/2/2006	I-131	-8.30E-03	5.80E-03	2.50E-02
CF	5	L11287-05	8/16/2006	I-131	3.30E-03	5.00E-03	1.80E-02
CF	5	L11325-05	8/30/2006	I-131	-8.00E-04	4.00E-03	1.50E-02
CF	5	L11387-05	9/13/2006	I-131	-3.80E-03	4.60E-03	1.80E-02
CF	5	L11472-05	9/27/2006	I-131	1.19E-02	5.00E-03	1.40E-02
CF	5	L11514-05	10/11/2006	I-131	1.10E-03	4.20E-03	1.60E-02
CF	5	L11589-05	10/25/2006	I-131	1.20E-02	5.50E-03	1.70E-02
CF	5	L11654-05	11/8/2006	I-131	5.00E-03	4.60E-03	1.60E-02
CF	5	L11711-05	11/22/2006	I-131	-1.00E-02	4.70E-03	2.10E-02
CF	5	L11781-05	12/6/2006	I-131	-4.40E-03	4.80E-03	1.90E-02
CF	5	L11842-05	12/20/2006	I-131	-8.80E-03	8.10E-03	3.40E-02
CF	7	L10382-06	1/4/2006	I-131	3.60E-03	6.70E-03	2.50E-02
CF	7	L10424-06	1/18/2006	I-131	-1.10E-03	5.70E-03	2.20E-02
CF	7	L10487-06	2/1/2006	I-131	5.00E-04	4.10E-03	1.60E-02
CF	7	L10532-06	2/15/2006	I-131	-1.43E-02	9.00E-03	4.00E-02
CF	7	L10578-06	3/1/2006	I-131	1.10E-03	6.30E-03	2.40E-02
CF	7	L10613-06	3/15/2006	I-131	7.60E-03	4.60E-03	1.50E-02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	7	L10667-06	3/29/2006	I-131	6.80E-03	4.70E-03	1.50E-02
CF	7	L10724-06	4/12/2006	I-131	-2.20E-03	5.60E-03	2.20E-02
CF	7	L10798-06	4/26/2006	I-131	2.00E-04	6.70E-03	2.50E-02
CF	7	L10857-06	5/10/2006	I-131	-9.00E-04	4.90E-03	2.00E-02
CF	7	L10925-06	5/24/2006	I-131	0.00E+00	5.10E-03	2.00E-02
CF	7	L10979-06	6/7/2006	I-131	2.08E-02	7.90E-03	2.30E-02
CF	7	L11023-06	6/20/2006	I-131	-5.40E-03	5.70E-03	2.50E-02
CF	7	L11159-06	7/19/2006	I-131	5.00E-03	6.70E-03	2.50E-02
CF	7	L11231-06	8/2/2006	I-131	-8.90E-03	5.70E-03	2.50E-02
CF	7	L11287-06	8/16/2006	I-131	-8.50E-03	6.60E-03	2.70E-02
CF	7	L11325-06	8/30/2006	I-131	1.90E-03	3.60E-03	1.40E-02
CF	7	L11387-06	9/13/2006	I-131	-4.30E-03	4.70E-03	1.90E-02
CF	7	L11472-06	9/27/2006	I-131	-2.50E-03	5.20E-03	2.10E-02
CF	7	L11514-06	10/11/2006	I-131	-4.90E-03	4.90E-03	2.10E-02
CF	7	L11589-06	10/25/2006	I-131	-8.00E-03	5.20E-03	2.30E-02
CF	7	L11654-06	11/8/2006	I-131	5.80E-03	5.50E-03	1.90E-02
CF	7	L11711-06	11/22/2006	I-131	-8.20E-03	5.30E-03	2.30E-02
CF	7	L11781-06	12/6/2006	I-131	4.00E-03	4.70E-03	1.70E-02
CF	7	L11842-06	12/20/2006	I-131	-4.00E-03	1.00E-02	4.00E-02
CF	8	L10382-07	1/4/2006	I-131	3.70E-03	6.90E-03	2.50E-02
CF	8	L10424-07	1/18/2006	I-131	1.09E-02	5.80E-03	1.80E-02
CF	8	L10487-07	2/1/2006	I-131	1.40E-03	4.40E-03	1.70E-02
CF	8	L10532-07	2/15/2006	I-131	-9.50E-03	8.90E-03	3.90E-02
CF	8	L10578-07	3/1/2006	I-131	0.00E+00	5.60E-03	2.20E-02
CF	8	L10613-07	3/15/2006	I-131	5.20E-03	4.70E-03	1.60E-02
CF	8	L10667-07	3/29/2006	I-131	1.00E-03	4.10E-03	1.60E-02
CF	8	L10724-07	4/12/2006	I-131	-2.40E-03	6.10E-03	2.40E-02
CF	8	L10798-07	4/26/2006	I-131	6.30E-03	6.90E-03	2.40E-02
CF	8	L10857-07	5/10/2006	I-131	-3.50E-03	6.70E-03	2.70E-02
CF	8	L10925-07	5/24/2006	I-131	-1.10E-03	6.30E-03	2.40E-02
CF	8	L10979-07	6/7/2006	I-131	-6.10E-03	5.70E-03	2.50E-02
CF	8	L11023-07	6/20/2006	I-131	1.10E-03	7.00E-03	2.70E-02
CF	8	L11159-07	7/19/2006	I-131	-9.00E-04	6.30E-03	2.50E-02
CF	8	L11231-07	8/2/2006	I-131	-1.24E-02	5.30E-03	2.50E-02
CF	8	L11287-07	8/16/2006	I-131	-1.10E-03	5.00E-03	2.00E-02
CF	8	L11325-07	8/30/2006	I-131	-8.20E-03	4.60E-03	2.00E-02
CF	8	L11387-07	9/13/2006	I-131	-8.00E-04	3.80E-03	1.50E-02
CF	8	L11472-07	9/27/2006	I-131	-1.20E-03	6.10E-03	2.40E-02
CF	8	L11514-07	10/11/2006	I-131	-1.01E-02	6.10E-03	2.60E-02
CF	8	L11589-07	10/25/2006	I-131	3.10E-03	3.50E-03	1.30E-02
CF	8	L11654-07	11/8/2006	I-131	-5.20E-03	4.30E-03	1.90E-02
CF	8	L11711-07	11/22/2006	I-131	-7.30E-03	5.00E-03	2.20E-02
CF	8	L11781-07	12/6/2006	I-131	8.20E-03	4.60E-03	1.50E-02
CF	8	L11842-07	12/20/2006	I-131	7.30E-03	8.90E-03	3.20E-02
CF	9	L10382-08	1/4/2006	I-131	-3.70E-03	6.90E-03	2.70E-02
CF	9	L10424-08	1/18/2006	I-131	3.40E-03	6.30E-03	2.30E-02
CF	9	L10487-08	2/1/2006	I-131	7.00E-04	4.20E-03	1.60E-02
CF	9	L10532-08	2/15/2006	I-131	1.00E-03	1.30E-02	4.90E-02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	9	L10578-08	3/1/2006	I-131	-7.60E-03	5.40E-03	2.30E-02
CF	9	L10613-08	3/15/2006	I-131	-1.50E-03	3.60E-03	1.40E-02
CF	9	L10667-08	3/29/2006	I-131	9.00E-04	4.70E-03	1.80E-02
CF	9	L10724-08	4/12/2006	I-131	-5.30E-03	4.90E-03	2.10E-02
CF	9	L10798-08	4/26/2006	I-131	1.10E-03	6.30E-03	2.40E-02
CF	9	L10857-08	5/10/2006	I-131	-6.60E-03	5.90E-03	2.50E-02
CF	9	L10925-08	5/24/2006	I-131	-3.20E-03	4.40E-03	1.90E-02
CF	9	L10979-08	6/7/2006	I-131	-2.60E-03	7.90E-03	3.10E-02
CF	9	L11023-08	6/20/2006	I-131	3.60E-03	6.90E-03	2.50E-02
CF	9	L11159-08	7/19/2006	I-131	-5.10E-03	7.50E-03	3.10E-02
CF	9	L11231-08	8/2/2006	I-131	-7.00E-04	4.70E-03	1.90E-02
CF	9	L11287-08	8/16/2006	I-131	8.00E-03	5.50E-03	1.80E-02
CF	9	L11325-08	8/30/2006	I-131	2.00E-03	2.70E-03	9.90E-03
CF	9	L11387-08	9/13/2006	I-131	8.00E-04	4.90E-03	1.80E-02
CF	9	L11472-08	9/27/2006	I-131	8.00E-03	6.60E-03	2.20E-02
CF	9	L11514-08	10/11/2006	I-131	-3.40E-03	5.20E-03	2.20E-02
CF	9	L11589-08	10/25/2006	I-131	-6.30E-03	6.00E-03	2.40E-02
CF	9	L11654-08	11/8/2006	I-131	2.10E-03	4.70E-03	1.80E-02
CF	9	L11711-08	11/22/2006	I-131	0.00E+00	6.10E-03	2.30E-02
CF	9	L11781-08	12/6/2006	I-131	8.30E-03	3.60E-03	1.00E-02
CF	9	L11842-08	12/20/2006	I-131	0.00E+00	9.30E-03	3.50E-02

- * Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
- + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	3	L10554-01	2/21/2006	AcTh-228	-2.00E+01	3.20E+01	1.30E+02
FH	3	L10554-01	2/21/2006	Ag-108m	1.00E+00	6.00E+00	2.20E+01
FH	3	L10554-01	2/21/2006	Ag-110m	5.00E+00	1.40E+01	5.00E+01
FH	3	L10554-01	2/21/2006	Ba-140	0.00E+00	4.50E+01	1.80E+02
FH	3	L10554-01	2/21/2006	Be-7	2.42E+02	8.50E+01	2.40E+02
FH	3	L10554-01	2/21/2006	Ce-141	-2.00E+00	1.70E+01	6.10E+01
FH	3	L10554-01	2/21/2006	Ce-144	1.70E+01	4.10E+01	1.40E+02
FH	3	L10554-01	2/21/2006	Co-57	-1.30E+00	4.90E+00	1.80E+01
FH	3	L10554-01	2/21/2006	Co-58	9.00E+00	1.00E+01	3.70E+01
FH	3	L10554-01	2/21/2006	Co-60	9.00E+00	1.00E+01	3.70E+01
FH	3	L10554-01	2/21/2006	Cr-51	-9.00E+01	1.20E+02	4.60E+02
FH	3	L10554-01	2/21/2006	Cs-134	-1.50E+00	9.10E+00	3.50E+01
FH	3	L10554-01	2/21/2006	Cs-137	2.00E+00	1.00E+01	3.80E+01
FH	3	L10554-01	2/21/2006	Fe-59	-3.30E+01	2.50E+01	1.10E+02
FH	3	L10554-01	2/21/2006	I-131	-2.30E+01	9.10E+01	3.30E+02
FH	3	L10554-01	2/21/2006	K-40	2.61E+03	2.90E+02	5.10E+02 *
FH	3	L10554-01	2/21/2006	La-140	0.00E+00	5.20E+01	2.10E+02
FH	3	L10554-01	2/21/2006	Mn-54	6.00E+00	1.00E+01	3.60E+01
FH	3	L10554-01	2/21/2006	Nb-95	2.90E+01	1.40E+01	4.30E+01
FH	3	L10554-01	2/21/2006	Ru-103	9.00E+00	1.10E+01	4.00E+01
FH	3	L10554-01	2/21/2006	Ru-106	2.00E+01	8.20E+01	3.00E+02
FH	3	L10554-01	2/21/2006	Sb-124	0.00E+00	2.00E+01	9.00E+01
FH	3	L10554-01	2/21/2006	Sb-125	-1.50E+01	1.90E+01	7.50E+01
FH	3	L10554-01	2/21/2006	Se-75	7.00E+00	1.00E+01	3.60E+01
FH	3	L10554-01	2/21/2006	Zn-65	4.00E+00	2.20E+01	8.20E+01
FH	3	L10554-01	2/21/2006	Zr-95	-1.00E+00	2.10E+01	8.00E+01
FH	3	L10921-01	5/23/2006	AcTh-228	-3.10E+01	3.90E+01	1.60E+02
FH	3	L10921-01	5/23/2006	Ag-108m	1.20E+00	6.20E+00	2.30E+01
FH	3	L10921-01	5/23/2006	Ag-110m	-8.00E+00	1.50E+01	6.00E+01
FH	3	L10921-01	5/23/2006	Ba-140	0.00E+00	1.50E+01	6.30E+01
FH	3	L10921-01	5/23/2006	Be-7	-1.30E+01	7.70E+01	2.90E+02
FH	3	L10921-01	5/23/2006	Ce-141	-4.00E+00	1.40E+01	4.90E+01
FH	3	L10921-01	5/23/2006	Ce-144	1.60E+01	4.50E+01	1.60E+02
FH	3	L10921-01	5/23/2006	Co-57	-5.30E+00	6.00E+00	2.20E+01
FH	3	L10921-01	5/23/2006	Co-58	1.30E+00	9.50E+00	3.60E+01
FH	3	L10921-01	5/23/2006	Co-60	-5.00E+00	1.10E+01	4.50E+01
FH	3	L10921-01	5/23/2006	Cr-51	-6.80E+01	9.20E+01	3.50E+02
FH	3	L10921-01	5/23/2006	Cs-134	3.20E+00	9.90E+00	3.70E+01
FH	3	L10921-01	5/23/2006	Cs-137	4.00E+00	1.00E+01	3.80E+01
FH	3	L10921-01	5/23/2006	Fe-59	-5.00E+00	2.40E+01	9.40E+01
FH	3	L10921-01	5/23/2006	I-131	-1.90E+01	1.70E+01	6.90E+01
FH	3	L10921-01	5/23/2006	K-40	3.23E+03	3.40E+02	6.10E+02 *
FH	3	L10921-01	5/23/2006	La-140	0.00E+00	1.70E+01	7.20E+01
FH	3	L10921-01	5/23/2006	Mn-54	-1.20E+01	1.10E+01	4.50E+01
FH	3	L10921-01	5/23/2006	Nb-95	-1.10E+01	1.10E+01	4.70E+01
FH	3	L10921-01	5/23/2006	Ru-103	4.90E+00	8.20E+00	3.00E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	3	L10921-01	5/23/2006	Ru-106	-1.00E+01	7.70E+01	3.00E+02
FH	3	L10921-01	5/23/2006	Sb-124	-8.00E+00	2.00E+01	9.10E+01
FH	3	L10921-01	5/23/2006	Sb-125	3.40E+01	2.20E+01	7.40E+01
FH	3	L10921-01	5/23/2006	Se-75	-5.00E+00	1.20E+01	4.30E+01
FH	3	L10921-01	5/23/2006	Zn-65	-1.00E+01	2.20E+01	8.80E+01
FH	3	L10921-01	5/23/2006	Zr-95	-8.00E+00	2.00E+01	7.70E+01
FH	3	L11339-01	8/30/2006	AcTh-228	3.40E+01	3.40E+01	1.20E+02
FH	3	L11339-01	8/30/2006	Ag-108m	9.00E+00	8.40E+00	2.80E+01
FH	3	L11339-01	8/30/2006	Ag-110m	1.20E+01	1.20E+01	4.00E+01
FH	3	L11339-01	8/30/2006	Ba-140	2.20E+01	1.20E+01	3.50E+01
FH	3	L11339-01	8/30/2006	Be-7	-1.40E+01	6.50E+01	2.50E+02
FH	3	L11339-01	8/30/2006	Ce-141	1.90E+01	1.30E+01	4.40E+01
FH	3	L11339-01	8/30/2006	Ce-144	-1.40E+01	4.40E+01	1.60E+02
FH	3	L11339-01	8/30/2006	Co-57	6.00E-01	6.10E+00	2.20E+01
FH	3	L11339-01	8/30/2006	Co-58	1.70E+00	8.30E+00	3.10E+01
FH	3	L11339-01	8/30/2006	Co-60	-1.20E+01	1.00E+01	4.20E+01
FH	3	L11339-01	8/30/2006	Cr-51	-2.30E+01	9.30E+01	3.40E+02
FH	3	L11339-01	8/30/2006	Cs-134	-5.00E+00	1.10E+01	4.10E+01
FH	3	L11339-01	8/30/2006	Cs-137	1.06E+01	9.00E+00	3.10E+01
FH	3	L11339-01	8/30/2006	Fe-59	-1.40E+01	2.00E+01	8.00E+01
FH	3	L11339-01	8/30/2006	I-131	1.20E+01	2.50E+01	8.70E+01
FH	3	L11339-01	8/30/2006	K-40	2.10E+03	2.40E+02	4.40E+02 *
FH	3	L11339-01	8/30/2006	La-140	2.60E+01	1.40E+01	4.00E+01
FH	3	L11339-01	8/30/2006	Mn-54	-1.60E+00	8.00E+00	3.10E+01
FH	3	L11339-01	8/30/2006	Nb-95	6.00E+00	1.10E+01	4.10E+01
FH	3	L11339-01	8/30/2006	Ru-103	2.60E+00	9.10E+00	3.30E+01
FH	3	L11339-01	8/30/2006	Ru-106	1.30E+01	7.70E+01	2.90E+02
FH	3	L11339-01	8/30/2006	Sb-124	2.40E+01	1.50E+01	4.80E+01
FH	3	L11339-01	8/30/2006	Sb-125	1.10E+01	2.10E+01	7.50E+01
FH	3	L11339-01	8/30/2006	Se-75	4.00E+00	1.10E+01	3.90E+01
FH	3	L11339-01	8/30/2006	Zn-65	-2.50E+01	2.40E+01	9.60E+01
FH	3	L11339-01	8/30/2006	Zr-95	3.00E+00	1.70E+01	6.20E+01
FH	3	L11730-0111/20/2006	AcTh-228	2.90E+01	2.10E+01	6.90E+01	
FH	3	L11730-0111/20/2006	Ag-108m	1.00E+00	4.00E+00	1.40E+01	
FH	3	L11730-0111/20/2006	Ag-110m	-4.20E+00	6.80E+00	2.50E+01	
FH	3	L11730-0111/20/2006	Ba-140	4.00E+00	1.10E+01	4.20E+01	
FH	3	L11730-0111/20/2006	Be-7	8.20E+01	4.10E+01	1.30E+02	
FH	3	L11730-0111/20/2006	Ce-141	1.15E+01	8.90E+00	3.00E+01	
FH	3	L11730-0111/20/2006	Ce-144	-6.00E+00	2.60E+01	8.90E+01	
FH	3	L11730-0111/20/2006	Co-57	-1.60E+00	3.40E+00	1.20E+01	
FH	3	L11730-0111/20/2006	Co-58	-1.29E+01	5.40E+00	2.10E+01	
FH	3	L11730-0111/20/2006	Co-60	-1.30E+00	5.30E+00	2.00E+01	
FH	3	L11730-0111/20/2006	Cr-51	6.50E+01	6.00E+01	2.00E+02	
FH	3	L11730-0111/20/2006	Cs-134	-7.40E+00	5.50E+00	2.10E+01	
FH	3	L11730-0111/20/2006	Cs-137	1.70E+00	4.70E+00	1.60E+01	
FH	3	L11730-0111/20/2006	Fe-59	-1.20E+01	1.30E+01	4.80E+01	
FH	3	L11730-0111/20/2006	I-131	2.00E+00	2.80E+01	9.90E+01	
FH	3	L11730-0111/20/2006	K-40	3.55E+03	1.60E+02	2.00E+02 *	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	3	L11730-0111/20/2006		La-140	5.00E+00	1.30E+01	4.80E+01
FH	3	L11730-0111/20/2006		Mn-54	-1.00E+00	4.20E+00	1.50E+01
FH	3	L11730-0111/20/2006		Nb-95	0.00E+00	6.90E+00	2.50E+01
FH	3	L11730-0111/20/2006		Ru-103	2.00E+00	6.50E+00	2.30E+01
FH	3	L11730-0111/20/2006		Ru-106	-6.00E+00	4.70E+01	1.70E+02
FH	3	L11730-0111/20/2006		Sb-124	4.10E+00	8.10E+00	3.10E+01
FH	3	L11730-0111/20/2006		Sb-125	-6.00E+00	1.20E+01	4.40E+01
FH	3	L11730-0111/20/2006		Se-75	6.90E+00	6.40E+00	2.10E+01
FH	3	L11730-0111/20/2006		Zn-65	5.00E+00	1.20E+01	4.00E+01
FH	3	L11730-0111/20/2006		Zr-95	8.00E+00	1.10E+01	3.70E+01
FH	53	L10554-02 2/21/2006		AcTh-228	1.60E+01	2.60E+01	9.20E+01
FH	53	L10554-02 2/21/2006		Ag-108m	2.00E+00	5.90E+00	2.10E+01
FH	53	L10554-02 2/21/2006		Ag-110m	2.00E+01	1.00E+01	3.30E+01
FH	53	L10554-02 2/21/2006		Ba-140	-2.10E+01	2.10E+01	9.70E+01
FH	53	L10554-02 2/21/2006		Be-7	-9.00E+00	7.30E+01	2.70E+02
FH	53	L10554-02 2/21/2006		Ce-141	2.60E+01	1.70E+01	5.50E+01
FH	53	L10554-02 2/21/2006		Ce-144	-1.40E+01	4.10E+01	1.50E+02
FH	53	L10554-02 2/21/2006		Co-57	-7.00E-01	5.20E+00	1.80E+01
FH	53	L10554-02 2/21/2006		Co-58	-8.80E+00	9.50E+00	3.70E+01
FH	53	L10554-02 2/21/2006		Co-60	1.16E+01	8.20E+00	2.70E+01
FH	53	L10554-02 2/21/2006		Cr-51	-1.90E+02	1.10E+02	4.10E+02
FH	53	L10554-02 2/21/2006		Cs-134	-2.20E+00	8.20E+00	3.10E+01
FH	53	L10554-02 2/21/2006		Cs-137	1.42E+01	7.70E+00	2.50E+01
FH	53	L10554-02 2/21/2006		Fe-59	-1.10E+01	2.10E+01	8.20E+01
FH	53	L10554-02 2/21/2006		I-131	9.60E+01	8.90E+01	3.00E+02
FH	53	L10554-02 2/21/2006		K-40	2.88E+03	2.20E+02	3.80E+02 *
FH	53	L10554-02 2/21/2006		La-140	-2.40E+01	2.40E+01	1.10E+02
FH	53	L10554-02 2/21/2006		Mn-54	1.23E+01	7.60E+00	2.50E+01
FH	53	L10554-02 2/21/2006		Nb-95	-1.20E+01	1.30E+01	5.00E+01
FH	53	L10554-02 2/21/2006		Ru-103	-1.00E+01	1.20E+01	4.50E+01
FH	53	L10554-02 2/21/2006		Ru-106	-8.00E+00	7.20E+01	2.60E+02
FH	53	L10554-02 2/21/2006		Sb-124	-5.00E+00	2.10E+01	8.40E+01
FH	53	L10554-02 2/21/2006		Sb-125	6.00E+00	1.90E+01	6.60E+01
FH	53	L10554-02 2/21/2006		Se-75	4.00E+00	1.10E+01	3.80E+01
FH	53	L10554-02 2/21/2006		Zn-65	-4.10E+01	2.10E+01	8.30E+01
FH	53	L10554-02 2/21/2006		Zr-95	-1.30E+01	1.80E+01	6.60E+01
FH	53	L10921-02 5/23/2006		AcTh-228	1.50E+01	3.40E+01	1.30E+02
FH	53	L10921-02 5/23/2006		Ag-108m	-1.30E+00	7.50E+00	2.90E+01
FH	53	L10921-02 5/23/2006		Ag-110m	1.50E+01	1.30E+01	4.40E+01
FH	53	L10921-02 5/23/2006		Ba-140	0.00E+00	1.40E+01	6.20E+01
FH	53	L10921-02 5/23/2006		Be-7	-1.11E+02	7.40E+01	3.10E+02
FH	53	L10921-02 5/23/2006		Ce-141	-8.30E+00	9.30E+00	3.60E+01
FH	53	L10921-02 5/23/2006		Ce-144	-2.50E+01	3.50E+01	1.30E+02
FH	53	L10921-02 5/23/2006		Co-57	-2.70E+00	4.30E+00	1.60E+01
FH	53	L10921-02 5/23/2006		Co-58	1.80E+01	1.10E+01	3.50E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	53	L10921-02	5/23/2006	Co-60	9.00E+00	1.30E+01	4.80E+01
FH	53	L10921-02	5/23/2006	Cr-51	-9.10E+01	6.40E+01	2.70E+02
FH	53	L10921-02	5/23/2006	Cs-134	1.84E+01	8.50E+00	2.40E+01
FH	53	L10921-02	5/23/2006	Cs-137	0.00E+00	9.50E+00	3.70E+01
FH	53	L10921-02	5/23/2006	Fe-59	1.70E+01	2.30E+01	8.30E+01
FH	53	L10921-02	5/23/2006	I-131	-1.70E+01	1.60E+01	6.50E+01
FH	53	L10921-02	5/23/2006	K-40	3.58E+03	3.70E+02	5.70E+02 *
FH	53	L10921-02	5/23/2006	La-140	0.00E+00	1.60E+01	7.10E+01
FH	53	L10921-02	5/23/2006	Mn-54	4.00E+00	9.60E+00	3.60E+01
FH	53	L10921-02	5/23/2006	Nb-95	-7.00E+00	1.20E+01	4.70E+01
FH	53	L10921-02	5/23/2006	Ru-103	5.30E+00	8.80E+00	3.20E+01
FH	53	L10921-02	5/23/2006	Ru-106	-2.20E+02	9.10E+01	4.10E+02
FH	53	L10921-02	5/23/2006	Sb-124	-2.70E+01	2.00E+01	1.10E+02
FH	53	L10921-02	5/23/2006	Sb-125	-4.40E+01	2.40E+01	1.00E+02
FH	53	L10921-02	5/23/2006	Se-75	-3.60E+00	9.30E+00	3.50E+01
FH	53	L10921-02	5/23/2006	Zn-65	0.00E+00	2.90E+01	1.10E+02
FH	53	L10921-02	5/23/2006	Zr-95	1.90E+01	1.70E+01	6.00E+01
FH	53	L11314-01	8/21/2006	AcTh-228	-3.10E+01	3.50E+01	1.40E+02
FH	53	L11314-01	8/21/2006	Ag-108m	0.00E+00	6.70E+00	2.50E+01
FH	53	L11314-01	8/21/2006	Ag-110m	7.00E+00	1.10E+01	4.10E+01
FH	53	L11314-01	8/21/2006	Ba-140	-1.70E+01	1.70E+01	8.00E+01
FH	53	L11314-01	8/21/2006	Be-7	-1.10E+01	7.90E+01	2.90E+02
FH	53	L11314-01	8/21/2006	Ce-141	-2.00E+00	1.30E+01	4.50E+01
FH	53	L11314-01	8/21/2006	Ce-144	-3.40E+01	3.90E+01	1.50E+02
FH	53	L11314-01	8/21/2006	Co-57	1.60E+00	5.10E+00	1.80E+01
FH	53	L11314-01	8/21/2006	Co-58	-4.50E+00	9.80E+00	3.80E+01
FH	53	L11314-01	8/21/2006	Co-60	1.70E+01	1.20E+01	3.80E+01
FH	53	L11314-01	8/21/2006	Cr-51	-1.11E+02	9.10E+01	3.50E+02
FH	53	L11314-01	8/21/2006	Cs-134	1.00E+00	9.60E+00	3.60E+01
FH	53	L11314-01	8/21/2006	Cs-137	-1.38E+01	9.40E+00	3.80E+01
FH	53	L11314-01	8/21/2006	Fe-59	0.00E+00	2.10E+01	8.10E+01
FH	53	L11314-01	8/21/2006	I-131	-3.00E+00	2.80E+01	1.00E+02
FH	53	L11314-01	8/21/2006	K-40	3.82E+03	3.20E+02	4.30E+02 *
FH	53	L11314-01	8/21/2006	La-140	-2.00E+01	2.00E+01	9.20E+01
FH	53	L11314-01	8/21/2006	Mn-54	4.50E+00	8.20E+00	3.00E+01
FH	53	L11314-01	8/21/2006	Nb-95	1.80E+01	1.00E+01	3.30E+01
FH	53	L11314-01	8/21/2006	Ru-103	-6.00E+00	1.10E+01	4.00E+01
FH	53	L11314-01	8/21/2006	Ru-106	6.20E+01	7.80E+01	2.70E+02
FH	53	L11314-01	8/21/2006	Sb-124	-2.10E+01	1.60E+01	8.50E+01
FH	53	L11314-01	8/21/2006	Sb-125	6.00E+00	2.10E+01	7.70E+01
FH	53	L11314-01	8/21/2006	Se-75	-3.70E+00	8.60E+00	3.20E+01
FH	53	L11314-01	8/21/2006	Zn-65	0.00E+00	2.30E+01	8.60E+01
FH	53	L11314-01	8/21/2006	Zr-95	7.00E+00	1.70E+01	6.10E+01
FH	53	L11730-0211/20/2006	AcTh-228	4.50E+01	1.70E+01	5.40E+01	
FH	53	L11730-0211/20/2006	Ag-108m	3.50E+00	4.00E+00	1.30E+01	
FH	53	L11730-0211/20/2006	Ag-110m	-3.30E+00	6.50E+00	2.40E+01	
FH	53	L11730-0211/20/2006	Ba-140	-1.90E+01	1.40E+01	5.50E+01	
FH	53	L11730-0211/20/2006	Be-7	-3.90E+01	4.70E+01	1.70E+02	
FH	53	L11730-0211/20/2006	Ce-141	-1.51E+01	8.40E+00	3.00E+01	
FH	53	L11730-0211/20/2006	Ce-144	3.50E+01	2.50E+01	8.20E+01	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	53	L11730-0211/20/2006		Co-57	-3.20E+00	3.20E+00	1.10E+01
FH	53	L11730-0211/20/2006		Co-58	6.30E+00	5.70E+00	1.90E+01
FH	53	L11730-0211/20/2006		Co-60	5.50E+00	4.70E+00	1.60E+01
FH	53	L11730-0211/20/2006		Cr-51	-4.30E+01	6.00E+01	2.10E+02
FH	53	L11730-0211/20/2006		Cs-134	-7.10E+00	5.10E+00	1.90E+01
FH	53	L11730-0211/20/2006		Cs-137	-2.50E+00	4.80E+00	1.70E+01
FH	53	L11730-0211/20/2006		Fe-59	-1.40E+01	1.10E+01	4.30E+01
FH	53	L11730-0211/20/2006		I-131	-2.00E+01	2.80E+01	1.00E+02
FH	53	L11730-0211/20/2006		K-40	3.24E+03	1.50E+02	2.30E+02 *
FH	53	L11730-0211/20/2006		La-140	-2.20E+01	1.60E+01	6.40E+01
FH	53	L11730-0211/20/2006		Mn-54	7.20E+00	4.60E+00	1.50E+01
FH	53	L11730-0211/20/2006		Nb-95	6.90E+00	6.50E+00	2.20E+01
FH	53	L11730-0211/20/2006		Ru-103	-7.00E-01	5.40E+00	1.90E+01
FH	53	L11730-0211/20/2006		Ru-106	-8.10E+01	4.20E+01	1.60E+02
FH	53	L11730-0211/20/2006		Sb-124	-3.00E+00	1.10E+01	4.30E+01
FH	53	L11730-0211/20/2006		Sb-125	-2.20E+01	1.30E+01	4.60E+01
FH	53	L11730-0211/20/2006		Se-75	3.20E+00	5.50E+00	1.90E+01
FH	53	L11730-0211/20/2006		Zn-65	1.30E+01	1.10E+01	3.80E+01
FH	53	L11730-0211/20/2006		Zr-95	-2.80E+00	8.80E+00	3.20E+01

- * Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
- + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
HA	4	L10962-01	6/1/2006	AcTh-228	2.00E+01	4.70E+01	1.90E+02
HA	4	L10962-01	6/1/2006	Ag-108m	-3.00E+00	1.30E+01	5.00E+01
HA	4	L10962-01	6/1/2006	Ag-110m	3.00E+00	1.60E+01	7.00E+01
HA	4	L10962-01	6/1/2006	Ba-140	-3.30E+01	3.30E+01	1.80E+02
HA	4	L10962-01	6/1/2006	Be-7	6.00E+01	1.30E+02	4.90E+02
HA	4	L10962-01	6/1/2006	Ce-141	-2.30E+01	1.60E+01	6.90E+01
HA	4	L10962-01	6/1/2006	Ce-144	-1.05E+02	5.10E+01	2.30E+02
HA	4	L10962-01	6/1/2006	Co-57	2.20E+00	6.40E+00	2.40E+01
HA	4	L10962-01	6/1/2006	Co-58	8.00E+00	1.60E+01	6.20E+01
HA	4	L10962-01	6/1/2006	Co-60	2.50E+01	1.80E+01	5.90E+01
HA	4	L10962-01	6/1/2006	Cr-51	-1.00E+01	1.10E+02	4.50E+02
HA	4	L10962-01	6/1/2006	Cs-134	1.40E+01	1.50E+01	5.30E+01
HA	4	L10962-01	6/1/2006	Cs-137	0.00E+00	1.30E+01	5.30E+01
HA	4	L10962-01	6/1/2006	Fe-59	-2.60E+01	3.70E+01	1.70E+02
HA	4	L10962-01	6/1/2006	I-131	5.00E+00	3.50E+01	1.40E+02
HA	4	L10962-01	6/1/2006	K-40	1.88E+03	4.20E+02	8.40E+02 *
HA	4	L10962-01	6/1/2006	La-140	-3.70E+01	3.70E+01	2.00E+02
HA	4	L10962-01	6/1/2006	Mn-54	6.00E+00	1.60E+01	6.30E+01
HA	4	L10962-01	6/1/2006	Nb-95	1.90E+01	2.10E+01	7.50E+01
HA	4	L10962-01	6/1/2006	Ru-103	-4.00E+00	1.30E+01	5.50E+01
HA	4	L10962-01	6/1/2006	Ru-106	1.10E+02	1.20E+02	4.50E+02
HA	4	L10962-01	6/1/2006	Sb-124	2.10E+01	3.70E+01	1.60E+02
HA	4	L10962-01	6/1/2006	Sb-125	5.30E+01	3.30E+01	1.10E+02
HA	4	L10962-01	6/1/2006	Se-75	2.00E+00	1.30E+01	5.00E+01
HA	4	L10962-01	6/1/2006	Zn-65	2.50E+01	2.50E+01	9.10E+01
HA	4	L10962-01	6/1/2006	Zr-95	4.00E+00	2.50E+01	1.10E+02
HA	4	L11732-0111/27/2006	6/1/2006	AcTh-228	-2.30E+01	4.20E+01	1.80E+02
HA	4	L11732-0111/27/2006	6/1/2006	Ag-108m	2.00E+01	1.20E+01	3.80E+01
HA	4	L11732-0111/27/2006	6/1/2006	Ag-110m	5.00E+00	1.90E+01	7.20E+01
HA	4	L11732-0111/27/2006	6/1/2006	Ba-140	3.60E+01	5.10E+01	2.00E+02
HA	4	L11732-0111/27/2006	6/1/2006	Be-7	5.00E+01	1.30E+02	4.90E+02
HA	4	L11732-0111/27/2006	6/1/2006	Ce-141	-6.00E+00	2.10E+01	7.70E+01
HA	4	L11732-0111/27/2006	6/1/2006	Ce-144	-5.00E+00	5.80E+01	2.10E+02
HA	4	L11732-0111/27/2006	6/1/2006	Co-57	1.00E+00	7.30E+00	2.60E+01
HA	4	L11732-0111/27/2006	6/1/2006	Co-58	0.00E+00	1.40E+01	5.60E+01
HA	4	L11732-0111/27/2006	6/1/2006	Co-60	2.10E+01	1.40E+01	4.40E+01
HA	4	L11732-0111/27/2006	6/1/2006	Cr-51	1.70E+02	1.50E+02	5.00E+02
HA	4	L11732-0111/27/2006	6/1/2006	Cs-134	1.30E+01	1.40E+01	4.90E+01
HA	4	L11732-0111/27/2006	6/1/2006	Cs-137	0.00E+00	1.20E+01	4.60E+01
HA	4	L11732-0111/27/2006	6/1/2006	Fe-59	1.00E+01	3.20E+01	1.30E+02
HA	4	L11732-0111/27/2006	6/1/2006	I-131	-7.40E+01	8.00E+01	3.30E+02
HA	4	L11732-0111/27/2006	6/1/2006	K-40	2.15E+03	3.70E+02	7.90E+02 *
HA	4	L11732-0111/27/2006	6/1/2006	La-140	4.20E+01	5.90E+01	2.20E+02
HA	4	L11732-0111/27/2006	6/1/2006	Mn-54	-5.00E+00	1.20E+01	4.90E+01
HA	4	L11732-0111/27/2006	6/1/2006	Nb-95	4.00E+00	1.60E+01	6.10E+01
HA	4	L11732-0111/27/2006	6/1/2006	Ru-103	3.00E+00	1.60E+01	6.10E+01
HA	4	L11732-0111/27/2006	6/1/2006	Ru-106	-5.20E+01	9.50E+01	4.00E+02
HA	4	L11732-0111/27/2006	6/1/2006	Sb-124	1.50E+01	3.30E+01	1.40E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
HA	4	L11732-0111/27/2006		Sb-125	-4.50E+01	2.60E+01	1.20E+02
HA	4	L11732-0111/27/2006		Se-75	-1.10E+01	1.30E+01	5.10E+01
HA	4	L11732-0111/27/2006		Zn-65	8.00E+00	2.60E+01	1.00E+02
HA	4	L11732-0111/27/2006		Zr-95	2.00E+00	2.70E+01	1.10E+02
HA	54	L10962-02	6/5/2006	AcTh-228	9.60E+01	6.80E+01	2.30E+02
HA	54	L10962-02	6/5/2006	Ag-108m	1.20E+01	1.20E+01	4.30E+01
HA	54	L10962-02	6/5/2006	Ag-110m	-1.40E+01	2.00E+01	9.40E+01
HA	54	L10962-02	6/5/2006	Ba-140	1.30E+01	2.30E+01	9.90E+01
HA	54	L10962-02	6/5/2006	Be-7	-1.00E+02	1.10E+02	4.90E+02
HA	54	L10962-02	6/5/2006	Ce-141	1.00E+00	1.70E+01	6.60E+01
HA	54	L10962-02	6/5/2006	Ce-144	3.00E+01	6.90E+01	2.50E+02
HA	54	L10962-02	6/5/2006	Co-57	-4.50E+00	8.00E+00	3.20E+01
HA	54	L10962-02	6/5/2006	Co-58	8.00E+00	1.50E+01	5.80E+01
HA	54	L10962-02	6/5/2006	Co-60	9.00E+00	2.40E+01	9.20E+01
HA	54	L10962-02	6/5/2006	Cr-51	-8.00E+01	1.60E+02	6.20E+02
HA	54	L10962-02	6/5/2006	Cs-134	-2.80E+01	1.40E+01	7.60E+01
HA	54	L10962-02	6/5/2006	Cs-137	-9.00E+00	1.70E+01	7.20E+01
HA	54	L10962-02	6/5/2006	Fe-59	-1.30E+01	2.80E+01	1.40E+02
HA	54	L10962-02	6/5/2006	I-131	-2.10E+01	3.40E+01	1.40E+02
HA	54	L10962-02	6/5/2006	K-40	2.00E+03	4.60E+02	1.00E+03 *
HA	54	L10962-02	6/5/2006	La-140	1.50E+01	2.70E+01	1.10E+02
HA	54	L10962-02	6/5/2006	Mn-54	-6.00E+00	1.60E+01	6.80E+01
HA	54	L10962-02	6/5/2006	Nb-95	-2.00E+00	1.50E+01	6.60E+01
HA	54	L10962-02	6/5/2006	Ru-103	-1.60E+01	1.50E+01	6.80E+01
HA	54	L10962-02	6/5/2006	Ru-106	6.00E+01	1.20E+02	4.60E+02
HA	54	L10962-02	6/5/2006	Sb-124	-4.10E+01	4.10E+01	2.20E+02
HA	54	L10962-02	6/5/2006	Sb-125	-2.80E+01	3.10E+01	1.40E+02
HA	54	L10962-02	6/5/2006	Se-75	3.00E+00	1.30E+01	5.20E+01
HA	54	L10962-02	6/5/2006	Zn-65	-2.50E+01	3.60E+01	1.70E+02
HA	54	L10962-02	6/5/2006	Zr-95	-2.30E+01	3.50E+01	1.50E+02
HA	54	L11732-0211/21/2006		AcTh-228	1.40E+01	3.10E+01	1.20E+02
HA	54	L11732-0211/21/2006		Ag-108m	1.20E+00	7.00E+00	2.60E+01
HA	54	L11732-0211/21/2006		Ag-110m	0.00E+00	1.40E+01	5.40E+01
HA	54	L11732-0211/21/2006		Ba-140	-1.40E+01	5.00E+01	2.10E+02
HA	54	L11732-0211/21/2006		Be-7	-2.53E+02	9.70E+01	4.30E+02
HA	54	L11732-0211/21/2006		Ce-141	3.60E+01	2.30E+01	7.40E+01
HA	54	L11732-0211/21/2006		Ce-144	-1.60E+01	4.80E+01	1.80E+02
HA	54	L11732-0211/21/2006		Co-57	6.30E+00	6.40E+00	2.20E+01
HA	54	L11732-0211/21/2006		Co-58	0.00E+00	1.10E+01	4.10E+01
HA	54	L11732-0211/21/2006		Co-60	-1.76E+01	9.80E+00	4.60E+01
HA	54	L11732-0211/21/2006		Cr-51	8.00E+01	1.50E+02	5.30E+02
HA	54	L11732-0211/21/2006		Cs-134	-6.20E+00	8.50E+00	3.60E+01
HA	54	L11732-0211/21/2006		Cs-137	-2.00E+00	8.50E+00	3.30E+01
HA	54	L11732-0211/21/2006		Fe-59	2.00E+00	2.40E+01	9.40E+01
HA	54	L11732-0211/21/2006		I-131	-7.00E+01	1.30E+02	4.90E+02
HA	54	L11732-0211/21/2006		K-40	2.16E+03	2.60E+02	4.40E+02 *
HA	54	L11732-0211/21/2006		La-140	-1.60E+01	5.80E+01	2.40E+02
HA	54	L11732-0211/21/2006		Mn-54	-6.00E+00	1.10E+01	4.10E+01
HA	54	L11732-0211/21/2006		Nb-95	-2.10E+01	1.50E+01	6.50E+01
HA	54	L11732-0211/21/2006		Ru-103	2.00E+01	1.30E+01	4.10E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
HA	54	L11732-0211/21/2006		Ru-106	7.00E+01	1.00E+02	3.50E+02
HA	54	L11732-0211/21/2006		Sb-124	-3.50E+01	2.10E+01	1.10E+02
HA	54	L11732-0211/21/2006		Sb-125	1.90E+01	2.20E+01	7.80E+01
HA	54	L11732-0211/21/2006		Se-75	2.00E+00	1.20E+01	4.40E+01
HA	54	L11732-0211/21/2006		Zn-65	-5.90E+01	2.80E+01	1.20E+02
HA	54	L11732-0211/21/2006		Zr-95	0.00E+00	2.00E+01	7.50E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MS	6	L10922-04	5/23/2006	Sr-90	-3.20E+01	7.20E+01	2.40E+02
MS	6	L11731-04	11/20/2006	Sr-90	8.90E+01	6.60E+01	2.20E+02
MS	56	L10922-05	5/23/2006	Sr-90	-7.90E+01	7.00E+01	2.40E+02
MS	56	L11731-05	11/20/2006	Sr-90	9.90E+01	8.10E+01	2.20E+02

- * Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
- + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MU	6	L10922-01	5/23/2006	AcTh-228	6.70E+01	4.30E+01	1.40E+02
MU	6	L10922-01	5/23/2006	Ag-108m	1.40E+00	7.80E+00	2.90E+01
MU	6	L10922-01	5/23/2006	Ag-110m	3.00E+00	1.10E+01	4.40E+01
MU	6	L10922-01	5/23/2006	Ba-140	6.00E+00	1.00E+01	4.30E+01
MU	6	L10922-01	5/23/2006	Be-7	7.40E+01	8.20E+01	2.90E+02
MU	6	L10922-01	5/23/2006	Ce-141	1.00E+01	1.30E+01	4.30E+01
MU	6	L10922-01	5/23/2006	Ce-144	-3.70E+01	4.60E+01	1.70E+02
MU	6	L10922-01	5/23/2006	Co-57	-3.40E+00	5.40E+00	2.00E+01
MU	6	L10922-01	5/23/2006	Co-58	1.62E+01	9.80E+00	3.10E+01
MU	6	L10922-01	5/23/2006	Co-60	1.90E+01	1.40E+01	4.60E+01
MU	6	L10922-01	5/23/2006	Cr-51	8.70E+01	9.00E+01	3.10E+02
MU	6	L10922-01	5/23/2006	Cs-134	9.50E+00	9.30E+00	3.30E+01
MU	6	L10922-01	5/23/2006	Cs-137	-9.00E+00	1.10E+01	4.50E+01
MU	6	L10922-01	5/23/2006	Fe-59	0.00E+00	2.20E+01	8.70E+01
MU	6	L10922-01	5/23/2006	I-131	-2.00E+01	1.90E+01	7.40E+01
MU	6	L10922-01	5/23/2006	K-40	1.23E+03	2.40E+02	4.70E+02 *
MU	6	L10922-01	5/23/2006	La-140	7.00E+00	1.20E+01	5.00E+01
MU	6	L10922-01	5/23/2006	Mn-54	-8.80E+00	7.50E+00	3.50E+01
MU	6	L10922-01	5/23/2006	Nb-95	2.33E+01	9.40E+00	2.50E+01
MU	6	L10922-01	5/23/2006	Ru-103	1.31E+01	9.70E+00	3.30E+01
MU	6	L10922-01	5/23/2006	Ru-106	4.50E+01	9.00E+01	3.30E+02
MU	6	L10922-01	5/23/2006	Sb-124	4.70E+01	2.10E+01	2.60E+01
MU	6	L10922-01	5/23/2006	Sb-125	1.30E+01	2.40E+01	8.60E+01
MU	6	L10922-01	5/23/2006	Se-75	-5.90E+00	9.50E+00	3.70E+01
MU	6	L10922-01	5/23/2006	Zn-65	1.20E+01	2.30E+01	8.80E+01
MU	6	L10922-01	5/23/2006	Zr-95	-1.00E+00	1.30E+01	5.30E+01
MU	6	L11731-0111/20/2006	5/23/2006	AcTh-228	-4.00E+00	2.40E+01	8.80E+01
MU	6	L11731-0111/20/2006	5/23/2006	Ag-108m	3.00E+00	5.10E+00	1.80E+01
MU	6	L11731-0111/20/2006	5/23/2006	Ag-110m	-8.50E+00	8.30E+00	3.30E+01
MU	6	L11731-0111/20/2006	5/23/2006	Ba-140	-1.20E+01	2.60E+01	1.10E+02
MU	6	L11731-0111/20/2006	5/23/2006	Be-7	1.00E+00	6.50E+01	2.40E+02
MU	6	L11731-0111/20/2006	5/23/2006	Ce-141	-2.80E+01	1.50E+01	5.50E+01
MU	6	L11731-0111/20/2006	5/23/2006	Ce-144	-6.00E+00	3.70E+01	1.30E+02
MU	6	L11731-0111/20/2006	5/23/2006	Co-57	2.20E+00	4.60E+00	1.60E+01
MU	6	L11731-0111/20/2006	5/23/2006	Co-58	-2.40E+00	7.80E+00	2.90E+01
MU	6	L11731-0111/20/2006	5/23/2006	Co-60	1.04E+01	6.40E+00	2.10E+01
MU	6	L11731-0111/20/2006	5/23/2006	Cr-51	1.40E+02	9.80E+01	3.20E+02
MU	6	L11731-0111/20/2006	5/23/2006	Cs-134	3.00E+00	1.00E+01	3.60E+01
MU	6	L11731-0111/20/2006	5/23/2006	Cs-137	-7.00E+00	7.20E+00	2.80E+01
MU	6	L11731-0111/20/2006	5/23/2006	Fe-59	7.00E+00	1.90E+01	7.10E+01
MU	6	L11731-0111/20/2006	5/23/2006	I-131	1.80E+01	7.80E+01	2.80E+02
MU	6	L11731-0111/20/2006	5/23/2006	K-40	1.25E+03	1.50E+02	3.10E+02 *
MU	6	L11731-0111/20/2006	5/23/2006	La-140	-1.40E+01	3.00E+01	1.30E+02
MU	6	L11731-0111/20/2006	5/23/2006	Mn-54	-3.90E+00	6.00E+00	2.30E+01
MU	6	L11731-0111/20/2006	5/23/2006	Nb-95	-6.00E+00	1.10E+01	4.00E+01
MU	6	L11731-0111/20/2006	5/23/2006	Ru-103	-2.50E+00	9.30E+00	3.40E+01
MU	6	L11731-0111/20/2006	5/23/2006	Ru-106	5.50E+01	6.30E+01	2.20E+02
MU	6	L11731-0111/20/2006	5/23/2006	Sb-124	-2.80E+01	2.10E+01	8.90E+01
MU	6	L11731-0111/20/2006	5/23/2006	Sb-125	2.00E+00	1.70E+01	6.10E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MU	6	L11731-0111/20/2006		Se-75	-1.49E+01	8.00E+00	3.10E+01
MU	6	L11731-0111/20/2006		Zn-65	-8.00E+00	1.60E+01	6.20E+01
MU	6	L11731-0111/20/2006		Zr-95	1.30E+01	1.60E+01	5.50E+01
MU	9	L10918-01 5/22/2006		AcTh-228	-5.00E+00	2.90E+01	1.10E+02
MU	9	L10918-01 5/22/2006		Ag-108m	3.70E+00	5.50E+00	1.90E+01
MU	9	L10918-01 5/22/2006		Ag-110m	-1.40E+01	1.10E+01	4.70E+01
MU	9	L10918-01 5/22/2006		Ba-140	4.20E+00	9.30E+00	3.90E+01
MU	9	L10918-01 5/22/2006		Be-7	2.00E+01	6.60E+01	2.40E+02
MU	9	L10918-01 5/22/2006		Ce-141	-1.22E+01	7.90E+00	3.10E+01
MU	9	L10918-01 5/22/2006		Ce-144	-2.00E+00	3.00E+01	1.10E+02
MU	9	L10918-01 5/22/2006		Co-57	-1.80E+00	3.20E+00	1.20E+01
MU	9	L10918-01 5/22/2006		Co-58	6.70E+00	9.00E+00	3.20E+01
MU	9	L10918-01 5/22/2006		Co-60	1.01E+01	9.60E+00	3.40E+01
MU	9	L10918-01 5/22/2006		Cr-51	1.28E+02	6.20E+01	2.00E+02
MU	9	L10918-01 5/22/2006		Cs-134	5.00E+00	1.00E+01	3.60E+01
MU	9	L10918-01 5/22/2006		Cs-137	9.80E+00	7.30E+00	2.50E+01
MU	9	L10918-01 5/22/2006		Fe-59	8.00E+00	1.70E+01	6.20E+01
MU	9	L10918-01 5/22/2006		I-131	-6.00E+00	1.40E+01	5.20E+01
MU	9	L10918-01 5/22/2006		K-40	1.25E+03	2.00E+02	4.30E+02 *
MU	9	L10918-01 5/22/2006		La-140	5.00E+00	1.10E+01	4.50E+01
MU	9	L10918-01 5/22/2006		Mn-54	5.00E+00	8.10E+00	2.90E+01
MU	9	L10918-01 5/22/2006		Nb-95	1.20E+01	1.00E+01	3.50E+01
MU	9	L10918-01 5/22/2006		Ru-103	1.00E+01	8.40E+00	2.90E+01
MU	9	L10918-01 5/22/2006		Ru-106	1.20E+01	6.10E+01	2.30E+02
MU	9	L10918-01 5/22/2006		Sb-124	-1.90E+01	2.30E+01	1.00E+02
MU	9	L10918-01 5/22/2006		Sb-125	-3.00E+00	1.90E+01	7.10E+01
MU	9	L10918-01 5/22/2006		Se-75	-8.40E+00	8.30E+00	3.10E+01
MU	9	L10918-01 5/22/2006		Zn-65	-1.90E+01	1.70E+01	7.30E+01
MU	9	L10918-01 5/22/2006		Zr-95	-3.00E+00	1.50E+01	5.70E+01
MU	9	L11727-0111/28/2006		AcTh-228	-3.00E+01	2.90E+01	1.20E+02
MU	9	L11727-0111/28/2006		Ag-108m	-1.02E+01	6.40E+00	2.50E+01
MU	9	L11727-0111/28/2006		Ag-110m	2.00E+00	1.20E+01	4.60E+01
MU	9	L11727-0111/28/2006		Ba-140	6.00E+00	2.60E+01	1.00E+02
MU	9	L11727-0111/28/2006		Be-7	-4.20E+01	8.00E+01	3.00E+02
MU	9	L11727-0111/28/2006		Ce-141	-3.00E+00	1.40E+01	5.10E+01
MU	9	L11727-0111/28/2006		Ce-144	-3.00E+00	4.20E+01	1.50E+02
MU	9	L11727-0111/28/2006		Co-57	6.80E+00	4.80E+00	1.60E+01
MU	9	L11727-0111/28/2006		Co-58	9.60E+00	7.20E+00	2.40E+01
MU	9	L11727-0111/28/2006		Co-60	-1.37E+01	7.90E+00	3.60E+01
MU	9	L11727-0111/28/2006		Cr-51	-1.58E+02	9.90E+01	3.80E+02
MU	9	L11727-0111/28/2006		Cs-134	1.90E+00	9.40E+00	3.30E+01
MU	9	L11727-0111/28/2006		Cs-137	1.48E+01	7.10E+00	2.20E+01
MU	9	L11727-0111/28/2006		Fe-59	-8.00E+00	1.80E+01	7.20E+01
MU	9	L11727-0111/28/2006		I-131	4.70E+01	4.70E+01	1.60E+02
MU	9	L11727-0111/28/2006		K-40	8.40E+02	1.70E+02	4.10E+02 *
MU	9	L11727-0111/28/2006		La-140	7.00E+00	3.00E+01	1.20E+02
MU	9	L11727-0111/28/2006		Mn-54	1.40E+00	7.30E+00	2.70E+01
MU	9	L11727-0111/28/2006		Nb-95	2.00E+00	1.20E+01	4.30E+01
MU	9	L11727-0111/28/2006		Ru-103	1.12E+01	9.50E+00	3.20E+01
MU	9	L11727-0111/28/2006		Ru-106	-3.60E+01	7.50E+01	2.80E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MU	9	L10918-01	5/22/2006	I-131	-6.00E+00	1.40E+01	5.20E+01
MU	9	L10918-01	5/22/2006	K-40	1.25E+03	2.00E+02	4.30E+02 *
MU	9	L10918-01	5/22/2006	La-140	5.00E+00	1.10E+01	4.50E+01
MU	9	L10918-01	5/22/2006	Mn-54	5.00E+00	8.10E+00	2.90E+01
MU	9	L10918-01	5/22/2006	Nb-95	1.20E+01	1.00E+01	3.50E+01
MU	9	L10918-01	5/22/2006	Ru-103	1.00E+01	8.40E+00	2.90E+01
MU	9	L10918-01	5/22/2006	Ru-106	1.20E+01	6.10E+01	2.30E+02
MU	9	L10918-01	5/22/2006	Sb-124	-1.90E+01	2.30E+01	1.00E+02
MU	9	L10918-01	5/22/2006	Sb-125	-3.00E+00	1.90E+01	7.10E+01
MU	9	L10918-01	5/22/2006	Se-75	-8.40E+00	8.30E+00	3.10E+01
MU	9	L10918-01	5/22/2006	Zn-65	-1.90E+01	1.70E+01	7.30E+01
MU	9	L10918-01	5/22/2006	Zr-95	-3.00E+00	1.50E+01	5.70E+01
MU	9	L11727-0111	28/2006	AcTh-228	-3.00E+01	2.90E+01	1.20E+02
MU	9	L11727-0111	28/2006	Ag-108m	-1.02E+01	6.40E+00	2.50E+01
MU	9	L11727-0111	28/2006	Ag-110m	2.00E+00	1.20E+01	4.60E+01
MU	9	L11727-0111	28/2006	Ba-140	6.00E+00	2.60E+01	1.00E+02
MU	9	L11727-0111	28/2006	Be-7	-4.20E+01	8.00E+01	3.00E+02
MU	9	L11727-0111	28/2006	Ce-141	-3.00E+00	1.40E+01	5.10E+01
MU	9	L11727-0111	28/2006	Ce-144	-3.00E+00	4.20E+01	1.50E+02
MU	9	L11727-0111	28/2006	Co-57	6.80E+00	4.80E+00	1.60E+01
MU	9	L11727-0111	28/2006	Co-58	9.60E+00	7.20E+00	2.40E+01
MU	9	L11727-0111	28/2006	Co-60	-1.37E+01	7.90E+00	3.60E+01
MU	9	L11727-0111	28/2006	Cr-51	-1.58E+02	9.90E+01	3.80E+02
MU	9	L11727-0111	28/2006	Cs-134	1.90E+00	9.40E+00	3.30E+01
MU	9	L11727-0111	28/2006	Cs-137	1.48E+01	7.10E+00	2.20E+01
MU	9	L11727-0111	28/2006	Fe-59	-8.00E+00	1.80E+01	7.20E+01
MU	9	L11727-0111	28/2006	I-131	4.70E+01	4.70E+01	1.60E+02
MU	9	L11727-0111	28/2006	K-40	8.40E+02	1.70E+02	4.10E+02 *
MU	9	L11727-0111	28/2006	La-140	7.00E+00	3.00E+01	1.20E+02
MU	9	L11727-0111	28/2006	Mn-54	1.40E+00	7.30E+00	2.70E+01
MU	9	L11727-0111	28/2006	Nb-95	2.00E+00	1.20E+01	4.30E+01
MU	9	L11727-0111	28/2006	Ru-103	1.12E+01	9.50E+00	3.20E+01
MU	9	L11727-0111	28/2006	Ru-106	-3.60E+01	7.50E+01	2.80E+02
MU	9	L11727-0111	28/2006	Sb-124	-6.00E+00	2.30E+01	9.50E+01
MU	9	L11727-0111	28/2006	Sb-125	0.00E+00	2.10E+01	7.50E+01
MU	9	L11727-0111	28/2006	Se-75	1.00E+00	9.70E+00	3.40E+01
MU	9	L11727-0111	28/2006	Zn-65	-4.50E+01	1.60E+01	7.70E+01
MU	9	L11727-0111	28/2006	Zr-95	-1.00E+01	1.50E+01	5.90E+01
MU	56	L10922-02	5/23/2006	AcTh-228	0.00E+00	3.20E+01	1.20E+02
MU	56	L10922-02	5/23/2006	Ag-108m	-9.00E-01	6.10E+00	2.30E+01
MU	56	L10922-02	5/23/2006	Ag-110m	-1.60E+01	1.30E+01	5.30E+01
MU	56	L10922-02	5/23/2006	Ba-140	-1.30E+01	1.20E+01	5.30E+01
MU	56	L10922-02	5/23/2006	Be-7	-3.90E+01	7.00E+01	2.60E+02
MU	56	L10922-02	5/23/2006	Ce-141	-4.50E+01	1.10E+01	4.70E+01
MU	56	L10922-02	5/23/2006	Ce-144	-4.30E+01	4.30E+01	1.60E+02
MU	56	L10922-02	5/23/2006	Co-57	7.20E+00	5.80E+00	1.90E+01
MU	56	L10922-02	5/23/2006	Co-58	-2.10E+01	1.00E+01	4.30E+01
MU	56	L10922-02	5/23/2006	Co-60	1.50E+00	8.40E+00	3.20E+01
MU	56	L10922-02	5/23/2006	Cr-51	1.80E+01	7.30E+01	2.60E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MU	56	L10922-02	5/23/2006	Cs-134	9.40E+00	8.30E+00	2.80E+01
MU	56	L10922-02	5/23/2006	Cs-137	5.60E+00	7.70E+00	2.70E+01
MU	56	L10922-02	5/23/2006	Fe-59	-9.00E+00	1.80E+01	7.00E+01
MU	56	L10922-02	5/23/2006	I-131	2.00E+01	1.70E+01	5.80E+01
MU	56	L10922-02	5/23/2006	K-40	1.94E+03	2.30E+02	4.40E+02 *
MU	56	L10922-02	5/23/2006	La-140	-1.50E+01	1.30E+01	6.10E+01
MU	56	L10922-02	5/23/2006	Mn-54	-1.40E+00	8.00E+00	3.10E+01
MU	56	L10922-02	5/23/2006	Nb-95	1.90E+01	1.10E+01	3.40E+01
MU	56	L10922-02	5/23/2006	Ru-103	1.20E+00	9.70E+00	3.50E+01
MU	56	L10922-02	5/23/2006	Ru-106	1.30E+01	7.60E+01	2.80E+02
MU	56	L10922-02	5/23/2006	Sb-124	-1.00E+01	1.80E+01	7.90E+01
MU	56	L10922-02	5/23/2006	Sb-125	2.90E+01	1.90E+01	6.30E+01
MU	56	L10922-02	5/23/2006	Se-75	2.10E+00	9.70E+00	3.40E+01
MU	56	L10922-02	5/23/2006	Zn-65	1.00E+00	2.00E+01	7.50E+01
MU	56	L10922-02	5/23/2006	Zr-95	2.00E+01	1.40E+01	4.80E+01
MU	56	L11731-02	11/20/2006	AcTh-228	-4.00E+00	3.60E+01	1.40E+02
MU	56	L11731-02	11/20/2006	Ag-108m	7.70E+00	6.80E+00	2.30E+01
MU	56	L11731-02	11/20/2006	Ag-110m	0.00E+00	1.10E+01	4.40E+01
MU	56	L11731-02	11/20/2006	Ba-140	5.20E+01	4.50E+01	1.50E+02
MU	56	L11731-02	11/20/2006	Be-7	-9.40E+01	8.20E+01	3.30E+02
MU	56	L11731-02	11/20/2006	Ce-141	-4.00E+00	1.70E+01	6.10E+01
MU	56	L11731-02	11/20/2006	Ce-144	-3.10E+01	3.90E+01	1.40E+02
MU	56	L11731-02	11/20/2006	Co-57	-2.80E+00	5.10E+00	1.90E+01
MU	56	L11731-02	11/20/2006	Co-58	-2.00E+00	1.00E+01	4.00E+01
MU	56	L11731-02	11/20/2006	Co-60	-7.10E+00	9.50E+00	4.00E+01
MU	56	L11731-02	11/20/2006	Cr-51	-1.00E+01	1.30E+02	4.60E+02
MU	56	L11731-02	11/20/2006	Cs-134	-1.80E+01	1.00E+01	4.00E+01
MU	56	L11731-02	11/20/2006	Cs-137	1.41E+01	8.40E+00	2.70E+01
MU	56	L11731-02	11/20/2006	Fe-59	-2.80E+01	2.60E+01	1.10E+02
MU	56	L11731-02	11/20/2006	I-131	1.39E+02	9.70E+01	3.20E+02
MU	56	L11731-02	11/20/2006	K-40	1.06E+03	1.80E+02	3.30E+02 *
MU	56	L11731-02	11/20/2006	La-140	5.90E+01	5.10E+01	1.80E+02
MU	56	L11731-02	11/20/2006	Mn-54	1.73E+01	9.10E+00	2.90E+01
MU	56	L11731-02	11/20/2006	Nb-95	1.90E+01	1.30E+01	4.40E+01
MU	56	L11731-02	11/20/2006	Ru-103	-1.10E+01	1.20E+01	4.90E+01
MU	56	L11731-02	11/20/2006	Ru-106	7.70E+01	7.80E+01	2.70E+02
MU	56	L11731-02	11/20/2006	Sb-124	-1.70E+01	2.90E+01	1.30E+02
MU	56	L11731-02	11/20/2006	Sb-125	3.90E+01	1.90E+01	5.80E+01
MU	56	L11731-02	11/20/2006	Se-75	4.00E+00	9.10E+00	3.20E+01
MU	56	L11731-02	11/20/2006	Zn-65	-2.10E+01	1.80E+01	7.80E+01
MU	56	L11731-02	11/20/2006	Zr-95	-2.20E+01	1.50E+01	6.80E+01
MU	59	L10918-02	5/22/2006	AcTh-228	-4.80E+01	3.00E+01	1.30E+02
MU	59	L10918-02	5/22/2006	Ag-108m	9.00E+00	6.60E+00	2.20E+01
MU	59	L10918-02	5/22/2006	Ag-110m	0.00E+00	1.20E+01	4.60E+01
MU	59	L10918-02	5/22/2006	Ba-140	0.00E+00	1.70E+01	6.70E+01
MU	59	L10918-02	5/22/2006	Be-7	1.28E+02	7.10E+01	2.30E+02
MU	59	L10918-02	5/22/2006	Ce-141	-2.00E+01	1.10E+01	4.30E+01
MU	59	L10918-02	5/22/2006	Ce-144	3.00E+00	4.20E+01	1.50E+02
MU	59	L10918-02	5/22/2006	Co-57	-4.70E+00	4.70E+00	1.70E+01
MU	59	L10918-02	5/22/2006	Co-58	8.40E+00	9.40E+00	3.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MU	59	L10918-02	5/22/2006	Co-60	9.20E+00	9.30E+00	3.30E+01
MU	59	L10918-02	5/22/2006	Cr-51	-1.91E+02	7.60E+01	3.10E+02
MU	59	L10918-02	5/22/2006	Cs-134	-5.00E+00	9.30E+00	3.70E+01
MU	59	L10918-02	5/22/2006	Cs-137	5.00E-01	9.70E+00	3.60E+01
MU	59	L10918-02	5/22/2006	Fe-59	4.00E+00	1.90E+01	7.30E+01
MU	59	L10918-02	5/22/2006	I-131	-2.00E+00	1.50E+01	5.70E+01
MU	59	L10918-02	5/22/2006	K-40	8.10E+02	2.10E+02	5.70E+02 *
MU	59	L10918-02	5/22/2006	La-140	0.00E+00	1.90E+01	7.70E+01
MU	59	L10918-02	5/22/2006	Mn-54	6.10E+00	8.40E+00	3.00E+01
MU	59	L10918-02	5/22/2006	Nb-95	-7.00E+00	1.00E+01	4.10E+01
MU	59	L10918-02	5/22/2006	Ru-103	-1.40E+00	7.80E+00	3.00E+01
MU	59	L10918-02	5/22/2006	Ru-106	-4.90E+01	8.00E+01	3.10E+02
MU	59	L10918-02	5/22/2006	Sb-124	-7.00E+00	1.50E+01	7.30E+01
MU	59	L10918-02	5/22/2006	Sb-125	-3.40E+01	2.30E+01	9.20E+01
MU	59	L10918-02	5/22/2006	Se-75	5.80E+00	8.50E+00	3.00E+01
MU	59	L10918-02	5/22/2006	Zn-65	-2.10E+01	1.90E+01	8.10E+01
MU	59	L10918-02	5/22/2006	Zr-95	-1.10E+01	1.50E+01	6.10E+01
MU	59	L11727-0211/20/2006		AcTh-228	4.00E+00	2.30E+01	8.30E+01
MU	59	L11727-0211/20/2006		Ag-108m	-3.30E+00	5.10E+00	1.90E+01
MU	59	L11727-0211/20/2006		Ag-110m	-5.90E+00	9.20E+00	3.60E+01
MU	59	L11727-0211/20/2006		Ba-140	4.10E+01	2.80E+01	9.00E+01
MU	59	L11727-0211/20/2006		Be-7	1.33E+02	6.90E+01	2.20E+02
MU	59	L11727-0211/20/2006		Ce-141	1.50E+01	1.40E+01	4.70E+01
MU	59	L11727-0211/20/2006		Ce-144	5.00E+00	3.70E+01	1.30E+02
MU	59	L11727-0211/20/2006		Co-57	-1.60E+00	4.30E+00	1.50E+01
MU	59	L11727-0211/20/2006		Co-58	2.50E+00	8.50E+00	3.10E+01
MU	59	L11727-0211/20/2006		Co-60	9.50E+00	7.60E+00	2.60E+01
MU	59	L11727-0211/20/2006		Cr-51	-1.00E+01	1.00E+02	3.60E+02
MU	59	L11727-0211/20/2006		Cs-134	8.00E+00	1.20E+01	4.00E+01
MU	59	L11727-0211/20/2006		Cs-137	-1.20E+00	6.50E+00	2.40E+01
MU	59	L11727-0211/20/2006		Fe-59	-1.30E+01	1.90E+01	7.50E+01
MU	59	L11727-0211/20/2006		I-131	-2.40E+01	8.00E+01	2.90E+02
MU	59	L11727-0211/20/2006		K-40	1.25E+03	1.60E+02	3.30E+02 *
MU	59	L11727-0211/20/2006		La-140	4.70E+01	3.20E+01	1.00E+02
MU	59	L11727-0211/20/2006		Mn-54	3.00E+00	6.70E+00	2.40E+01
MU	59	L11727-0211/20/2006		Nb-95	1.10E+01	1.20E+01	4.20E+01
MU	59	L11727-0211/20/2006		Ru-103	-2.00E+01	1.20E+01	4.50E+01
MU	59	L11727-0211/20/2006		Ru-106	-1.25E+02	6.60E+01	2.60E+02
MU	59	L11727-0211/20/2006		Sb-124	1.40E+01	1.80E+01	6.50E+01
MU	59	L11727-0211/20/2006		Sb-125	4.00E+00	1.70E+01	6.10E+01
MU	59	L11727-0211/20/2006		Se-75	1.32E+01	9.60E+00	3.20E+01
MU	59	L11727-0211/20/2006		Zn-65	1.30E+01	1.60E+01	5.50E+01
MU	59	L11727-0211/20/2006		Zr-95	-7.00E+00	1.50E+01	5.80E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	2	L10919-01	5/23/2006	AcTh-228	8.50E+02	7.80E+01	2.60E+02 *
SE	2	L10919-01	5/23/2006	Ag-108m	7.00E+00	1.30E+01	4.40E+01
SE	2	L10919-01	5/23/2006	Ag-110m	-3.50E+01	2.10E+01	8.40E+01
SE	2	L10919-01	5/23/2006	Ba-140	4.00E+01	1.50E+02	5.40E+02
SE	2	L10919-01	5/23/2006	Be-7	1.10E+02	1.50E+02	5.20E+02
SE	2	L10919-01	5/23/2006	Ce-141	-1.30E+01	3.70E+01	1.30E+02
SE	2	L10919-01	5/23/2006	Ce-144	-2.00E+01	1.00E+02	3.60E+02
SE	2	L10919-01	5/23/2006	Co-57	1.30E+01	1.40E+01	4.60E+01
SE	2	L10919-01	5/23/2006	Co-58	-4.20E+01	1.60E+01	6.90E+01
SE	2	L10919-01	5/23/2006	Co-60	4.00E+00	1.50E+01	5.60E+01
SE	2	L10919-01	5/23/2006	Cr-51	4.20E+02	2.00E+02	6.50E+02
SE	2	L10919-01	5/23/2006	Cs-134	1.30E+01	1.70E+01	5.80E+01
SE	2	L10919-01	5/23/2006	Cs-137	-2.00E+00	1.70E+01	6.10E+01
SE	2	L10919-01	5/23/2006	Fe-59	0.00E+00	4.20E+01	1.50E+02
SE	2	L10919-01	5/23/2006	I-131	8.80E+01	8.30E+01	2.80E+02
SE	2	L10919-01	5/23/2006	K-40	1.35E+04	6.30E+02	6.70E+02 *
SE	2	L10919-01	5/23/2006	La-140	-4.20E+01	7.10E+01	2.70E+02
SE	2	L10919-01	5/23/2006	Mn-54	-4.00E+00	1.80E+01	6.60E+01
SE	2	L10919-01	5/23/2006	Nb-95	-4.20E+01	2.10E+01	8.60E+01
SE	2	L10919-01	5/23/2006	Ru-103	1.50E+01	2.00E+01	6.80E+01
SE	2	L10919-01	5/23/2006	Ru-106	6.00E+01	1.40E+02	4.90E+02
SE	2	L10919-01	5/23/2006	Sb-124	3.30E+01	2.90E+01	1.00E+02
SE	2	L10919-01	5/23/2006	Sb-125	-4.00E+00	3.90E+01	1.40E+02
SE	2	L10919-01	5/23/2006	Se-75	1.00E+01	2.40E+01	8.10E+01
SE	2	L10919-01	5/23/2006	Zn-65	-5.80E+01	7.80E+01	2.80E+02
SE	2	L10919-01	5/23/2006	Zr-95	-2.60E+01	3.00E+01	1.20E+02
SE	2	L10919-02	5/23/2006	AcTh-228	9.91E+02	7.70E+01	2.70E+02 *
SE	2	L10919-02	5/23/2006	Ag-108m	-1.80E+01	1.40E+01	5.30E+01
SE	2	L10919-02	5/23/2006	Ag-110m	-8.00E+00	2.40E+01	8.90E+01
SE	2	L10919-02	5/23/2006	Ba-140	1.50E+02	1.60E+02	5.40E+02
SE	2	L10919-02	5/23/2006	Be-7	2.30E+02	1.60E+02	5.20E+02
SE	2	L10919-02	5/23/2006	Ce-141	2.00E+00	3.10E+01	1.10E+02
SE	2	L10919-02	5/23/2006	Ce-144	-7.40E+01	9.30E+01	3.30E+02
SE	2	L10919-02	5/23/2006	Co-57	-1.10E+01	1.10E+01	4.00E+01
SE	2	L10919-02	5/23/2006	Co-58	5.00E+00	1.90E+01	6.90E+01
SE	2	L10919-02	5/23/2006	Co-60	-1.70E+01	2.00E+01	8.00E+01
SE	2	L10919-02	5/23/2006	Cr-51	-2.80E+02	1.90E+02	7.20E+02
SE	2	L10919-02	5/23/2006	Cs-134	0.00E+00	1.40E+01	5.10E+01
SE	2	L10919-02	5/23/2006	Cs-137	1.50E+01	1.60E+01	5.50E+01
SE	2	L10919-02	5/23/2006	Fe-59	-3.40E+01	4.30E+01	1.70E+02
SE	2	L10919-02	5/23/2006	I-131	-6.80E+01	7.70E+01	2.90E+02
SE	2	L10919-02	5/23/2006	K-40	1.32E+04	6.90E+02	6.60E+02 *
SE	2	L10919-02	5/23/2006	La-140	-1.90E+01	8.20E+01	3.00E+02
SE	2	L10919-02	5/23/2006	Mn-54	-1.40E+01	2.00E+01	7.40E+01
SE	2	L10919-02	5/23/2006	Nb-95	-6.50E+01	3.10E+01	1.20E+02
SE	2	L10919-02	5/23/2006	Ru-103	-2.10E+01	1.90E+01	7.40E+01
SE	2	L10919-02	5/23/2006	Ru-106	-8.00E+01	1.40E+02	5.40E+02
SE	2	L10919-02	5/23/2006	Sb-124	-1.00E+01	3.10E+01	1.40E+02
SE	2	L10919-02	5/23/2006	Sb-125	0.00E+00	4.80E+01	1.70E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	2	L10919-02	5/23/2006	Se-75	8.00E+00	2.00E+01	7.10E+01
SE	2	L10919-02	5/23/2006	Zn-65	-6.70E+01	8.60E+01	3.10E+02
SE	2	L10919-02	5/23/2006	Zr-95	-7.00E+00	3.80E+01	1.40E+02
SE	2	L10919-03	5/23/2006	AcTh-228	1.36E+03	7.70E+01	2.50E+02 *
SE	2	L10919-03	5/23/2006	Ag-108m	1.00E+00	1.50E+01	5.30E+01
SE	2	L10919-03	5/23/2006	Ag-110m	-1.20E+01	2.60E+01	9.40E+01
SE	2	L10919-03	5/23/2006	Ba-140	1.50E+02	1.60E+02	5.50E+02
SE	2	L10919-03	5/23/2006	Be-7	-5.00E+01	1.70E+02	6.00E+02
SE	2	L10919-03	5/23/2006	Ce-141	3.20E+01	4.50E+01	1.50E+02
SE	2	L10919-03	5/23/2006	Ce-144	-3.00E+01	1.20E+02	4.00E+02
SE	2	L10919-03	5/23/2006	Co-57	-3.20E+01	1.50E+01	5.40E+01
SE	2	L10919-03	5/23/2006	Co-58	-3.00E+00	1.80E+01	6.80E+01
SE	2	L10919-03	5/23/2006	Co-60	-6.00E+00	1.80E+01	6.90E+01
SE	2	L10919-03	5/23/2006	Cr-51	-1.50E+02	2.40E+02	8.50E+02
SE	2	L10919-03	5/23/2006	Cs-134	-1.90E+01	1.80E+01	6.50E+01
SE	2	L10919-03	5/23/2006	Cs-137	-1.70E+01	2.00E+01	7.40E+01
SE	2	L10919-03	5/23/2006	Fe-59	-5.80E+01	4.30E+01	1.70E+02
SE	2	L10919-03	5/23/2006	I-131	-1.39E+02	9.20E+01	3.40E+02
SE	2	L10919-03	5/23/2006	K-40	1.32E+04	6.40E+02	6.50E+02 *
SE	2	L10919-03	5/23/2006	La-140	8.00E+00	9.00E+01	3.20E+02
SE	2	L10919-03	5/23/2006	Mn-54	3.20E+01	1.80E+01	5.90E+01
SE	2	L10919-03	5/23/2006	Nb-95	-4.50E+01	2.60E+01	1.00E+02
SE	2	L10919-03	5/23/2006	Ru-103	-8.00E+00	2.00E+01	7.30E+01
SE	2	L10919-03	5/23/2006	Ru-106	2.20E+02	1.80E+02	6.10E+02
SE	2	L10919-03	5/23/2006	Sb-124	-4.40E+01	3.80E+01	1.60E+02
SE	2	L10919-03	5/23/2006	Sb-125	1.20E+01	4.70E+01	1.60E+02
SE	2	L10919-03	5/23/2006	Se-75	4.30E+01	2.30E+01	7.40E+01
SE	2	L10919-03	5/23/2006	Zn-65	-1.39E+02	8.00E+01	2.90E+02
SE	2	L10919-03	5/23/2006	Zr-95	2.30E+01	3.60E+01	1.30E+02
SE	2	L11726-0111/20/2006	5/23/2006	AcTh-228	1.92E+03	5.20E+01	1.50E+02 *
SE	2	L11726-0111/20/2006	5/23/2006	Ag-108m	4.40E+00	9.40E+00	3.20E+01
SE	2	L11726-0111/20/2006	5/23/2006	Ag-110m	3.00E+00	1.40E+01	4.80E+01
SE	2	L11726-0111/20/2006	5/23/2006	Ba-140	-2.80E+02	2.00E+02	7.00E+02
SE	2	L11726-0111/20/2006	5/23/2006	Be-7	3.00E+02	1.20E+02	4.00E+02
SE	2	L11726-0111/20/2006	5/23/2006	Ce-141	-2.30E+01	3.70E+01	1.30E+02
SE	2	L11726-0111/20/2006	5/23/2006	Ce-144	2.14E+02	9.00E+01	2.90E+02
SE	2	L11726-0111/20/2006	5/23/2006	Co-57	-6.00E+00	1.20E+01	3.90E+01
SE	2	L11726-0111/20/2006	5/23/2006	Co-58	-3.00E+00	1.30E+01	4.50E+01
SE	2	L11726-0111/20/2006	5/23/2006	Co-60	-2.00E+00	1.00E+01	3.70E+01
SE	2	L11726-0111/20/2006	5/23/2006	Cr-51	-5.00E+01	2.00E+02	6.70E+02
SE	2	L11726-0111/20/2006	5/23/2006	Cs-134	-1.00E+02	4.40E+01	1.50E+02
SE	2	L11726-0111/20/2006	5/23/2006	Cs-137	-7.00E+00	1.20E+01	4.10E+01
SE	2	L11726-0111/20/2006	5/23/2006	Fe-59	-3.00E+00	3.10E+01	1.10E+02
SE	2	L11726-0111/20/2006	5/23/2006	I-131	-3.00E+01	1.40E+02	4.90E+02
SE	2	L11726-0111/20/2006	5/23/2006	K-40	1.10E+04	3.30E+02	3.40E+02 *
SE	2	L11726-0111/20/2006	5/23/2006	La-140	1.35E+02	9.50E+01	3.10E+02
SE	2	L11726-0111/20/2006	5/23/2006	Mn-54	-2.00E+00	1.20E+01	4.20E+01
SE	2	L11726-0111/20/2006	5/23/2006	Nb-95	-6.00E+01	2.80E+01	9.90E+01
SE	2	L11726-0111/20/2006	5/23/2006	Ru-103	1.00E+00	1.80E+01	6.20E+01
SE	2	L11726-0111/20/2006	5/23/2006	Ru-106	-6.00E+01	1.00E+02	3.60E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	2	L11726-0111/20/2006		Sb-124	6.00E+00	2.40E+01	8.80E+01
SE	2	L11726-0111/20/2006		Sb-125	2.10E+01	3.10E+01	1.00E+02
SE	2	L11726-0111/20/2006		Se-75	-2.40E+01	1.80E+01	6.40E+01
SE	2	L11726-0111/20/2006		Zn-65	4.20E+01	5.10E+01	1.70E+02
SE	2	L11726-0111/20/2006		Zr-95	-1.00E+01	2.80E+01	9.80E+01
SE	2	L11726-0211/20/2006		AcTh-228	1.76E+03	5.00E+01	1.50E+02 *
SE	2	L11726-0211/20/2006		Ag-108m	3.90E+00	9.90E+00	3.30E+01
SE	2	L11726-0211/20/2006		Ag-110m	2.30E+01	1.30E+01	4.20E+01
SE	2	L11726-0211/20/2006		Ba-140	-7.00E+01	1.70E+02	5.90E+02
SE	2	L11726-0211/20/2006		Be-7	8.00E+01	1.30E+02	4.40E+02
SE	2	L11726-0211/20/2006		Ce-141	8.50E+01	3.70E+01	1.20E+02
SE	2	L11726-0211/20/2006		Ce-144	1.60E+02	1.80E+02	6.10E+02
SE	2	L11726-0211/20/2006		Co-57	-1.00E+00	1.20E+01	3.90E+01
SE	2	L11726-0211/20/2006		Co-58	-2.20E+01	1.30E+01	4.70E+01
SE	2	L11726-0211/20/2006		Co-60	1.29E+01	9.00E+00	3.00E+01
SE	2	L11726-0211/20/2006		Cr-51	2.70E+02	1.90E+02	6.40E+02
SE	2	L11726-0211/20/2006		Cs-134	-5.20E+01	4.10E+01	1.40E+02
SE	2	L11726-0211/20/2006		Cs-137	-8.00E+00	1.90E+01	6.50E+01
SE	2	L11726-0211/20/2006		Fe-59	0.00E+00	2.90E+01	1.00E+02
SE	2	L11726-0211/20/2006		I-131	2.60E+02	1.40E+02	4.70E+02
SE	2	L11726-0211/20/2006		K-40	-1.07E+04	3.20E+02	-3.60E+02 *
SE	2	L11726-0211/20/2006		La-140	5.00E+01	1.00E+02	3.40E+02
SE	2	L11726-0211/20/2006		Mn-54	6.00E+00	1.10E+01	3.60E+01
SE	2	L11726-0211/20/2006		Nb-95	-2.40E+01	2.90E+01	9.90E+01
SE	2	L11726-0211/20/2006		Ru-103	7.00E+00	1.60E+01	5.40E+01
SE	2	L11726-0211/20/2006		Ru-106	2.00E+01	1.00E+02	3.50E+02
SE	2	L11726-0211/20/2006		Sb-124	-5.50E+01	2.20E+01	9.00E+01
SE	2	L11726-0211/20/2006		Sb-125	5.10E+01	3.10E+01	1.00E+02
SE	2	L11726-0211/20/2006		Se-75	-1.70E+01	1.80E+01	6.10E+01
SE	2	L11726-0211/20/2006		Zn-65	-1.80E+01	5.30E+01	1.80E+02
SE	2	L11726-0211/20/2006		Zr-95	3.90E+01	2.40E+01	7.90E+01
SE	2	L11726-0311/20/2006		AcTh-228	1.61E+03	4.30E+01	1.40E+02 *
SE	2	L11726-0311/20/2006		Ag-108m	4.00E-01	8.50E+00	2.90E+01
SE	2	L11726-0311/20/2006		Ag-110m	-3.00E+00	1.30E+01	4.70E+01
SE	2	L11726-0311/20/2006		Ba-140	-7.00E+01	3.90E+02	1.30E+03
SE	2	L11726-0311/20/2006		Be-7	-9.00E+01	1.30E+02	4.60E+02
SE	2	L11726-0311/20/2006		Ce-141	5.30E+01	4.10E+01	1.40E+02
SE	2	L11726-0311/20/2006		Ce-144	-2.20E+01	7.70E+01	2.60E+02
SE	2	L11726-0311/20/2006		Co-57	3.40E+01	1.60E+01	5.10E+01
SE	2	L11726-0311/20/2006		Co-58	1.30E+01	2.40E+01	7.90E+01
SE	2	L11726-0311/20/2006		Co-60	-1.50E+00	8.40E+00	3.00E+01
SE	2	L11726-0311/20/2006		Cr-51	3.90E+02	2.40E+02	8.00E+02
SE	2	L11726-0311/20/2006		Cs-134	3.90E+00	9.30E+00	3.10E+01
SE	2	L11726-0311/20/2006		Cs-137	-1.27E+01	9.90E+00	3.50E+01
SE	2	L11726-0311/20/2006		Fe-59	1.20E+01	3.60E+01	1.20E+02
SE	2	L11726-0311/20/2006		I-131	-6.00E+02	4.60E+02	1.60E+03
SE	2	L11726-0311/20/2006		K-40	1.22E+04	3.20E+02	3.30E+02 *
SE	2	L11726-0311/20/2006		La-140	1.80E+02	1.90E+02	6.20E+02
SE	2	L11726-0311/20/2006		Mn-54	-1.00E+01	1.10E+01	3.90E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	2	L11726-0311/20/2006		Nb-95	-7.90E+01	3.50E+01	1.30E+02
SE	2	L11726-0311/20/2006		Ru-103	-3.40E+01	1.90E+01	6.80E+01
SE	2	L11726-0311/20/2006		Ru-106	-6.50E+01	9.20E+01	3.20E+02
SE	2	L11726-0311/20/2006		Sb-124	-1.80E+01	2.30E+01	8.80E+01
SE	2	L11726-0311/20/2006		Sb-125	-3.00E+01	2.60E+01	9.20E+01
SE	2	L11726-0311/20/2006		Se-75	-1.50E+01	1.70E+01	5.90E+01
SE	2	L11726-0311/20/2006		Zn-65	3.30E+01	4.80E+01	1.60E+02
SE	2	L11726-0311/20/2006		Zr-95	4.00E+00	3.50E+01	1.20E+02
SE	7	L10919-04 5/22/2006		AcTh-228	3.06E+02	4.60E+01	1.70E+02 *
SE	7	L10919-04 5/22/2006		Ag-108m	0.00E+00	9.20E+00	3.30E+01
SE	7	L10919-04 5/22/2006		Ag-110m	1.80E+01	1.60E+01	5.40E+01
SE	7	L10919-04 5/22/2006		Ba-140	2.00E+01	1.10E+02	4.10E+02
SE	7	L10919-04 5/22/2006		Be-7	4.00E+01	1.10E+02	3.90E+02
SE	7	L10919-04 5/22/2006		Ce-141	3.70E+01	2.50E+01	8.30E+01
SE	7	L10919-04 5/22/2006		Ce-144	6.60E+01	7.40E+01	2.50E+02
SE	7	L10919-04 5/22/2006		Co-57	-1.49E+01	9.50E+00	3.50E+01
SE	7	L10919-04 5/22/2006		Co-58	-3.90E+01	1.30E+01	5.60E+01
SE	7	L10919-04 5/22/2006		Co-60	6.00E+00	9.20E+00	3.30E+01
SE	7	L10919-04 5/22/2006		Cr-51	5.00E+01	1.50E+02	5.10E+02
SE	7	L10919-04 5/22/2006		Cs-134	-2.00E+00	1.00E+01	3.70E+01
SE	7	L10919-04 5/22/2006		Cs-137	9.00E+00	1.20E+01	4.00E+01
SE	7	L10919-04 5/22/2006		Fe-59	-2.60E+01	3.60E+01	1.30E+02
SE	7	L10919-04 5/22/2006		I-131	1.20E+01	6.40E+01	2.30E+02
SE	7	L10919-04 5/22/2006		K-40	1.38E+04	5.40E+02	4.60E+02 *
SE	7	L10919-04 5/22/2006		La-140	7.60E+01	6.20E+01	2.10E+02
SE	7	L10919-04 5/22/2006		Mn-54	-2.30E+01	1.10E+01	4.70E+01
SE	7	L10919-04 5/22/2006		Nb-95	-1.40E+01	1.80E+01	6.60E+01
SE	7	L10919-04 5/22/2006		Ru-103	-1.30E+01	1.60E+01	5.90E+01
SE	7	L10919-04 5/22/2006		Ru-106	-6.00E+01	1.10E+02	4.20E+02
SE	7	L10919-04 5/22/2006		Sb-124	-6.00E+00	1.40E+01	6.50E+01
SE	7	L10919-04 5/22/2006		Sb-125	-2.90E+01	3.00E+01	1.10E+02
SE	7	L10919-04 5/22/2006		Se-75	-4.00E+00	1.50E+01	5.50E+01
SE	7	L10919-04 5/22/2006		Zn-65	-5.00E+01	3.50E+01	1.30E+02
SE	7	L10919-04 5/22/2006		Zr-95	1.10E+01	1.90E+01	8.60E+01
SE	7	L10919-05 5/22/2006		AcTh-228	2.78E+02	5.00E+01	1.70E+02 *
SE	7	L10919-05 5/22/2006		Ag-108m	-4.30E+00	9.80E+00	3.60E+01
SE	7	L10919-05 5/22/2006		Ag-110m	1.50E+01	1.60E+01	5.50E+01
SE	7	L10919-05 5/22/2006		Ba-140	1.40E+02	1.20E+02	3.90E+02
SE	7	L10919-05 5/22/2006		Be-7	-3.00E+01	1.30E+02	4.80E+02
SE	7	L10919-05 5/22/2006		Ce-141	-3.60E+01	2.70E+01	9.50E+01
SE	7	L10919-05 5/22/2006		Ce-144	8.60E+01	7.90E+01	2.60E+02
SE	7	L10919-05 5/22/2006		Co-57	7.30E+00	9.80E+00	3.30E+01
SE	7	L10919-05 5/22/2006		Co-58	7.00E+00	1.20E+01	4.20E+01
SE	7	L10919-05 5/22/2006		Co-60	-9.80E+00	9.40E+00	3.90E+01
SE	7	L10919-05 5/22/2006		Cr-51	-1.50E+02	1.60E+02	5.70E+02
SE	7	L10919-05 5/22/2006		Cs-134	0.00E+00	1.60E+01	5.50E+01
SE	7	L10919-05 5/22/2006		Cs-137	-1.70E+01	1.10E+01	4.40E+01
SE	7	L10919-05 5/22/2006		Fe-59	2.50E+01	3.40E+01	1.20E+02
SE	7	L10919-05 5/22/2006		I-131	-2.10E+01	6.90E+01	2.50E+02
SE	7	L10919-05 5/22/2006		K-40	1.65E+04	5.80E+02	4.20E+02 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	7	L10919-05	5/22/2006	La-140	-1.60E+01	6.60E+01	2.40E+02
SE	7	L10919-05	5/22/2006	Mn-54	0.00E+00	1.20E+01	4.40E+01
SE	7	L10919-05	5/22/2006	Nb-95	5.00E+00	1.70E+01	6.10E+01
SE	7	L10919-05	5/22/2006	Ru-103	-5.00E+00	1.50E+01	5.40E+01
SE	7	L10919-05	5/22/2006	Ru-106	-1.13E+02	9.60E+01	3.70E+02
SE	7	L10919-05	5/22/2006	Sb-124	2.20E+01	1.70E+01	5.80E+01
SE	7	L10919-05	5/22/2006	Sb-125	-1.30E+01	3.00E+01	1.10E+02
SE	7	L10919-05	5/22/2006	Se-75	1.00E+01	1.60E+01	5.40E+01
SE	7	L10919-05	5/22/2006	Zn-65	-7.80E+01	3.30E+01	1.30E+02
SE	7	L10919-05	5/22/2006	Zr-95	-2.40E+01	2.00E+01	9.20E+01
SE	7	L10919-06	5/22/2006	AcTh-228	2.61E+02	5.90E+01	2.00E+02 *
SE	7	L10919-06	5/22/2006	Ag-108m	2.05E+01	9.90E+00	3.10E+01
SE	7	L10919-06	5/22/2006	Ag-110m	-8.00E+00	2.20E+01	8.00E+01
SE	7	L10919-06	5/22/2006	Ba-140	-4.00E+01	1.50E+02	5.50E+02
SE	7	L10919-06	5/22/2006	Be-7	1.00E+02	1.00E+02	3.40E+02
SE	7	L10919-06	5/22/2006	Ce-141	2.10E+01	2.40E+01	8.10E+01
SE	7	L10919-06	5/22/2006	Ce-144	-3.50E+01	7.10E+01	2.50E+02
SE	7	L10919-06	5/22/2006	Co-57	-7.00E+00	1.00E+01	3.60E+01
SE	7	L10919-06	5/22/2006	Co-58	-5.00E+00	1.20E+01	4.50E+01
SE	7	L10919-06	5/22/2006	Co-60	8.00E+00	1.40E+01	5.20E+01
SE	7	L10919-06	5/22/2006	Cr-51	-1.80E+02	1.60E+02	5.90E+02
SE	7	L10919-06	5/22/2006	Cs-134	2.20E+01	1.20E+01	3.90E+01
SE	7	L10919-06	5/22/2006	Cs-137	-5.00E+00	1.30E+01	4.90E+01
SE	7	L10919-06	5/22/2006	Fe-59	-5.00E+00	3.70E+01	1.40E+02
SE	7	L10919-06	5/22/2006	I-131	-1.50E+02	7.00E+01	2.70E+02
SE	7	L10919-06	5/22/2006	K-40	1.67E+04	6.60E+02	6.20E+02 *
SE	7	L10919-06	5/22/2006	La-140	-1.60E+01	6.90E+01	8.30E+02
SE	7	L10919-06	5/22/2006	Mn-54	-4.00E+00	1.50E+01	5.40E+01
SE	7	L10919-06	5/22/2006	Nb-95	0.00E+00	1.90E+01	6.80E+01
SE	7	L10919-06	5/22/2006	Ru-103	1.70E+01	1.60E+01	5.40E+01
SE	7	L10919-06	5/22/2006	Ru-106	-1.30E+02	1.10E+02	4.20E+02
SE	7	L10919-06	5/22/2006	Sb-124	0.00E+00	2.40E+01	9.90E+01
SE	7	L10919-06	5/22/2006	Sb-125	0.00E+00	3.10E+01	1.10E+02
SE	7	L10919-06	5/22/2006	Se-75	-2.60E+01	1.70E+01	6.20E+01
SE	7	L10919-06	5/22/2006	Zn-65	-4.10E+01	4.10E+01	1.50E+02
SE	7	L10919-06	5/22/2006	Zr-95	4.00E+00	2.00E+01	8.10E+01
SE	7	L11726-0411/28/2006	5/22/2006	AcTh-228	2.29E+02	4.10E+01	1.50E+02 *
SE	7	L11726-0411/28/2006	5/22/2006	Ag-108m	-9.50E+00	7.30E+00	2.70E+01
SE	7	L11726-0411/28/2006	5/22/2006	Ag-110m	-3.60E+01	1.40E+01	5.70E+01
SE	7	L11726-0411/28/2006	5/22/2006	Ba-140	1.10E+02	2.00E+02	7.00E+02
SE	7	L11726-0411/28/2006	5/22/2006	Be-7	0.00E+00	1.10E+02	4.00E+02
SE	7	L11726-0411/28/2006	5/22/2006	Ce-141	-2.50E+01	2.40E+01	8.50E+01
SE	7	L11726-0411/28/2006	5/22/2006	Ce-144	-1.10E+01	5.40E+01	1.90E+02
SE	7	L11726-0411/28/2006	5/22/2006	Co-57	-7.30E+00	6.50E+00	2.30E+01
SE	7	L11726-0411/28/2006	5/22/2006	Co-58	0.00E+00	1.20E+01	4.40E+01
SE	7	L11726-0411/28/2006	5/22/2006	Co-60	-6.00E+00	1.00E+01	3.90E+01
SE	7	L11726-0411/28/2006	5/22/2006	Cr-51	1.60E+02	1.60E+02	5.40E+02
SE	7	L11726-0411/28/2006	5/22/2006	Cs-134	-3.10E+01	3.60E+01	1.20E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	7	L11726-0411/28/2006		Cs-137	-8.90E+00	9.30E+00	3.40E+01
SE	7	L11726-0411/28/2006		Fe-59	3.50E+01	3.60E+01	1.20E+02
SE	7	L11726-0411/28/2006		I-131	-4.00E+01	1.90E+02	6.60E+02
SE	7	L11726-0411/28/2006		K-40	1.52E+04	4.60E+02	3.60E+02 *
SE	7	L11726-0411/28/2006		La-140	-3.00E+01	1.10E+02	4.00E+02
SE	7	L11726-0411/28/2006		Mn-54	-1.36E+01	9.30E+00	3.50E+01
SE	7	L11726-0411/28/2006		Nb-95	-3.30E+01	1.80E+01	7.00E+01
SE	7	L11726-0411/28/2006		Ru-103	-3.00E+00	1.40E+01	5.10E+01
SE	7	L11726-0411/28/2006		Ru-106	-1.10E+02	8.70E+01	3.20E+02
SE	7	L11726-0411/28/2006		Sb-124	-1.00E+01	2.20E+01	8.90E+01
SE	7	L11726-0411/28/2006		Sb-125	3.10E+01	2.30E+01	7.80E+01
SE	7	L11726-0411/28/2006		Se-75	3.00E+00	1.10E+01	3.90E+01
SE	7	L11726-0411/28/2006		Zn-65	-6.00E+01	5.30E+01	1.80E+02
SE	7	L11726-0411/28/2006		Zr-95	-2.30E+01	1.70E+01	7.30E+01
SE	7	L11726-0511/28/2006		AcTh-228	2.89E+02	3.90E+01	1.40E+02 *
SE	7	L11726-0511/28/2006		Ag-108m	-1.20E+00	7.40E+00	2.60E+01
SE	7	L11726-0511/28/2006		Ag-110m	3.00E+00	1.50E+01	5.20E+01
SE	7	L11726-0511/28/2006		Ba-140	-6.50E+02	2.70E+02	1.00E+03
SE	7	L11726-0511/28/2006		Be-7	-1.00E+01	1.10E+02	3.90E+02
SE	7	L11726-0511/28/2006		Ce-141	-3.00E+00	2.70E+01	9.20E+01
SE	7	L11726-0511/28/2006		Ce-144	8.30E+01	5.80E+01	1.90E+02
SE	7	L11726-0511/28/2006		Co-57	2.50E+00	6.90E+00	2.30E+01
SE	7	L11726-0511/28/2006		Co-58	4.00E+00	1.30E+01	4.40E+01
SE	7	L11726-0511/28/2006		Co-60	1.70E+01	1.00E+01	3.30E+01
SE	7	L11726-0511/28/2006		Cr-51	-1.50E+02	1.80E+02	6.50E+02
SE	7	L11726-0511/28/2006		Cs-134	-4.10E+01	3.60E+01	1.20E+02
SE	7	L11726-0511/28/2006		Cs-137	1.00E+01	1.00E+01	3.50E+01
SE	7	L11726-0511/28/2006		Fe-59	-4.50E+01	4.10E+01	1.50E+02
SE	7	L11726-0511/28/2006		I-131	2.80E+02	2.10E+02	7.00E+02
SE	7	L11726-0511/28/2006		K-40	1.56E+04	4.50E+02	3.50E+02 *
SE	7	L11726-0511/28/2006		La-140	2.30E+02	1.20E+02	3.70E+02
SE	7	L11726-0511/28/2006		Mn-54	1.92E+01	9.80E+00	3.20E+01
SE	7	L11726-0511/28/2006		Nb-95	2.10E+01	1.90E+01	6.50E+01
SE	7	L11726-0511/28/2006		Ru-103	-1.10E+01	1.50E+01	5.50E+01
SE	7	L11726-0511/28/2006		Ru-106	1.00E+01	9.00E+01	3.20E+02
SE	7	L11726-0511/28/2006		Sb-124	1.40E+01	2.00E+01	7.40E+01
SE	7	L11726-0511/28/2006		Sb-125	-1.00E+01	2.40E+01	8.40E+01
SE	7	L11726-0511/28/2006		Se-75	-1.20E+01	1.30E+01	4.70E+01
SE	7	L11726-0511/28/2006		Zn-65	-5.10E+01	5.00E+01	1.80E+02
SE	7	L11726-0511/28/2006		Zr-95	-2.70E+01	1.70E+01	7.40E+01
SE	7	L11726-0611/28/2006		AcTh-228	3.12E+02	3.90E+01	1.50E+02 *
SE	7	L11726-0611/28/2006		Ag-108m	2.50E+00	7.60E+00	2.70E+01
SE	7	L11726-0611/28/2006		Ag-110m	1.40E+01	1.40E+01	4.90E+01
SE	7	L11726-0611/28/2006		Ba-140	2.00E+01	2.10E+02	7.40E+02
SE	7	L11726-0611/28/2006		Be-7	0.00E+00	1.10E+02	3.70E+02
SE	7	L11726-0611/28/2006		Ce-141	2.60E+01	2.60E+01	8.70E+01
SE	7	L11726-0611/28/2006		Ce-144	-3.80E+01	4.80E+01	1.70E+02
SE	7	L11726-0611/28/2006		Co-57	-6.00E-01	5.90E+00	2.00E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	7	L11726-0611/28/2006		Co-58	1.00E+00	1.40E+01	4.90E+01
SE	7	L11726-0611/28/2006		Co-60	1.00E+01	1.10E+01	3.70E+01
SE	7	L11726-0611/28/2006		Cr-51	-7.00E+01	1.50E+02	5.50E+02
SE	7	L11726-0611/28/2006		Cs-134	1.80E+00	7.70E+00	2.90E+01
SE	7	L11726-0611/28/2006		Cs-137	7.60E+00	8.70E+00	3.00E+01
SE	7	L11726-0611/28/2006		Fe-59	-2.80E+01	3.90E+01	1.40E+02
SE	7	L11726-0611/28/2006		I-131	1.70E+02	1.80E+02	6.20E+02
SE	7	L11726-0611/28/2006		K-40	1.65E+04	5.10E+02	4.40E+02 *
SE	7	L11726-0611/28/2006		La-140	-1.00E+02	1.10E+02	4.00E+02
SE	7	L11726-0611/28/2006		Mn-54	1.60E+01	1.20E+01	3.80E+01
SE	7	L11726-0611/28/2006		Nb-95	-3.00E+00	2.10E+01	7.30E+01
SE	7	L11726-0611/28/2006		Ru-103	2.00E+01	1.40E+01	4.70E+01
SE	7	L11726-0611/28/2006		Ru-106	-7.60E+01	8.30E+01	3.10E+02
SE	7	L11726-0611/28/2006		Sb-124	0.00E+00	2.60E+01	1.00E+02
SE	7	L11726-0611/28/2006		Sb-125	2.40E+01	2.30E+01	7.80E+01
SE	7	L11726-0611/28/2006		Se-75	3.00E+00	1.20E+01	4.00E+01
SE	7	L11726-0611/28/2006		Zn-65	-4.80E+01	6.00E+01	2.10E+02
SE	7	L11726-0611/28/2006		Zr-95	5.00E+00	2.10E+01	9.00E+01
SE	8	L10919-07 5/22/2006		AcTh-228	2.54E+02	6.10E+01	2.20E+02 *
SE	8	L10919-07 5/22/2006		Ag-108m	-2.10E+01	1.10E+01	4.40E+01
SE	8	L10919-07 5/22/2006		Ag-110m	5.00E+00	1.80E+01	6.70E+01
SE	8	L10919-07 5/22/2006		Ba-140	-1.70E+02	1.20E+02	4.70E+02
SE	8	L10919-07 5/22/2006		Be-7	1.80E+02	1.20E+02	3.80E+02
SE	8	L10919-07 5/22/2006		Ce-141	7.00E+00	1.90E+01	6.80E+01
SE	8	L10919-07 5/22/2006		Ce-144	-7.20E+01	5.90E+01	2.20E+02
SE	8	L10919-07 5/22/2006		Co-57	1.00E+00	7.60E+00	2.70E+01
SE	8	L10919-07 5/22/2006		Co-58	-2.60E+01	1.70E+01	6.70E+01
SE	8	L10919-07 5/22/2006		Co-60	7.00E+00	1.60E+01	5.80E+01
SE	8	L10919-07 5/22/2006		Cr-51	6.00E+01	1.40E+02	4.90E+02
SE	8	L10919-07 5/22/2006		Cs-134	1.90E+01	1.10E+01	3.70E+01
SE	8	L10919-07 5/22/2006		Cs-137	1.10E+01	1.30E+01	4.60E+01
SE	8	L10919-07 5/22/2006		Fe-59	-6.00E+00	4.60E+01	1.70E+02
SE	8	L10919-07 5/22/2006		I-131	2.90E+01	6.40E+01	2.30E+02
SE	8	L10919-07 5/22/2006		K-40	1.79E+04	7.30E+02	5.70E+02 *
SE	8	L10919-07 5/22/2006		La-140	-1.70E+01	6.00E+01	2.20E+02
SE	8	L10919-07 5/22/2006		Mn-54	-2.00E+00	1.50E+01	5.60E+01
SE	8	L10919-07 5/22/2006		Nb-95	-5.00E+00	2.00E+01	7.60E+01
SE	8	L10919-07 5/22/2006		Ru-103	-2.70E+01	1.50E+01	6.20E+01
SE	8	L10919-07 5/22/2006		Ru-106	1.40E+02	1.10E+02	3.70E+02
SE	8	L10919-07 5/22/2006		Sb-124	2.70E+01	2.00E+01	6.60E+01
SE	8	L10919-07 5/22/2006		Sb-125	-8.00E+00	3.60E+01	1.30E+02
SE	8	L10919-07 5/22/2006		Se-75	1.10E+01	1.50E+01	5.20E+01
SE	8	L10919-07 5/22/2006		Zn-65	-1.00E+01	4.30E+01	1.60E+02
SE	8	L10919-07 5/22/2006		Zr-95	-4.80E+01	2.40E+01	1.30E+02
SE	8	L10919-08 5/22/2006		AcTh-228	3.37E+02	6.50E+01	2.20E+02 *
SE	8	L10919-08 5/22/2006		Ag-108m	-4.10E+00	9.50E+00	3.60E+01
SE	8	L10919-08 5/22/2006		Ag-110m	-1.60E+01	2.00E+01	7.80E+01
SE	8	L10919-08 5/22/2006		Ba-140	7.00E+01	1.30E+02	4.60E+02
SE	8	L10919-08 5/22/2006		Be-7	2.30E+02	1.40E+02	4.60E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	8	L10919-08	5/22/2006	Ce-141	7.30E+01	2.70E+01	8.60E+01
SE	8	L10919-08	5/22/2006	Ce-144	-2.20E+01	8.30E+01	2.90E+02
SE	8	L10919-08	5/22/2006	Co-57	1.00E+00	1.00E+01	3.50E+01
SE	8	L10919-08	5/22/2006	Co-58	-1.40E+01	1.80E+01	6.80E+01
SE	8	L10919-08	5/22/2006	Co-60	6.00E+00	1.40E+01	5.30E+01
SE	8	L10919-08	5/22/2006	Cr-51	-2.50E+02	1.70E+02	6.40E+02
SE	8	L10919-08	5/22/2006	Cs-134	2.00E+00	2.00E+01	6.90E+01
SE	8	L10919-08	5/22/2006	Cs-137	5.00E+00	1.70E+01	6.00E+01
SE	8	L10919-08	5/22/2006	Fe-59	1.90E+01	4.40E+01	1.60E+02
SE	8	L10919-08	5/22/2006	I-131	1.60E+01	7.80E+01	2.80E+02
SE	8	L10919-08	5/22/2006	K-40	1.91E+04	7.70E+02	5.50E+02 *
SE	8	L10919-08	5/22/2006	La-140	9.00E+00	7.60E+01	2.70E+02
SE	8	L10919-08	5/22/2006	Mn-54	2.00E+00	1.40E+01	5.10E+01
SE	8	L10919-08	5/22/2006	Nb-95	5.00E+00	2.00E+01	7.30E+01
SE	8	L10919-08	5/22/2006	Ru-103	-4.00E+00	1.60E+01	5.90E+01
SE	8	L10919-08	5/22/2006	Ru-106	-1.10E+02	1.30E+02	5.10E+02
SE	8	L10919-08	5/22/2006	Sb-124	1.90E+01	2.60E+01	1.00E+02
SE	8	L10919-08	5/22/2006	Sb-125	7.50E+01	3.60E+01	1.10E+02
SE	8	L10919-08	5/22/2006	Se-75	-2.00E+00	1.60E+01	5.70E+01
SE	8	L10919-08	5/22/2006	Zn-65	-5.00E+00	4.40E+01	1.60E+02
SE	8	L10919-08	5/22/2006	Zr-95	-4.00E+01	2.50E+01	1.20E+02
SE	8	L10919-09	5/22/2006	AcTh-228	2.51E+02	4.90E+01	1.90E+02 *
SE	8	L10919-09	5/22/2006	Ag-108m	8.90E+00	9.70E+00	3.30E+01
SE	8	L10919-09	5/22/2006	Ag-110m	6.00E+00	1.50E+01	5.40E+01
SE	8	L10919-09	5/22/2006	Ba-140	1.10E+02	1.20E+02	4.10E+02
SE	8	L10919-09	5/22/2006	Be-7	7.00E+01	1.00E+02	3.60E+02
SE	8	L10919-09	5/22/2006	Ce-141	-2.50E+01	2.50E+01	8.90E+01
SE	8	L10919-09	5/22/2006	Ce-144	-9.00E+00	7.00E+01	2.40E+02
SE	8	L10919-09	5/22/2006	Co-57	-1.26E+01	9.50E+00	3.40E+01
SE	8	L10919-09	5/22/2006	Co-58	-5.00E+00	1.40E+01	5.20E+01
SE	8	L10919-09	5/22/2006	Co-60	1.10E+01	1.30E+01	4.70E+01
SE	8	L10919-09	5/22/2006	Cr-51	-1.50E+02	1.40E+02	5.20E+02
SE	8	L10919-09	5/22/2006	Cs-134	9.00E+00	1.10E+01	3.80E+01
SE	8	L10919-09	5/22/2006	Cs-137	0.00E+00	1.20E+01	4.20E+01
SE	8	L10919-09	5/22/2006	Fe-59	2.50E+01	4.10E+01	1.40E+02
SE	8	L10919-09	5/22/2006	I-131	4.20E+01	6.50E+01	2.20E+02
SE	8	L10919-09	5/22/2006	K-40	1.85E+04	6.00E+02	4.90E+02 *
SE	8	L10919-09	5/22/2006	La-140	3.90E+01	5.50E+01	1.90E+02
SE	8	L10919-09	5/22/2006	Mn-54	7.00E+00	1.30E+01	4.40E+01
SE	8	L10919-09	5/22/2006	Nb-95	-3.30E+01	1.90E+01	7.40E+01
SE	8	L10919-09	5/22/2006	Ru-103	-1.00E+01	1.50E+01	5.50E+01
SE	8	L10919-09	5/22/2006	Ru-106	7.00E+01	1.00E+02	3.50E+02
SE	8	L10919-09	5/22/2006	Sb-124	1.70E+01	1.50E+01	5.30E+01
SE	8	L10919-09	5/22/2006	Sb-125	9.00E+00	2.90E+01	1.00E+02
SE	8	L10919-09	5/22/2006	Se-75	1.00E+00	1.70E+01	5.80E+01
SE	8	L10919-09	5/22/2006	Zn-65	1.49E+02	6.20E+01	2.00E+02
SE	8	L10919-09	5/22/2006	Zr-95	1.50E+01	1.90E+01	8.10E+01
SE	8	L11726-0711/28/2006		AcTh-228	2.94E+02	4.00E+01	1.60E+02 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	8	L11726-0711/28/2006		Ag-108m	2.24E+01	8.20E+00	2.60E+01
SE	8	L11726-0711/28/2006		Ag-110m	-1.30E+01	1.90E+01	6.70E+01
SE	8	L11726-0711/28/2006		Ba-140	-5.00E+01	2.50E+02	8.80E+02
SE	8	L11726-0711/28/2006		Be-7	-1.30E+02	1.20E+02	4.50E+02
SE	8	L11726-0711/28/2006		Ce-141	-1.90E+01	2.80E+01	9.60E+01
SE	8	L11726-0711/28/2006		Ce-144	1.90E+01	6.10E+01	2.10E+02
SE	8	L11726-0711/28/2006		Co-57	7.10E+00	7.70E+00	2.60E+01
SE	8	L11726-0711/28/2006		Co-58	-7.00E+00	1.40E+01	5.20E+01
SE	8	L11726-0711/28/2006		Co-60	4.00E+00	1.10E+01	3.90E+01
SE	8	L11726-0711/28/2006		Cr-51	-2.70E+02	1.90E+02	7.00E+02
SE	8	L11726-0711/28/2006		Cs-134	2.30E+01	3.90E+01	1.30E+02
SE	8	L11726-0711/28/2006		Cs-137	5.00E+00	1.20E+01	4.00E+01
SE	8	L11726-0711/28/2006		Fe-59	2.40E+01	4.90E+01	1.70E+02
SE	8	L11726-0711/28/2006		I-131	1.60E+02	2.30E+02	8.00E+02
SE	8	L11726-0711/28/2006		K-40	2.00E+04	5.60E+02	4.20E+02 *
SE	8	L11726-0711/28/2006		La-140	0.00E+00	1.30E+02	4.60E+02
SE	8	L11726-0711/28/2006		Mn-54	-1.00E+00	1.10E+01	3.90E+01
SE	8	L11726-0711/28/2006		Nb-95	5.00E+00	2.00E+01	7.10E+01
SE	8	L11726-0711/28/2006		Ru-103	7.00E+00	1.60E+01	5.50E+01
SE	8	L11726-0711/28/2006		Ru-106	-1.10E+02	1.00E+02	3.70E+02
SE	8	L11726-0711/28/2006		Sb-124	3.40E+01	2.00E+01	6.10E+01
SE	8	L11726-0711/28/2006		Sb-125	2.20E+01	2.60E+01	8.90E+01
SE	8	L11726-0711/28/2006		Se-75	8.00E+00	1.30E+01	4.30E+01
SE	8	L11726-0711/28/2006		Zn-65	-1.10E+01	3.10E+01	1.10E+02
SE	8	L11726-0711/28/2006		Zr-95	-3.70E+01	2.10E+01	9.10E+01
SE	8	L11726-0811/28/2006		AcTh-228	3.11E+02	3.20E+01	1.20E+02 *
SE	8	L11726-0811/28/2006		Ag-108m	1.30E+00	6.50E+00	2.20E+01
SE	8	L11726-0811/28/2006		Ag-110m	-7.00E+00	1.10E+01	4.00E+01
SE	8	L11726-0811/28/2006		Ba-140	-3.10E+02	2.10E+02	7.60E+02
SE	8	L11726-0811/28/2006		Be-7	-2.00E+02	9.80E+01	3.60E+02
SE	8	L11726-0811/28/2006		Ce-141	1.90E+01	2.50E+01	8.20E+01
SE	8	L11726-0811/28/2006		Ce-144	-2.80E+01	5.40E+01	1.90E+02
SE	8	L11726-0811/28/2006		Co-57	3.80E+00	6.70E+00	2.30E+01
SE	8	L11726-0811/28/2006		Co-58	1.10E+01	1.10E+01	3.60E+01
SE	8	L11726-0811/28/2006		Co-60	-6.80E+00	7.80E+00	2.90E+01
SE	8	L11726-0811/28/2006		Cr-51	-9.00E+01	1.50E+02	5.40E+02
SE	8	L11726-0811/28/2006		Cs-134	4.00E+00	1.60E+01	6.40E+01
SE	8	L11726-0811/28/2006		Cs-137	8.50E+00	8.00E+00	2.70E+01
SE	8	L11726-0811/28/2006		Fe-59	-2.10E+01	3.20E+01	1.10E+02
SE	8	L11726-0811/28/2006		I-131	7.00E+01	1.80E+02	6.30E+02
SE	8	L11726-0811/28/2006		K-40	1.95E+04	4.10E+02	2.80E+02 *
SE	8	L11726-0811/28/2006		La-140	-5.90E+01	9.70E+01	3.50E+02
SE	8	L11726-0811/28/2006		Mn-54	2.00E+00	8.90E+00	3.10E+01
SE	8	L11726-0811/28/2006		Nb-95	-2.00E+01	1.70E+01	6.10E+01
SE	8	L11726-0811/28/2006		Ru-103	4.00E+00	1.50E+01	5.00E+01
SE	8	L11726-0811/28/2006		Ru-106	9.20E+01	7.90E+01	2.60E+02
SE	8	L11726-0811/28/2006		Sb-124	3.00E+00	1.50E+01	5.70E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	8	L11726-0811/28/2006		Sb-125	-1.70E+01	2.10E+01	7.50E+01
SE	8	L11726-0811/28/2006		Se-75	-1.70E+01	1.20E+01	4.30E+01
SE	8	L11726-0811/28/2006		Zn-65	-1.00E+00	4.30E+01	1.50E+02
SE	8	L11726-0811/28/2006		Zr-95	-2.20E+01	1.70E+01	7.10E+01
SE	8	L11726-0911/28/2006		AcTh-228	2.74E+02	3.30E+01	1.20E+02 *
SE	8	L11726-0911/28/2006		Ag-108m	-8.50E+00	6.90E+00	2.50E+01
SE	8	L11726-0911/28/2006		Ag-110m	-5.00E+00	1.10E+01	4.10E+01
SE	8	L11726-0911/28/2006		Ba-140	3.00E+01	1.70E+02	6.00E+02
SE	8	L11726-0911/28/2006		Be-7	-1.89E+02	9.50E+01	3.50E+02
SE	8	L11726-0911/28/2006		Ce-141	-1.30E+01	2.50E+01	8.50E+01
SE	8	L11726-0911/28/2006		Ce-144	5.00E+01	5.50E+01	1.80E+02
SE	8	L11726-0911/28/2006		Co-57	-6.60E+00	6.70E+00	2.30E+01
SE	8	L11726-0911/28/2006		Co-58	-2.00E+00	1.00E+01	3.70E+01
SE	8	L11726-0911/28/2006		Co-60	-6.30E+00	8.20E+00	3.00E+01
SE	8	L11726-0911/28/2006		Cr-51	-2.80E+02	1.60E+02	5.80E+02
SE	8	L11726-0911/28/2006		Cs-134	-3.90E+01	2.60E+01	8.80E+01
SE	8	L11726-0911/28/2006		Cs-137	5.00E+00	7.80E+00	2.70E+01
SE	8	L11726-0911/28/2006		Fe-59	1.20E+01	2.80E+01	9.70E+01
SE	8	L11726-0911/28/2006		I-131	-2.20E+02	2.00E+02	7.00E+02
SE	8	L11726-0911/28/2006		K-40	1.91E+04	3.90E+02	2.80E+02 *
SE	8	L11726-0911/28/2006		La-140	-1.80E+01	9.90E+01	3.50E+02
SE	8	L11726-0911/28/2006		Mn-54	3.10E+00	8.00E+00	2.80E+01
SE	8	L11726-0911/28/2006		Nb-95	2.00E+00	1.60E+01	5.60E+01
SE	8	L11726-0911/28/2006		Ru-103	3.00E+00	1.10E+01	3.90E+01
SE	8	L11726-0911/28/2006		Ru-106	-7.30E+01	7.60E+01	2.70E+02
SE	8	L11726-0911/28/2006		Sb-124	1.10E+01	1.60E+01	5.80E+01
SE	8	L11726-0911/28/2006		Sb-125	-3.00E+00	2.10E+01	7.30E+01
SE	8	L11726-0911/28/2006		Se-75	-6.00E+00	1.20E+01	4.00E+01
SE	8	L11726-0911/28/2006		Zn-65	6.70E+01	3.80E+01	1.30E+02
SE	8	L11726-0911/28/2006		Zr-95	1.00E+00	1.60E+01	6.60E+01
SE	52	L10919-10 5/23/2006		AcTh-228	1.51E+03	7.50E+01	2.20E+02 *
SE	52	L10919-10 5/23/2006		Ag-108m	5.00E+00	1.50E+01	5.20E+01
SE	52	L10919-10 5/23/2006		Ag-110m	6.00E+00	1.80E+01	6.40E+01
SE	52	L10919-10 5/23/2006		Ba-140	2.00E+01	1.40E+02	4.90E+02
SE	52	L10919-10 5/23/2006		Be-7	2.00E+01	1.70E+02	5.90E+02
SE	52	L10919-10 5/23/2006		Ce-141	3.20E+01	4.10E+01	1.40E+02
SE	52	L10919-10 5/23/2006		Ce-144	-2.20E+02	2.30E+02	7.70E+02
SE	52	L10919-10 5/23/2006		Co-57	4.00E+00	1.60E+01	5.30E+01
SE	52	L10919-10 5/23/2006		Co-58	-2.60E+01	1.60E+01	6.20E+01
SE	52	L10919-10 5/23/2006		Co-60	-2.00E+00	1.40E+01	5.10E+01
SE	52	L10919-10 5/23/2006		Cr-51	7.00E+01	2.20E+02	7.50E+02
SE	52	L10919-10 5/23/2006		Cs-134	-1.30E+01	1.30E+01	4.80E+01
SE	52	L10919-10 5/23/2006		Cs-137	-3.40E+01	1.80E+01	6.70E+01
SE	52	L10919-10 5/23/2006		Fe-59	-5.70E+01	3.80E+01	1.40E+02
SE	52	L10919-10 5/23/2006		I-131	-1.04E+02	8.60E+01	3.10E+02
SE	52	L10919-10 5/23/2006		K-40	1.26E+04	5.10E+02	6.10E+02 *
SE	52	L10919-10 5/23/2006		La-140	6.00E+00	8.20E+01	2.90E+02
SE	52	L10919-10 5/23/2006		Mn-54	1.70E+01	1.60E+01	5.40E+01
SE	52	L10919-10 5/23/2006		Nb-95	4.00E+01	2.50E+01	8.30E+01
SE	52	L10919-10 5/23/2006		Ru-103	4.60E+01	2.00E+01	6.40E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	52	L10919-10	5/23/2006	Ru-106	9.00E+01	1.50E+02	5.10E+02
SE	52	L10919-10	5/23/2006	Sb-124	3.20E+01	3.00E+01	1.00E+02
SE	52	L10919-10	5/23/2006	Sb-125	-1.00E+00	4.50E+01	1.60E+02
SE	52	L10919-10	5/23/2006	Se-75	1.90E+01	2.30E+01	7.70E+01
SE	52	L10919-10	5/23/2006	Zn-65	3.00E+00	6.90E+01	2.40E+02
SE	52	L10919-10	5/23/2006	Zr-95	3.80E+01	3.30E+01	1.10E+02
SE	52	L10919-11	5/23/2006	AcTh-228	4.54E+02	6.40E+01	2.20E+02 *
SE	52	L10919-11	5/23/2006	Ag-108m	-1.50E+01	1.10E+01	4.20E+01
SE	52	L10919-11	5/23/2006	Ag-110m	-3.00E+00	1.80E+01	6.70E+01
SE	52	L10919-11	5/23/2006	Ba-140	-1.60E+02	1.50E+02	5.70E+02
SE	52	L10919-11	5/23/2006	Be-7	2.00E+02	1.30E+02	4.30E+02
SE	52	L10919-11	5/23/2006	Ce-141	1.50E+01	3.00E+01	1.00E+02
SE	52	L10919-11	5/23/2006	Ce-144	-3.00E+00	9.00E+01	3.10E+02
SE	52	L10919-11	5/23/2006	Co-57	8.00E+00	1.10E+01	3.70E+01
SE	52	L10919-11	5/23/2006	Co-58	-1.20E+01	1.40E+01	5.40E+01
SE	52	L10919-11	5/23/2006	Co-60	-2.10E+01	1.50E+01	6.20E+01
SE	52	L10919-11	5/23/2006	Cr-51	2.00E+01	1.80E+02	6.30E+02
SE	52	L10919-11	5/23/2006	Cs-134	-9.00E+00	1.20E+01	4.60E+01
SE	52	L10919-11	5/23/2006	Cs-137	6.00E+00	1.60E+01	5.60E+01
SE	52	L10919-11	5/23/2006	Fe-59	3.70E+01	3.80E+01	1.30E+02
SE	52	L10919-11	5/23/2006	I-131	-8.30E+01	7.00E+01	2.60E+02
SE	52	L10919-11	5/23/2006	K-40	1.44E+04	6.20E+02	5.60E+02 *
SE	52	L10919-11	5/23/2006	La-140	-4.80E+01	6.50E+01	2.40E+02
SE	52	L10919-11	5/23/2006	Mn-54	-1.50E+01	1.70E+01	6.20E+01
SE	52	L10919-11	5/23/2006	Nb-95	3.00E+00	1.90E+01	7.00E+01
SE	52	L10919-11	5/23/2006	Ru-103	2.80E+01	1.60E+01	5.30E+01
SE	52	L10919-11	5/23/2006	Ru-106	7.00E+01	1.20E+02	4.20E+02
SE	52	L10919-11	5/23/2006	Sb-124	0.00E+00	2.20E+01	9.40E+01
SE	52	L10919-11	5/23/2006	Sb-125	-3.50E+01	3.80E+01	1.40E+02
SE	52	L10919-11	5/23/2006	Se-75	3.70E+01	1.90E+01	6.20E+01
SE	52	L10919-11	5/23/2006	Zn-65	9.60E+01	6.30E+01	2.10E+02
SE	52	L10919-11	5/23/2006	Zr-95	-4.00E+00	2.20E+01	9.60E+01
SE	52	L10919-12	5/23/2006	AcTh-228	1.13E+03	7.20E+01	2.40E+02 *
SE	52	L10919-12	5/23/2006	Ag-108m	-6.00E+00	1.40E+01	5.10E+01
SE	52	L10919-12	5/23/2006	Ag-110m	3.00E+01	2.10E+01	6.90E+01
SE	52	L10919-12	5/23/2006	Ba-140	1.30E+02	1.50E+02	5.10E+02
SE	52	L10919-12	5/23/2006	Be-7	-8.00E+01	1.50E+02	5.60E+02
SE	52	L10919-12	5/23/2006	Ce-141	2.10E+01	3.00E+01	1.00E+02
SE	52	L10919-12	5/23/2006	Ce-144	-6.50E+01	8.80E+01	3.10E+02
SE	52	L10919-12	5/23/2006	Co-57	-1.20E+01	1.10E+01	3.90E+01
SE	52	L10919-12	5/23/2006	Co-58	-3.10E+01	1.90E+01	7.60E+01
SE	52	L10919-12	5/23/2006	Co-60	1.80E+01	1.90E+01	6.40E+01
SE	52	L10919-12	5/23/2006	Cr-51	-1.10E+02	1.80E+02	6.60E+02
SE	52	L10919-12	5/23/2006	Cs-134	-2.10E+01	1.50E+01	5.60E+01
SE	52	L10919-12	5/23/2006	Cs-137	4.40E+01	1.80E+01	5.70E+01
SE	52	L10919-12	5/23/2006	Fe-59	4.80E+01	4.70E+01	1.60E+02
SE	52	L10919-12	5/23/2006	I-131	3.50E+01	7.80E+01	2.70E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	52	L10919-12	5/23/2006	K-40	1.27E+04	6.40E+02	7.10E+02	*
SE	52	L10919-12	5/23/2006	La-140	6.60E+01	7.70E+01	2.60E+02	
SE	52	L10919-12	5/23/2006	Mn-54	1.60E+01	1.70E+01	6.00E+01	
SE	52	L10919-12	5/23/2006	Nb-95	-6.60E+01	2.70E+01	1.10E+02	
SE	52	L10919-12	5/23/2006	Ru-103	-2.30E+01	2.10E+01	7.70E+01	
SE	52	L10919-12	5/23/2006	Ru-106	-3.00E+01	1.40E+02	5.10E+02	
SE	52	L10919-12	5/23/2006	Sb-124	-9.00E+00	3.60E+01	1.50E+02	
SE	52	L10919-12	5/23/2006	Sb-125	2.80E+01	4.60E+01	1.60E+02	
SE	52	L10919-12	5/23/2006	Se-75	-1.60E+01	2.00E+01	7.10E+01	
SE	52	L10919-12	5/23/2006	Zn-65	1.47E+02	8.50E+01	2.80E+02	
SE	52	L10919-12	5/23/2006	Zr-95	5.50E+01	3.70E+01	1.20E+02	
SE	52	L11726-1011/20	20/2006	AcTh-228	3.09E+03	8.00E+01	2.10E+02	*
SE	52	L11726-1011/20	20/2006	Ag-108m	-3.80E+01	1.50E+01	5.40E+01	
SE	52	L11726-1011/20	20/2006	Ag-110m	2.40E+01	2.30E+01	7.90E+01	
SE	52	L11726-1011/20	20/2006	Ba-140	-1.00E+02	7.20E+02	2.50E+03	
SE	52	L11726-1011/20	20/2006	Be-7	-3.40E+02	2.40E+02	8.40E+02	
SE	52	L11726-1011/20	20/2006	Ce-141	8.40E+01	7.10E+01	2.30E+02	
SE	52	L11726-1011/20	20/2006	Ce-144	2.50E+02	1.30E+02	4.40E+02	
SE	52	L11726-1011/20	20/2006	Co-57	-8.00E+00	1.60E+01	5.50E+01	
SE	52	L11726-1011/20	20/2006	Co-58	-5.80E+01	2.10E+01	8.00E+01	
SE	52	L11726-1011/20	20/2006	Co-60	-3.10E+01	1.70E+01	6.40E+01	
SE	52	L11726-1011/20	20/2006	Cr-51	-3.50E+02	4.50E+02	1.50E+03	
SE	52	L11726-1011/20	20/2006	Cs-134	-3.00E+00	1.70E+01	5.80E+01	
SE	52	L11726-1011/20	20/2006	Cs-137	-2.10E+01	1.90E+01	6.60E+01	
SE	52	L11726-1011/20	20/2006	Fe-59	3.70E+01	5.50E+01	1.90E+02	
SE	52	L11726-1011/20	20/2006	I-131	-1.12E+03	8.50E+02	3.00E+03	
SE	52	L11726-1011/20	20/2006	K-40	1.21E+04	4.60E+02	6.00E+02	*
SE	52	L11726-1011/20	20/2006	La-140	4.00E+01	3.40E+02	1.20E+03	
SE	52	L11726-1011/20	20/2006	Mn-54	3.00E+00	2.00E+01	6.90E+01	
SE	52	L11726-1011/20	20/2006	Nb-95	-4.00E+01	6.30E+01	2.20E+02	
SE	52	L11726-1011/20	20/2006	Ru-103	0.00E+00	3.10E+01	1.10E+02	
SE	52	L11726-1011/20	20/2006	Ru-106	3.00E+01	1.60E+02	5.60E+02	
SE	52	L11726-1011/20	20/2006	Sb-124	0.00E+00	4.90E+01	1.80E+02	
SE	52	L11726-1011/20	20/2006	Sb-125	-2.00E+01	4.60E+01	1.60E+02	
SE	52	L11726-1011/20	20/2006	Se-75	-3.30E+01	3.00E+01	1.00E+02	
SE	52	L11726-1011/20	20/2006	Zn-65	-5.90E+01	8.60E+01	2.90E+02	
SE	52	L11726-1011/20	20/2006	Zr-95	3.60E+01	5.30E+01	1.80E+02	
SE	52	L11726-1111/20	20/2006	AcTh-228	1.90E+03	6.40E+01	2.30E+02	*
SE	52	L11726-1111/20	20/2006	Ag-108m	-6.00E+00	1.20E+01	4.40E+01	
SE	52	L11726-1111/20	20/2006	Ag-110m	1.30E+01	2.00E+01	7.00E+01	
SE	52	L11726-1111/20	20/2006	Ba-140	4.00E+01	5.30E+02	1.90E+03	
SE	52	L11726-1111/20	20/2006	Be-7	-3.70E+02	2.00E+02	7.30E+02	
SE	52	L11726-1111/20	20/2006	Ce-141	1.30E+01	5.60E+01	1.90E+02	
SE	52	L11726-1111/20	20/2006	Ce-144	6.30E+01	8.90E+01	3.00E+02	
SE	52	L11726-1111/20	20/2006	Co-57	-3.00E+00	1.10E+01	3.80E+01	
SE	52	L11726-1111/20	20/2006	Co-58	-2.40E+01	1.90E+01	7.20E+01	
SE	52	L11726-1111/20	20/2006	Co-60	1.00E+00	1.60E+01	5.80E+01	
SE	52	L11726-1111/20	20/2006	Cr-51	-2.00E+01	3.30E+02	1.10E+03	
SE	52	L11726-1111/20	20/2006	Cs-134	2.40E+01	1.40E+01	4.40E+01	
SE	52	L11726-1111/20	20/2006	Cs-137	-1.80E+01	1.40E+01	5.30E+01	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	52	L11726-1111/20/2006		Fe-59	5.00E+00	5.90E+01	2.10E+02
SE	52	L11726-1111/20/2006		I-131	-7.00E+01	6.50E+02	2.20E+03
SE	52	L11726-1111/20/2006		K-40	1.15E+04	4.70E+02	5.30E+02 *
SE	52	L11726-1111/20/2006		La-140	-2.60E+02	3.00E+02	1.10E+03
SE	52	L11726-1111/20/2006		Mn-54	3.40E+01	1.60E+01	5.10E+01
SE	52	L11726-1111/20/2006		Nb-95	-5.80E+01	4.20E+01	1.50E+02
SE	52	L11726-1111/20/2006		Ru-103	-1.70E+01	2.90E+01	1.00E+02
SE	52	L11726-1111/20/2006		Ru-106	1.60E+02	1.40E+02	4.70E+02
SE	52	L11726-1111/20/2006		Sb-124	1.02E+02	4.90E+01	1.60E+02
SE	52	L11726-1111/20/2006		Sb-125	1.70E+01	3.90E+01	1.50E+02
SE	52	L11726-1111/20/2006		Se-75	1.00E+01	2.20E+01	7.40E+01
SE	52	L11726-1111/20/2006		Zn-65	-1.70E+01	7.70E+01	2.60E+02
SE	52	L11726-1111/20/2006		Zr-95	7.00E+01	4.30E+01	1.40E+02
SE	52	L11726-1211/20/2006		AcTh-228	1.96E+03	7.10E+01	2.00E+02 *
SE	52	L11726-1211/20/2006		Ag-108m	6.00E+00	1.30E+01	4.50E+01
SE	52	L11726-1211/20/2006		Ag-110m	2.80E+01	2.00E+01	6.80E+01
SE	52	L11726-1211/20/2006		Ba-140	-2.50E+02	5.90E+02	2.10E+03
SE	52	L11726-1211/20/2006		Be-7	2.50E+02	1.90E+02	6.30E+02
SE	52	L11726-1211/20/2006		Ce-141	2.80E+01	6.00E+01	2.00E+02
SE	52	L11726-1211/20/2006		Ce-144	-1.40E+02	1.10E+02	3.70E+02
SE	52	L11726-1211/20/2006		Co-57	1.00E+00	1.40E+01	4.60E+01
SE	52	L11726-1211/20/2006		Co-58	-3.70E+01	2.00E+01	7.60E+01
SE	52	L11726-1211/20/2006		Co-60	2.30E+01	1.60E+01	5.10E+01
SE	52	L11726-1211/20/2006		Cr-51	1.10E+02	3.80E+02	1.30E+03
SE	52	L11726-1211/20/2006		Cs-134	-1.50E+01	1.50E+01	5.40E+01
SE	52	L11726-1211/20/2006		Cs-137	-2.60E+01	1.70E+01	6.20E+01
SE	52	L11726-1211/20/2006		Fe-59	2.20E+01	4.90E+01	1.70E+02
SE	52	L11726-1211/20/2006		I-131	-8.20E+02	7.30E+02	2.60E+03
SE	52	L11726-1211/20/2006		K-40	1.18E+04	4.80E+02	5.60E+02 *
SE	52	L11726-1211/20/2006		La-140	1.90E+02	3.20E+02	1.10E+03
SE	52	L11726-1211/20/2006		Mn-54	8.00E+00	1.60E+01	5.40E+01
SE	52	L11726-1211/20/2006		Nb-95	-5.30E+01	3.90E+01	1.40E+02
SE	52	L11726-1211/20/2006		Ru-103	8.00E+00	2.90E+01	1.00E+02
SE	52	L11726-1211/20/2006		Ru-106	3.80E+02	1.50E+02	4.90E+02
SE	52	L11726-1211/20/2006		Sb-124	-3.00E+01	4.80E+01	1.90E+02
SE	52	L11726-1211/20/2006		Sb-125	-3.00E+00	4.20E+01	1.40E+02
SE	52	L11726-1211/20/2006		Se-75	1.30E+01	2.30E+01	7.70E+01
SE	52	L11726-1211/20/2006		Zn-65	7.00E+01	7.70E+01	2.60E+02
SE	52	L11726-1211/20/2006		Zr-95	-4.00E+01	4.00E+01	1.50E+02
SE	57	L10919-13 5/22/2006		AcTh-228	3.44E+02	5.60E+01	2.30E+02 *
SE	57	L10919-13 5/22/2006		Ag-108m	1.60E+01	1.20E+01	3.80E+01
SE	57	L10919-13 5/22/2006		Ag-110m	6.00E+00	2.10E+01	7.70E+01
SE	57	L10919-13 5/22/2006		Ba-140	2.30E+02	1.30E+02	4.10E+02
SE	57	L10919-13 5/22/2006		Be-7	3.00E+02	1.40E+02	4.60E+02
SE	57	L10919-13 5/22/2006		Ce-141	1.90E+01	2.60E+01	8.70E+01
SE	57	L10919-13 5/22/2006		Ce-144	-1.03E+02	8.10E+01	2.90E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	57	L10919-13	5/22/2006	Co-57	-7.40E+00	9.90E+00	3.50E+01
SE	57	L10919-13	5/22/2006	Co-58	-2.00E+00	1.50E+01	5.80E+01
SE	57	L10919-13	5/22/2006	Co-60	2.00E+00	1.60E+01	5.90E+01
SE	57	L10919-13	5/22/2006	Cr-51	2.00E+01	1.70E+02	5.80E+02
SE	57	L10919-13	5/22/2006	Cs-134	8.00E+00	1.30E+01	4.70E+01
SE	57	L10919-13	5/22/2006	Cs-137	-4.00E+00	1.70E+01	6.20E+01
SE	57	L10919-13	5/22/2006	Fe-59	-2.50E+01	4.50E+01	1.70E+02
SE	57	L10919-13	5/22/2006	I-131	-1.20E+02	7.80E+01	3.00E+02
SE	57	L10919-13	5/22/2006	K-40	1.33E+04	6.50E+02	5.60E+02 *
SE	57	L10919-13	5/22/2006	La-140	1.28E+02	7.00E+01	2.20E+02
SE	57	L10919-13	5/22/2006	Mn-54	-4.00E+00	1.40E+01	5.20E+01
SE	57	L10919-13	5/22/2006	Nb-95	-1.40E+01	1.80E+01	7.00E+01
SE	57	L10919-13	5/22/2006	Ru-103	-1.10E+01	1.70E+01	6.40E+01
SE	57	L10919-13	5/22/2006	Ru-106	7.00E+01	1.20E+02	4.30E+02
SE	57	L10919-13	5/22/2006	Sb-124	0.00E+00	1.90E+01	8.70E+01
SE	57	L10919-13	5/22/2006	Sb-125	1.70E+01	3.60E+01	1.30E+02
SE	57	L10919-13	5/22/2006	Se-75	-1.00E+01	1.50E+01	5.50E+01
SE	57	L10919-13	5/22/2006	Zn-65	-3.20E+01	7.40E+01	2.60E+02
SE	57	L10919-13	5/22/2006	Zr-95	3.00E+00	2.20E+01	9.70E+01
SE	57	L10919-14	5/22/2006	AcTh-228	2.74E+02	5.70E+01	2.20E+02 *
SE	57	L10919-14	5/22/2006	Ag-108m	1.00E+00	8.90E+00	3.20E+01
SE	57	L10919-14	5/22/2006	Ag-110m	1.50E+01	1.50E+01	5.30E+01
SE	57	L10919-14	5/22/2006	Ba-140	1.00E+01	1.30E+02	4.50E+02
SE	57	L10919-14	5/22/2006	Be-7	2.00E+02	1.10E+02	3.40E+02
SE	57	L10919-14	5/22/2006	Ce-141	1.60E+01	2.50E+01	8.60E+01
SE	57	L10919-14	5/22/2006	Ce-144	7.90E+01	7.10E+01	2.40E+02
SE	57	L10919-14	5/22/2006	Co-57	-7.00E+00	9.40E+00	3.30E+01
SE	57	L10919-14	5/22/2006	Co-58	-2.60E+01	1.30E+01	5.30E+01
SE	57	L10919-14	5/22/2006	Co-60	2.30E+01	1.20E+01	3.90E+01
SE	57	L10919-14	5/22/2006	Cr-51	4.00E+01	1.50E+02	5.30E+02
SE	57	L10919-14	5/22/2006	Cs-134	1.20E+01	1.10E+01	3.70E+01
SE	57	L10919-14	5/22/2006	Cs-137	7.00E+00	1.10E+01	3.80E+01
SE	57	L10919-14	5/22/2006	Fe-59	-9.40E+01	3.70E+01	1.50E+02
SE	57	L10919-14	5/22/2006	I-131	-1.20E+01	5.60E+01	2.00E+02
SE	57	L10919-14	5/22/2006	K-40	1.68E+04	5.80E+02	4.50E+02 *
SE	57	L10919-14	5/22/2006	La-140	6.80E+01	5.50E+01	1.80E+02
SE	57	L10919-14	5/22/2006	Mn-54	-6.00E+00	1.20E+01	4.40E+01
SE	57	L10919-14	5/22/2006	Nb-95	-4.20E+01	1.60E+01	6.60E+01
SE	57	L10919-14	5/22/2006	Ru-103	-7.00E+00	1.60E+01	5.80E+01
SE	57	L10919-14	5/22/2006	Ru-106	2.12E+02	9.60E+01	3.00E+02
SE	57	L10919-14	5/22/2006	Sb-124	0.00E+00	1.40E+01	6.40E+01
SE	57	L10919-14	5/22/2006	Sb-125	-1.30E+01	3.20E+01	1.20E+02
SE	57	L10919-14	5/22/2006	Se-75	-1.50E+01	1.60E+01	5.80E+01
SE	57	L10919-14	5/22/2006	Zn-65	-4.90E+01	3.50E+01	1.30E+02
SE	57	L10919-14	5/22/2006	Zr-95	-2.40E+01	1.90E+01	9.10E+01
SE	57	L10919-15	5/22/2006	AcTh-228	1.24E+02	3.40E+01	1.30E+02 *
SE	57	L10919-15	5/22/2006	Ag-108m	5.40E+00	9.50E+00	3.30E+01
SE	57	L10919-15	5/22/2006	Ag-110m	-2.00E+01	1.40E+01	5.70E+01
SE	57	L10919-15	5/22/2006	Ba-140	1.30E+02	1.00E+02	3.50E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	57	L10919-15	5/22/2006	Be-7	4.00E+01	1.20E+02	4.00E+02
SE	57	L10919-15	5/22/2006	Ce-141	3.00E+00	2.50E+01	8.70E+01
SE	57	L10919-15	5/22/2006	Ce-144	9.20E+01	7.30E+01	2.40E+02
SE	57	L10919-15	5/22/2006	Co-57	-1.05E+01	9.60E+00	3.40E+01
SE	57	L10919-15	5/22/2006	Co-58	-9.00E+00	1.20E+01	4.50E+01
SE	57	L10919-15	5/22/2006	Co-60	2.00E+00	1.20E+01	4.40E+01
SE	57	L10919-15	5/22/2006	Cr-51	-5.00E+01	1.50E+02	5.50E+02
SE	57	L10919-15	5/22/2006	Cs-134	6.00E+00	1.10E+01	3.80E+01
SE	57	L10919-15	5/22/2006	Cs-137	-7.00E+00	1.20E+01	4.40E+01
SE	57	L10919-15	5/22/2006	Fe-59	0.00E+00	3.30E+01	1.20E+02
SE	57	L10919-15	5/22/2006	I-131	5.30E+01	6.80E+01	2.30E+02
SE	57	L10919-15	5/22/2006	K-40	1.52E+04	5.30E+02	3.40E+02 *
SE	57	L10919-15	5/22/2006	La-140	5.00E+01	5.20E+01	6.60E+02
SE	57	L10919-15	5/22/2006	Mn-54	7.00E+00	1.10E+01	4.00E+01
SE	57	L10919-15	5/22/2006	Nb-95	-3.00E+00	1.60E+01	5.80E+01
SE	57	L10919-15	5/22/2006	Ru-103	0.00E+00	1.20E+01	4.50E+01
SE	57	L10919-15	5/22/2006	Ru-106	9.10E+01	9.10E+01	3.10E+02
SE	57	L10919-15	5/22/2006	Sb-124	-2.00E+00	1.40E+01	6.10E+01
SE	57	L10919-15	5/22/2006	Sb-125	-2.70E+01	2.90E+01	1.10E+02
SE	57	L10919-15	5/22/2006	Se-75	4.00E+00	1.50E+01	5.10E+01
SE	57	L10919-15	5/22/2006	Zn-65	-2.30E+01	5.60E+01	1.90E+02
SE	57	L10919-15	5/22/2006	Zr-95	-5.00E+00	1.70E+01	6.70E+01
SE	57	L11726-1311/28/2006		AcTh-228	1.28E+03	4.70E+01	1.40E+02 *
SE	57	L11726-1311/28/2006		Ag-108m	4.30E+00	8.80E+00	3.00E+01
SE	57	L11726-1311/28/2006		Ag-110m	1.30E+01	1.40E+01	4.90E+01
SE	57	L11726-1311/28/2006		Ba-140	9.00E+01	2.90E+02	1.00E+03
SE	57	L11726-1311/28/2006		Be-7	-2.00E+01	1.30E+02	4.50E+02
SE	57	L11726-1311/28/2006		Ce-141	2.20E+01	3.80E+01	1.30E+02
SE	57	L11726-1311/28/2006		Ce-144	-7.80E+01	8.30E+01	2.80E+02
SE	57	L11726-1311/28/2006		Co-57	-2.60E+01	1.00E+01	3.60E+01
SE	57	L11726-1311/28/2006		Co-58	-2.80E+01	1.40E+01	5.20E+01
SE	57	L11726-1311/28/2006		Co-60	-1.00E+01	1.00E+01	3.90E+01
SE	57	L11726-1311/28/2006		Cr-51	3.00E+01	2.20E+02	7.40E+02
SE	57	L11726-1311/28/2006		Cs-134	-3.00E+00	9.80E+00	3.40E+01
SE	57	L11726-1311/28/2006		Cs-137	-2.00E+00	1.00E+01	3.60E+01
SE	57	L11726-1311/28/2006		Fe-59	8.00E+00	3.70E+01	1.30E+02
SE	57	L11726-1311/28/2006		I-131	-1.00E+01	2.70E+02	9.40E+02
SE	57	L11726-1311/28/2006		K-40	1.18E+04	3.60E+02	3.80E+02 *
SE	57	L11726-1311/28/2006		La-140	5.00E+01	1.40E+02	4.60E+02
SE	57	L11726-1311/28/2006		Mn-54	2.50E+01	1.10E+01	3.60E+01
SE	57	L11726-1311/28/2006		Nb-95	2.00E+00	3.30E+01	1.10E+02
SE	57	L11726-1311/28/2006		Ru-103	1.80E+01	1.90E+01	6.40E+01
SE	57	L11726-1311/28/2006		Ru-106	-6.00E+00	9.70E+01	3.40E+02
SE	57	L11726-1311/28/2006		Sb-124	-1.10E+01	2.30E+01	8.90E+01
SE	57	L11726-1311/28/2006		Sb-125	6.00E+01	2.80E+01	8.90E+01
SE	57	L11726-1311/28/2006		Se-75	-1.50E+01	1.80E+01	6.20E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	57	L11726-1311/28/2006	Zn-65	-2.00E+00	5.20E+01	1.80E+02	
SE	57	L11726-1311/28/2006	Zr-95	-4.00E+00	2.40E+01	9.60E+01	
SE	57	L11726-1411/28/2006	AcTh-228	5.17E+02	3.60E+01	1.30E+02 *	
SE	57	L11726-1411/28/2006	Ag-108m	5.40E+00	7.60E+00	2.60E+01	
SE	57	L11726-1411/28/2006	Ag-110m	-1.00E+00	1.10E+01	3.80E+01	
SE	57	L11726-1411/28/2006	Ba-140	1.80E+02	2.00E+02	6.80E+02	
SE	57	L11726-1411/28/2006	Be-7	-1.40E+02	1.10E+02	4.00E+02	
SE	57	L11726-1411/28/2006	Ce-141	2.70E+01	2.90E+01	9.70E+01	
SE	57	L11726-1411/28/2006	Ce-144	1.20E+01	6.40E+01	2.20E+02	
SE	57	L11726-1411/28/2006	Co-57	1.80E+00	7.90E+00	2.70E+01	
SE	57	L11726-1411/28/2006	Co-58	0.00E+00	1.10E+01	3.80E+01	
SE	57	L11726-1411/28/2006	Co-60	5.50E+00	7.40E+00	2.60E+01	
SE	57	L11726-1411/28/2006	Cr-51	8.00E+01	1.70E+02	5.70E+02	
SE	57	L11726-1411/28/2006	Cs-134	2.80E+01	2.90E+01	9.60E+01	
SE	57	L11726-1411/28/2006	Cs-137	-4.90E+00	8.50E+00	3.10E+01	
SE	57	L11726-1411/28/2006	Fe-59	1.90E+01	2.90E+01	1.00E+02	
SE	57	L11726-1411/28/2006	I-131	-3.10E+02	2.20E+02	7.90E+02	
SE	57	L11726-1411/28/2006	K-40	1.15E+04	3.30E+02	2.70E+02 *	
SE	57	L11726-1411/28/2006	La-140	1.30E+02	1.20E+02	3.90E+02	
SE	57	L11726-1411/28/2006	Mn-54	1.40E+00	7.70E+00	2.70E+01	
SE	57	L11726-1411/28/2006	Nb-95	1.50E+01	1.90E+01	6.30E+01	
SE	57	L11726-1411/28/2006	Ru-103	2.30E+01	1.30E+01	4.40E+01	
SE	57	L11726-1411/28/2006	Ru-106	1.80E+01	8.10E+01	2.80E+02	
SE	57	L11726-1411/28/2006	Sb-124	-2.20E+01	1.80E+01	7.60E+01	
SE	57	L11726-1411/28/2006	Sb-125	1.10E+01	2.20E+01	7.40E+01	
SE	57	L11726-1411/28/2006	Se-75	1.60E+01	1.20E+01	4.10E+01	
SE	57	L11726-1411/28/2006	Zn-65	-2.90E+01	3.90E+01	1.30E+02	
SE	57	L11726-1411/28/2006	Zr-95	0.00E+00	2.00E+01	6.90E+01	
SE	57	L11726-1511/28/2006	AcTh-228	4.31E+02	3.00E+01	9.80E+01 *	
SE	57	L11726-1511/28/2006	Ag-108m	-4.00E-01	6.00E+00	2.10E+01	
SE	57	L11726-1511/28/2006	Ag-110m	-1.40E+01	1.10E+01	4.00E+01	
SE	57	L11726-1511/28/2006	Ba-140	1.60E+02	3.30E+02	1.10E+03	
SE	57	L11726-1511/28/2006	Be-7	-9.50E+01	9.60E+01	3.40E+02	
SE	57	L11726-1511/28/2006	Ce-141	-4.60E+01	2.90E+01	1.00E+02	
SE	57	L11726-1511/28/2006	Ce-144	3.30E+01	5.20E+01	1.70E+02	
SE	57	L11726-1511/28/2006	Co-57	1.15E+01	6.70E+00	2.20E+01	
SE	57	L11726-1511/28/2006	Co-58	-1.20E+01	1.10E+01	3.90E+01	
SE	57	L11726-1511/28/2006	Co-60	7.00E-01	6.80E+00	2.40E+01	
SE	57	L11726-1511/28/2006	Cr-51	-2.00E+02	1.90E+02	6.50E+02	
SE	57	L11726-1511/28/2006	Cs-134	-3.00E+00	2.70E+01	9.10E+01	
SE	57	L11726-1511/28/2006	Cs-137	-2.00E-01	7.10E+00	2.50E+01	
SE	57	L11726-1511/28/2006	Fe-59	-1.00E+00	3.00E+01	1.00E+02	
SE	57	L11726-1511/28/2006	I-131	7.80E+02	4.20E+02	1.40E+03	
SE	57	L11726-1511/28/2006	K-40	1.20E+04	3.00E+02	2.70E+02 *	
SE	57	L11726-1511/28/2006	La-140	2.20E+02	1.50E+02	4.90E+02	
SE	57	L11726-1511/28/2006	Mn-54	1.54E+01	7.70E+00	2.50E+01	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	57	L11726-1511/28/2006		Nb-95	4.00E+00	2.60E+01	9.00E+01
SE	57	L11726-1511/28/2006		Ru-103	-1.70E+01	1.60E+01	5.60E+01
SE	57	L11726-1511/28/2006		Ru-106	3.30E+01	7.20E+01	2.50E+02
SE	57	L11726-1511/28/2006		Sb-124	0.00E+00	1.80E+01	6.60E+01
SE	57	L11726-1511/28/2006		Sb-125	-3.10E+01	1.90E+01	7.00E+01
SE	57	L11726-1511/28/2006		Se-75	-6.00E+00	1.20E+01	4.20E+01
SE	57	L11726-1511/28/2006		Zn-65	1.50E+01	3.50E+01	1.20E+02
SE	57	L11726-1511/28/2006		Zr-95	3.20E+01	2.10E+01	6.80E+01

- * Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
- + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	2	L11071-01	6/28/2006	AcTh-228	1.00E+01	4.60E+01	1.70E+02
TF	2	L11071-01	6/28/2006	Ag-108m	-3.40E+00	9.40E+00	3.70E+01
TF	2	L11071-01	6/28/2006	Ag-110m	-1.20E+01	1.30E+01	6.00E+01
TF	2	L11071-01	6/28/2006	Ba-140	0.00E+00	2.70E+01	1.20E+02
TF	2	L11071-01	6/28/2006	Be-7	1.30E+02	1.10E+02	3.70E+02
TF	2	L11071-01	6/28/2006	Ce-141	-3.10E+01	2.10E+01	8.10E+01
TF	2	L11071-01	6/28/2006	Ce-144	1.60E+01	5.90E+01	2.10E+02
TF	2	L11071-01	6/28/2006	Co-57	3.80E+00	6.40E+00	2.30E+01
TF	2	L11071-01	6/28/2006	Co-58	-1.40E+01	1.30E+01	5.70E+01
TF	2	L11071-01	6/28/2006	Co-60	1.90E+01	1.30E+01	4.40E+01
TF	2	L11071-01	6/28/2006	Cr-51	2.10E+02	1.50E+02	4.90E+02
TF	2	L11071-01	6/28/2006	Cs-134	1.10E+01	1.10E+01	3.90E+01
TF	2	L11071-01	6/28/2006	Cs-137	7.00E+00	1.20E+01	4.40E+01
TF	2	L11071-01	6/28/2006	Fe-59	-8.00E+00	2.40E+01	1.10E+02
TF	2	L11071-01	6/28/2006	I-131	5.60E+01	6.80E+01	2.40E+02
TF	2	L11071-01	6/28/2006	K-40	9.00E+02	2.50E+02	6.60E+02 *
TF	2	L11071-01	6/28/2006	La-140	0.00E+00	3.10E+01	1.40E+02
TF	2	L11071-01	6/28/2006	Mn-54	8.00E+00	1.10E+01	3.90E+01
TF	2	L11071-01	6/28/2006	Nb-95	-4.00E+00	1.60E+01	6.40E+01
TF	2	L11071-01	6/28/2006	Ru-103	-3.00E+00	1.40E+01	5.50E+01
TF	2	L11071-01	6/28/2006	Ru-106	-3.00E+01	1.00E+02	4.00E+02
TF	2	L11071-01	6/28/2006	Sb-124	0.00E+00	2.40E+01	1.10E+02
TF	2	L11071-01	6/28/2006	Sb-125	3.20E+01	2.80E+01	9.60E+01
TF	2	L11071-01	6/28/2006	Se-75	-1.60E+01	1.40E+01	5.50E+01
TF	2	L11071-01	6/28/2006	Zn-65	1.40E+01	2.40E+01	9.00E+01
TF	2	L11071-01	6/28/2006	Zr-95	-9.00E+00	2.20E+01	9.20E+01
TF	2	L11169-01	7/18/2006	AcTh-228	-4.40E+01	5.10E+01	2.10E+02
TF	2	L11169-01	7/18/2006	Ag-108m	-1.70E+00	9.20E+00	3.50E+01
TF	2	L11169-01	7/18/2006	Ag-110m	-8.00E+00	1.50E+01	6.30E+01
TF	2	L11169-01	7/18/2006	Ba-140	9.00E+00	1.60E+01	6.70E+01
TF	2	L11169-01	7/18/2006	Be-7	9.00E+01	1.20E+02	4.10E+02
TF	2	L11169-01	7/18/2006	Ce-141	-1.20E+01	1.70E+01	6.40E+01
TF	2	L11169-01	7/18/2006	Ce-144	-4.60E+01	5.10E+01	2.00E+02
TF	2	L11169-01	7/18/2006	Co-57	-2.60E+00	6.90E+00	2.50E+01
TF	2	L11169-01	7/18/2006	Co-58	1.80E+01	1.40E+01	4.60E+01
TF	2	L11169-01	7/18/2006	Co-60	1.00E+01	1.50E+01	5.40E+01
TF	2	L11169-01	7/18/2006	Cr-51	-7.00E+01	1.10E+02	4.40E+02
TF	2	L11169-01	7/18/2006	Cs-134	-2.00E+01	1.30E+01	5.60E+01
TF	2	L11169-01	7/18/2006	Cs-137	4.00E+00	1.10E+01	4.00E+01
TF	2	L11169-01	7/18/2006	Fe-59	0.00E+00	3.00E+01	1.20E+02
TF	2	L11169-01	7/18/2006	I-131	-3.20E+01	4.30E+01	1.70E+02
TF	2	L11169-01	7/18/2006	K-40	2.61E+03	3.50E+02	6.10E+02 *
TF	2	L11169-01	7/18/2006	La-140	1.10E+01	1.80E+01	7.80E+01
TF	2	L11169-01	7/18/2006	Mn-54	1.60E+01	1.10E+01	3.70E+01
TF	2	L11169-01	7/18/2006	Nb-95	9.00E+00	1.20E+01	4.50E+01
TF	2	L11169-01	7/18/2006	Ru-103	1.50E+01	1.30E+01	4.30E+01
TF	2	L11169-01	7/18/2006	Ru-106	-6.00E+01	1.10E+02	4.30E+02
TF	2	L11169-01	7/18/2006	Sb-124	4.40E+01	3.40E+01	1.20E+02
TF	2	L11169-01	7/18/2006	Sb-125	-2.50E+01	3.10E+01	1.20E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	2	L11169-01	7/18/2006	Se-75	7.00E+00	1.30E+01	4.50E+01
TF	2	L11169-01	7/18/2006	Zn-65	2.60E+01	2.10E+01	7.00E+01
TF	2	L11169-01	7/18/2006	Zr-95	5.80E+01	2.20E+01	6.00E+01
TF	2	L11309-01	8/22/2006	AcTh-228	-4.30E+01	3.40E+01	1.40E+02
TF	2	L11309-01	8/22/2006	Ag-108m	-6.90E+00	6.20E+00	2.50E+01
TF	2	L11309-01	8/22/2006	Ag-110m	-5.00E+00	1.20E+01	4.70E+01
TF	2	L11309-01	8/22/2006	Ba-140	-4.00E+00	1.20E+01	5.20E+01
TF	2	L11309-01	8/22/2006	Be-7	5.10E+01	6.90E+01	2.40E+02
TF	2	L11309-01	8/22/2006	Ce-141	4.00E+00	1.10E+01	3.90E+01
TF	2	L11309-01	8/22/2006	Ce-144	-1.30E+01	3.70E+01	1.30E+02
TF	2	L11309-01	8/22/2006	Co-57	3.30E+00	5.00E+00	1.70E+01
TF	2	L11309-01	8/22/2006	Co-58	-1.27E+01	8.10E+00	3.50E+01
TF	2	L11309-01	8/22/2006	Co-60	-1.50E+01	1.30E+01	5.20E+01
TF	2	L11309-01	8/22/2006	Cr-51	-1.70E+01	7.10E+01	2.60E+02
TF	2	L11309-01	8/22/2006	Cs-134	6.30E+00	7.70E+00	2.80E+01
TF	2	L11309-01	8/22/2006	Cs-137	-1.10E+01	8.00E+00	3.40E+01
TF	2	L11309-01	8/22/2006	Fe-59	-1.60E+01	2.20E+01	8.80E+01
TF	2	L11309-01	8/22/2006	I-131	-6.00E+00	1.40E+01	5.30E+01
TF	2	L11309-01	8/22/2006	K-40	2.36E+03	2.60E+02	3.80E+02 *
TF	2	L11309-01	8/22/2006	La-140	-5.00E+00	1.40E+01	6.00E+01
TF	2	L11309-01	8/22/2006	Mn-54	4.60E+00	8.40E+00	3.00E+01
TF	2	L11309-01	8/22/2006	Nb-95	4.00E-01	9.40E+00	3.50E+01
TF	2	L11309-01	8/22/2006	Ru-103	-1.14E+01	8.70E+00	3.50E+01
TF	2	L11309-01	8/22/2006	Ru-106	1.47E+02	8.60E+01	2.80E+02
TF	2	L11309-01	8/22/2006	Sb-124	-2.60E+01	2.30E+01	1.00E+02
TF	2	L11309-01	8/22/2006	Sb-125	0.00E+00	1.90E+01	7.20E+01
TF	2	L11309-01	8/22/2006	Se-75	-7.70E+00	8.10E+00	3.10E+01
TF	2	L11309-01	8/22/2006	Zn-65	-3.70E+01	2.20E+01	9.40E+01
TF	2	L11309-01	8/22/2006	Zr-95	3.30E+01	1.70E+01	5.20E+01
TF	3	L11071-02	6/28/2006	AcTh-228	0.00E+00	3.60E+01	1.40E+02
TF	3	L11071-02	6/28/2006	Ag-108m	-7.90E+00	9.10E+00	3.50E+01
TF	3	L11071-02	6/28/2006	Ag-110m	9.00E+00	1.30E+01	4.80E+01
TF	3	L11071-02	6/28/2006	Ba-140	-9.00E+00	2.80E+01	1.20E+02
TF	3	L11071-02	6/28/2006	Be-7	2.00E+01	1.10E+02	3.90E+02
TF	3	L11071-02	6/28/2006	Ce-141	-2.00E+00	2.10E+01	7.40E+01
TF	3	L11071-02	6/28/2006	Ce-144	-1.00E+00	4.70E+01	1.70E+02
TF	3	L11071-02	6/28/2006	Co-57	1.30E+00	6.80E+00	2.40E+01
TF	3	L11071-02	6/28/2006	Co-58	-1.39E+01	8.10E+00	3.90E+01
TF	3	L11071-02	6/28/2006	Co-60	-1.75E+01	9.30E+00	4.40E+01
TF	3	L11071-02	6/28/2006	Cr-51	-2.00E+01	1.20E+02	4.40E+02
TF	3	L11071-02	6/28/2006	Cs-134	-1.10E+01	1.00E+01	4.30E+01
TF	3	L11071-02	6/28/2006	Cs-137	1.60E+01	1.00E+01	3.40E+01
TF	3	L11071-02	6/28/2006	Fe-59	-9.00E+00	1.90E+01	8.20E+01
TF	3	L11071-02	6/28/2006	I-131	-1.70E+01	5.20E+01	2.00E+02
TF	3	L11071-02	6/28/2006	K-40	6.80E+02	1.80E+02	4.80E+02 *
TF	3	L11071-02	6/28/2006	La-140	-1.10E+01	3.20E+01	1.40E+02
TF	3	L11071-02	6/28/2006	Mn-54	-1.60E+01	9.80E+00	4.30E+01
TF	3	L11071-02	6/28/2006	Nb-95	-2.00E+00	1.40E+01	5.40E+01
TF	3	L11071-02	6/28/2006	Ru-103	-2.30E+01	1.20E+01	5.20E+01
TF	3	L11071-02	6/28/2006	Ru-106	6.80E+01	9.20E+01	3.30E+02
TF	3	L11071-02	6/28/2006	Sb-124	0.00E+00	2.10E+01	9.10E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	3	L11071-02	6/28/2006	Sb-125	-2.40E+01	2.50E+01	9.90E+01
TF	3	L11071-02	6/28/2006	Se-75	-1.30E+01	1.10E+01	4.50E+01
TF	3	L11071-02	6/28/2006	Zn-65	-9.00E+00	1.90E+01	8.00E+01
TF	3	L11071-02	6/28/2006	Zr-95	4.00E+00	2.30E+01	8.70E+01
TF	3	L11169-02	7/18/2006	AcTh-228	1.00E+00	4.30E+01	1.70E+02
TF	3	L11169-02	7/18/2006	Ag-108m	1.70E+00	7.30E+00	2.80E+01
TF	3	L11169-02	7/18/2006	Ag-110m	1.50E+01	1.40E+01	5.00E+01
TF	3	L11169-02	7/18/2006	Ba-140	1.10E+01	2.40E+01	9.80E+01
TF	3	L11169-02	7/18/2006	Be-7	2.00E+01	1.00E+02	3.90E+02
TF	3	L11169-02	7/18/2006	Ce-141	-1.10E+01	1.30E+01	5.10E+01
TF	3	L11169-02	7/18/2006	Ce-144	-3.50E+01	3.70E+01	1.50E+02
TF	3	L11169-02	7/18/2006	Co-57	-7.10E+00	4.80E+00	2.00E+01
TF	3	L11169-02	7/18/2006	Co-58	-2.80E+01	1.40E+01	6.50E+01
TF	3	L11169-02	7/18/2006	Co-60	-7.00E+00	1.50E+01	6.20E+01
TF	3	L11169-02	7/18/2006	Cr-51	-1.00E+01	1.00E+02	3.80E+02
TF	3	L11169-02	7/18/2006	Cs-134	6.00E+00	1.30E+01	4.80E+01
TF	3	L11169-02	7/18/2006	Cs-137	8.00E+00	1.10E+01	3.90E+01
TF	3	L11169-02	7/18/2006	Fe-59	-1.60E+01	2.20E+01	1.00E+02
TF	3	L11169-02	7/18/2006	I-131	1.60E+01	2.60E+01	9.40E+01
TF	3	L11169-02	7/18/2006	K-40	1.98E+03	3.30E+02	6.70E+02 *
TF	3	L11169-02	7/18/2006	La-140	1.20E+01	2.70E+01	1.10E+02
TF	3	L11169-02	7/18/2006	Mn-54	0.00E+00	1.20E+01	4.70E+01
TF	3	L11169-02	7/18/2006	Nb-95	-2.00E+01	1.50E+01	6.60E+01
TF	3	L11169-02	7/18/2006	Ru-103	1.50E+01	1.10E+01	3.60E+01
TF	3	L11169-02	7/18/2006	Ru-106	1.53E+02	9.50E+01	3.10E+02
TF	3	L11169-02	7/18/2006	Sb-124	1.30E+01	2.20E+01	9.30E+01
TF	3	L11169-02	7/18/2006	Sb-125	-5.70E+01	2.10E+01	1.00E+02
TF	3	L11169-02	7/18/2006	Se-75	9.70E+00	9.40E+00	3.20E+01
TF	3	L11169-02	7/18/2006	Zn-65	-5.10E+01	2.60E+01	1.30E+02
TF	3	L11169-02	7/18/2006	Zr-95	-1.70E+01	2.00E+01	8.80E+01
TF	3	L11309-02	8/22/2006	AcTh-228	-2.00E+01	3.10E+01	1.20E+02
TF	3	L11309-02	8/22/2006	Ag-108m	1.22E+01	6.50E+00	2.10E+01
TF	3	L11309-02	8/22/2006	Ag-110m	4.00E+00	1.30E+01	4.60E+01
TF	3	L11309-02	8/22/2006	Ba-140	-4.00E+00	2.10E+01	8.20E+01
TF	3	L11309-02	8/22/2006	Be-7	0.00E+00	6.90E+01	2.50E+02
TF	3	L11309-02	8/22/2006	Ce-141	0.00E+00	1.30E+01	4.60E+01
TF	3	L11309-02	8/22/2006	Ce-144	3.90E+01	3.90E+01	1.30E+02
TF	3	L11309-02	8/22/2006	Co-57	6.00E-01	5.00E+00	1.80E+01
TF	3	L11309-02	8/22/2006	Co-58	-8.40E+00	7.60E+00	3.20E+01
TF	3	L11309-02	8/22/2006	Co-60	-8.30E+00	9.40E+00	3.80E+01
TF	3	L11309-02	8/22/2006	Cr-51	-3.60E+01	8.20E+01	3.00E+02
TF	3	L11309-02	8/22/2006	Cs-134	8.50E+00	7.90E+00	2.70E+01
TF	3	L11309-02	8/22/2006	Cs-137	-1.92E+01	9.90E+00	4.00E+01
TF	3	L11309-02	8/22/2006	Fe-59	2.90E+01	1.60E+01	5.10E+01
TF	3	L11309-02	8/22/2006	I-131	1.70E+01	2.30E+01	8.00E+01
TF	3	L11309-02	8/22/2006	K-40	2.36E+03	2.40E+02	4.40E+02 *
TF	3	L11309-02	8/22/2006	La-140	-5.00E+00	2.40E+01	9.50E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	3	L11309-02	8/22/2006	Mn-54	4.10E+00	9.40E+00	3.40E+01
TF	3	L11309-02	8/22/2006	Nb-95	-3.50E+00	9.80E+00	3.80E+01
TF	3	L11309-02	8/22/2006	Ru-103	1.30E+00	9.00E+00	3.30E+01
TF	3	L11309-02	8/22/2006	Ru-106	-9.30E+01	8.50E+01	3.30E+02
TF	3	L11309-02	8/22/2006	Sb-124	1.10E+01	1.80E+01	6.80E+01
TF	3	L11309-02	8/22/2006	Sb-125	1.60E+01	2.00E+01	6.80E+01
TF	3	L11309-02	8/22/2006	Se-75	-3.00E+00	1.00E+01	3.70E+01
TF	3	L11309-02	8/22/2006	Zn-65	3.00E+00	2.00E+01	7.30E+01
TF	3	L11309-02	8/22/2006	Zr-95	1.50E+01	1.30E+01	4.60E+01
TF	6	L11071-03	6/28/2006	AcTh-228	-3.60E+01	3.80E+01	1.90E+02
TF	6	L11071-03	6/28/2006	Ag-108m	-1.50E+01	1.00E+01	4.60E+01
TF	6	L11071-03	6/28/2006	Ag-110m	-4.50E+01	2.30E+01	1.10E+02
TF	6	L11071-03	6/28/2006	Ba-140	0.00E+00	3.80E+01	1.80E+02
TF	6	L11071-03	6/28/2006	Be-7	-1.50E+02	1.60E+02	6.60E+02
TF	6	L11071-03	6/28/2006	Ce-141	-1.50E+01	2.20E+01	8.70E+01
TF	6	L11071-03	6/28/2006	Ce-144	1.00E+01	6.10E+01	2.30E+02
TF	6	L11071-03	6/28/2006	Co-57	-4.00E-01	7.20E+00	2.70E+01
TF	6	L11071-03	6/28/2006	Co-58	2.90E+01	1.50E+01	4.50E+01
TF	6	L11071-03	6/28/2006	Co-60	1.47E+01	8.50E+00	1.30E+01
TF	6	L11071-03	6/28/2006	Cr-51	-1.20E+02	1.60E+02	6.30E+02
TF	6	L11071-03	6/28/2006	Cs-134	-9.00E+00	1.30E+01	5.90E+01
TF	6	L11071-03	6/28/2006	Cs-137	-1.00E+00	1.60E+01	6.30E+01
TF	6	L11071-03	6/28/2006	Fe-59	-2.30E+01	3.30E+01	1.50E+02
TF	6	L11071-03	6/28/2006	I-131	-3.20E+01	7.10E+01	2.90E+02
TF	6	L11071-03	6/28/2006	K-40	1.22E+03	3.40E+02	8.50E+02 *
TF	6	L11071-03	6/28/2006	La-140	0.00E+00	4.30E+01	2.00E+02
TF	6	L11071-03	6/28/2006	Mn-54	0.00E+00	1.50E+01	5.80E+01
TF	6	L11071-03	6/28/2006	Nb-95	2.00E+00	1.60E+01	6.60E+01
TF	6	L11071-03	6/28/2006	Ru-103	-2.40E+01	2.30E+01	9.30E+01
TF	6	L11071-03	6/28/2006	Ru-106	-2.00E+01	1.50E+02	5.70E+02
TF	6	L11071-03	6/28/2006	Sb-124	-3.40E+01	3.40E+01	1.80E+02
TF	6	L11071-03	6/28/2006	Sb-125	4.50E+01	3.30E+01	1.10E+02
TF	6	L11071-03	6/28/2006	Se-75	2.00E+01	1.60E+01	5.30E+01
TF	6	L11071-03	6/28/2006	Zn-65	0.00E+00	2.40E+01	1.10E+02
TF	6	L11071-03	6/28/2006	Zr-95	1.10E+01	2.00E+01	7.80E+01
TF	6	L11169-03	7/18/2006	AcTh-228	2.75E+01	2.82E+01	2.11E+02
TF	6	L11169-03	7/18/2006	Ag-108m	4.90E+00	5.60E+00	1.90E+01
TF	6	L11169-03	7/18/2006	Ag-110m	-4.10E+00	9.20E+00	3.50E+01
TF	6	L11169-03	7/18/2006	Ba-140	2.20E+01	1.90E+01	5.40E+01
TF	6	L11169-03	7/18/2006	Be-7	2.30E+01	6.50E+01	2.28E+02
TF	6	L11169-03	7/18/2006	Ce-141	1.30E+01	1.30E+01	4.30E+01
TF	6	L11169-03	7/18/2006	Ce-144	-1.10E+01	3.40E+01	1.20E+02
TF	6	L11169-03	7/18/2006	Co-57	-3.00E+00	4.70E+00	1.70E+01
TF	6	L11169-03	7/18/2006	Co-58	-1.00E+01	6.20E+00	2.60E+01
TF	6	L11169-03	7/18/2006	Co-60	1.90E+00	6.30E+00	2.30E+01
TF	6	L11169-03	7/18/2006	Cr-51	-1.58E+02	8.10E+01	3.09E+02
TF	6	L11169-03	7/18/2006	Cs-134	5.20E+00	6.90E+00	2.40E+01
TF	6	L11169-03	7/18/2006	Cs-137	-5.30E+00	7.10E+00	2.70E+01
TF	6	L11169-03	7/18/2006	Fe-59	-1.80E+01	1.40E+01	5.80E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	6	L11169-03	7/18/2006	I-131	-2.60E+01	3.50E+01	1.30E+02
TF	6	L11169-03	7/18/2006	K-40	7.04E+02	1.24E+02	2.96E+02 *
TF	6	L11169-03	7/18/2006	La-140	2.50E+01	1.90E+01	6.30E+01
TF	6	L11169-03	7/18/2006	Mn-54	-3.80E+00	6.80E+00	2.60E+01
TF	6	L11169-03	7/18/2006	Nb-95	5.00E+00	1.00E+01	3.50E+01
TF	6	L11169-03	7/18/2006	Ru-103	-8.00E+00	8.00E+00	3.10E+01
TF	6	L11169-03	7/18/2006	Ru-106	8.40E+01	6.50E+01	2.19E+02
TF	6	L11169-03	7/18/2006	Sb-124	-1.60E+01	1.70E+01	7.20E+01
TF	6	L11169-03	7/18/2006	Sb-125	4.40E+01	1.70E+01	5.20E+01
TF	6	L11169-03	7/18/2006	Se-75	2.90E+00	8.40E+00	2.90E+01
TF	6	L11169-03	7/18/2006	Zn-65	-1.90E+01	1.60E+01	6.40E+01
TF	6	L11169-03	7/18/2006	Zr-95	0.00E+00	1.30E+01	4.70E+01
TF	6	L11309-03	8/22/2006	AcTh-228	3.90E+01	3.90E+01	1.30E+02
TF	6	L11309-03	8/22/2006	Ag-108m	-3.70E+00	6.70E+00	2.50E+01
TF	6	L11309-03	8/22/2006	Ag-110m	-7.80E+00	9.00E+00	3.90E+01
TF	6	L11309-03	8/22/2006	Ba-140	0.00E+00	1.00E+01	4.80E+01
TF	6	L11309-03	8/22/2006	Be-7	-1.00E+01	6.80E+01	2.50E+02
TF	6	L11309-03	8/22/2006	Ce-141	-1.30E+01	1.10E+01	4.10E+01
TF	6	L11309-03	8/22/2006	Ce-144	-7.30E+01	2.50E+01	1.10E+02
TF	6	L11309-03	8/22/2006	Co-57	2.00E+00	3.70E+00	1.30E+01
TF	6	L11309-03	8/22/2006	Co-58	-1.10E+00	8.20E+00	3.20E+01
TF	6	L11309-03	8/22/2006	Co-60	-2.02E+01	9.40E+00	4.30E+01
TF	6	L11309-03	8/22/2006	Cr-51	3.30E+01	7.30E+01	2.60E+02
TF	6	L11309-03	8/22/2006	Cs-134	-3.00E-01	9.60E+00	3.60E+01
TF	6	L11309-03	8/22/2006	Cs-137	4.20E+00	8.10E+00	2.90E+01
TF	6	L11309-03	8/22/2006	Fe-59	-8.00E+00	1.70E+01	6.90E+01
TF	6	L11309-03	8/22/2006	I-131	2.40E+01	1.80E+01	6.00E+01
TF	6	L11309-03	8/22/2006	K-40	2.65E+03	2.70E+02	3.90E+02 *
TF	6	L11309-03	8/22/2006	La-140	0.00E+00	1.20E+01	5.50E+01
TF	6	L11309-03	8/22/2006	Mn-54	-6.10E+00	7.80E+00	3.20E+01
TF	6	L11309-03	8/22/2006	Nb-95	5.80E+00	9.30E+00	3.40E+01
TF	6	L11309-03	8/22/2006	Ru-103	-1.30E+00	7.90E+00	3.00E+01
TF	6	L11309-03	8/22/2006	Ru-106	-2.40E+01	7.30E+01	2.80E+02
TF	6	L11309-03	8/22/2006	Sb-124	0.00E+00	2.10E+01	8.80E+01
TF	6	L11309-03	8/22/2006	Sb-125	-3.00E+00	1.70E+01	6.60E+01
TF	6	L11309-03	8/22/2006	Se-75	2.60E+00	7.20E+00	2.60E+01
TF	6	L11309-03	8/22/2006	Zn-65	-2.70E+01	2.00E+01	8.40E+01
TF	6	L11309-03	8/22/2006	Zr-95	-8.00E+00	1.40E+01	5.70E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L10431-01	1/18/2006	AcTh-228	-2.20E+00	7.40E+00	2.90E+01
TM	9	L10431-01	1/18/2006	Ag-108m	-7.00E-01	1.50E+00	5.80E+00
TM	9	L10431-01	1/18/2006	Ag-110m	-5.90E+00	3.20E+00	1.40E+01
TM	9	L10431-01	1/18/2006	Ba-140	-4.00E-01	2.50E+00	1.10E+01
TM	9	L10431-01	1/18/2006	Be-7	1.70E+01	1.50E+01	5.10E+01
TM	9	L10431-01	1/18/2006	Ce-141	-2.60E+00	2.90E+00	1.00E+01
TM	9	L10431-01	1/18/2006	Ce-144	2.00E+00	1.10E+01	3.90E+01
TM	9	L10431-01	1/18/2006	Co-57	2.10E+00	1.50E+00	5.10E+00
TM	9	L10431-01	1/18/2006	Co-58	-1.00E+00	1.70E+00	7.00E+00
TM	9	L10431-01	1/18/2006	Co-60	1.50E+00	3.10E+00	1.10E+01
TM	9	L10431-01	1/18/2006	Cr-51	-4.00E+00	1.60E+01	5.90E+01
TM	9	L10431-01	1/18/2006	Cs-134	-5.00E-01	2.30E+00	8.80E+00
TM	9	L10431-01	1/18/2006	Cs-137	2.80E+00	2.00E+00	6.80E+00
TM	9	L10431-01	1/18/2006	Fe-59	-7.30E+00	5.60E+00	2.30E+01
TM	9	L10431-01	1/18/2006	I-131	-4.00E-02	1.20E-01	7.40E-01
TM	9	L10431-01	1/18/2006	I-131	2.20E+00	2.50E+00	8.90E+00
TM	9	L10431-01	1/18/2006	K-40	1.37E+03	9.00E+01	9.90E+01 *
TM	9	L10431-01	1/18/2006	La-140	-5.00E-01	2.90E+00	1.30E+01
TM	9	L10431-01	1/18/2006	Mn-54	-1.30E+00	2.10E+00	8.40E+00
TM	9	L10431-01	1/18/2006	Nb-95	3.40E+00	2.10E+00	6.90E+00
TM	9	L10431-01	1/18/2006	Ru-103	-1.50E+00	2.10E+00	8.00E+00
TM	9	L10431-01	1/18/2006	Ru-106	-3.00E+00	1.70E+01	6.50E+01
TM	9	L10431-01	1/18/2006	Sb-124	4.40E+00	2.50E+00	4.00E+00
TM	9	L10431-01	1/18/2006	Sb-125	8.40E+00	4.90E+00	1.60E+01
TM	9	L10431-01	1/18/2006	Se-75	-2.30E+00	2.00E+00	7.70E+00
TM	9	L10431-01	1/18/2006	Zn-65	-9.00E-01	5.00E+00	1.90E+01
TM	9	L10431-01	1/18/2006	Zr-95	2.20E+00	3.50E+00	1.30E+01
TM	9	L10533-01	2/15/2006	AcTh-228	4.90E+00	6.60E+00	2.30E+01
TM	9	L10533-01	2/15/2006	Ag-108m	-9.00E-01	1.30E+00	4.90E+00
TM	9	L10533-01	2/15/2006	Ag-110m	-3.00E-01	2.60E+00	9.30E+00
TM	9	L10533-01	2/15/2006	Ba-140	-5.80E+00	2.60E+00	1.10E+01
TM	9	L10533-01	2/15/2006	Be-7	-1.30E+01	1.30E+01	4.80E+01
TM	9	L10533-01	2/15/2006	Ce-141	1.40E+00	1.80E+00	6.20E+00
TM	9	L10533-01	2/15/2006	Ce-144	-6.30E+00	8.60E+00	3.00E+01
TM	9	L10533-01	2/15/2006	Co-57	-9.00E-01	1.00E+00	3.60E+00
TM	9	L10533-01	2/15/2006	Co-58	-2.90E+00	1.80E+00	7.00E+00
TM	9	L10533-01	2/15/2006	Co-60	4.80E+00	2.40E+00	7.70E+00
TM	9	L10533-01	2/15/2006	Cr-51	-2.20E+01	1.40E+01	5.10E+01
TM	9	L10533-01	2/15/2006	Cs-134	3.10E+00	1.90E+00	6.20E+00
TM	9	L10533-01	2/15/2006	Cs-137	-4.00E-01	1.80E+00	6.40E+00
TM	9	L10533-01	2/15/2006	Fe-59	-5.10E+00	4.30E+00	1.60E+01
TM	9	L10533-01	2/15/2006	I-131	1.40E+00	2.90E+00	9.90E+00
TM	9	L10533-01	2/15/2006	I-131	-4.00E-02	1.20E-01	7.90E-01
TM	9	L10533-01	2/15/2006	K-40	1.28E+03	6.30E+01	8.50E+01 *
TM	9	L10533-01	2/15/2006	La-140	-6.70E+00	2.90E+00	1.30E+01
TM	9	L10533-01	2/15/2006	Mn-54	-4.00E-01	1.90E+00	6.80E+00
TM	9	L10533-01	2/15/2006	Nb-95	0.00E+00	1.80E+00	6.40E+00
TM	9	L10533-01	2/15/2006	Ru-103	-1.80E+00	1.60E+00	5.90E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L10533-01	2/15/2006	Ru-106	-5.00E+00	1.60E+01	5.90E+01
TM	9	L10533-01	2/15/2006	Sb-124	0.00E+00	3.60E+00	1.40E+01
TM	9	L10533-01	2/15/2006	Sb-125	4.30E+00	4.40E+00	1.50E+01
TM	9	L10533-01	2/15/2006	Se-75	-3.60E+00	2.00E+00	7.10E+00
TM	9	L10533-01	2/15/2006	Zn-65	-1.40E+00	4.00E+00	1.50E+01
TM	9	L10533-01	2/15/2006	Zr-95	-9.00E-01	2.60E+00	9.80E+00
TM	9	L10610-01	3/15/2006	AcTh-228	2.40E+00	6.40E+00	2.20E+01
TM	9	L10610-01	3/15/2006	Ag-108m	-2.00E-01	1.20E+00	4.00E+00
TM	9	L10610-01	3/15/2006	Ag-110m	1.40E+00	2.20E+00	7.50E+00
TM	9	L10610-01	3/15/2006	Ba-140	-3.00E+00	1.80E+00	7.60E+00
TM	9	L10610-01	3/15/2006	Be-7	1.00E+01	1.20E+01	4.10E+01
TM	9	L10610-01	3/15/2006	Ce-141	3.00E+00	2.00E+00	6.50E+00
TM	9	L10610-01	3/15/2006	Ce-144	3.90E+00	7.40E+00	2.50E+01
TM	9	L10610-01	3/15/2006	Co-57	-9.70E-01	9.50E-01	3.30E+00
TM	9	L10610-01	3/15/2006	Co-58	-5.00E-01	1.40E+00	5.10E+00
TM	9	L10610-01	3/15/2006	Co-60	1.00E-01	2.00E+00	7.00E+00
TM	9	L10610-01	3/15/2006	Cr-51	-1.10E+01	1.30E+01	4.70E+01
TM	9	L10610-01	3/15/2006	Cs-134	-5.00E-01	1.50E+00	5.40E+00
TM	9	L10610-01	3/15/2006	Cs-137	2.30E+00	1.60E+00	5.20E+00
TM	9	L10610-01	3/15/2006	Fe-59	5.50E+00	3.40E+00	1.10E+01
TM	9	L10610-01	3/15/2006	I-131	-1.31E-01	2.00E-02	6.60E-01
TM	9	L10610-01	3/15/2006	I-131	1.20E+00	2.50E+00	8.60E+00
TM	9	L10610-01	3/15/2006	K-40	1.25E+03	5.60E+01	8.70E+01 *
TM	9	L10610-01	3/15/2006	La-140	-3.40E+00	2.10E+00	8.80E+00
TM	9	L10610-01	3/15/2006	Mn-54	-4.00E-01	1.50E+00	5.30E+00
TM	9	L10610-01	3/15/2006	Nb-95	-2.80E+00	1.60E+00	6.10E+00
TM	9	L10610-01	3/15/2006	Ru-103	-3.00E-01	1.50E+00	5.40E+00
TM	9	L10610-01	3/15/2006	Ru-106	-9.00E+00	1.40E+01	5.00E+01
TM	9	L10610-01	3/15/2006	Sb-124	-3.30E+00	3.50E+00	1.40E+01
TM	9	L10610-01	3/15/2006	Sb-125	5.10E+00	3.60E+00	1.20E+01
TM	9	L10610-01	3/15/2006	Se-75	6.00E-01	1.70E+00	5.70E+00
TM	9	L10610-01	3/15/2006	Zn-65	2.10E+00	3.60E+00	1.20E+01
TM	9	L10610-01	3/15/2006	Zr-95	-5.20E+00	2.50E+00	9.60E+00
TM	9	L10728-01	4/12/2006	AcTh-228	-2.70E+00	4.50E+00	1.60E+01
TM	9	L10728-01	4/12/2006	Ag-108m	-9.00E-01	1.00E+00	3.70E+00
TM	9	L10728-01	4/12/2006	Ag-110m	2.30E+00	1.60E+00	5.10E+00
TM	9	L10728-01	4/12/2006	Ba-140	-2.90E+00	1.70E+00	6.80E+00
TM	9	L10728-01	4/12/2006	Be-7	2.90E+00	9.10E+00	3.10E+01
TM	9	L10728-01	4/12/2006	Ce-141	9.00E-01	1.80E+00	6.10E+00
TM	9	L10728-01	4/12/2006	Ce-144	-1.49E+01	6.70E+00	2.40E+01
TM	9	L10728-01	4/12/2006	Co-57	8.30E-01	8.70E-01	2.90E+00
TM	9	L10728-01	4/12/2006	Co-58	5.00E-01	1.10E+00	3.90E+00
TM	9	L10728-01	4/12/2006	Co-60	1.40E+00	1.40E+00	4.70E+00
TM	9	L10728-01	4/12/2006	Cr-51	8.00E+00	1.10E+01	3.70E+01
TM	9	L10728-01	4/12/2006	Cs-134	1.00E-01	1.30E+00	4.60E+00
TM	9	L10728-01	4/12/2006	Cs-137	1.30E+00	1.30E+00	4.30E+00
TM	9	L10728-01	4/12/2006	Fe-59	-1.90E+00	2.80E+00	1.00E+01
TM	9	L10728-01	4/12/2006	I-131	-8.00E-01	2.20E+00	7.70E+00
TM	9	L10728-01	4/12/2006	I-131	2.30E-02	9.70E-02	5.40E-01
TM	9	L10728-01	4/12/2006	K-40	1.37E+03	4.60E+01	5.80E+01 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L10728-01	4/12/2006	La-140	-3.30E+00	2.00E+00	7.90E+00
TM	9	L10728-01	4/12/2006	Mn-54	1.10E+00	1.20E+00	4.10E+00
TM	9	L10728-01	4/12/2006	Nb-95	2.80E+00	1.30E+00	4.20E+00
TM	9	L10728-01	4/12/2006	Ru-103	-1.40E+00	1.20E+00	4.50E+00
TM	9	L10728-01	4/12/2006	Ru-106	2.30E+01	1.10E+01	3.40E+01
TM	9	L10728-01	4/12/2006	Sb-124	3.20E+00	3.20E+00	1.10E+01
TM	9	L10728-01	4/12/2006	Sb-125	-3.00E-01	3.20E+00	1.10E+01
TM	9	L10728-01	4/12/2006	Se-75	8.00E-01	1.30E+00	4.40E+00
TM	9	L10728-01	4/12/2006	Zn-65	-6.00E-01	3.10E+00	1.10E+01
TM	9	L10728-01	4/12/2006	Zr-95	-2.10E+00	2.00E+00	7.50E+00
TM	9	L10801-01	4/26/2006	AcTh-228	-1.19E+01	9.40E+00	3.60E+01
TM	9	L10801-01	4/26/2006	Ag-108m	3.00E-01	1.60E+00	5.70E+00
TM	9	L10801-01	4/26/2006	Ag-110m	-1.90E+00	2.80E+00	1.10E+01
TM	9	L10801-01	4/26/2006	Ba-140	-2.50E+00	3.20E+00	1.30E+01
TM	9	L10801-01	4/26/2006	Be-7	2.50E+01	1.60E+01	5.20E+01
TM	9	L10801-01	4/26/2006	Ce-141	-3.60E+00	2.70E+00	9.70E+00
TM	9	L10801-01	4/26/2006	Ce-144	9.40E+00	9.80E+00	3.30E+01
TM	9	L10801-01	4/26/2006	Co-57	-1.40E+00	1.30E+00	4.50E+00
TM	9	L10801-01	4/26/2006	Co-58	9.00E-01	1.80E+00	6.50E+00
TM	9	L10801-01	4/26/2006	Co-60	3.00E-01	3.00E+00	1.10E+01
TM	9	L10801-01	4/26/2006	Cr-51	3.00E+00	1.70E+01	6.00E+01
TM	9	L10801-01	4/26/2006	Cs-134	3.40E+00	2.20E+00	7.10E+00
TM	9	L10801-01	4/26/2006	Cs-137	1.60E+00	2.10E+00	7.30E+00
TM	9	L10801-01	4/26/2006	Fe-59	6.00E-01	5.00E+00	1.80E+01
TM	9	L10801-01	4/26/2006	I-131	1.30E+00	3.60E+00	1.20E+01
TM	9	L10801-01	4/26/2006	I-131	-1.26E-01	1.90E-02	4.50E-01
TM	9	L10801-01	4/26/2006	K-40	1.42E+03	7.90E+01	1.10E+02 *
TM	9	L10801-01	4/26/2006	La-140	-2.80E+00	3.60E+00	1.50E+01
TM	9	L10801-01	4/26/2006	Mn-54	-3.60E+00	2.10E+00	8.30E+00
TM	9	L10801-01	4/26/2006	Nb-95	8.00E-01	2.40E+00	8.30E+00
TM	9	L10801-01	4/26/2006	Ru-103	-3.20E+00	2.00E+00	7.70E+00
TM	9	L10801-01	4/26/2006	Ru-106	8.00E+00	1.80E+01	6.40E+01
TM	9	L10801-01	4/26/2006	Sb-124	2.10E+00	4.10E+00	1.50E+01
TM	9	L10801-01	4/26/2006	Sb-125	-5.00E-01	4.90E+00	1.80E+01
TM	9	L10801-01	4/26/2006	Se-75	-5.00E-01	2.30E+00	8.20E+00
TM	9	L10801-01	4/26/2006	Zn-65	5.20E+00	4.50E+00	1.50E+01
TM	9	L10801-01	4/26/2006	Zr-95	-3.30E+00	3.40E+00	1.30E+01
TM	9	L10858-01	5/10/2006	AcTh-228	1.21E+01	8.80E+00	2.90E+01
TM	9	L10858-01	5/10/2006	Ag-108m	-4.00E-01	1.30E+00	4.70E+00
TM	9	L10858-01	5/10/2006	Ag-110m	-7.00E-01	2.60E+00	9.40E+00
TM	9	L10858-01	5/10/2006	Ba-140	-6.20E+00	2.80E+00	1.20E+01
TM	9	L10858-01	5/10/2006	Be-7	-4.00E+00	1.40E+01	5.00E+01
TM	9	L10858-01	5/10/2006	Ce-141	-1.40E+00	2.00E+00	7.20E+00
TM	9	L10858-01	5/10/2006	Ce-144	-4.90E+00	7.10E+00	2.50E+01
TM	9	L10858-01	5/10/2006	Co-57	-1.05E+00	9.50E-01	3.40E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L10858-01	5/10/2006	Co-58	-1.50E+00	1.90E+00	7.20E+00
TM	9	L10858-01	5/10/2006	Co-60	-3.00E-01	2.10E+00	7.90E+00
TM	9	L10858-01	5/10/2006	Cr-51	-4.00E+00	1.30E+01	4.70E+01
TM	9	L10858-01	5/10/2006	Cs-134	-3.10E+00	2.00E+00	7.90E+00
TM	9	L10858-01	5/10/2006	Cs-137	-2.10E+00	1.70E+00	6.40E+00
TM	9	L10858-01	5/10/2006	Fe-59	-6.20E+00	4.40E+00	1.70E+01
TM	9	L10858-01	5/10/2006	I-131	-5.80E+00	2.50E+00	9.90E+00
TM	9	L10858-01	5/10/2006	I-131	2.00E-02	1.40E-01	7.70E-01
TM	9	L10858-01	5/10/2006	K-40	1.41E+03	7.20E+01	9.60E+01 *
TM	9	L10858-01	5/10/2006	La-140	-7.10E+00	3.20E+00	1.40E+01
TM	9	L10858-01	5/10/2006	Mn-54	-5.00E-01	1.80E+00	6.60E+00
TM	9	L10858-01	5/10/2006	Nb-95	1.50E+00	2.00E+00	6.90E+00
TM	9	L10858-01	5/10/2006	Ru-103	-3.00E-01	1.80E+00	6.30E+00
TM	9	L10858-01	5/10/2006	Ru-106	-6.00E+00	1.40E+01	5.10E+01
TM	9	L10858-01	5/10/2006	Sb-124	-4.30E+00	4.90E+00	2.00E+01
TM	9	L10858-01	5/10/2006	Sb-125	8.30E+00	4.50E+00	1.50E+01
TM	9	L10858-01	5/10/2006	Se-75	-9.00E-01	1.80E+00	6.20E+00
TM	9	L10858-01	5/10/2006	Zn-65	3.20E+00	4.30E+00	1.50E+01
TM	9	L10858-01	5/10/2006	Zr-95	-1.90E+00	3.10E+00	1.20E+01
TM	9	L10927-01	5/24/2006	AcTh-228	8.00E+00	8.40E+00	2.90E+01
TM	9	L10927-01	5/24/2006	Ag-108m	1.60E+00	1.70E+00	5.90E+00
TM	9	L10927-01	5/24/2006	Ag-110m	2.00E-01	3.10E+00	1.20E+01
TM	9	L10927-01	5/24/2006	Ba-140	0.00E+00	3.60E+00	1.40E+01
TM	9	L10927-01	5/24/2006	Be-7	-1.00E+01	1.70E+01	6.30E+01
TM	9	L10927-01	5/24/2006	Ce-141	-4.60E+00	2.50E+00	9.40E+00
TM	9	L10927-01	5/24/2006	Ce-144	-7.00E-01	8.90E+00	3.10E+01
TM	9	L10927-01	5/24/2006	Co-57	6.00E-01	1.10E+00	3.90E+00
TM	9	L10927-01	5/24/2006	Co-58	1.60E+00	2.10E+00	7.50E+00
TM	9	L10927-01	5/24/2006	Co-60	1.70E+00	3.20E+00	1.10E+01
TM	9	L10927-01	5/24/2006	Cr-51	2.00E+01	1.70E+01	5.60E+01
TM	9	L10927-01	5/24/2006	Cs-134	1.00E+00	2.30E+00	8.20E+00
TM	9	L10927-01	5/24/2006	Cs-137	-2.40E+00	2.10E+00	8.30E+00
TM	9	L10927-01	5/24/2006	Fe-59	5.70E+00	4.90E+00	1.70E+01
TM	9	L10927-01	5/24/2006	I-131	-4.00E-02	1.30E-01	8.20E-01
TM	9	L10927-01	5/24/2006	I-131	-2.00E+00	3.20E+00	1.20E+01
TM	9	L10927-01	5/24/2006	K-40	1.38E+03	8.90E+01	1.20E+02 *
TM	9	L10927-01	5/24/2006	La-140	0.00E+00	4.10E+00	1.60E+01
TM	9	L10927-01	5/24/2006	Mn-54	-1.40E+00	2.20E+00	8.60E+00
TM	9	L10927-01	5/24/2006	Nb-95	-2.70E+00	2.40E+00	9.50E+00
TM	9	L10927-01	5/24/2006	Ru-103	1.80E+00	2.00E+00	6.90E+00
TM	9	L10927-01	5/24/2006	Ru-106	1.50E+01	1.70E+01	6.00E+01
TM	9	L10927-01	5/24/2006	Sb-124	-1.30E+00	4.40E+00	1.90E+01
TM	9	L10927-01	5/24/2006	Sb-125	2.40E+00	5.20E+00	1.80E+01
TM	9	L10927-01	5/24/2006	Se-75	1.30E+00	2.10E+00	7.30E+00
TM	9	L10927-01	5/24/2006	Zn-65	-5.00E+00	5.20E+00	2.10E+01
TM	9	L10927-01	5/24/2006	Zr-95	9.60E+00	4.60E+00	1.50E+01
TM	9	L10982-01	6/7/2006	AcTh-228	1.51E+01	9.80E+00	3.20E+01
TM	9	L10982-01	6/7/2006	Ag-108m	2.30E+00	2.20E+00	7.40E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L10982-01	6/7/2006	Ag-110m	6.80E+00	3.30E+00	1.00E+01
TM	9	L10982-01	6/7/2006	Ba-140	-1.50E+00	3.50E+00	1.40E+01
TM	9	L10982-01	6/7/2006	Be-7	-3.00E+00	2.30E+01	8.30E+01
TM	9	L10982-01	6/7/2006	Ce-141	-3.50E+00	4.10E+00	1.50E+01
TM	9	L10982-01	6/7/2006	Ce-144	4.00E+00	1.30E+01	4.60E+01
TM	9	L10982-01	6/7/2006	Co-57	1.00E-01	1.80E+00	6.20E+00
TM	9	L10982-01	6/7/2006	Co-58	-4.00E-01	2.80E+00	1.00E+01
TM	9	L10982-01	6/7/2006	Co-60	4.70E+00	2.90E+00	9.50E+00
TM	9	L10982-01	6/7/2006	Cr-51	-2.70E+01	2.40E+01	8.70E+01
TM	9	L10982-01	6/7/2006	Cs-134	8.00E-01	2.50E+00	8.90E+00
TM	9	L10982-01	6/7/2006	Cs-137	-9.00E-01	2.70E+00	1.00E+01
TM	9	L10982-01	6/7/2006	Fe-59	1.90E+00	5.90E+00	2.10E+01
TM	9	L10982-01	6/7/2006	I-131	-1.00E-02	1.10E-01	6.70E-01
TM	9	L10982-01	6/7/2006	I-131	-7.40E+00	4.50E+00	1.70E+01
TM	9	L10982-01	6/7/2006	K-40	1.23E+03	8.40E+01	1.30E+02 *
TM	9	L10982-01	6/7/2006	La-140	-1.70E+00	4.10E+00	1.60E+01
TM	9	L10982-01	6/7/2006	Mn-54	3.00E-01	2.50E+00	9.10E+00
TM	9	L10982-01	6/7/2006	Nb-95	-6.30E+00	3.10E+00	1.20E+01
TM	9	L10982-01	6/7/2006	Ru-103	1.00E-01	2.80E+00	9.90E+00
TM	9	L10982-01	6/7/2006	Ru-106	-1.00E+00	2.50E+01	9.00E+01
TM	9	L10982-01	6/7/2006	Sb-124	7.40E+00	3.90E+00	1.10E+01
TM	9	L10982-01	6/7/2006	Sb-125	7.00E-01	5.70E+00	2.10E+01
TM	9	L10982-01	6/7/2006	Se-75	2.90E+00	3.10E+00	1.00E+01
TM	9	L10982-01	6/7/2006	Zn-65	1.40E+01	1.10E+01	3.60E+01
TM	9	L10982-01	6/7/2006	Zr-95	-6.10E+00	4.20E+00	1.70E+01
TM	9	L11021-01	6/20/2006	AcTh-228	-6.00E+00	1.00E+01	3.90E+01
TM	9	L11021-01	6/20/2006	Ag-108m	2.20E+00	2.10E+00	7.10E+00
TM	9	L11021-01	6/20/2006	Ag-110m	-6.00E-01	3.70E+00	1.40E+01
TM	9	L11021-01	6/20/2006	Ba-140	-9.00E-01	3.40E+00	1.40E+01
TM	9	L11021-01	6/20/2006	Be-7	-4.60E+01	1.80E+01	7.50E+01
TM	9	L11021-01	6/20/2006	Ce-141	-2.60E+00	3.40E+00	1.20E+01
TM	9	L11021-01	6/20/2006	Ce-144	1.00E+01	1.40E+01	4.60E+01
TM	9	L11021-01	6/20/2006	Co-57	2.60E+00	1.60E+00	5.10E+00
TM	9	L11021-01	6/20/2006	Co-58	2.40E+00	2.20E+00	7.70E+00
TM	9	L11021-01	6/20/2006	Co-60	5.50E+00	3.00E+00	9.60E+00
TM	9	L11021-01	6/20/2006	Cr-51	0.00E+00	2.10E+01	7.60E+01
TM	9	L11021-01	6/20/2006	Cs-134	-2.50E+00	2.60E+00	1.00E+01
TM	9	L11021-01	6/20/2006	Cs-137	4.20E+00	2.60E+00	8.50E+00
TM	9	L11021-01	6/20/2006	Fe-59	5.80E+00	6.10E+00	2.10E+01
TM	9	L11021-01	6/20/2006	I-131	-2.40E+00	4.30E+00	1.60E+01
TM	9	L11021-01	6/20/2006	I-131	-1.27E-01	9.40E-02	6.90E-01
TM	9	L11021-01	6/20/2006	K-40	1.50E+03	9.90E+01	1.30E+02 *
TM	9	L11021-01	6/20/2006	La-140	-1.10E+00	3.90E+00	1.60E+01
TM	9	L11021-01	6/20/2006	Mn-54	1.20E+00	2.60E+00	9.30E+00
TM	9	L11021-01	6/20/2006	Nb-95	-4.40E+00	2.40E+00	1.00E+01
TM	9	L11021-01	6/20/2006	Ru-103	-1.90E+00	2.40E+00	9.30E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L11021-01	6/20/2006	Ru-106	-1.10E+01	2.50E+01	9.20E+01
TM	9	L11021-01	6/20/2006	Sb-124	-7.80E+00	4.70E+00	2.30E+01
TM	9	L11021-01	6/20/2006	Sb-125	-8.20E+00	5.90E+00	2.30E+01
TM	9	L11021-01	6/20/2006	Se-75	8.00E-01	2.80E+00	9.90E+00
TM	9	L11021-01	6/20/2006	Zn-65	-4.90E+00	6.40E+00	2.50E+01
TM	9	L11021-01	6/20/2006	Zr-95	2.00E-01	4.50E+00	1.70E+01
TM	9	L11085-01	7/5/2006	AcTh-228	-2.50E+00	6.10E+00	2.30E+01
TM	9	L11085-01	7/5/2006	Ag-108m	1.50E+00	1.40E+00	4.60E+00
TM	9	L11085-01	7/5/2006	Ag-110m	-4.00E-01	2.70E+00	9.90E+00
TM	9	L11085-01	7/5/2006	Ba-140	6.00E-01	2.50E+00	9.80E+00
TM	9	L11085-01	7/5/2006	Be-7	7.00E+00	1.30E+01	4.70E+01
TM	9	L11085-01	7/5/2006	Ce-141	-6.00E-01	2.60E+00	9.20E+00
TM	9	L11085-01	7/5/2006	Ce-144	-4.80E+00	9.10E+00	3.20E+01
TM	9	L11085-01	7/5/2006	Co-57	2.10E+00	1.20E+00	4.00E+00
TM	9	L11085-01	7/5/2006	Co-58	-2.70E+00	1.60E+00	6.60E+00
TM	9	L11085-01	7/5/2006	Co-60	2.00E-01	2.30E+00	8.50E+00
TM	9	L11085-01	7/5/2006	Cr-51	-2.20E+01	1.50E+01	5.60E+01
TM	9	L11085-01	7/5/2006	Cs-134	1.90E+00	1.50E+00	5.20E+00
TM	9	L11085-01	7/5/2006	Cs-137	-9.00E-01	1.80E+00	6.70E+00
TM	9	L11085-01	7/5/2006	Fe-59	0.00E+00	4.10E+00	1.50E+01
TM	9	L11085-01	7/5/2006	I-131	-5.50E-02	1.10E-02	7.00E-01
TM	9	L11085-01	7/5/2006	I-131	1.90E+00	2.90E+00	1.00E+01
TM	9	L11085-01	7/5/2006	K-40	1.32E+03	7.50E+01	8.90E+01 *
TM	9	L11085-01	7/5/2006	La-140	7.00E-01	2.90E+00	1.10E+01
TM	9	L11085-01	7/5/2006	Mn-54	-1.00E+00	1.60E+00	6.20E+00
TM	9	L11085-01	7/5/2006	Nb-95	3.00E+00	1.90E+00	6.30E+00
TM	9	L11085-01	7/5/2006	Ru-103	-9.00E-01	1.60E+00	6.10E+00
TM	9	L11085-01	7/5/2006	Ru-106	3.00E+00	1.60E+01	5.70E+01
TM	9	L11085-01	7/5/2006	Sb-124	3.10E+00	3.40E+00	1.20E+01
TM	9	L11085-01	7/5/2006	Sb-125	0.00E+00	3.90E+00	1.40E+01
TM	9	L11085-01	7/5/2006	Se-75	-7.00E-01	1.80E+00	6.70E+00
TM	9	L11085-01	7/5/2006	Zn-65	-1.30E+00	4.40E+00	1.60E+01
TM	9	L11085-01	7/5/2006	Zr-95	4.10E+00	3.10E+00	1.10E+01
TM	9	L11163-01	7/19/2006	AcTh-228	-1.03E+01	9.90E+00	3.80E+01
TM	9	L11163-01	7/19/2006	Ag-108m	4.00E-01	1.80E+00	6.40E+00
TM	9	L11163-01	7/19/2006	Ag-110m	-4.60E+00	3.30E+00	1.30E+01
TM	9	L11163-01	7/19/2006	Ba-140	6.80E+00	4.00E+00	1.30E+01
TM	9	L11163-01	7/19/2006	Be-7	-2.80E+01	1.90E+01	7.40E+01
TM	9	L11163-01	7/19/2006	Ce-141	-4.40E+00	3.20E+00	1.20E+01
TM	9	L11163-01	7/19/2006	Ce-144	-1.10E+01	1.10E+01	4.20E+01
TM	9	L11163-01	7/19/2006	Co-57	-3.00E-01	1.40E+00	5.10E+00
TM	9	L11163-01	7/19/2006	Co-58	2.00E+00	2.20E+00	7.80E+00
TM	9	L11163-01	7/19/2006	Co-60	-5.60E+00	3.20E+00	1.30E+01
TM	9	L11163-01	7/19/2006	Cr-51	-4.90E+01	2.00E+01	8.00E+01
TM	9	L11163-01	7/19/2006	Cs-134	1.00E-01	2.60E+00	9.70E+00
TM	9	L11163-01	7/19/2006	Cs-137	-1.30E+00	2.50E+00	9.50E+00
TM	9	L11163-01	7/19/2006	Fe-59	9.00E-01	5.80E+00	2.10E+01
TM	9	L11163-01	7/19/2006	I-131	-6.50E-02	1.40E-02	7.80E-01
TM	9	L11163-01	7/19/2006	I-131	0.00E+00	3.60E+00	1.30E+01
TM	9	L11163-01	7/19/2006	K-40	1.24E+03	8.90E+01	1.40E+02 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L11163-01	7/19/2006	La-140	7.90E+00	4.60E+00	1.50E+01
TM	9	L11163-01	7/19/2006	Mn-54	4.00E-01	2.40E+00	8.90E+00
TM	9	L11163-01	7/19/2006	Nb-95	-4.10E+00	2.60E+00	1.10E+01
TM	9	L11163-01	7/19/2006	Ru-103	1.80E+00	2.20E+00	7.60E+00
TM	9	L11163-01	7/19/2006	Ru-106	-1.20E+01	2.20E+01	8.30E+01
TM	9	L11163-01	7/19/2006	Sb-124	5.70E+00	5.30E+00	1.90E+01
TM	9	L11163-01	7/19/2006	Sb-125	-8.20E+00	5.10E+00	2.00E+01
TM	9	L11163-01	7/19/2006	Se-75	7.00E-01	2.70E+00	9.40E+00
TM	9	L11163-01	7/19/2006	Zn-65	-9.00E+00	6.10E+00	2.50E+01
TM	9	L11163-01	7/19/2006	Zr-95	1.37E+01	4.70E+00	1.40E+01
TM	9	L11234-01	8/3/2006	AcTh-228	-6.10E+00	8.10E+00	3.10E+01
TM	9	L11234-01	8/3/2006	Ag-108m	4.00E-01	1.70E+00	6.00E+00
TM	9	L11234-01	8/3/2006	Ag-110m	5.90E+00	3.00E+00	9.60E+00
TM	9	L11234-01	8/3/2006	Ba-140	8.00E-01	3.30E+00	1.30E+01
TM	9	L11234-01	8/3/2006	Be-7	-1.90E+01	1.70E+01	6.40E+01
TM	9	L11234-01	8/3/2006	Ce-141	2.30E+00	3.20E+00	1.10E+01
TM	9	L11234-01	8/3/2006	Ce-144	1.40E+01	1.10E+01	3.70E+01
TM	9	L11234-01	8/3/2006	Co-57	6.00E-01	1.40E+00	4.70E+00
TM	9	L11234-01	8/3/2006	Co-58	7.00E-01	2.10E+00	7.60E+00
TM	9	L11234-01	8/3/2006	Co-60	2.60E+00	2.50E+00	8.70E+00
TM	9	L11234-01	8/3/2006	Cr-51	2.00E+01	2.00E+01	6.80E+01
TM	9	L11234-01	8/3/2006	Cs-134	1.10E+00	2.20E+00	7.80E+00
TM	9	L11234-01	8/3/2006	Cs-137	2.90E+00	2.30E+00	7.80E+00
TM	9	L11234-01	8/3/2006	Fe-59	-3.00E+00	5.00E+00	1.90E+01
TM	9	L11234-01	8/3/2006	I-131	-1.08E-01	1.70E-02	7.80E-01
TM	9	L11234-01	8/3/2006	I-131	6.70E+00	4.50E+00	1.50E+01
TM	9	L11234-01	8/3/2006	K-40	1.44E+03	8.30E+01	1.10E+02 *
TM	9	L11234-01	8/3/2006	La-140	9.00E-01	3.80E+00	1.50E+01
TM	9	L11234-01	8/3/2006	Mn-54	-6.00E-01	2.30E+00	8.50E+00
TM	9	L11234-01	8/3/2006	Nb-95	-2.00E-01	2.50E+00	9.10E+00
TM	9	L11234-01	8/3/2006	Ru-103	-2.00E+00	2.20E+00	8.20E+00
TM	9	L11234-01	8/3/2006	Ru-106	-1.90E+01	1.90E+01	7.40E+01
TM	9	L11234-01	8/3/2006	Sb-124	7.10E+00	4.40E+00	1.40E+01
TM	9	L11234-01	8/3/2006	Sb-125	-5.50E+00	5.30E+00	2.00E+01
TM	9	L11234-01	8/3/2006	Se-75	3.10E+00	2.60E+00	8.70E+00
TM	9	L11234-01	8/3/2006	Zn-65	-4.40E+00	5.30E+00	2.00E+01
TM	9	L11234-01	8/3/2006	Zr-95	-6.00E+00	3.70E+00	1.50E+01
TM	9	L11286-01	8/16/2006	AcTh-228	2.70E+00	6.30E+00	2.20E+01
TM	9	L11286-01	8/16/2006	Ag-108m	1.00E+00	1.10E+00	3.80E+00
TM	9	L11286-01	8/16/2006	Ag-110m	4.00E-01	2.20E+00	7.70E+00
TM	9	L11286-01	8/16/2006	Ba-140	5.60E+00	2.20E+00	6.60E+00
TM	9	L11286-01	8/16/2006	Be-7	1.90E+01	1.20E+01	4.10E+01
TM	9	L11286-01	8/16/2006	Ce-141	1.00E+00	1.60E+00	5.50E+00
TM	9	L11286-01	8/16/2006	Ce-144	-5.60E+00	7.30E+00	2.50E+01
TM	9	L11286-01	8/16/2006	Co-57	-5.00E-01	9.40E-01	3.30E+00
TM	9	L11286-01	8/16/2006	Co-58	-3.10E+00	1.50E+00	5.70E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L11286-01	8/16/2006	Co-60	4.00E-01	1.90E+00	6.80E+00
TM	9	L11286-01	8/16/2006	Cr-51	-9.00E+00	1.30E+01	4.50E+01
TM	9	L11286-01	8/16/2006	Cs-134	1.40E+00	1.50E+00	5.30E+00
TM	9	L11286-01	8/16/2006	Cs-137	1.30E+00	1.60E+00	5.50E+00
TM	9	L11286-01	8/16/2006	Fe-59	-2.40E+00	3.50E+00	1.30E+01
TM	9	L11286-01	8/16/2006	I-131	1.00E-02	1.60E-01	8.20E-01
TM	9	L11286-01	8/16/2006	I-131	9.00E-01	2.80E+00	9.50E+00
TM	9	L11286-01	8/16/2006	K-40	1.38E+03	5.80E+01	7.90E+01 *
TM	9	L11286-01	8/16/2006	La-140	6.40E+00	2.50E+00	7.60E+00
TM	9	L11286-01	8/16/2006	Mn-54	1.10E+00	1.50E+00	5.20E+00
TM	9	L11286-01	8/16/2006	Nb-95	-2.00E-01	1.50E+00	5.50E+00
TM	9	L11286-01	8/16/2006	Ru-103	-2.00E+00	1.50E+00	5.50E+00
TM	9	L11286-01	8/16/2006	Ru-106	8.00E+00	1.40E+01	4.60E+01
TM	9	L11286-01	8/16/2006	Sb-124	3.90E+00	3.20E+00	1.10E+01
TM	9	L11286-01	8/16/2006	Sb-125	3.00E-01	3.60E+00	1.30E+01
TM	9	L11286-01	8/16/2006	Se-75	-4.10E+00	1.70E+00	6.30E+00
TM	9	L11286-01	8/16/2006	Zn-65	-2.80E+00	3.30E+00	1.20E+01
TM	9	L11286-01	8/16/2006	Zr-95	-2.70E+00	2.30E+00	8.60E+00
TM	9	L11396-01	9/13/2006	AcTh-228	-3.00E+00	6.90E+00	2.50E+01
TM	9	L11396-01	9/13/2006	Ag-108m	1.70E+00	1.40E+00	4.70E+00
TM	9	L11396-01	9/13/2006	Ag-110m	2.00E+00	2.70E+00	9.30E+00
TM	9	L11396-01	9/13/2006	Ba-140	-1.80E+00	2.40E+00	9.70E+00
TM	9	L11396-01	9/13/2006	Be-7	1.10E+01	1.30E+01	4.60E+01
TM	9	L11396-01	9/13/2006	Ce-141	1.00E-01	2.70E+00	9.10E+00
TM	9	L11396-01	9/13/2006	Ce-144	5.10E+00	9.60E+00	3.30E+01
TM	9	L11396-01	9/13/2006	Co-57	1.60E+00	1.20E+00	4.10E+00
TM	9	L11396-01	9/13/2006	Co-58	-4.00E-01	1.70E+00	6.30E+00
TM	9	L11396-01	9/13/2006	Co-60	5.80E+00	2.10E+00	6.30E+00
TM	9	L11396-01	9/13/2006	Cr-51	-1.20E+01	1.50E+01	5.40E+01
TM	9	L11396-01	9/13/2006	Cs-134	4.00E-01	2.00E+00	7.00E+00
TM	9	L11396-01	9/13/2006	Cs-137	-8.00E-01	1.60E+00	6.00E+00
TM	9	L11396-01	9/13/2006	Fe-59	-1.00E-01	4.40E+00	1.60E+01
TM	9	L11396-01	9/13/2006	I-131	-6.00E-02	1.00E-01	4.70E-01
TM	9	L11396-01	9/13/2006	I-131	3.10E+00	3.20E+00	1.10E+01
TM	9	L11396-01	9/13/2006	K-40	1.39E+03	6.80E+01	9.60E+01 *
TM	9	L11396-01	9/13/2006	La-140	-2.10E+00	2.80E+00	1.10E+01
TM	9	L11396-01	9/13/2006	Mn-54	-1.00E+00	1.60E+00	6.10E+00
TM	9	L11396-01	9/13/2006	Nb-95	-2.70E+00	2.00E+00	7.70E+00
TM	9	L11396-01	9/13/2006	Ru-103	-3.00E-01	2.00E+00	7.10E+00
TM	9	L11396-01	9/13/2006	Ru-106	-3.10E+01	1.70E+01	6.60E+01
TM	9	L11396-01	9/13/2006	Sb-124	2.30E+00	3.50E+00	1.30E+01
TM	9	L11396-01	9/13/2006	Sb-125	4.90E+00	4.00E+00	1.30E+01
TM	9	L11396-01	9/13/2006	Se-75	4.00E-01	2.00E+00	7.00E+00
TM	9	L11396-01	9/13/2006	Zn-65	-2.40E+00	4.60E+00	1.70E+01
TM	9	L11396-01	9/13/2006	Zr-95	1.80E+00	3.00E+00	1.10E+01
TM	9	L11477-01	9/27/2006	AcTh-228	8.70E+00	6.80E+00	2.30E+01
TM	9	L11477-01	9/27/2006	Ag-108m	5.00E-01	1.10E+00	4.00E+00
TM	9	L11477-01	9/27/2006	Ag-110m	1.40E+00	1.90E+00	6.60E+00
TM	9	L11477-01	9/27/2006	Ba-140	-4.00E-01	2.70E+00	9.90E+00
TM	9	L11477-01	9/27/2006	Be-7	-1.00E+01	1.30E+01	4.60E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L11477-01	9/27/2006	Ce-141	-4.90E+00	2.40E+00	8.60E+00
TM	9	L11477-01	9/27/2006	Ce-144	-3.00E-01	8.00E+00	2.70E+01
TM	9	L11477-01	9/27/2006	Co-57	1.30E+00	1.10E+00	3.60E+00
TM	9	L11477-01	9/27/2006	Co-58	-1.50E+00	1.60E+00	5.80E+00
TM	9	L11477-01	9/27/2006	Co-60	-1.40E+00	2.10E+00	7.40E+00
TM	9	L11477-01	9/27/2006	Cr-51	-5.00E+00	1.40E+01	4.80E+01
TM	9	L11477-01	9/27/2006	Cs-134	6.00E-01	1.60E+00	5.60E+00
TM	9	L11477-01	9/27/2006	Cs-137	1.00E+00	1.50E+00	5.00E+00
TM	9	L11477-01	9/27/2006	Fe-59	-5.10E+00	3.40E+00	1.30E+01
TM	9	L11477-01	9/27/2006	I-131	-2.00E+00	3.60E+00	1.30E+01
TM	9	L11477-01	9/27/2006	I-131	7.30E-01	3.60E-01	9.00E-01
TM	9	L11477-01	9/27/2006	K-40	1.32E+03	5.40E+01	7.40E+01 *
TM	9	L11477-01	9/27/2006	La-140	-4.00E-01	3.10E+00	1.10E+01
TM	9	L11477-01	9/27/2006	Mn-54	1.20E+00	1.50E+00	5.00E+00
TM	9	L11477-01	9/27/2006	Nb-95	-9.00E-01	1.80E+00	6.40E+00
TM	9	L11477-01	9/27/2006	Ru-103	-4.40E+00	1.60E+00	6.20E+00
TM	9	L11477-01	9/27/2006	Ru-106	1.00E+01	1.30E+01	4.30E+01
TM	9	L11477-01	9/27/2006	Sb-124	-6.30E+00	3.20E+00	1.40E+01
TM	9	L11477-01	9/27/2006	Sb-125	6.00E+00	3.40E+00	1.10E+01
TM	9	L11477-01	9/27/2006	Se-75	2.60E+00	1.70E+00	5.80E+00
TM	9	L11477-01	9/27/2006	Zn-65	-1.19E+01	6.60E+00	2.20E+01
TM	9	L11477-01	9/27/2006	Zr-95	4.00E+00	2.90E+00	9.70E+00
TM	9	L11515-0110/11/2006	AcTh-228	AcTh-228	2.20E+00	7.30E+00	2.60E+01
TM	9	L11515-0110/11/2006	Ag-108m	Ag-108m	7.00E-01	1.40E+00	4.90E+00
TM	9	L11515-0110/11/2006	Ag-110m	Ag-110m	1.00E-01	2.30E+00	8.30E+00
TM	9	L11515-0110/11/2006	Ba-140	Ba-140	-3.60E+00	3.00E+00	1.30E+01
TM	9	L11515-0110/11/2006	Be-7	Be-7	0.00E+00	1.50E+01	5.30E+01
TM	9	L11515-0110/11/2006	Ce-141	Ce-141	3.80E+00	2.30E+00	7.40E+00
TM	9	L11515-0110/11/2006	Ce-144	Ce-144	-6.40E+00	7.60E+00	2.70E+01
TM	9	L11515-0110/11/2006	Co-57	Co-57	-2.40E-01	9.40E-01	3.30E+00
TM	9	L11515-0110/11/2006	Co-58	Co-58	1.60E+00	1.70E+00	5.80E+00
TM	9	L11515-0110/11/2006	Co-60	Co-60	-2.70E+00	2.30E+00	9.30E+00
TM	9	L11515-0110/11/2006	Cr-51	Cr-51	-8.00E+00	1.40E+01	4.90E+01
TM	9	L11515-0110/11/2006	Cs-134	Cs-134	9.00E-01	2.00E+00	7.00E+00
TM	9	L11515-0110/11/2006	Cs-137	Cs-137	-2.00E-01	1.60E+00	6.00E+00
TM	9	L11515-0110/11/2006	Fe-59	Fe-59	1.20E+00	4.50E+00	1.60E+01
TM	9	L11515-0110/11/2006	I-131	I-131	-7.40E-02	1.30E-02	7.40E-01
TM	9	L11515-0110/11/2006	I-131	I-131	-2.30E+00	2.80E+00	1.00E+01
TM	9	L11515-0110/11/2006	K-40	K-40	1.30E+03	7.30E+01	9.10E+01 *
TM	9	L11515-0110/11/2006	La-140	La-140	-4.10E+00	3.50E+00	1.50E+01
TM	9	L11515-0110/11/2006	Mn-54	Mn-54	-2.00E-01	1.80E+00	6.70E+00
TM	9	L11515-0110/11/2006	Nb-95	Nb-95	0.00E+00	2.20E+00	7.80E+00
TM	9	L11515-0110/11/2006	Ru-103	Ru-103	-4.50E+00	1.90E+00	7.60E+00
TM	9	L11515-0110/11/2006	Ru-106	Ru-106	-1.10E+01	1.60E+01	5.90E+01
TM	9	L11515-0110/11/2006	Sb-124	Sb-124	-1.00E+00	4.90E+00	1.90E+01
TM	9	L11515-0110/11/2006	Sb-125	Sb-125	2.20E+00	4.90E+00	1.70E+01
TM	9	L11515-0110/11/2006	Se-75	Se-75	-3.40E+00	1.90E+00	7.20E+00
TM	9	L11515-0110/11/2006	Zn-65	Zn-65	-1.40E+01	5.00E+00	2.10E+01
TM	9	L11515-0110/11/2006	Zr-95	Zr-95	-7.00E-01	3.50E+00	1.30E+01
TM	9	L11660-01	11/8/2006	AcTh-228	1.84E+01	9.50E+00	3.00E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L11660-01	11/8/2006	Ag-108m	-1.30E+00	1.70E+00	6.20E+00
TM	9	L11660-01	11/8/2006	Ag-110m	-4.00E-01	3.30E+00	1.20E+01
TM	9	L11660-01	11/8/2006	Ba-140	2.30E+00	3.20E+00	1.20E+01
TM	9	L11660-01	11/8/2006	Be-7	1.70E+01	1.60E+01	5.40E+01
TM	9	L11660-01	11/8/2006	Ce-141	3.00E-01	3.00E+00	1.00E+01
TM	9	L11660-01	11/8/2006	Ce-144	-1.00E+00	1.00E+01	3.60E+01
TM	9	L11660-01	11/8/2006	Co-57	-9.00E-01	1.20E+00	4.40E+00
TM	9	L11660-01	11/8/2006	Co-58	-1.00E+00	2.20E+00	8.10E+00
TM	9	L11660-01	11/8/2006	Co-60	-1.90E+00	2.80E+00	1.10E+01
TM	9	L11660-01	11/8/2006	Cr-51	-2.00E+00	1.80E+01	6.50E+01
TM	9	L11660-01	11/8/2006	Cs-134	1.00E-01	2.20E+00	8.10E+00
TM	9	L11660-01	11/8/2006	Cs-137	1.80E+00	2.10E+00	7.40E+00
TM	9	L11660-01	11/8/2006	Fe-59	6.10E+00	5.80E+00	2.00E+01
TM	9	L11660-01	11/8/2006	I-131	-6.00E-02	1.20E-01	7.80E-01
TM	9	L11660-01	11/8/2006	I-131	-4.60E+00	4.20E+00	1.60E+01
TM	9	L11660-01	11/8/2006	K-40	1.24E+03	8.10E+01	1.20E+02 *
TM	9	L11660-01	11/8/2006	La-140	2.70E+00	3.70E+00	1.40E+01
TM	9	L11660-01	11/8/2006	Mn-54	-2.00E+00	2.10E+00	8.20E+00
TM	9	L11660-01	11/8/2006	Nb-95	-2.60E+00	2.50E+00	9.70E+00
TM	9	L11660-01	11/8/2006	Ru-103	1.50E+00	2.40E+00	8.40E+00
TM	9	L11660-01	11/8/2006	Ru-106	-3.00E+00	2.30E+01	8.10E+01
TM	9	L11660-01	11/8/2006	Sb-124	3.70E+00	5.10E+00	1.90E+01
TM	9	L11660-01	11/8/2006	Sb-125	2.00E-01	5.30E+00	1.90E+01
TM	9	L11660-01	11/8/2006	Se-75	1.30E+00	2.20E+00	7.40E+00
TM	9	L11660-01	11/8/2006	Zn-65	1.50E+00	5.40E+00	1.90E+01
TM	9	L11660-01	11/8/2006	Zr-95	-4.10E+00	3.70E+00	1.40E+01
TM	9	L11783-01	12/6/2006	AcTh-228	6.70E+00	4.00E+00	1.60E+01
TM	9	L11783-01	12/6/2006	Ag-108m	4.00E-01	7.10E-01	2.40E+00
TM	9	L11783-01	12/6/2006	Ag-110m	-8.00E-01	1.20E+00	4.10E+00
TM	9	L11783-01	12/6/2006	Ba-140	-1.20E+00	1.60E+00	5.80E+00
TM	9	L11783-01	12/6/2006	Be-7	4.00E-01	7.40E+00	2.50E+01
TM	9	L11783-01	12/6/2006	Ce-141	5.00E-01	1.60E+00	5.40E+00
TM	9	L11783-01	12/6/2006	Ce-144	-3.40E+00	4.90E+00	1.70E+01
TM	9	L11783-01	12/6/2006	Co-57	6.00E-02	6.40E-01	2.20E+00
TM	9	L11783-01	12/6/2006	Co-58	4.40E-01	9.40E-01	3.20E+00
TM	9	L11783-01	12/6/2006	Co-60	1.10E+00	1.10E+00	3.60E+00
TM	9	L11783-01	12/6/2006	Cr-51	-1.00E+00	8.80E+00	3.00E+01
TM	9	L11783-01	12/6/2006	Cs-134	5.50E+00	3.90E+00	1.30E+01
TM	9	L11783-01	12/6/2006	Cs-137	2.06E+00	8.50E-01	2.70E+00
TM	9	L11783-01	12/6/2006	Fe-59	8.00E-01	2.30E+00	7.90E+00
TM	9	L11783-01	12/6/2006	I-131	-8.10E-02	1.60E-02	8.00E-01
TM	9	L11783-01	12/6/2006	I-131	-1.20E+00	2.40E+00	8.40E+00
TM	9	L11783-01	12/6/2006	K-40	1.33E+03	3.40E+01	4.80E+01 *
TM	9	L11783-01	12/6/2006	La-140	-1.40E+00	1.80E+00	6.70E+00
TM	9	L11783-01	12/6/2006	Mn-54	-1.32E+00	8.50E-01	3.00E+00
TM	9	L11783-01	12/6/2006	Nb-95	-2.10E+00	1.20E+00	4.20E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	9	L11783-01	12/6/2006	Ru-103	-2.20E+00	1.00E+00	3.60E+00
TM	9	L11783-01	12/6/2006	Ru-106	7.40E+00	8.10E+00	2.70E+01
TM	9	L11783-01	12/6/2006	Sb-124	-4.00E-01	1.80E+00	6.60E+00
TM	9	L11783-01	12/6/2006	Sb-125	2.60E+00	2.10E+00	7.00E+00
TM	9	L11783-01	12/6/2006	Se-75	6.00E-01	1.10E+00	3.80E+00
TM	9	L11783-01	12/6/2006	Zn-65	-1.40E+00	3.30E+00	1.10E+01
TM	9	L11783-01	12/6/2006	Zr-95	-1.00E+00	1.70E+00	6.00E+00
TM	15	L10431-02	1/18/2006	AcTh-228	6.60E+00	6.50E+00	2.20E+01
TM	15	L10431-02	1/18/2006	Ag-108m	-6.00E-01	1.30E+00	4.80E+00
TM	15	L10431-02	1/18/2006	Ag-110m	1.40E+00	2.40E+00	8.70E+00
TM	15	L10431-02	1/18/2006	Ba-140	1.10E+00	2.50E+00	9.20E+00
TM	15	L10431-02	1/18/2006	Be-7	-1.10E+01	1.30E+01	5.00E+01
TM	15	L10431-02	1/18/2006	Ce-141	-3.40E+00	2.60E+00	9.50E+00
TM	15	L10431-02	1/18/2006	Ce-144	-1.00E-01	9.70E+00	3.40E+01
TM	15	L10431-02	1/18/2006	Co-57	-1.00E+00	1.30E+00	4.50E+00
TM	15	L10431-02	1/18/2006	Co-58	-1.90E+00	1.80E+00	7.00E+00
TM	15	L10431-02	1/18/2006	Co-60	2.80E+00	2.40E+00	8.10E+00
TM	15	L10431-02	1/18/2006	Cr-51	1.40E+01	1.40E+01	4.80E+01
TM	15	L10431-02	1/18/2006	Cs-134	3.20E+00	1.90E+00	6.20E+00
TM	15	L10431-02	1/18/2006	Cs-137	1.00E+00	2.00E+00	7.00E+00
TM	15	L10431-02	1/18/2006	Fe-59	-2.90E+00	4.50E+00	1.70E+01
TM	15	L10431-02	1/18/2006	I-131	4.10E+00	2.90E+00	9.70E+00
TM	15	L10431-02	1/18/2006	I-131	8.00E-02	1.70E-01	7.90E-01
TM	15	L10431-02	1/18/2006	K-40	1.60E+03	7.70E+01	8.00E+01 *
TM	15	L10431-02	1/18/2006	La-140	1.30E+00	2.80E+00	1.10E+01
TM	15	L10431-02	1/18/2006	Mn-54	-1.20E+00	1.70E+00	6.50E+00
TM	15	L10431-02	1/18/2006	Nb-95	1.10E+00	1.80E+00	6.30E+00
TM	15	L10431-02	1/18/2006	Ru-103	-2.90E+00	1.80E+00	6.90E+00
TM	15	L10431-02	1/18/2006	Ru-106	-1.30E+01	1.60E+01	6.00E+01
TM	15	L10431-02	1/18/2006	Sb-124	2.70E+00	3.50E+00	1.30E+01
TM	15	L10431-02	1/18/2006	Sb-125	-1.90E+00	4.10E+00	1.50E+01
TM	15	L10431-02	1/18/2006	Se-75	-1.70E+00	2.00E+00	7.40E+00
TM	15	L10431-02	1/18/2006	Zn-65	-3.00E+00	4.80E+00	1.80E+01
TM	15	L10431-02	1/18/2006	Zr-95	-2.00E-01	2.90E+00	1.10E+01
TM	15	L10533-02	2/15/2006	AcTh-228	-6.90E+00	6.60E+00	2.50E+01
TM	15	L10533-02	2/15/2006	Ag-108m	-1.00E+00	1.30E+00	4.70E+00
TM	15	L10533-02	2/15/2006	Ag-110m	1.60E+00	2.40E+00	8.40E+00
TM	15	L10533-02	2/15/2006	Ba-140	9.00E-01	2.30E+00	8.40E+00
TM	15	L10533-02	2/15/2006	Be-7	1.70E+01	1.30E+01	4.50E+01
TM	15	L10533-02	2/15/2006	Ce-141	-1.90E+00	1.80E+00	6.30E+00
TM	15	L10533-02	2/15/2006	Ce-144	-4.00E+00	6.90E+00	2.40E+01
TM	15	L10533-02	2/15/2006	Co-57	1.88E+00	9.40E-01	3.10E+00
TM	15	L10533-02	2/15/2006	Co-58	-2.30E+00	1.70E+00	6.50E+00
TM	15	L10533-02	2/15/2006	Co-60	-2.40E+00	2.50E+00	9.10E+00
TM	15	L10533-02	2/15/2006	Cr-51	1.60E+01	1.30E+01	4.20E+01
TM	15	L10533-02	2/15/2006	Cs-134	2.00E+00	1.90E+00	6.40E+00
TM	15	L10533-02	2/15/2006	Cs-137	2.35E+01	2.90E+00	7.40E+00 *
TM	15	L10533-02	2/15/2006	Fe-59	0.00E+00	4.20E+00	1.50E+01
TM	15	L10533-02	2/15/2006	I-131	-9.00E-01	2.40E+00	8.40E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L10533-02	2/15/2006	I-131	4.00E-02	1.30E-01	7.30E-01
TM	15	L10533-02	2/15/2006	K-40	1.79E+03	7.50E+01	9.90E+01 *
TM	15	L10533-02	2/15/2006	La-140	1.00E+00	2.60E+00	9.70E+00
TM	15	L10533-02	2/15/2006	Mn-54	3.80E+00	1.70E+00	5.40E+00
TM	15	L10533-02	2/15/2006	Nb-95	-5.00E+00	2.10E+00	8.00E+00
TM	15	L10533-02	2/15/2006	Ru-103	1.00E-01	1.60E+00	5.80E+00
TM	15	L10533-02	2/15/2006	Ru-106	-3.00E+00	1.40E+01	4.90E+01
TM	15	L10533-02	2/15/2006	Sb-124	3.00E+00	3.50E+00	1.20E+01
TM	15	L10533-02	2/15/2006	Sb-125	-5.90E+00	3.80E+00	1.40E+01
TM	15	L10533-02	2/15/2006	Se-75	-1.90E+00	1.70E+00	6.10E+00
TM	15	L10533-02	2/15/2006	Zn-65	-7.80E+00	4.90E+00	1.90E+01
TM	15	L10533-02	2/15/2006	Zr-95	-3.20E+00	3.30E+00	1.20E+01
TM	15	L10610-02	3/15/2006	AcTh-228	3.00E-01	4.00E+00	1.40E+01
TM	15	L10610-02	3/15/2006	Ag-108m	7.80E-01	8.80E-01	3.00E+00
TM	15	L10610-02	3/15/2006	Ag-110m	-1.00E-01	1.50E+00	5.40E+00
TM	15	L10610-02	3/15/2006	Ba-140	2.60E+00	1.90E+00	6.40E+00
TM	15	L10610-02	3/15/2006	Be-7	-1.60E+00	8.50E+00	3.00E+01
TM	15	L10610-02	3/15/2006	Ce-141	8.00E-01	1.50E+00	5.00E+00
TM	15	L10610-02	3/15/2006	Ce-144	1.20E+00	5.50E+00	1.90E+01
TM	15	L10610-02	3/15/2006	Co-57	-5.10E-01	6.70E-01	2.40E+00
TM	15	L10610-02	3/15/2006	Co-58	-1.00E-01	1.20E+00	4.30E+00
TM	15	L10610-02	3/15/2006	Co-60	-9.00E-01	1.50E+00	5.60E+00
TM	15	L10610-02	3/15/2006	Cr-51	9.40E+00	9.50E+00	3.20E+01
TM	15	L10610-02	3/15/2006	Cs-134	8.00E-01	1.20E+00	4.20E+00
TM	15	L10610-02	3/15/2006	Cs-137	1.20E+00	1.10E+00	3.60E+00
TM	15	L10610-02	3/15/2006	Fe-59	3.30E+00	2.80E+00	9.50E+00
TM	15	L10610-02	3/15/2006	I-131	2.00E-01	1.50E-01	4.90E-01
TM	15	L10610-02	3/15/2006	I-131	-1.90E+00	1.80E+00	6.50E+00
TM	15	L10610-02	3/15/2006	K-40	1.32E+03	5.10E+01	5.50E+01 *
TM	15	L10610-02	3/15/2006	La-140	3.00E+00	2.20E+00	7.40E+00
TM	15	L10610-02	3/15/2006	Mn-54	3.00E-01	1.10E+00	3.90E+00
TM	15	L10610-02	3/15/2006	Nb-95	1.20E+00	1.30E+00	4.50E+00
TM	15	L10610-02	3/15/2006	Ru-103	-1.20E+00	1.20E+00	4.30E+00
TM	15	L10610-02	3/15/2006	Ru-106	-1.90E+00	9.40E+00	3.40E+01
TM	15	L10610-02	3/15/2006	Sb-124	-1.00E+00	2.70E+00	1.00E+01
TM	15	L10610-02	3/15/2006	Sb-125	5.20E+00	2.80E+00	9.10E+00
TM	15	L10610-02	3/15/2006	Se-75	-3.10E+00	1.30E+00	4.70E+00
TM	15	L10610-02	3/15/2006	Zn-65	6.00E-01	3.00E+00	1.00E+01
TM	15	L10610-02	3/15/2006	Zr-95	4.00E-01	2.00E+00	7.00E+00
TM	15	L10728-02	4/12/2006	AcTh-228	-7.10E+00	7.80E+00	3.00E+01
TM	15	L10728-02	4/12/2006	Ag-108m	0.00E+00	1.70E+00	6.20E+00
TM	15	L10728-02	4/12/2006	Ag-110m	-8.00E-01	3.00E+00	1.10E+01
TM	15	L10728-02	4/12/2006	Ba-140	3.40E+00	2.70E+00	9.40E+00
TM	15	L10728-02	4/12/2006	Be-7	-8.00E+00	1.80E+01	6.50E+01
TM	15	L10728-02	4/12/2006	Ce-141	2.50E+00	3.00E+00	1.00E+01
TM	15	L10728-02	4/12/2006	Ce-144	-6.00E+00	1.10E+01	4.00E+01
TM	15	L10728-02	4/12/2006	Co-57	-3.00E-01	1.40E+00	5.10E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L10728-02	4/12/2006	Co-58	-2.60E+00	2.00E+00	7.90E+00
TM	15	L10728-02	4/12/2006	Co-60	-2.90E+00	2.20E+00	8.90E+00
TM	15	L10728-02	4/12/2006	Cr-51	8.00E+00	1.90E+01	6.50E+01
TM	15	L10728-02	4/12/2006	Cs-134	1.80E+00	2.10E+00	7.20E+00
TM	15	L10728-02	4/12/2006	Cs-137	8.00E-01	2.10E+00	7.40E+00
TM	15	L10728-02	4/12/2006	Fe-59	3.20E+00	4.50E+00	1.60E+01
TM	15	L10728-02	4/12/2006	I-131	-1.70E+00	3.80E+00	1.40E+01
TM	15	L10728-02	4/12/2006	I-131	1.30E-01	1.30E-01	5.00E-01
TM	15	L10728-02	4/12/2006	K-40	1.42E+03	7.90E+01	1.00E+02 *
TM	15	L10728-02	4/12/2006	La-140	3.90E+00	3.20E+00	1.10E+01
TM	15	L10728-02	4/12/2006	Mn-54	-1.90E+00	2.20E+00	8.40E+00
TM	15	L10728-02	4/12/2006	Nb-95	-4.70E+00	2.30E+00	9.40E+00
TM	15	L10728-02	4/12/2006	Ru-103	4.30E+00	2.00E+00	6.30E+00
TM	15	L10728-02	4/12/2006	Ru-106	-1.30E+01	1.90E+01	7.10E+01
TM	15	L10728-02	4/12/2006	Sb-124	-5.00E-01	3.40E+00	1.40E+01
TM	15	L10728-02	4/12/2006	Sb-125	3.50E+00	5.00E+00	1.70E+01
TM	15	L10728-02	4/12/2006	Se-75	-1.40E+00	2.40E+00	8.60E+00
TM	15	L10728-02	4/12/2006	Zn-65	-5.30E+00	5.50E+00	2.10E+01
TM	15	L10728-02	4/12/2006	Zr-95	3.00E+00	3.70E+00	1.30E+01
TM	15	L10801-02	4/26/2006	AcTh-228	-8.30E+00	9.40E+00	3.60E+01
TM	15	L10801-02	4/26/2006	Ag-108m	-3.20E+00	1.80E+00	7.10E+00
TM	15	L10801-02	4/26/2006	Ag-110m	7.10E+00	3.00E+00	8.90E+00
TM	15	L10801-02	4/26/2006	Ba-140	1.60E+00	3.70E+00	1.40E+01
TM	15	L10801-02	4/26/2006	Be-7	-1.30E+01	1.70E+01	6.30E+01
TM	15	L10801-02	4/26/2006	Ce-141	-5.40E+00	2.50E+00	9.60E+00
TM	15	L10801-02	4/26/2006	Ce-144	9.40E+00	8.70E+00	2.90E+01
TM	15	L10801-02	4/26/2006	Co-57	1.00E-01	1.10E+00	4.00E+00
TM	15	L10801-02	4/26/2006	Co-58	-1.00E-01	2.40E+00	8.80E+00
TM	15	L10801-02	4/26/2006	Co-60	5.70E+00	3.10E+00	9.90E+00
TM	15	L10801-02	4/26/2006	Cr-51	6.00E+00	1.50E+01	5.40E+01
TM	15	L10801-02	4/26/2006	Cs-134	-1.00E+00	2.80E+00	1.10E+01
TM	15	L10801-02	4/26/2006	Cs-137	0.00E+00	2.30E+00	8.60E+00
TM	15	L10801-02	4/26/2006	Fe-59	6.70E+00	6.60E+00	2.20E+01
TM	15	L10801-02	4/26/2006	I-131	-5.80E-02	5.50E-02	4.00E-01
TM	15	L10801-02	4/26/2006	I-131	5.90E+00	3.10E+00	9.80E+00
TM	15	L10801-02	4/26/2006	K-40	1.42E+03	9.30E+01	1.40E+02 *
TM	15	L10801-02	4/26/2006	La-140	1.90E+00	4.20E+00	1.60E+01
TM	15	L10801-02	4/26/2006	Mn-54	1.80E+00	2.20E+00	7.80E+00
TM	15	L10801-02	4/26/2006	Nb-95	-1.30E+00	2.50E+00	9.60E+00
TM	15	L10801-02	4/26/2006	Ru-103	-3.70E+00	2.20E+00	8.60E+00
TM	15	L10801-02	4/26/2006	Ru-106	2.80E+01	1.80E+01	6.00E+01
TM	15	L10801-02	4/26/2006	Sb-124	4.10E+00	6.30E+00	2.30E+01
TM	15	L10801-02	4/26/2006	Sb-125	-4.30E+00	5.30E+00	2.00E+01
TM	15	L10801-02	4/26/2006	Se-75	1.70E+00	2.30E+00	7.80E+00
TM	15	L10801-02	4/26/2006	Zn-65	-6.80E+00	6.80E+00	2.60E+01
TM	15	L10801-02	4/26/2006	Zr-95	1.10E+00	4.10E+00	1.50E+01
TM	15	L10858-02	5/10/2006	AcTh-228	7.00E+00	7.30E+00	2.50E+01
TM	15	L10858-02	5/10/2006	Ag-108m	4.00E-01	1.50E+00	5.40E+00
TM	15	L10858-02	5/10/2006	Ag-110m	3.00E-01	2.80E+00	1.00E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L10858-02	5/10/2006	Ba-140	-2.90E+00	2.60E+00	1.10E+01
TM	15	L10858-02	5/10/2006	Be-7	2.40E+01	1.70E+01	5.70E+01
TM	15	L10858-02	5/10/2006	Ce-141	-1.20E+00	3.20E+00	1.10E+01
TM	15	L10858-02	5/10/2006	Ce-144	-8.00E+00	1.00E+01	3.50E+01
TM	15	L10858-02	5/10/2006	Co-57	1.20E+00	1.30E+00	4.40E+00
TM	15	L10858-02	5/10/2006	Co-58	1.60E+00	1.70E+00	6.00E+00
TM	15	L10858-02	5/10/2006	Co-60	1.30E+00	2.50E+00	8.90E+00
TM	15	L10858-02	5/10/2006	Cr-51	1.50E+01	1.80E+01	6.00E+01
TM	15	L10858-02	5/10/2006	Cs-134	1.00E+00	2.00E+00	7.10E+00
TM	15	L10858-02	5/10/2006	Cs-137	2.00E+00	1.70E+00	5.80E+00
TM	15	L10858-02	5/10/2006	Fe-59	7.80E+00	4.90E+00	1.60E+01
TM	15	L10858-02	5/10/2006	I-131	-1.80E+00	3.40E+00	1.20E+01
TM	15	L10858-02	5/10/2006	I-131	-1.03E-01	1.70E-02	7.60E-01
TM	15	L10858-02	5/10/2006	K-40	1.56E+03	7.30E+01	9.40E+01 *
TM	15	L10858-02	5/10/2006	La-140	-3.30E+00	3.00E+00	1.20E+01
TM	15	L10858-02	5/10/2006	Mn-54	-2.60E+00	1.80E+00	7.10E+00
TM	15	L10858-02	5/10/2006	Nb-95	7.00E-01	2.10E+00	7.40E+00
TM	15	L10858-02	5/10/2006	Ru-103	-4.30E+00	2.10E+00	8.10E+00
TM	15	L10858-02	5/10/2006	Ru-106	2.50E+01	1.80E+01	6.10E+01
TM	15	L10858-02	5/10/2006	Sb-124	3.90E+00	4.40E+00	1.50E+01
TM	15	L10858-02	5/10/2006	Sb-125	7.20E+00	4.50E+00	1.50E+01
TM	15	L10858-02	5/10/2006	Se-75	7.00E-01	2.40E+00	8.20E+00
TM	15	L10858-02	5/10/2006	Zn-65	-5.80E+00	4.90E+00	1.90E+01
TM	15	L10858-02	5/10/2006	Zr-95	1.60E+00	3.30E+00	1.20E+01
TM	15	L10927-02	5/24/2006	AcTh-228	-1.29E+01	9.60E+00	3.80E+01
TM	15	L10927-02	5/24/2006	Ag-108m	3.00E-01	2.20E+00	7.60E+00
TM	15	L10927-02	5/24/2006	Ag-110m	-5.00E-01	3.20E+00	1.20E+01
TM	15	L10927-02	5/24/2006	Ba-140	2.90E+00	3.60E+00	1.30E+01
TM	15	L10927-02	5/24/2006	Be-7	1.70E+01	1.80E+01	6.20E+01
TM	15	L10927-02	5/24/2006	Ce-141	-3.00E-01	3.90E+00	1.30E+01
TM	15	L10927-02	5/24/2006	Ce-144	-1.10E+01	1.30E+01	4.50E+01
TM	15	L10927-02	5/24/2006	Co-57	1.60E+00	1.50E+00	4.90E+00
TM	15	L10927-02	5/24/2006	Co-58	1.40E+00	2.50E+00	8.90E+00
TM	15	L10927-02	5/24/2006	Co-60	1.50E+00	3.00E+00	1.10E+01
TM	15	L10927-02	5/24/2006	Cr-51	-1.60E+01	2.10E+01	7.70E+01
TM	15	L10927-02	5/24/2006	Cs-134	-4.00E-01	2.10E+00	8.10E+00
TM	15	L10927-02	5/24/2006	Cs-137	-3.40E+00	2.30E+00	9.20E+00
TM	15	L10927-02	5/24/2006	Fe-59	-3.90E+00	5.60E+00	2.20E+01
TM	15	L10927-02	5/24/2006	I-131	-2.30E+00	3.80E+00	1.40E+01
TM	15	L10927-02	5/24/2006	I-131	-2.00E-02	1.30E-01	7.90E-01
TM	15	L10927-02	5/24/2006	K-40	1.57E+03	9.10E+01	1.20E+02 *
TM	15	L10927-02	5/24/2006	La-140	3.40E+00	4.10E+00	1.50E+01
TM	15	L10927-02	5/24/2006	Mn-54	-3.00E+00	2.40E+00	9.50E+00
TM	15	L10927-02	5/24/2006	Nb-95	4.00E-01	2.50E+00	9.20E+00
TM	15	L10927-02	5/24/2006	Ru-103	1.40E+00	2.70E+00	9.30E+00
TM	15	L10927-02	5/24/2006	Ru-106	-1.00E+01	1.90E+01	7.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L10927-02	5/24/2006	Sb-124	-8.50E+00	5.00E+00	2.30E+01
TM	15	L10927-02	5/24/2006	Sb-125	3.50E+00	6.00E+00	2.10E+01
TM	15	L10927-02	5/24/2006	Se-75	-2.80E+00	2.90E+00	1.10E+01
TM	15	L10927-02	5/24/2006	Zn-65	-1.27E+01	6.00E+00	2.50E+01
TM	15	L10927-02	5/24/2006	Zr-95	1.20E+00	4.10E+00	1.50E+01
TM	15	L10982-02	6/7/2006	AcTh-228	1.45E+01	7.70E+00	2.40E+01
TM	15	L10982-02	6/7/2006	Ag-108m	-1.00E-01	2.10E+00	7.50E+00
TM	15	L10982-02	6/7/2006	Ag-110m	0.00E+00	3.20E+00	1.20E+01
TM	15	L10982-02	6/7/2006	Ba-140	0.00E+00	3.20E+00	1.20E+01
TM	15	L10982-02	6/7/2006	Be-7	-1.20E+01	2.10E+01	7.90E+01
TM	15	L10982-02	6/7/2006	Ce-141	2.70E+00	3.50E+00	1.20E+01
TM	15	L10982-02	6/7/2006	Ce-144	-6.00E+00	1.10E+01	4.10E+01
TM	15	L10982-02	6/7/2006	Co-57	-8.00E-01	1.50E+00	5.40E+00
TM	15	L10982-02	6/7/2006	Co-58	1.00E+00	2.30E+00	8.30E+00
TM	15	L10982-02	6/7/2006	Co-60	-3.90E+00	2.70E+00	1.10E+01
TM	15	L10982-02	6/7/2006	Cr-51	-2.10E+01	2.10E+01	7.80E+01
TM	15	L10982-02	6/7/2006	Cs-134	2.10E+00	2.60E+00	9.10E+00
TM	15	L10982-02	6/7/2006	Cs-137	-3.00E-01	2.20E+00	8.20E+00
TM	15	L10982-02	6/7/2006	Fe-59	-7.40E+00	6.00E+00	2.30E+01
TM	15	L10982-02	6/7/2006	I-131	-8.00E-01	4.20E+00	1.50E+01
TM	15	L10982-02	6/7/2006	I-131	6.00E-02	1.50E-01	8.10E-01
TM	15	L10982-02	6/7/2006	K-40	1.40E+03	8.10E+01	8.60E+01 *
TM	15	L10982-02	6/7/2006	La-140	0.00E+00	3.70E+00	1.40E+01
TM	15	L10982-02	6/7/2006	Mn-54	-1.30E+00	2.10E+00	8.10E+00
TM	15	L10982-02	6/7/2006	Nb-95	1.40E+00	2.60E+00	9.30E+00
TM	15	L10982-02	6/7/2006	Ru-103	-6.10E+00	2.60E+00	1.00E+01
TM	15	L10982-02	6/7/2006	Ru-106	-2.50E+01	2.10E+01	8.00E+01
TM	15	L10982-02	6/7/2006	Sb-124	-3.40E+00	4.70E+00	2.00E+01
TM	15	L10982-02	6/7/2006	Sb-125	-1.05E+01	5.40E+00	2.10E+01
TM	15	L10982-02	6/7/2006	Se-75	2.00E-01	2.70E+00	9.40E+00
TM	15	L10982-02	6/7/2006	Zn-65	-3.20E+00	5.80E+00	2.20E+01
TM	15	L10982-02	6/7/2006	Zr-95	-6.00E-01	4.20E+00	1.50E+01
TM	15	L11021-02	6/20/2006	AcTh-228	1.84E+01	6.80E+00	2.10E+01
TM	15	L11021-02	6/20/2006	Ag-108m	-3.00E-01	1.40E+00	4.90E+00
TM	15	L11021-02	6/20/2006	Ag-110m	-8.00E+00	2.70E+00	1.10E+01
TM	15	L11021-02	6/20/2006	Ba-140	-5.30E+00	2.60E+00	1.10E+01
TM	15	L11021-02	6/20/2006	Be-7	2.10E+01	1.30E+01	4.20E+01
TM	15	L11021-02	6/20/2006	Ce-141	2.20E+00	2.20E+00	7.30E+00
TM	15	L11021-02	6/20/2006	Ce-144	-3.90E+00	7.60E+00	2.60E+01
TM	15	L11021-02	6/20/2006	Co-57	4.40E-01	9.80E-01	3.30E+00
TM	15	L11021-02	6/20/2006	Co-58	-4.20E+00	1.50E+00	6.10E+00
TM	15	L11021-02	6/20/2006	Co-60	-4.00E-01	2.40E+00	8.70E+00
TM	15	L11021-02	6/20/2006	Cr-51	1.90E+01	1.40E+01	4.80E+01
TM	15	L11021-02	6/20/2006	Cs-134	-3.00E+00	1.80E+00	7.00E+00
TM	15	L11021-02	6/20/2006	Cs-137	1.70E+00	1.80E+00	6.00E+00
TM	15	L11021-02	6/20/2006	Fe-59	-4.00E-01	4.00E+00	1.50E+01
TM	15	L11021-02	6/20/2006	I-131	0.00E+00	1.40E-01	8.50E-01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L11021-02	6/20/2006	I-131	4.60E+00	2.70E+00	9.00E+00
TM	15	L11021-02	6/20/2006	K-40	1.53E+03	6.70E+01	7.50E+01 *
TM	15	L11021-02	6/20/2006	La-140	-6.10E+00	3.00E+00	1.30E+01
TM	15	L11021-02	6/20/2006	Mn-54	5.00E-01	1.60E+00	5.60E+00
TM	15	L11021-02	6/20/2006	Nb-95	1.70E+00	1.80E+00	6.00E+00
TM	15	L11021-02	6/20/2006	Ru-103	-3.00E-01	1.60E+00	5.60E+00
TM	15	L11021-02	6/20/2006	Ru-106	1.90E+01	1.60E+01	5.40E+01
TM	15	L11021-02	6/20/2006	Sb-124	2.20E+00	4.10E+00	1.50E+01
TM	15	L11021-02	6/20/2006	Sb-125	-4.90E+00	4.30E+00	1.60E+01
TM	15	L11021-02	6/20/2006	Se-75	-1.00E+00	1.70E+00	5.90E+00
TM	15	L11021-02	6/20/2006	Zn-65	-5.50E+00	3.90E+00	1.50E+01
TM	15	L11021-02	6/20/2006	Zr-95	1.70E+00	2.70E+00	9.60E+00
TM	15	L11085-02	7/5/2006	AcTh-228	4.90E+00	7.30E+00	2.60E+01
TM	15	L11085-02	7/5/2006	Ag-108m	1.80E+00	1.60E+00	5.50E+00
TM	15	L11085-02	7/5/2006	Ag-110m	1.90E+00	3.10E+00	1.10E+01
TM	15	L11085-02	7/5/2006	Ba-140	-8.00E-01	2.40E+00	1.00E+01
TM	15	L11085-02	7/5/2006	Be-7	1.50E+01	1.40E+01	4.70E+01
TM	15	L11085-02	7/5/2006	Ce-141	1.60E+00	2.60E+00	8.80E+00
TM	15	L11085-02	7/5/2006	Ce-144	1.00E+00	1.00E+01	3.60E+01
TM	15	L11085-02	7/5/2006	Co-57	8.00E-01	1.30E+00	4.30E+00
TM	15	L11085-02	7/5/2006	Co-58	-8.00E-01	1.90E+00	7.30E+00
TM	15	L11085-02	7/5/2006	Co-60	3.40E+00	2.60E+00	8.70E+00
TM	15	L11085-02	7/5/2006	Cr-51	1.40E+01	1.30E+01	4.30E+01
TM	15	L11085-02	7/5/2006	Cs-134	4.00E-01	2.10E+00	7.50E+00
TM	15	L11085-02	7/5/2006	Cs-137	-1.10E+00	1.70E+00	6.70E+00
TM	15	L11085-02	7/5/2006	Fe-59	7.00E-01	5.10E+00	1.90E+01
TM	15	L11085-02	7/5/2006	I-131	-2.50E+00	2.60E+00	1.00E+01
TM	15	L11085-02	7/5/2006	I-131	-8.90E-02	1.40E-02	8.30E-01
TM	15	L11085-02	7/5/2006	K-40	1.69E+03	8.90E+01	1.10E+02 *
TM	15	L11085-02	7/5/2006	La-140	-1.00E+00	2.80E+00	1.20E+01
TM	15	L11085-02	7/5/2006	Mn-54	-1.10E+00	1.50E+00	6.00E+00
TM	15	L11085-02	7/5/2006	Nb-95	3.00E-01	1.80E+00	6.60E+00
TM	15	L11085-02	7/5/2006	Ru-103	5.00E-01	1.80E+00	6.50E+00
TM	15	L11085-02	7/5/2006	Ru-106	1.40E+01	1.50E+01	5.40E+01
TM	15	L11085-02	7/5/2006	Sb-124	1.10E+00	3.80E+00	1.50E+01
TM	15	L11085-02	7/5/2006	Sb-125	-5.50E+00	4.50E+00	1.70E+01
TM	15	L11085-02	7/5/2006	Se-75	1.40E+00	1.90E+00	6.60E+00
TM	15	L11085-02	7/5/2006	Zn-65	3.60E+00	4.50E+00	1.60E+01
TM	15	L11085-02	7/5/2006	Zr-95	-8.00E-01	3.10E+00	1.20E+01
TM	15	L11163-02	7/19/2006	AcTh-228	6.90E+00	6.60E+00	2.20E+01
TM	15	L11163-02	7/19/2006	Ag-108m	9.00E-01	1.50E+00	5.30E+00
TM	15	L11163-02	7/19/2006	Ag-110m	-2.70E+00	2.60E+00	9.90E+00
TM	15	L11163-02	7/19/2006	Ba-140	-2.80E+00	2.20E+00	9.40E+00
TM	15	L11163-02	7/19/2006	Be-7	2.40E+01	1.60E+01	5.40E+01
TM	15	L11163-02	7/19/2006	Ce-141	2.00E-01	3.00E+00	1.00E+01
TM	15	L11163-02	7/19/2006	Ce-144	-1.44E+01	9.60E+00	3.50E+01
TM	15	L11163-02	7/19/2006	Co-57	1.00E-01	1.30E+00	4.40E+00
TM	15	L11163-02	7/19/2006	Co-58	-4.70E+00	2.00E+00	7.90E+00
TM	15	L11163-02	7/19/2006	Co-60	-1.20E+00	2.10E+00	7.80E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L11163-02	7/19/2006	Cr-51	2.50E+01	1.80E+01	6.00E+01
TM	15	L11163-02	7/19/2006	Cs-134	5.00E-01	2.00E+00	7.30E+00
TM	15	L11163-02	7/19/2006	Cs-137	-2.30E+00	1.90E+00	7.10E+00
TM	15	L11163-02	7/19/2006	Fe-59	2.00E-01	4.80E+00	1.70E+01
TM	15	L11163-02	7/19/2006	I-131	-6.80E-02	1.50E-02	8.20E-01
TM	15	L11163-02	7/19/2006	I-131	-3.00E-01	3.30E+00	1.20E+01
TM	15	L11163-02	7/19/2006	K-40	1.48E+03	7.00E+01	9.10E+01 *
TM	15	L11163-02	7/19/2006	La-140	-3.20E+00	2.50E+00	1.10E+01
TM	15	L11163-02	7/19/2006	Mn-54	-8.00E-01	1.80E+00	6.60E+00
TM	15	L11163-02	7/19/2006	Nb-95	2.00E-01	2.00E+00	7.30E+00
TM	15	L11163-02	7/19/2006	Ru-103	3.00E-01	2.10E+00	7.40E+00
TM	15	L11163-02	7/19/2006	Ru-106	1.80E+01	1.80E+01	6.20E+01
TM	15	L11163-02	7/19/2006	Sb-124	-8.00E-01	3.20E+00	1.30E+01
TM	15	L11163-02	7/19/2006	Sb-125	5.30E+00	4.60E+00	1.50E+01
TM	15	L11163-02	7/19/2006	Se-75	3.10E+00	2.30E+00	7.50E+00
TM	15	L11163-02	7/19/2006	Zn-65	-8.10E+00	4.50E+00	1.80E+01
TM	15	L11163-02	7/19/2006	Zr-95	8.00E+00	3.20E+00	9.90E+00
TM	15	L11234-02	8/3/2006	AcTh-228	1.10E+00	5.90E+00	2.10E+01
TM	15	L11234-02	8/3/2006	Ag-108m	1.00E+00	1.20E+00	3.90E+00
TM	15	L11234-02	8/3/2006	Ag-110m	-2.00E-01	2.00E+00	7.30E+00
TM	15	L11234-02	8/3/2006	Ba-140	-1.30E+00	2.90E+00	1.10E+01
TM	15	L11234-02	8/3/2006	Be-7	-1.40E+01	1.20E+01	4.30E+01
TM	15	L11234-02	8/3/2006	Ce-141	-1.60E+00	1.80E+00	6.40E+00
TM	15	L11234-02	8/3/2006	Ce-144	6.00E-01	5.80E+00	2.00E+01
TM	15	L11234-02	8/3/2006	Co-57	5.20E-01	7.70E-01	2.60E+00
TM	15	L11234-02	8/3/2006	Co-58	-2.60E+00	1.60E+00	6.00E+00
TM	15	L11234-02	8/3/2006	Co-60	6.00E-01	2.00E+00	6.90E+00
TM	15	L11234-02	8/3/2006	Cr-51	6.00E+00	1.20E+01	4.20E+01
TM	15	L11234-02	8/3/2006	Cs-134	1.60E+00	1.70E+00	5.70E+00
TM	15	L11234-02	8/3/2006	Cs-137	-5.00E-01	1.50E+00	5.50E+00
TM	15	L11234-02	8/3/2006	Fe-59	-3.50E+00	4.10E+00	1.50E+01
TM	15	L11234-02	8/3/2006	I-131	-4.10E+00	2.60E+00	9.70E+00
TM	15	L11234-02	8/3/2006	I-131	5.00E-02	1.50E-01	8.40E-01
TM	15	L11234-02	8/3/2006	K-40	1.43E+03	6.00E+01	7.40E+01 *
TM	15	L11234-02	8/3/2006	La-140	-1.50E+00	3.30E+00	1.30E+01
TM	15	L11234-02	8/3/2006	Mn-54	1.70E+00	1.60E+00	5.40E+00
TM	15	L11234-02	8/3/2006	Nb-95	1.30E+00	1.90E+00	6.50E+00
TM	15	L11234-02	8/3/2006	Ru-103	-1.00E+00	1.60E+00	5.60E+00
TM	15	L11234-02	8/3/2006	Ru-106	6.00E+00	1.20E+01	4.10E+01
TM	15	L11234-02	8/3/2006	Sb-124	6.00E-01	4.00E+00	1.50E+01
TM	15	L11234-02	8/3/2006	Sb-125	-1.90E+00	3.80E+00	1.40E+01
TM	15	L11234-02	8/3/2006	Se-75	-1.00E+00	1.50E+00	5.40E+00
TM	15	L11234-02	8/3/2006	Zn-65	-3.00E+00	3.90E+00	1.40E+01
TM	15	L11234-02	8/3/2006	Zr-95	6.00E-01	2.70E+00	9.60E+00
TM	15	L11286-02	8/16/2006	AcTh-228	-9.00E-01	6.00E+00	2.20E+01
TM	15	L11286-02	8/16/2006	Ag-108m	2.00E-01	1.40E+00	4.80E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L11286-02	8/16/2006	Ag-110m	-1.70E+00	2.10E+00	7.90E+00
TM	15	L11286-02	8/16/2006	Ba-140	0.00E+00	2.60E+00	9.90E+00
TM	15	L11286-02	8/16/2006	Be-7	-3.00E+00	1.30E+01	4.50E+01
TM	15	L11286-02	8/16/2006	Ce-141	6.00E-01	2.10E+00	7.10E+00
TM	15	L11286-02	8/16/2006	Ce-144	-3.30E+00	6.60E+00	2.30E+01
TM	15	L11286-02	8/16/2006	Co-57	8.60E-01	8.20E-01	2.80E+00
TM	15	L11286-02	8/16/2006	Co-58	2.10E+00	1.90E+00	6.30E+00
TM	15	L11286-02	8/16/2006	Co-60	2.00E-01	2.20E+00	7.80E+00
TM	15	L11286-02	8/16/2006	Cr-51	-1.20E+01	1.10E+01	4.00E+01
TM	15	L11286-02	8/16/2006	Cs-134	7.00E-01	2.00E+00	6.90E+00
TM	15	L11286-02	8/16/2006	Cs-137	2.20E+00	1.80E+00	5.90E+00
TM	15	L11286-02	8/16/2006	Fe-59	-1.40E+00	4.20E+00	1.50E+01
TM	15	L11286-02	8/16/2006	I-131	1.50E-01	2.10E-01	8.60E-01
TM	15	L11286-02	8/16/2006	I-131	-1.10E+00	2.60E+00	9.50E+00
TM	15	L11286-02	8/16/2006	K-40	1.63E+03	7.10E+01	9.00E+01 *
TM	15	L11286-02	8/16/2006	La-140	0.00E+00	3.00E+00	1.10E+01
TM	15	L11286-02	8/16/2006	Mn-54	1.50E+00	1.70E+00	6.00E+00
TM	15	L11286-02	8/16/2006	Nb-95	1.80E+00	1.90E+00	6.30E+00
TM	15	L11286-02	8/16/2006	Ru-103	-1.20E+00	1.50E+00	5.40E+00
TM	15	L11286-02	8/16/2006	Ru-106	-6.00E+00	1.40E+01	5.10E+01
TM	15	L11286-02	8/16/2006	Sb-124	0.00E+00	4.60E+00	1.70E+01
TM	15	L11286-02	8/16/2006	Sb-125	4.30E+00	3.90E+00	1.30E+01
TM	15	L11286-02	8/16/2006	Se-75	-9.00E-01	1.70E+00	6.10E+00
TM	15	L11286-02	8/16/2006	Zn-65	-5.00E-01	4.30E+00	1.60E+01
TM	15	L11286-02	8/16/2006	Zr-95	3.90E+00	2.60E+00	8.70E+00
TM	15	L11396-02	9/13/2006	AcTh-228	8.20E+00	6.80E+00	2.30E+01
TM	15	L11396-02	9/13/2006	Ag-108m	1.60E+00	1.50E+00	4.90E+00
TM	15	L11396-02	9/13/2006	Ag-110m	-3.00E-01	2.40E+00	8.60E+00
TM	15	L11396-02	9/13/2006	Ba-140	1.30E+00	2.20E+00	8.00E+00
TM	15	L11396-02	9/13/2006	Be-7	2.00E+00	1.50E+01	5.10E+01
TM	15	L11396-02	9/13/2006	Ce-141	3.80E+00	2.40E+00	7.90E+00
TM	15	L11396-02	9/13/2006	Ce-144	1.68E+01	9.30E+00	3.00E+01
TM	15	L11396-02	9/13/2006	Co-57	9.00E-01	1.20E+00	4.20E+00
TM	15	L11396-02	9/13/2006	Co-58	-1.20E+00	1.70E+00	6.40E+00
TM	15	L11396-02	9/13/2006	Co-60	3.30E+00	2.10E+00	7.00E+00
TM	15	L11396-02	9/13/2006	Cr-51	8.00E+00	1.50E+01	5.10E+01
TM	15	L11396-02	9/13/2006	Cs-134	0.00E+00	1.70E+00	6.30E+00
TM	15	L11396-02	9/13/2006	Cs-137	2.90E+00	1.90E+00	6.10E+00
TM	15	L11396-02	9/13/2006	Fe-59	-8.40E+00	4.20E+00	1.60E+01
TM	15	L11396-02	9/13/2006	I-131	2.40E+00	3.30E+00	1.10E+01
TM	15	L11396-02	9/13/2006	I-131	-2.00E-02	1.10E-01	6.90E-01
TM	15	L11396-02	9/13/2006	K-40	1.52E+03	6.70E+01	7.70E+01 *
TM	15	L11396-02	9/13/2006	La-140	1.50E+00	2.50E+00	9.20E+00
TM	15	L11396-02	9/13/2006	Mn-54	-1.30E+00	1.60E+00	6.20E+00
TM	15	L11396-02	9/13/2006	Nb-95	9.00E-01	2.10E+00	7.30E+00
TM	15	L11396-02	9/13/2006	Ru-103	1.00E-01	1.60E+00	5.70E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L11396-02	9/13/2006	Ru-106	-1.70E+01	1.70E+01	6.40E+01
TM	15	L11396-02	9/13/2006	Sb-124	-1.10E+00	4.30E+00	1.60E+01
TM	15	L11396-02	9/13/2006	Sb-125	4.00E+00	4.00E+00	1.40E+01
TM	15	L11396-02	9/13/2006	Se-75	1.00E+00	1.80E+00	6.30E+00
TM	15	L11396-02	9/13/2006	Zn-65	-2.50E+00	4.10E+00	1.50E+01
TM	15	L11396-02	9/13/2006	Zr-95	-7.00E-01	3.20E+00	1.10E+01
TM	15	L11477-02	9/27/2006	AcTh-228	1.35E+01	5.80E+00	1.90E+01
TM	15	L11477-02	9/27/2006	Ag-108m	3.00E-01	1.20E+00	4.00E+00
TM	15	L11477-02	9/27/2006	Ag-110m	-3.30E+00	2.00E+00	7.60E+00
TM	15	L11477-02	9/27/2006	Ba-140	-2.90E+00	2.90E+00	1.10E+01
TM	15	L11477-02	9/27/2006	Be-7	9.00E+00	1.20E+01	4.00E+01
TM	15	L11477-02	9/27/2006	Ce-141	8.00E-01	2.20E+00	7.60E+00
TM	15	L11477-02	9/27/2006	Ce-144	5.70E+00	7.30E+00	2.50E+01
TM	15	L11477-02	9/27/2006	Co-57	-6.70E-01	9.10E-01	3.20E+00
TM	15	L11477-02	9/27/2006	Co-58	-4.00E-01	1.40E+00	5.20E+00
TM	15	L11477-02	9/27/2006	Co-60	2.00E+00	1.80E+00	6.20E+00
TM	15	L11477-02	9/27/2006	Cr-51	-1.00E+01	1.40E+01	5.00E+01
TM	15	L11477-02	9/27/2006	Cs-134	1.00E-01	1.50E+00	5.30E+00
TM	15	L11477-02	9/27/2006	Cs-137	-1.00E+00	1.60E+00	5.60E+00
TM	15	L11477-02	9/27/2006	Fe-59	2.10E+00	3.50E+00	1.20E+01
TM	15	L11477-02	9/27/2006	I-131	3.20E+00	3.90E+00	1.30E+01
TM	15	L11477-02	9/27/2006	I-131	2.30E-01	2.20E-01	8.20E-01
TM	15	L11477-02	9/27/2006	K-40	1.50E+03	5.80E+01	7.70E+01 *
TM	15	L11477-02	9/27/2006	La-140	-3.30E+00	3.30E+00	1.30E+01
TM	15	L11477-02	9/27/2006	Mn-54	7.00E-01	1.50E+00	5.20E+00
TM	15	L11477-02	9/27/2006	Nb-95	1.10E+00	1.70E+00	6.00E+00
TM	15	L11477-02	9/27/2006	Ru-103	-1.50E+00	1.60E+00	5.90E+00
TM	15	L11477-02	9/27/2006	Ru-106	-5.00E+00	1.40E+01	4.90E+01
TM	15	L11477-02	9/27/2006	Sb-124	-5.00E+00	3.30E+00	1.40E+01
TM	15	L11477-02	9/27/2006	Sb-125	1.50E+00	3.40E+00	1.20E+01
TM	15	L11477-02	9/27/2006	Se-75	-2.00E+00	1.70E+00	6.00E+00
TM	15	L11477-02	9/27/2006	Zn-65	4.00E+00	3.60E+00	1.20E+01
TM	15	L11477-02	9/27/2006	Zr-95	1.00E+00	2.60E+00	9.00E+00
TM	15	L11515-02	10/11/2006	AcTh-228	1.00E+00	8.10E+00	2.90E+01
TM	15	L11515-02	10/11/2006	Ag-108m	-3.00E-01	1.50E+00	5.40E+00
TM	15	L11515-02	10/11/2006	Ag-110m	-7.00E-01	2.70E+00	1.00E+01
TM	15	L11515-02	10/11/2006	Ba-140	-1.80E+00	3.40E+00	1.30E+01
TM	15	L11515-02	10/11/2006	Be-7	-8.00E+00	1.50E+01	5.50E+01
TM	15	L11515-02	10/11/2006	Ce-141	-1.60E+00	2.50E+00	8.90E+00
TM	15	L11515-02	10/11/2006	Ce-144	5.00E+00	9.60E+00	3.30E+01
TM	15	L11515-02	10/11/2006	Co-57	2.30E+00	1.20E+00	3.80E+00
TM	15	L11515-02	10/11/2006	Co-58	0.00E+00	2.00E+00	7.20E+00
TM	15	L11515-02	10/11/2006	Co-60	-6.00E-01	2.50E+00	9.40E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L11515-0210/11/2006		Cr-51	-7.00E+00	1.50E+01	5.40E+01
TM	15	L11515-0210/11/2006		Cs-134	-3.90E+00	1.90E+00	7.90E+00
TM	15	L11515-0210/11/2006		Cs-137	2.60E+00	2.00E+00	6.60E+00
TM	15	L11515-0210/11/2006		Fe-59	3.00E+00	4.90E+00	1.70E+01
TM	15	L11515-0210/11/2006		I-131	-3.56E-02	8.30E-03	5.80E-01
TM	15	L11515-0210/11/2006		I-131	-5.00E+00	3.20E+00	1.20E+01
TM	15	L11515-0210/11/2006		K-40	1.46E+03	7.60E+01	9.10E+01 *
TM	15	L11515-0210/11/2006		La-140	-2.00E+00	3.90E+00	1.50E+01
TM	15	L11515-0210/11/2006		Mn-54	1.50E+00	2.10E+00	7.10E+00
TM	15	L11515-0210/11/2006		Nb-95	-2.70E+00	2.30E+00	8.90E+00
TM	15	L11515-0210/11/2006		Ru-103	-1.70E+00	1.80E+00	6.80E+00
TM	15	L11515-0210/11/2006		Ru-106	1.60E+01	1.90E+01	6.40E+01
TM	15	L11515-0210/11/2006		Sb-124	-2.00E+00	4.80E+00	1.90E+01
TM	15	L11515-0210/11/2006		Sb-125	-4.50E+00	4.70E+00	1.70E+01
TM	15	L11515-0210/11/2006		Se-75	2.00E-01	1.90E+00	6.50E+00
TM	15	L11515-0210/11/2006		Zn-65	-1.80E+00	4.90E+00	1.80E+01
TM	15	L11515-0210/11/2006		Zr-95	3.60E+00	3.60E+00	1.20E+01
TM	15	L11660-02 11/8/2006		AcTh-228	-9.80E+00	7.00E+00	2.70E+01
TM	15	L11660-02 11/8/2006		Ag-108m	-3.00E-01	1.30E+00	4.60E+00
TM	15	L11660-02 11/8/2006		Ag-110m	1.70E+00	2.60E+00	8.80E+00
TM	15	L11660-02 11/8/2006		Ba-140	4.80E+00	2.90E+00	9.40E+00
TM	15	L11660-02 11/8/2006		Be-7	-7.00E+00	1.40E+01	5.20E+01
TM	15	L11660-02 11/8/2006		Ce-141	-3.90E+00	2.80E+00	1.00E+01
TM	15	L11660-02 11/8/2006		Ce-144	1.80E+01	1.00E+01	3.40E+01
TM	15	L11660-02 11/8/2006		Co-57	-1.10E+00	1.40E+00	4.80E+00
TM	15	L11660-02 11/8/2006		Co-58	2.00E-01	1.90E+00	6.90E+00
TM	15	L11660-02 11/8/2006		Co-60	-3.00E-01	2.20E+00	7.90E+00
TM	15	L11660-02 11/8/2006		Cr-51	1.80E+01	1.60E+01	5.50E+01
TM	15	L11660-02 11/8/2006		Cs-134	-9.00E-01	2.00E+00	7.40E+00
TM	15	L11660-02 11/8/2006		Cs-137	1.60E+00	1.70E+00	5.80E+00
TM	15	L11660-02 11/8/2006		Fe-59	-4.30E+00	4.50E+00	1.70E+01
TM	15	L11660-02 11/8/2006		I-131	4.30E+00	3.50E+00	1.20E+01
TM	15	L11660-02 11/8/2006		I-131	-4.00E-02	1.20E-01	7.50E-01
TM	15	L11660-02 11/8/2006		K-40	1.55E+03	7.10E+01	9.70E+01 *
TM	15	L11660-02 11/8/2006		La-140	5.50E+00	3.30E+00	1.10E+01
TM	15	L11660-02 11/8/2006		Mn-54	-8.00E-01	1.90E+00	7.00E+00
TM	15	L11660-02 11/8/2006		Nb-95	-1.60E+00	2.40E+00	8.60E+00
TM	15	L11660-02 11/8/2006		Ru-103	-6.30E+00	2.10E+00	8.30E+00
TM	15	L11660-02 11/8/2006		Ru-106	-3.90E+01	1.60E+01	6.40E+01
TM	15	L11660-02 11/8/2006		Sb-124	8.00E-01	4.70E+00	1.70E+01
TM	15	L11660-02 11/8/2006		Sb-125	-5.30E+00	4.60E+00	1.70E+01
TM	15	L11660-02 11/8/2006		Se-75	3.20E+00	2.40E+00	7.90E+00
TM	15	L11660-02 11/8/2006		Zn-65	5.90E+00	8.90E+00	3.00E+01
TM	15	L11660-02 11/8/2006		Zr-95	0.00E+00	3.40E+00	1.20E+01
TM	15	L11783-02 12/6/2006		AcTh-228	-9.50E+00	5.70E+00	2.10E+01
TM	15	L11783-02 12/6/2006		Ag-108m	1.00E-01	1.00E+00	3.60E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	15	L11783-02	12/6/2006	Ag-110m	2.60E+00	2.00E+00	6.60E+00
TM	15	L11783-02	12/6/2006	Ba-140	3.70E+00	2.80E+00	9.20E+00
TM	15	L11783-02	12/6/2006	Be-7	1.00E+00	1.10E+01	3.70E+01
TM	15	L11783-02	12/6/2006	Ce-141	-2.90E+00	3.00E+00	1.00E+01
TM	15	L11783-02	12/6/2006	Ce-144	3.90E+00	6.30E+00	2.10E+01
TM	15	L11783-02	12/6/2006	Co-57	1.10E+00	8.20E-01	2.70E+00
TM	15	L11783-02	12/6/2006	Co-58	1.00E-01	1.50E+00	5.10E+00
TM	15	L11783-02	12/6/2006	Co-60	-5.00E-01	1.70E+00	6.20E+00
TM	15	L11783-02	12/6/2006	Cr-51	4.00E+00	1.10E+01	3.70E+01
TM	15	L11783-02	12/6/2006	Cs-134	-1.40E+00	1.20E+00	4.30E+00
TM	15	L11783-02	12/6/2006	Cs-137	1.80E+00	1.30E+00	4.30E+00
TM	15	L11783-02	12/6/2006	Fe-59	2.30E+00	3.60E+00	1.20E+01
TM	15	L11783-02	12/6/2006	I-131	-4.20E+00	3.10E+00	1.10E+01
TM	15	L11783-02	12/6/2006	I-131	-1.03E-01	1.80E-02	7.30E-01
TM	15	L11783-02	12/6/2006	K-40	1.42E+03	5.20E+01	7.60E+01 *
TM	15	L11783-02	12/6/2006	La-140	4.30E+00	3.20E+00	1.10E+01
TM	15	L11783-02	12/6/2006	Mn-54	-1.10E+00	1.40E+00	4.90E+00
TM	15	L11783-02	12/6/2006	Nb-95	3.20E+00	1.70E+00	5.70E+00
TM	15	L11783-02	12/6/2006	Ru-103	-3.70E+00	1.40E+00	5.20E+00
TM	15	L11783-02	12/6/2006	Ru-106	9.00E+00	1.10E+01	3.80E+01
TM	15	L11783-02	12/6/2006	Sb-124	3.60E+00	3.80E+00	1.30E+01
TM	15	L11783-02	12/6/2006	Sb-125	1.40E+00	3.30E+00	1.10E+01
TM	15	L11783-02	12/6/2006	Se-75	-1.30E+00	1.30E+00	4.60E+00
TM	15	L11783-02	12/6/2006	Zn-65	8.00E-01	4.80E+00	1.60E+01
TM	15	L11783-02	12/6/2006	Zr-95	5.80E+00	2.70E+00	8.50E+00
TM	20	L10431-03	1/18/2006	AcTh-228	1.19E+01	7.30E+00	2.40E+01
TM	20	L10431-03	1/18/2006	Ag-108m	4.00E-01	1.40E+00	5.00E+00
TM	20	L10431-03	1/18/2006	Ag-110m	4.30E+00	2.40E+00	7.60E+00
TM	20	L10431-03	1/18/2006	Ba-140	-1.50E+00	2.60E+00	1.10E+01
TM	20	L10431-03	1/18/2006	Be-7	-1.00E+01	1.50E+01	5.70E+01
TM	20	L10431-03	1/18/2006	Ce-141	-7.00E-01	2.50E+00	8.80E+00
TM	20	L10431-03	1/18/2006	Ce-144	-8.70E+00	9.10E+00	3.30E+01
TM	20	L10431-03	1/18/2006	Co-57	-3.50E+00	1.10E+00	4.50E+00
TM	20	L10431-03	1/18/2006	Co-58	-5.00E-01	1.50E+00	6.00E+00
TM	20	L10431-03	1/18/2006	Co-60	4.00E-01	2.30E+00	8.70E+00
TM	20	L10431-03	1/18/2006	Cr-51	-2.80E+01	1.50E+01	5.80E+01
TM	20	L10431-03	1/18/2006	Cs-134	-2.00E-01	2.10E+00	8.00E+00
TM	20	L10431-03	1/18/2006	Cs-137	1.20E+00	1.80E+00	6.40E+00
TM	20	L10431-03	1/18/2006	Fe-59	-5.40E+00	5.00E+00	2.00E+01
TM	20	L10431-03	1/18/2006	I-131	-1.90E+00	2.80E+00	1.10E+01
TM	20	L10431-03	1/18/2006	I-131	-1.80E-01	3.40E-02	8.60E-01
TM	20	L10431-03	1/18/2006	K-40	1.15E+03	7.60E+01	8.50E+01 *
TM	20	L10431-03	1/18/2006	La-140	-1.70E+00	3.00E+00	1.30E+01
TM	20	L10431-03	1/18/2006	Mn-54	2.10E+00	2.00E+00	7.00E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L10431-03	1/18/2006	Nb-95	-7.00E-01	2.20E+00	8.40E+00
TM	20	L10431-03	1/18/2006	Ru-103	-1.80E+00	1.80E+00	7.20E+00
TM	20	L10431-03	1/18/2006	Ru-106	8.00E+00	1.50E+01	5.30E+01
TM	20	L10431-03	1/18/2006	Sb-124	1.20E+00	3.70E+00	1.50E+01
TM	20	L10431-03	1/18/2006	Sb-125	-6.00E-01	4.40E+00	1.60E+01
TM	20	L10431-03	1/18/2006	Se-75	1.50E+00	1.90E+00	6.60E+00
TM	20	L10431-03	1/18/2006	Zn-65	-1.41E+01	5.30E+00	2.30E+01
TM	20	L10431-03	1/18/2006	Zr-95	-5.00E-01	3.60E+00	1.40E+01
TM	20	L10533-03	2/15/2006	AcTh-228	-5.50E+00	7.20E+00	2.60E+01
TM	20	L10533-03	2/15/2006	Ag-108m	-1.80E+00	1.30E+00	4.80E+00
TM	20	L10533-03	2/15/2006	Ag-110m	1.00E+00	2.30E+00	8.10E+00
TM	20	L10533-03	2/15/2006	Ba-140	1.30E+00	2.00E+00	7.40E+00
TM	20	L10533-03	2/15/2006	Be-7	-1.10E+01	1.20E+01	4.50E+01
TM	20	L10533-03	2/15/2006	Ce-141	-2.60E+00	2.20E+00	7.80E+00
TM	20	L10533-03	2/15/2006	Ce-144	2.90E+00	8.20E+00	2.80E+01
TM	20	L10533-03	2/15/2006	Co-57	9.00E-01	1.10E+00	3.50E+00
TM	20	L10533-03	2/15/2006	Co-58	-2.10E+00	1.60E+00	6.20E+00
TM	20	L10533-03	2/15/2006	Co-60	3.00E+00	2.30E+00	7.80E+00
TM	20	L10533-03	2/15/2006	Cr-51	1.80E+01	1.40E+01	4.80E+01
TM	20	L10533-03	2/15/2006	Cs-134	-3.00E+00	1.80E+00	6.90E+00
TM	20	L10533-03	2/15/2006	Cs-137	-7.00E-01	1.70E+00	6.20E+00
TM	20	L10533-03	2/15/2006	Fe-59	7.20E+00	3.90E+00	1.30E+01
TM	20	L10533-03	2/15/2006	I-131	-9.00E-02	1.30E-01	6.70E-01
TM	20	L10533-03	2/15/2006	I-131	-2.00E-01	2.90E+00	1.00E+01
TM	20	L10533-03	2/15/2006	K-40	1.33E+03	6.50E+01	9.20E+01 *
TM	20	L10533-03	2/15/2006	La-140	1.50E+00	2.30E+00	8.50E+00
TM	20	L10533-03	2/15/2006	Mn-54	-5.00E-01	1.60E+00	5.80E+00
TM	20	L10533-03	2/15/2006	Nb-95	3.10E+00	1.80E+00	5.80E+00
TM	20	L10533-03	2/15/2006	Ru-103	-1.10E+00	1.70E+00	6.00E+00
TM	20	L10533-03	2/15/2006	Ru-106	1.30E+01	1.50E+01	5.30E+01
TM	20	L10533-03	2/15/2006	Sb-124	6.60E+00	4.40E+00	1.40E+01
TM	20	L10533-03	2/15/2006	Sb-125	-7.00E-01	4.00E+00	1.40E+01
TM	20	L10533-03	2/15/2006	Se-75	6.00E-01	1.70E+00	5.70E+00
TM	20	L10533-03	2/15/2006	Zn-65	-2.30E+00	4.40E+00	1.60E+01
TM	20	L10533-03	2/15/2006	Zr-95	2.20E+00	2.90E+00	1.00E+01
TM	20	L10610-03	3/15/2006	AcTh-228	1.49E+01	6.80E+00	2.20E+01
TM	20	L10610-03	3/15/2006	Ag-108m	2.00E-01	1.30E+00	4.50E+00
TM	20	L10610-03	3/15/2006	Ag-110m	1.80E+00	2.30E+00	8.00E+00
TM	20	L10610-03	3/15/2006	Ba-140	-3.50E+00	2.50E+00	1.00E+01
TM	20	L10610-03	3/15/2006	Be-7	-2.00E+00	1.30E+01	4.60E+01
TM	20	L10610-03	3/15/2006	Ce-141	-8.00E-01	2.20E+00	7.60E+00
TM	20	L10610-03	3/15/2006	Ce-144	4.00E+00	7.70E+00	2.60E+01
TM	20	L10610-03	3/15/2006	Co-57	5.90E-01	9.60E-01	3.20E+00
TM	20	L10610-03	3/15/2006	Co-58	-2.20E+00	1.70E+00	6.30E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L10610-03	3/15/2006	Co-60	-3.70E+00	2.50E+00	9.40E+00
TM	20	L10610-03	3/15/2006	Cr-51	1.00E+00	1.40E+01	4.90E+01
TM	20	L10610-03	3/15/2006	Cs-134	1.80E+00	1.80E+00	6.00E+00
TM	20	L10610-03	3/15/2006	Cs-137	1.50E+00	1.80E+00	6.10E+00
TM	20	L10610-03	3/15/2006	Fe-59	-2.70E+00	3.90E+00	1.50E+01
TM	20	L10610-03	3/15/2006	I-131	1.90E-01	1.90E-01	7.10E-01
TM	20	L10610-03	3/15/2006	I-131	1.50E+00	2.90E+00	9.80E+00
TM	20	L10610-03	3/15/2006	K-40	1.25E+03	6.40E+01	9.30E+01 *
TM	20	L10610-03	3/15/2006	La-140	-4.10E+00	2.90E+00	1.20E+01
TM	20	L10610-03	3/15/2006	Mn-54	-1.00E-01	1.60E+00	5.90E+00
TM	20	L10610-03	3/15/2006	Nb-95	-1.30E+00	1.80E+00	6.60E+00
TM	20	L10610-03	3/15/2006	Ru-103	2.00E+00	1.70E+00	5.70E+00
TM	20	L10610-03	3/15/2006	Ru-106	1.30E+01	1.60E+01	5.60E+01
TM	20	L10610-03	3/15/2006	Sb-124	-2.90E+00	3.70E+00	1.50E+01
TM	20	L10610-03	3/15/2006	Sb-125	-1.60E+00	3.90E+00	1.40E+01
TM	20	L10610-03	3/15/2006	Se-75	-6.00E-01	1.70E+00	6.00E+00
TM	20	L10610-03	3/15/2006	Zn-65	-7.70E+00	4.30E+00	1.70E+01
TM	20	L10610-03	3/15/2006	Zr-95	-7.00E-01	3.00E+00	1.10E+01
TM	20	L10681-01	3/29/2006	AcTh-228	-9.90E+00	8.50E+00	3.40E+01
TM	20	L10681-01	3/29/2006	Ag-108m	-7.00E-01	1.80E+00	6.80E+00
TM	20	L10681-01	3/29/2006	Ag-110m	7.10E+00	3.70E+00	1.20E+01
TM	20	L10681-01	3/29/2006	Ba-140	3.00E-01	3.30E+00	1.30E+01
TM	20	L10681-01	3/29/2006	Be-7	4.50E+01	2.00E+01	6.10E+01
TM	20	L10681-01	3/29/2006	Ce-141	-2.30E+00	3.40E+00	1.20E+01
TM	20	L10681-01	3/29/2006	Ce-144	-1.00E+01	1.30E+01	4.60E+01
TM	20	L10681-01	3/29/2006	Co-57	6.00E-01	1.70E+00	5.90E+00
TM	20	L10681-01	3/29/2006	Co-58	2.40E+00	2.60E+00	9.10E+00
TM	20	L10681-01	3/29/2006	Co-60	3.70E+00	2.90E+00	9.90E+00
TM	20	L10681-01	3/29/2006	Cr-51	-3.00E+00	2.20E+01	8.00E+01
TM	20	L10681-01	3/29/2006	Cs-134	-4.40E+00	2.30E+00	9.90E+00
TM	20	L10681-01	3/29/2006	Cs-137	2.50E+00	2.90E+00	1.00E+01
TM	20	L10681-01	3/29/2006	Fe-59	5.10E+00	5.40E+00	1.90E+01
TM	20	L10681-01	3/29/2006	I-131	6.20E+00	4.00E+00	1.30E+01
TM	20	L10681-01	3/29/2006	I-131	1.00E-02	1.40E-01	8.00E-01
TM	20	L10681-01	3/29/2006	K-40	1.33E+03	9.10E+01	1.30E+02 *
TM	20	L10681-01	3/29/2006	La-140	4.00E-01	3.80E+00	1.50E+01
TM	20	L10681-01	3/29/2006	Mn-54	3.40E+00	2.10E+00	6.80E+00
TM	20	L10681-01	3/29/2006	Nb-95	4.00E-01	3.20E+00	1.20E+01
TM	20	L10681-01	3/29/2006	Ru-103	-2.20E+00	2.60E+00	9.70E+00
TM	20	L10681-01	3/29/2006	Ru-106	2.80E+01	2.10E+01	7.20E+01
TM	20	L10681-01	3/29/2006	Sb-124	1.09E+01	5.90E+00	1.80E+01
TM	20	L10681-01	3/29/2006	Sb-125	5.40E+00	6.30E+00	2.20E+01
TM	20	L10681-01	3/29/2006	Se-75	2.20E+00	2.80E+00	9.60E+00
TM	20	L10681-01	3/29/2006	Zn-65	-8.60E+00	5.40E+00	2.30E+01
TM	20	L10681-01	3/29/2006	Zr-95	-5.40E+00	4.60E+00	1.80E+01
TM	20	L10728-03	4/12/2006	AcTh-228	1.20E+01	7.30E+00	2.40E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L10728-03	4/12/2006	Ag-108m	-5.00E-01	1.30E+00	4.80E+00
TM	20	L10728-03	4/12/2006	Ag-110m	5.00E-01	2.40E+00	8.40E+00
TM	20	L10728-03	4/12/2006	Ba-140	-1.80E+00	2.50E+00	9.90E+00
TM	20	L10728-03	4/12/2006	Be-7	-1.10E+01	1.20E+01	4.40E+01
TM	20	L10728-03	4/12/2006	Ce-141	2.80E+00	2.40E+00	7.80E+00
TM	20	L10728-03	4/12/2006	Ce-144	4.30E+00	8.50E+00	2.90E+01
TM	20	L10728-03	4/12/2006	Co-57	1.10E+00	1.10E+00	3.70E+00
TM	20	L10728-03	4/12/2006	Co-58	1.60E+00	1.50E+00	5.20E+00
TM	20	L10728-03	4/12/2006	Co-60	5.00E-01	2.30E+00	8.30E+00
TM	20	L10728-03	4/12/2006	Cr-51	6.00E+00	1.50E+01	5.00E+01
TM	20	L10728-03	4/12/2006	Cs-134	-1.80E+00	1.80E+00	6.90E+00
TM	20	L10728-03	4/12/2006	Cs-137	5.00E-01	1.90E+00	6.50E+00
TM	20	L10728-03	4/12/2006	Fe-59	1.80E+00	4.00E+00	1.40E+01
TM	20	L10728-03	4/12/2006	I-131	-1.07E-01	1.80E-02	7.20E-01
TM	20	L10728-03	4/12/2006	I-131	-2.10E+00	2.70E+00	9.90E+00
TM	20	L10728-03	4/12/2006	K-40	1.30E+03	6.50E+01	9.40E+01 *
TM	20	L10728-03	4/12/2006	La-140	-2.10E+00	2.80E+00	1.10E+01
TM	20	L10728-03	4/12/2006	Mn-54	9.00E-01	1.90E+00	6.60E+00
TM	20	L10728-03	4/12/2006	Nb-95	-1.20E+00	1.80E+00	6.80E+00
TM	20	L10728-03	4/12/2006	Ru-103	6.00E-01	1.60E+00	5.70E+00
TM	20	L10728-03	4/12/2006	Ru-106	-7.00E+00	1.50E+01	5.60E+01
TM	20	L10728-03	4/12/2006	Sb-124	-6.70E+00	4.40E+00	1.80E+01
TM	20	L10728-03	4/12/2006	Sb-125	-7.10E+00	4.00E+00	1.50E+01
TM	20	L10728-03	4/12/2006	Se-75	-2.00E-01	1.90E+00	6.60E+00
TM	20	L10728-03	4/12/2006	Zn-65	5.00E-01	4.00E+00	1.40E+01
TM	20	L10728-03	4/12/2006	Zr-95	3.80E+00	3.00E+00	1.00E+01
TM	20	L10801-03	4/26/2006	AcTh-228	3.00E+00	9.20E+00	3.30E+01
TM	20	L10801-03	4/26/2006	Ag-108m	-1.80E+00	1.60E+00	6.30E+00
TM	20	L10801-03	4/26/2006	Ag-110m	-2.90E+00	3.70E+00	1.40E+01
TM	20	L10801-03	4/26/2006	Ba-140	2.50E+00	3.60E+00	1.30E+01
TM	20	L10801-03	4/26/2006	Be-7	2.10E+01	1.80E+01	6.20E+01
TM	20	L10801-03	4/26/2006	Ce-141	4.60E+00	3.30E+00	1.10E+01
TM	20	L10801-03	4/26/2006	Ce-144	5.00E+00	1.10E+01	3.70E+01
TM	20	L10801-03	4/26/2006	Co-57	-5.00E-01	1.30E+00	4.60E+00
TM	20	L10801-03	4/26/2006	Co-58	-2.40E+00	2.00E+00	8.00E+00
TM	20	L10801-03	4/26/2006	Co-60	3.60E+00	3.40E+00	1.20E+01
TM	20	L10801-03	4/26/2006	Cr-51	5.00E+00	1.90E+01	6.70E+01
TM	20	L10801-03	4/26/2006	Cs-134	9.00E-01	2.70E+00	9.80E+00
TM	20	L10801-03	4/26/2006	Cs-137	8.00E-01	2.30E+00	8.20E+00
TM	20	L10801-03	4/26/2006	Fe-59	6.60E+00	6.10E+00	2.10E+01
TM	20	L10801-03	4/26/2006	I-131	5.00E-02	1.00E-01	4.50E-01
TM	20	L10801-03	4/26/2006	I-131	6.50E+00	3.80E+00	1.20E+01
TM	20	L10801-03	4/26/2006	K-40	1.33E+03	8.70E+01	1.20E+02 *
TM	20	L10801-03	4/26/2006	La-140	2.80E+00	4.10E+00	1.50E+01
TM	20	L10801-03	4/26/2006	Mn-54	-6.00E-01	2.10E+00	8.00E+00
TM	20	L10801-03	4/26/2006	Nb-95	-1.50E+00	2.40E+00	9.20E+00
TM	20	L10801-03	4/26/2006	Ru-103	-2.90E+00	2.30E+00	8.80E+00
TM	20	L10801-03	4/26/2006	Ru-106	1.20E+01	2.20E+01	7.70E+01
TM	20	L10801-03	4/26/2006	Sb-124	2.70E+00	5.10E+00	1.90E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L10801-03	4/26/2006	Sb-125	1.04E+01	5.30E+00	1.70E+01
TM	20	L10801-03	4/26/2006	Se-75	-7.00E-01	2.20E+00	7.90E+00
TM	20	L10801-03	4/26/2006	Zn-65	4.20E+00	5.50E+00	1.90E+01
TM	20	L10801-03	4/26/2006	Zr-95	1.00E-01	3.80E+00	1.40E+01
TM	20	L10858-03	5/10/2006	AcTh-228	2.20E+00	7.30E+00	2.60E+01
TM	20	L10858-03	5/10/2006	Ag-108m	2.50E+00	1.50E+00	5.00E+00
TM	20	L10858-03	5/10/2006	Ag-110m	-3.00E-01	2.50E+00	9.00E+00
TM	20	L10858-03	5/10/2006	Ba-140	-1.40E+00	2.50E+00	9.90E+00
TM	20	L10858-03	5/10/2006	Be-7	1.70E+01	1.60E+01	5.50E+01
TM	20	L10858-03	5/10/2006	Ce-141	-2.10E+00	3.10E+00	1.10E+01
TM	20	L10858-03	5/10/2006	Ce-144	-5.10E+00	9.80E+00	3.50E+01
TM	20	L10858-03	5/10/2006	Co-57	-1.70E+00	1.30E+00	4.80E+00
TM	20	L10858-03	5/10/2006	Co-58	-5.00E+00	2.00E+00	8.00E+00
TM	20	L10858-03	5/10/2006	Co-60	2.80E+00	2.40E+00	8.10E+00
TM	20	L10858-03	5/10/2006	Cr-51	1.50E+01	1.80E+01	6.00E+01
TM	20	L10858-03	5/10/2006	Cs-134	1.40E+00	2.00E+00	6.80E+00
TM	20	L10858-03	5/10/2006	Cs-137	-4.00E-01	1.90E+00	6.80E+00
TM	20	L10858-03	5/10/2006	Fe-59	-5.00E-01	5.00E+00	1.80E+01
TM	20	L10858-03	5/10/2006	I-131	3.50E+00	3.50E+00	1.20E+01
TM	20	L10858-03	5/10/2006	I-131	-1.15E-01	1.80E-02	7.90E-01
TM	20	L10858-03	5/10/2006	K-40	1.24E+03	6.60E+01	9.20E+01
TM	20	L10858-03	5/10/2006	La-140	-1.60E+00	2.80E+00	1.10E+01
TM	20	L10858-03	5/10/2006	Mn-54	0.00E+00	1.90E+00	6.70E+00
TM	20	L10858-03	5/10/2006	Nb-95	-5.00E-01	2.10E+00	7.70E+00
TM	20	L10858-03	5/10/2006	Ru-103	-2.60E+00	2.20E+00	8.10E+00
TM	20	L10858-03	5/10/2006	Ru-106	3.00E+00	1.90E+01	6.60E+01
TM	20	L10858-03	5/10/2006	Sb-124	0.00E+00	4.40E+00	1.70E+01
TM	20	L10858-03	5/10/2006	Sb-125	5.00E-01	4.60E+00	1.60E+01
TM	20	L10858-03	5/10/2006	Se-75	-2.60E+00	2.40E+00	8.70E+00
TM	20	L10858-03	5/10/2006	Zn-65	-8.50E+00	5.30E+00	2.00E+01
TM	20	L10858-03	5/10/2006	Zr-95	1.20E+00	3.50E+00	1.20E+01
TM	20	L10927-03	5/24/2006	AcTh-228	1.40E+00	7.60E+00	2.80E+01
TM	20	L10927-03	5/24/2006	Ag-108m	-1.00E+00	1.70E+00	6.20E+00
TM	20	L10927-03	5/24/2006	Ag-110m	-9.00E-01	3.10E+00	1.20E+01
TM	20	L10927-03	5/24/2006	Ba-140	4.00E+00	4.00E+00	1.40E+01
TM	20	L10927-03	5/24/2006	Be-7	-2.80E+01	1.80E+01	7.10E+01
TM	20	L10927-03	5/24/2006	Ce-141	-2.90E+00	2.80E+00	1.00E+01
TM	20	L10927-03	5/24/2006	Ce-144	-2.40E+01	1.00E+01	3.90E+01
TM	20	L10927-03	5/24/2006	Co-57	1.00E-01	1.30E+00	4.60E+00
TM	20	L10927-03	5/24/2006	Co-58	-2.50E+00	2.10E+00	8.30E+00
TM	20	L10927-03	5/24/2006	Co-60	-2.70E+00	3.20E+00	1.20E+01
TM	20	L10927-03	5/24/2006	Cr-51	1.30E+01	1.90E+01	6.40E+01
TM	20	L10927-03	5/24/2006	Cs-134	0.00E+00	2.50E+00	9.10E+00
TM	20	L10927-03	5/24/2006	Cs-137	1.30E+00	2.50E+00	8.90E+00
TM	20	L10927-03	5/24/2006	Fe-59	-5.60E+00	5.30E+00	2.10E+01
TM	20	L10927-03	5/24/2006	I-131	5.20E+00	3.80E+00	1.30E+01
TM	20	L10927-03	5/24/2006	I-131	-8.00E-02	1.20E-01	8.10E-01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L10927-03	5/24/2006	K-40	1.25E+03	8.30E+01	1.10E+02 *
TM	20	L10927-03	5/24/2006	La-140	4.50E+00	4.50E+00	1.60E+01
TM	20	L10927-03	5/24/2006	Mn-54	0.00E+00	2.00E+00	7.60E+00
TM	20	L10927-03	5/24/2006	Nb-95	-3.40E+00	2.50E+00	9.90E+00
TM	20	L10927-03	5/24/2006	Ru-103	5.00E-01	2.10E+00	7.50E+00
TM	20	L10927-03	5/24/2006	Ru-106	-3.00E+01	2.20E+01	8.50E+01
TM	20	L10927-03	5/24/2006	Sb-124	4.00E+00	5.40E+00	2.00E+01
TM	20	L10927-03	5/24/2006	Sb-125	4.10E+00	5.60E+00	1.90E+01
TM	20	L10927-03	5/24/2006	Se-75	-8.00E-01	2.00E+00	7.40E+00
TM	20	L10927-03	5/24/2006	Zn-65	-8.20E+00	5.40E+00	2.20E+01
TM	20	L10927-03	5/24/2006	Zr-95	5.00E-01	3.50E+00	1.30E+01
TM	20	L10982-03	6/7/2006	AcTh-228	-2.70E+01	1.30E+01	5.40E+01
TM	20	L10982-03	6/7/2006	Ag-108m	-3.00E-01	2.50E+00	9.30E+00
TM	20	L10982-03	6/7/2006	Ag-110m	-5.90E+00	4.40E+00	1.80E+01
TM	20	L10982-03	6/7/2006	Ba-140	6.90E+00	3.90E+00	1.20E+01
TM	20	L10982-03	6/7/2006	Be-7	-3.70E+01	2.30E+01	9.30E+01
TM	20	L10982-03	6/7/2006	Ce-141	4.00E+00	4.10E+00	1.40E+01
TM	20	L10982-03	6/7/2006	Ce-144	1.20E+01	1.50E+01	5.00E+01
TM	20	L10982-03	6/7/2006	Co-57	4.10E+00	1.80E+00	5.90E+00
TM	20	L10982-03	6/7/2006	Co-58	5.40E+00	3.00E+00	9.70E+00
TM	20	L10982-03	6/7/2006	Co-60	-1.40E+00	4.30E+00	1.60E+01
TM	20	L10982-03	6/7/2006	Cr-51	5.00E+00	2.10E+01	7.50E+01
TM	20	L10982-03	6/7/2006	Cs-134	-3.20E+00	3.40E+00	1.40E+01
TM	20	L10982-03	6/7/2006	Cs-137	5.00E-01	3.20E+00	1.20E+01
TM	20	L10982-03	6/7/2006	Fe-59	-5.40E+00	6.60E+00	2.70E+01
TM	20	L10982-03	6/7/2006	I-131	1.70E-01	1.70E-01	6.20E-01
TM	20	L10982-03	6/7/2006	I-131	-4.70E+00	4.80E+00	1.80E+01
TM	20	L10982-03	6/7/2006	K-40	1.31E+03	1.20E+02	2.10E+02 *
TM	20	L10982-03	6/7/2006	La-140	7.90E+00	4.50E+00	1.30E+01
TM	20	L10982-03	6/7/2006	Mn-54	1.70E+00	3.00E+00	1.10E+01
TM	20	L10982-03	6/7/2006	Nb-95	-1.70E+00	4.50E+00	1.70E+01
TM	20	L10982-03	6/7/2006	Ru-103	-2.10E+00	2.50E+00	9.80E+00
TM	20	L10982-03	6/7/2006	Ru-106	2.10E+01	2.30E+01	8.10E+01
TM	20	L10982-03	6/7/2006	Sb-124	4.40E+00	5.40E+00	2.00E+01
TM	20	L10982-03	6/7/2006	Sb-125	2.00E+00	7.30E+00	2.60E+01
TM	20	L10982-03	6/7/2006	Se-75	-3.20E+00	3.10E+00	1.20E+01
TM	20	L10982-03	6/7/2006	Zn-65	-5.50E+00	7.90E+00	3.10E+01
TM	20	L10982-03	6/7/2006	Zr-95	-7.40E+00	5.60E+00	2.30E+01
TM	20	L11021-03	6/20/2006	AcTh-228	4.00E-01	7.90E+00	2.90E+01
TM	20	L11021-03	6/20/2006	Ag-108m	2.20E+00	1.80E+00	6.10E+00
TM	20	L11021-03	6/20/2006	Ag-110m	8.00E-01	2.60E+00	9.40E+00
TM	20	L11021-03	6/20/2006	Ba-140	-1.40E+00	2.90E+00	1.20E+01
TM	20	L11021-03	6/20/2006	Be-7	3.00E+00	1.50E+01	5.30E+01
TM	20	L11021-03	6/20/2006	Ce-141	1.20E+00	2.40E+00	8.10E+00
TM	20	L11021-03	6/20/2006	Ce-144	1.67E+01	8.60E+00	2.80E+01
TM	20	L11021-03	6/20/2006	Co-57	-4.00E-01	1.10E+00	3.80E+00
TM	20	L11021-03	6/20/2006	Co-58	3.00E+00	2.30E+00	7.80E+00
TM	20	L11021-03	6/20/2006	Co-60	-2.60E+00	2.40E+00	9.60E+00
TM	20	L11021-03	6/20/2006	Cr-51	-3.00E+01	1.40E+01	5.40E+01
TM	20	L11021-03	6/20/2006	Cs-134	-3.60E+00	2.10E+00	8.60E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L11021-03	6/20/2006	Cs-137	8.00E-01	2.10E+00	7.40E+00
TM	20	L11021-03	6/20/2006	Fe-59	6.30E+00	5.30E+00	1.80E+01
TM	20	L11021-03	6/20/2006	I-131	1.90E+00	3.30E+00	1.20E+01
TM	20	L11021-03	6/20/2006	I-131	0.00E+00	1.60E-01	9.40E-01
TM	20	L11021-03	6/20/2006	K-40	1.11E+03	7.50E+01	1.20E+02 *
TM	20	L11021-03	6/20/2006	La-140	-1.60E+00	3.40E+00	1.40E+01
TM	20	L11021-03	6/20/2006	Mn-54	3.10E+00	2.30E+00	7.70E+00
TM	20	L11021-03	6/20/2006	Nb-95	-1.10E+00	2.20E+00	8.20E+00
TM	20	L11021-03	6/20/2006	Ru-103	-2.40E+00	2.00E+00	7.50E+00
TM	20	L11021-03	6/20/2006	Ru-106	-1.90E+01	1.70E+01	6.50E+01
TM	20	L11021-03	6/20/2006	Sb-124	1.04E+01	5.00E+00	1.50E+01
TM	20	L11021-03	6/20/2006	Sb-125	-2.50E+00	4.90E+00	1.80E+01
TM	20	L11021-03	6/20/2006	Se-75	-2.00E+00	1.90E+00	7.00E+00
TM	20	L11021-03	6/20/2006	Zn-65	2.80E+00	4.70E+00	1.70E+01
TM	20	L11021-03	6/20/2006	Zr-95	-4.00E+00	3.60E+00	1.40E+01
TM	20	L11085-03	7/5/2006	AcTh-228	-6.40E+00	7.20E+00	2.80E+01
TM	20	L11085-03	7/5/2006	Ag-108m	-4.00E-01	1.40E+00	5.10E+00
TM	20	L11085-03	7/5/2006	Ag-110m	-2.40E+00	2.40E+00	9.50E+00
TM	20	L11085-03	7/5/2006	Ba-140	-3.30E+00	2.40E+00	1.10E+01
TM	20	L11085-03	7/5/2006	Be-7	2.00E+01	1.40E+01	4.80E+01
TM	20	L11085-03	7/5/2006	Ce-141	-1.00E-01	2.60E+00	9.10E+00
TM	20	L11085-03	7/5/2006	Ce-144	-9.60E+00	9.50E+00	3.40E+01
TM	20	L11085-03	7/5/2006	Co-57	-1.40E+00	1.20E+00	4.20E+00
TM	20	L11085-03	7/5/2006	Co-58	1.50E+00	1.60E+00	5.70E+00
TM	20	L11085-03	7/5/2006	Co-60	8.00E-01	2.70E+00	9.70E+00
TM	20	L11085-03	7/5/2006	Cr-51	-3.00E+00	1.40E+01	5.10E+01
TM	20	L11085-03	7/5/2006	Cs-134	-2.80E+00	1.70E+00	7.30E+00
TM	20	L11085-03	7/5/2006	Cs-137	-4.00E-01	1.90E+00	7.10E+00
TM	20	L11085-03	7/5/2006	Fe-59	-4.80E+00	4.60E+00	1.80E+01
TM	20	L11085-03	7/5/2006	I-131	-1.70E+00	3.30E+00	1.20E+01
TM	20	L11085-03	7/5/2006	I-131	-1.01E-01	1.60E-02	7.60E-01
TM	20	L11085-03	7/5/2006	K-40	1.34E+03	7.60E+01	6.60E+01 *
TM	20	L11085-03	7/5/2006	La-140	-3.80E+00	2.70E+00	1.30E+01
TM	20	L11085-03	7/5/2006	Mn-54	-6.00E-01	1.70E+00	6.40E+00
TM	20	L11085-03	7/5/2006	Nb-95	3.00E-01	2.00E+00	7.10E+00
TM	20	L11085-03	7/5/2006	Ru-103	-3.00E+00	1.80E+00	7.30E+00
TM	20	L11085-03	7/5/2006	Ru-106	1.20E+01	1.60E+01	5.40E+01
TM	20	L11085-03	7/5/2006	Sb-124	-1.10E+00	2.90E+00	1.30E+01
TM	20	L11085-03	7/5/2006	Sb-125	0.00E+00	4.40E+00	1.60E+01
TM	20	L11085-03	7/5/2006	Se-75	2.30E+00	1.90E+00	6.30E+00
TM	20	L11085-03	7/5/2006	Zn-65	4.20E+00	4.50E+00	1.60E+01
TM	20	L11085-03	7/5/2006	Zr-95	-1.10E+00	2.90E+00	1.10E+01
TM	20	L11163-03	7/19/2006	AcTh-228	-1.13E+01	9.20E+00	3.60E+01
TM	20	L11163-03	7/19/2006	Ag-108m	-6.00E-01	1.60E+00	6.00E+00
TM	20	L11163-03	7/19/2006	Ag-110m	7.00E-01	2.80E+00	1.00E+01
TM	20	L11163-03	7/19/2006	Ba-140	9.00E-01	3.30E+00	1.30E+01
TM	20	L11163-03	7/19/2006	Be-7	-4.00E+00	1.60E+01	5.90E+01
TM	20	L11163-03	7/19/2006	Ce-141	-1.90E+00	2.70E+00	9.50E+00
TM	20	L11163-03	7/19/2006	Ce-144	-1.00E+00	9.20E+00	3.20E+01
TM	20	L11163-03	7/19/2006	Co-57	-1.80E+00	1.10E+00	4.20E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L11163-03	7/19/2006	Co-58	-2.00E-01	2.20E+00	8.40E+00
TM	20	L11163-03	7/19/2006	Co-60	5.50E+00	3.00E+00	9.70E+00
TM	20	L11163-03	7/19/2006	Cr-51	2.50E+01	1.60E+01	5.40E+01
TM	20	L11163-03	7/19/2006	Cs-134	2.00E-01	2.90E+00	1.10E+01
TM	20	L11163-03	7/19/2006	Cs-137	6.00E-01	2.10E+00	7.50E+00
TM	20	L11163-03	7/19/2006	Fe-59	0.00E+00	5.00E+00	1.90E+01
TM	20	L11163-03	7/19/2006	I-131	3.00E-01	2.60E-01	9.00E-01
TM	20	L11163-03	7/19/2006	I-131	2.50E+00	3.40E+00	1.20E+01
TM	20	L11163-03	7/19/2006	K-40	1.32E+03	9.00E+01	1.30E+02 *
TM	20	L11163-03	7/19/2006	La-140	1.00E+00	3.80E+00	1.50E+01
TM	20	L11163-03	7/19/2006	Mn-54	1.70E+00	2.40E+00	8.50E+00
TM	20	L11163-03	7/19/2006	Nb-95	7.00E-01	2.90E+00	1.00E+01
TM	20	L11163-03	7/19/2006	Ru-103	1.90E+00	2.50E+00	8.50E+00
TM	20	L11163-03	7/19/2006	Ru-106	-3.20E+01	2.00E+01	7.90E+01
TM	20	L11163-03	7/19/2006	Sb-124	-2.80E+00	5.30E+00	2.30E+01
TM	20	L11163-03	7/19/2006	Sb-125	-2.50E+00	5.60E+00	2.10E+01
TM	20	L11163-03	7/19/2006	Se-75	-3.00E-01	2.00E+00	7.10E+00
TM	20	L11163-03	7/19/2006	Zn-65	-9.70E+00	5.20E+00	2.20E+01
TM	20	L11163-03	7/19/2006	Zr-95	1.50E+00	3.80E+00	1.40E+01
TM	20	L11234-03	8/3/2006	AcTh-228	4.60E+00	7.10E+00	2.50E+01
TM	20	L11234-03	8/3/2006	Ag-108m	-2.50E+00	1.50E+00	5.70E+00
TM	20	L11234-03	8/3/2006	Ag-110m	1.00E+00	2.40E+00	8.70E+00
TM	20	L11234-03	8/3/2006	Ba-140	-6.00E-01	3.10E+00	1.20E+01
TM	20	L11234-03	8/3/2006	Be-7	-2.00E+01	1.80E+01	6.50E+01
TM	20	L11234-03	8/3/2006	Ce-141	-2.50E+00	3.40E+00	1.20E+01
TM	20	L11234-03	8/3/2006	Ce-144	4.00E+00	1.10E+01	3.60E+01
TM	20	L11234-03	8/3/2006	Co-57	-2.00E-01	1.30E+00	4.40E+00
TM	20	L11234-03	8/3/2006	Co-58	-3.70E+00	1.90E+00	7.70E+00
TM	20	L11234-03	8/3/2006	Co-60	1.30E+00	2.40E+00	8.50E+00
TM	20	L11234-03	8/3/2006	Cr-51	6.00E+00	1.90E+01	6.60E+01
TM	20	L11234-03	8/3/2006	Cs-134	-2.00E-01	2.20E+00	8.00E+00
TM	20	L11234-03	8/3/2006	Cs-137	2.30E+00	1.80E+00	6.10E+00
TM	20	L11234-03	8/3/2006	Fe-59	-1.00E-01	4.40E+00	1.60E+01
TM	20	L11234-03	8/3/2006	I-131	3.00E-02	1.40E-01	7.90E-01
TM	20	L11234-03	8/3/2006	I-131	0.00E+00	4.20E+00	1.50E+01
TM	20	L11234-03	8/3/2006	K-40	1.37E+03	6.90E+01	8.00E+01 *
TM	20	L11234-03	8/3/2006	La-140	-7.00E-01	3.50E+00	1.40E+01
TM	20	L11234-03	8/3/2006	Mn-54	-2.30E+00	1.70E+00	6.70E+00
TM	20	L11234-03	8/3/2006	Nb-95	-3.00E-01	2.00E+00	7.50E+00
TM	20	L11234-03	8/3/2006	Ru-103	-8.00E-01	2.30E+00	8.10E+00
TM	20	L11234-03	8/3/2006	Ru-106	-8.00E+00	1.90E+01	6.90E+01
TM	20	L11234-03	8/3/2006	Sb-124	6.00E+00	3.90E+00	1.30E+01
TM	20	L11234-03	8/3/2006	Sb-125	-4.80E+00	4.80E+00	1.80E+01
TM	20	L11234-03	8/3/2006	Se-75	-5.00E-01	2.40E+00	8.60E+00
TM	20	L11234-03	8/3/2006	Zn-65	9.90E+00	5.00E+00	1.60E+01
TM	20	L11234-03	8/3/2006	Zr-95	4.00E-01	3.00E+00	1.10E+01
TM	20	L11286-03	8/16/2006	AcTh-228	6.90E+00	6.90E+00	2.40E+01
TM	20	L11286-03	8/16/2006	Ag-108m	-5.00E-01	1.30E+00	4.70E+00
TM	20	L11286-03	8/16/2006	Ag-110m	5.00E-01	2.60E+00	9.00E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L11286-03	8/16/2006	Ba-140	-2.30E+00	2.60E+00	1.00E+01
TM	20	L11286-03	8/16/2006	Be-7	-2.90E+01	1.30E+01	4.90E+01
TM	20	L11286-03	8/16/2006	Ce-141	2.60E+00	2.20E+00	7.30E+00
TM	20	L11286-03	8/16/2006	Ce-144	-7.60E+00	7.80E+00	2.70E+01
TM	20	L11286-03	8/16/2006	Co-57	3.00E-01	1.00E+00	3.40E+00
TM	20	L11286-03	8/16/2006	Co-58	-2.80E+00	1.60E+00	6.30E+00
TM	20	L11286-03	8/16/2006	Co-60	-1.40E+00	2.20E+00	8.30E+00
TM	20	L11286-03	8/16/2006	Cr-51	-4.00E+00	1.40E+01	4.80E+01
TM	20	L11286-03	8/16/2006	Cs-134	1.00E-01	1.70E+00	6.00E+00
TM	20	L11286-03	8/16/2006	Cs-137	-4.00E-01	1.90E+00	6.70E+00
TM	20	L11286-03	8/16/2006	Fe-59	1.80E+00	3.90E+00	1.40E+01
TM	20	L11286-03	8/16/2006	I-131	-1.20E-01	1.30E-01	9.10E-01
TM	20	L11286-03	8/16/2006	I-131	1.80E+00	3.10E+00	1.10E+01
TM	20	L11286-03	8/16/2006	K-40	1.28E+03	6.40E+01	9.20E+01 *
TM	20	L11286-03	8/16/2006	La-140	-2.70E+00	3.00E+00	1.20E+01
TM	20	L11286-03	8/16/2006	Mn-54	-1.10E+00	1.50E+00	5.60E+00
TM	20	L11286-03	8/16/2006	Nb-95	-3.00E-01	1.90E+00	6.70E+00
TM	20	L11286-03	8/16/2006	Ru-103	-2.60E+00	1.70E+00	6.20E+00
TM	20	L11286-03	8/16/2006	Ru-106	-3.80E+01	1.50E+01	5.90E+01
TM	20	L11286-03	8/16/2006	Sb-124	1.50E+00	4.10E+00	1.50E+01
TM	20	L11286-03	8/16/2006	Sb-125	-7.20E+00	3.90E+00	1.50E+01
TM	20	L11286-03	8/16/2006	Se-75	2.30E+00	1.80E+00	6.00E+00
TM	20	L11286-03	8/16/2006	Zn-65	2.30E+00	4.10E+00	1.40E+01
TM	20	L11286-03	8/16/2006	Zr-95	-1.90E+00	2.70E+00	1.00E+01
TM	20	L11396-03	9/13/2006	AcTh-228	-2.70E+00	6.80E+00	2.50E+01
TM	20	L11396-03	9/13/2006	Ag-108m	-1.00E+00	1.40E+00	5.10E+00
TM	20	L11396-03	9/13/2006	Ag-110m	9.00E-01	2.60E+00	9.40E+00
TM	20	L11396-03	9/13/2006	Ba-140	2.00E+00	2.20E+00	7.90E+00
TM	20	L11396-03	9/13/2006	Be-7	-4.00E+00	1.30E+01	4.80E+01
TM	20	L11396-03	9/13/2006	Ce-141	-1.00E-01	2.90E+00	9.90E+00
TM	20	L11396-03	9/13/2006	Ce-144	6.60E+00	9.70E+00	3.30E+01
TM	20	L11396-03	9/13/2006	Co-57	1.10E+00	1.30E+00	4.40E+00
TM	20	L11396-03	9/13/2006	Co-58	2.00E+00	2.10E+00	7.30E+00
TM	20	L11396-03	9/13/2006	Co-60	7.00E-01	2.20E+00	7.90E+00
TM	20	L11396-03	9/13/2006	Cr-51	9.00E+00	1.60E+01	5.50E+01
TM	20	L11396-03	9/13/2006	Cs-134	9.00E-01	1.90E+00	6.60E+00
TM	20	L11396-03	9/13/2006	Cs-137	-1.10E+00	1.60E+00	6.10E+00
TM	20	L11396-03	9/13/2006	Fe-59	1.30E+00	4.20E+00	1.50E+01
TM	20	L11396-03	9/13/2006	I-131	9.00E-01	3.30E+00	1.10E+01
TM	20	L11396-03	9/13/2006	I-131	3.20E-01	2.10E-01	6.50E-01
TM	20	L11396-03	9/13/2006	K-40	1.33E+03	6.80E+01	9.50E+01 *
TM	20	L11396-03	9/13/2006	La-140	2.30E+00	2.60E+00	9.10E+00
TM	20	L11396-03	9/13/2006	Mn-54	-3.10E+00	1.80E+00	7.00E+00
TM	20	L11396-03	9/13/2006	Nb-95	2.70E+00	2.30E+00	7.60E+00
TM	20	L11396-03	9/13/2006	Ru-103	8.00E-01	2.10E+00	7.20E+00
TM	20	L11396-03	9/13/2006	Ru-106	8.00E+00	1.40E+01	5.10E+01
TM	20	L11396-03	9/13/2006	Sb-124	3.20E+00	3.00E+00	1.00E+01
TM	20	L11396-03	9/13/2006	Sb-125	2.50E+00	4.50E+00	1.60E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L11396-03	9/13/2006	Se-75	9.00E-01	2.20E+00	7.70E+00
TM	20	L11396-03	9/13/2006	Zn-65	-5.60E+00	4.10E+00	1.60E+01
TM	20	L11396-03	9/13/2006	Zr-95	5.70E+00	3.10E+00	1.00E+01
TM	20	L11477-03	9/27/2006	AcTh-228	1.48E+01	7.20E+00	2.30E+01
TM	20	L11477-03	9/27/2006	Ag-108m	2.00E-01	1.10E+00	3.70E+00
TM	20	L11477-03	9/27/2006	Ag-110m	-1.40E+00	2.00E+00	7.40E+00
TM	20	L11477-03	9/27/2006	Ba-140	2.70E+00	2.80E+00	9.80E+00
TM	20	L11477-03	9/27/2006	Be-7	3.00E+00	1.10E+01	3.90E+01
TM	20	L11477-03	9/27/2006	Ce-141	-3.20E+00	2.00E+00	7.10E+00
TM	20	L11477-03	9/27/2006	Ce-144	-6.60E+00	6.00E+00	2.10E+01
TM	20	L11477-03	9/27/2006	Co-57	5.80E-01	7.50E-01	2.50E+00
TM	20	L11477-03	9/27/2006	Co-58	-1.90E+00	1.40E+00	5.50E+00
TM	20	L11477-03	9/27/2006	Co-60	-8.00E-01	1.90E+00	7.00E+00
TM	20	L11477-03	9/27/2006	Cr-51	-1.20E+01	1.10E+01	4.00E+01
TM	20	L11477-03	9/27/2006	Cs-134	1.90E+00	1.60E+00	5.50E+00
TM	20	L11477-03	9/27/2006	Cs-137	1.10E+00	1.40E+00	4.90E+00
TM	20	L11477-03	9/27/2006	Fe-59	-6.10E+00	4.10E+00	1.50E+01
TM	20	L11477-03	9/27/2006	I-131	-4.00E-02	1.30E-01	8.30E-01
TM	20	L11477-03	9/27/2006	I-131	1.80E+00	3.10E+00	1.10E+01
TM	20	L11477-03	9/27/2006	K-40	1.31E+03	5.70E+01	7.50E+01 *
TM	20	L11477-03	9/27/2006	La-140	3.10E+00	3.30E+00	1.10E+01
TM	20	L11477-03	9/27/2006	Mn-54	-1.10E+00	1.60E+00	5.90E+00
TM	20	L11477-03	9/27/2006	Nb-95	3.70E+00	1.80E+00	5.80E+00
TM	20	L11477-03	9/27/2006	Ru-103	-9.00E-01	1.40E+00	5.10E+00
TM	20	L11477-03	9/27/2006	Ru-106	-1.60E+01	1.20E+01	4.30E+01
TM	20	L11477-03	9/27/2006	Sb-124	3.10E+00	3.90E+00	1.40E+01
TM	20	L11477-03	9/27/2006	Sb-125	2.60E+00	3.20E+00	1.10E+01
TM	20	L11477-03	9/27/2006	Se-75	-2.00E-01	1.60E+00	5.50E+00
TM	20	L11477-03	9/27/2006	Zn-65	-5.90E+00	3.60E+00	1.40E+01
TM	20	L11477-03	9/27/2006	Zr-95	6.40E+00	3.00E+00	9.60E+00
TM	20	L11515-0310/11/2006	9/11/2006	AcTh-228	-1.40E+01	7.40E+00	2.90E+01
TM	20	L11515-0310/11/2006	9/11/2006	Ag-108m	-1.20E+00	1.60E+00	5.70E+00
TM	20	L11515-0310/11/2006	9/11/2006	Ag-110m	2.20E+00	2.60E+00	9.00E+00
TM	20	L11515-0310/11/2006	9/11/2006	Ba-140	4.80E+00	2.60E+00	8.40E+00
TM	20	L11515-0310/11/2006	9/11/2006	Be-7	0.00E+00	1.80E+01	6.30E+01
TM	20	L11515-0310/11/2006	9/11/2006	Ce-141	1.70E+00	3.00E+00	1.00E+01
TM	20	L11515-0310/11/2006	9/11/2006	Ce-144	-6.00E+00	1.00E+01	3.60E+01
TM	20	L11515-0310/11/2006	9/11/2006	Co-57	1.00E+00	1.30E+00	4.50E+00
TM	20	L11515-0310/11/2006	9/11/2006	Co-58	2.00E-01	1.80E+00	6.50E+00
TM	20	L11515-0310/11/2006	9/11/2006	Co-60	-1.40E+00	1.70E+00	6.90E+00
TM	20	L11515-0310/11/2006	9/11/2006	Cr-51	-1.70E+01	1.80E+01	6.40E+01
TM	20	L11515-0310/11/2006	9/11/2006	Cs-134	-7.00E-01	2.10E+00	7.80E+00
TM	20	L11515-0310/11/2006	9/11/2006	Cs-137	2.80E+00	1.90E+00	6.20E+00
TM	20	L11515-0310/11/2006	9/11/2006	Fe-59	6.70E+00	4.30E+00	1.40E+01
TM	20	L11515-0310/11/2006	9/11/2006	I-131	7.00E-02	1.50E-01	7.40E-01
TM	20	L11515-0310/11/2006	9/11/2006	I-131	-4.70E+00	3.40E+00	1.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L11515-0310/11/2006		K-40	1.30E+03	6.80E+01	9.50E+01 *
TM	20	L11515-0310/11/2006		La-140	5.50E+00	3.00E+00	9.60E+00
TM	20	L11515-0310/11/2006		Mn-54	-2.80E+00	1.80E+00	7.00E+00
TM	20	L11515-0310/11/2006		Nb-95	0.00E+00	2.10E+00	7.70E+00
TM	20	L11515-0310/11/2006		Ru-103	-4.70E+00	2.30E+00	8.60E+00
TM	20	L11515-0310/11/2006		Ru-106	-2.00E+00	1.80E+01	6.50E+01
TM	20	L11515-0310/11/2006		Sb-124	3.90E+00	4.10E+00	1.40E+01
TM	20	L11515-0310/11/2006		Sb-125	-3.10E+00	4.50E+00	1.70E+01
TM	20	L11515-0310/11/2006		Se-75	1.80E+00	2.30E+00	7.90E+00
TM	20	L11515-0310/11/2006		Zn-65	-5.60E+00	5.20E+00	1.90E+01
TM	20	L11515-0310/11/2006		Zr-95	-5.80E+00	3.30E+00	1.30E+01
TM	20	L11660-03 11/8/2006		AcTh-228	-7.30E+00	7.70E+00	2.90E+01
TM	20	L11660-03 11/8/2006		Ag-108m	1.40E+00	1.60E+00	5.40E+00
TM	20	L11660-03 11/8/2006		Ag-110m	-3.60E+00	2.90E+00	1.10E+01
TM	20	L11660-03 11/8/2006		Ba-140	-3.00E+00	3.60E+00	1.40E+01
TM	20	L11660-03 11/8/2006		Be-7	-6.00E+00	1.60E+01	5.80E+01
TM	20	L11660-03 11/8/2006		Ce-141	4.00E+00	2.60E+00	8.70E+00
TM	20	L11660-03 11/8/2006		Ce-144	1.05E+01	9.80E+00	3.30E+01
TM	20	L11660-03 11/8/2006		Co-57	2.20E+00	1.20E+00	4.10E+00
TM	20	L11660-03 11/8/2006		Co-58	-6.00E-01	2.00E+00	7.20E+00
TM	20	L11660-03 11/8/2006		Co-60	2.60E+00	2.60E+00	8.90E+00
TM	20	L11660-03 11/8/2006		Cr-51	2.20E+01	1.60E+01	5.20E+01
TM	20	L11660-03 11/8/2006		Cs-134	6.70E+00	2.30E+00	7.10E+00
TM	20	L11660-03 11/8/2006		Cs-137	-6.00E-01	2.10E+00	7.50E+00
TM	20	L11660-03 11/8/2006		Fe-59	-5.30E+00	5.00E+00	1.90E+01
TM	20	L11660-03 11/8/2006		I-131	3.70E+00	3.30E+00	1.10E+01
TM	20	L11660-03 11/8/2006		I-131	4.00E-02	1.60E-01	7.60E-01
TM	20	L11660-03 11/8/2006		K-40	1.32E+03	7.50E+01	1.10E+02 *
TM	20	L11660-03 11/8/2006		La-140	-3.50E+00	4.10E+00	1.60E+01
TM	20	L11660-03 11/8/2006		Mn-54	1.00E-01	1.70E+00	6.30E+00
TM	20	L11660-03 11/8/2006		Nb-95	-2.60E+00	2.40E+00	8.90E+00
TM	20	L11660-03 11/8/2006		Ru-103	4.00E-01	2.80E+00	9.60E+00
TM	20	L11660-03 11/8/2006		Ru-106	-2.00E+00	1.70E+01	6.00E+01
TM	20	L11660-03 11/8/2006		Sb-124	1.00E+00	4.80E+00	1.80E+01
TM	20	L11660-03 11/8/2006		Sb-125	-3.00E+00	4.60E+00	1.70E+01
TM	20	L11660-03 11/8/2006		Se-75	-2.90E+00	2.10E+00	7.50E+00
TM	20	L11660-03 11/8/2006		Zn-65	-5.90E+00	4.80E+00	1.90E+01
TM	20	L11660-03 11/8/2006		Zr-95	1.00E-01	3.50E+00	1.30E+01
TM	20	L11783-03 12/6/2006		AcTh-228	-5.60E+00	3.50E+00	1.20E+01
TM	20	L11783-03 12/6/2006		Ag-108m	1.80E-01	7.70E-01	2.60E+00
TM	20	L11783-03 12/6/2006		Ag-110m	-1.00E+00	1.10E+00	4.00E+00
TM	20	L11783-03 12/6/2006		Ba-140	4.00E-01	1.60E+00	5.60E+00
TM	20	L11783-03 12/6/2006		Be-7	-4.90E+00	7.70E+00	2.70E+01
TM	20	L11783-03 12/6/2006		Ce-141	1.10E+00	1.20E+00	3.90E+00
TM	20	L11783-03 12/6/2006		Ce-144	7.40E+00	4.70E+00	1.50E+01
TM	20	L11783-03 12/6/2006		Co-57	6.20E-01	6.10E-01	2.00E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	20	L11783-03	12/6/2006	Co-58	6.00E-01	1.20E+00	3.90E+00
TM	20	L11783-03	12/6/2006	Co-60	-1.55E+00	8.90E-01	3.30E+00
TM	20	L11783-03	12/6/2006	Cr-51	1.80E+00	9.20E+00	3.10E+01
TM	20	L11783-03	12/6/2006	Cs-134	3.00E-01	1.30E+00	4.30E+00
TM	20	L11783-03	12/6/2006	Cs-137	1.84E+00	9.80E-01	3.20E+00
TM	20	L11783-03	12/6/2006	Fe-59	-4.30E+00	2.40E+00	8.50E+00
TM	20	L11783-03	12/6/2006	I-131	3.00E-02	1.30E-01	7.50E-01
TM	20	L11783-03	12/6/2006	I-131	8.00E-01	2.50E+00	8.40E+00
TM	20	L11783-03	12/6/2006	K-40	1.33E+03	3.20E+01	4.00E+01 *
TM	20	L11783-03	12/6/2006	La-140	5.00E-01	1.80E+00	6.40E+00
TM	20	L11783-03	12/6/2006	Mn-54	5.30E-01	8.30E-01	2.80E+00
TM	20	L11783-03	12/6/2006	Nb-95	-7.00E-01	1.10E+00	3.90E+00
TM	20	L11783-03	12/6/2006	Ru-103	-1.11E+00	9.60E-01	3.40E+00
TM	20	L11783-03	12/6/2006	Ru-106	1.37E+01	7.90E+00	2.60E+01
TM	20	L11783-03	12/6/2006	Sb-124	1.70E+00	2.20E+00	7.30E+00
TM	20	L11783-03	12/6/2006	Sb-125	-2.70E+00	2.20E+00	7.80E+00
TM	20	L11783-03	12/6/2006	Se-75	7.20E-01	9.80E-01	3.30E+00
TM	20	L11783-03	12/6/2006	Zn-65	-2.00E+00	2.00E+00	7.20E+00
TM	20	L11783-03	12/6/2006	Zr-95	3.00E-01	1.60E+00	5.40E+00
TM	23	L10431-04	1/18/2006	AcTh-228	5.10E+00	6.70E+00	2.30E+01
TM	23	L10431-04	1/18/2006	Ag-108m	-1.00E-01	1.30E+00	4.70E+00
TM	23	L10431-04	1/18/2006	Ag-110m	-3.50E+00	2.10E+00	8.50E+00
TM	23	L10431-04	1/18/2006	Ba-140	-1.90E+00	1.80E+00	7.90E+00
TM	23	L10431-04	1/18/2006	Be-7	5.00E+00	1.30E+01	4.50E+01
TM	23	L10431-04	1/18/2006	Ce-141	-3.00E+00	2.90E+00	1.10E+01
TM	23	L10431-04	1/18/2006	Ce-144	1.50E+00	9.40E+00	3.30E+01
TM	23	L10431-04	1/18/2006	Co-57	1.90E+00	1.40E+00	4.50E+00
TM	23	L10431-04	1/18/2006	Co-58	2.00E-01	1.50E+00	5.40E+00
TM	23	L10431-04	1/18/2006	Co-60	-9.00E-01	2.10E+00	7.80E+00
TM	23	L10431-04	1/18/2006	Cr-51	2.30E+01	1.50E+01	4.80E+01
TM	23	L10431-04	1/18/2006	Cs-134	2.00E-01	1.50E+00	5.50E+00
TM	23	L10431-04	1/18/2006	Cs-137	-4.00E-01	1.40E+00	5.40E+00
TM	23	L10431-04	1/18/2006	Fe-59	-3.50E+00	4.20E+00	1.60E+01
TM	23	L10431-04	1/18/2006	I-131	1.90E+00	3.00E+00	1.00E+01
TM	23	L10431-04	1/18/2006	I-131	-1.57E-01	3.00E-02	7.70E-01
TM	23	L10431-04	1/18/2006	K-40	1.35E+03	6.50E+01	6.10E+01 *
TM	23	L10431-04	1/18/2006	La-140	-2.20E+00	2.00E+00	9.10E+00
TM	23	L10431-04	1/18/2006	Mn-54	-1.10E+00	1.30E+00	5.30E+00
TM	23	L10431-04	1/18/2006	Nb-95	1.00E+00	1.60E+00	5.70E+00
TM	23	L10431-04	1/18/2006	Ru-103	7.00E-01	1.70E+00	5.90E+00
TM	23	L10431-04	1/18/2006	Ru-106	-3.00E+00	1.40E+01	5.00E+01
TM	23	L10431-04	1/18/2006	Sb-124	2.30E+00	2.60E+00	9.30E+00
TM	23	L10431-04	1/18/2006	Sb-125	4.30E+00	3.70E+00	1.30E+01
TM	23	L10431-04	1/18/2006	Se-75	1.60E+00	1.90E+00	6.50E+00
TM	23	L10431-04	1/18/2006	Zn-65	-2.20E+00	3.90E+00	1.50E+01
TM	23	L10431-04	1/18/2006	Zr-95	1.20E+00	2.60E+00	9.40E+00
TM	23	L10533-04	2/15/2006	AcTh-228	1.30E+00	7.70E+00	2.70E+01
TM	23	L10533-04	2/15/2006	Ag-108m	-1.90E+00	1.50E+00	5.60E+00
TM	23	L10533-04	2/15/2006	Ag-110m	-6.00E-01	2.60E+00	9.40E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L10533-04	2/15/2006	Ba-140	3.40E+00	2.60E+00	8.70E+00
TM	23	L10533-04	2/15/2006	Be-7	6.00E+00	1.70E+01	5.90E+01
TM	23	L10533-04	2/15/2006	Ce-141	-2.80E+00	2.90E+00	1.00E+01
TM	23	L10533-04	2/15/2006	Ce-144	-1.78E+01	9.30E+00	3.50E+01
TM	23	L10533-04	2/15/2006	Co-57	1.90E+00	1.40E+00	4.60E+00
TM	23	L10533-04	2/15/2006	Co-58	0.00E+00	1.70E+00	6.10E+00
TM	23	L10533-04	2/15/2006	Co-60	8.00E-01	2.40E+00	8.60E+00
TM	23	L10533-04	2/15/2006	Cr-51	-1.20E+01	1.70E+01	6.10E+01
TM	23	L10533-04	2/15/2006	Cs-134	-1.90E+00	2.00E+00	7.50E+00
TM	23	L10533-04	2/15/2006	Cs-137	4.90E+00	1.90E+00	5.70E+00
TM	23	L10533-04	2/15/2006	Fe-59	-4.00E-01	4.90E+00	1.80E+01
TM	23	L10533-04	2/15/2006	I-131	-2.10E+00	3.60E+00	1.30E+01
TM	23	L10533-04	2/15/2006	I-131	-1.00E-01	2.00E-02	7.70E-01
TM	23	L10533-04	2/15/2006	K-40	1.41E+03	7.00E+01	9.40E+01 *
TM	23	L10533-04	2/15/2006	La-140	3.90E+00	3.00E+00	1.00E+01
TM	23	L10533-04	2/15/2006	Mn-54	-2.00E-01	1.90E+00	6.80E+00
TM	23	L10533-04	2/15/2006	Nb-95	2.10E+00	2.20E+00	7.50E+00
TM	23	L10533-04	2/15/2006	Ru-103	6.00E-01	2.10E+00	7.40E+00
TM	23	L10533-04	2/15/2006	Ru-106	2.30E+01	1.80E+01	6.10E+01
TM	23	L10533-04	2/15/2006	Sb-124	-4.70E+00	3.50E+00	1.50E+01
TM	23	L10533-04	2/15/2006	Sb-125	-1.80E+00	4.50E+00	1.60E+01
TM	23	L10533-04	2/15/2006	Se-75	-2.30E+00	2.30E+00	8.40E+00
TM	23	L10533-04	2/15/2006	Zn-65	-3.10E+00	4.90E+00	1.80E+01
TM	23	L10533-04	2/15/2006	Zr-95	4.30E+00	3.70E+00	1.30E+01
TM	23	L10610-04	3/15/2006	AcTh-228	9.40E+00	7.10E+00	2.40E+01
TM	23	L10610-04	3/15/2006	Ag-108m	-2.10E+00	1.50E+00	5.70E+00
TM	23	L10610-04	3/15/2006	Ag-110m	-3.40E+00	2.70E+00	1.00E+01
TM	23	L10610-04	3/15/2006	Ba-140	-3.30E+00	2.30E+00	9.80E+00
TM	23	L10610-04	3/15/2006	Be-7	1.70E+01	1.60E+01	5.30E+01
TM	23	L10610-04	3/15/2006	Ce-141	-3.90E+00	3.10E+00	1.10E+01
TM	23	L10610-04	3/15/2006	Ce-144	-1.00E+00	1.00E+01	3.60E+01
TM	23	L10610-04	3/15/2006	Co-57	-1.50E+00	1.30E+00	4.50E+00
TM	23	L10610-04	3/15/2006	Co-58	1.40E+00	1.70E+00	6.00E+00
TM	23	L10610-04	3/15/2006	Co-60	1.60E+00	2.20E+00	7.60E+00
TM	23	L10610-04	3/15/2006	Cr-51	-1.10E+01	1.60E+01	5.90E+01
TM	23	L10610-04	3/15/2006	Cs-134	2.40E+00	2.00E+00	6.70E+00
TM	23	L10610-04	3/15/2006	Cs-137	1.40E+00	1.80E+00	6.10E+00
TM	23	L10610-04	3/15/2006	Fe-59	-3.70E+00	4.40E+00	1.70E+01
TM	23	L10610-04	3/15/2006	I-131	-1.42E-01	2.60E-02	9.00E-01
TM	23	L10610-04	3/15/2006	I-131	2.00E+00	3.40E+00	1.20E+01
TM	23	L10610-04	3/15/2006	K-40	1.36E+03	6.80E+01	9.20E+01 *
TM	23	L10610-04	3/15/2006	La-140	-3.80E+00	2.60E+00	1.10E+01
TM	23	L10610-04	3/15/2006	Mn-54	0.00E+00	2.00E+00	7.20E+00
TM	23	L10610-04	3/15/2006	Nb-95	-1.90E+00	2.00E+00	7.70E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L10610-04	3/15/2006	Ru-103	-2.70E+00	2.00E+00	7.60E+00
TM	23	L10610-04	3/15/2006	Ru-106	2.40E+01	1.60E+01	5.20E+01
TM	23	L10610-04	3/15/2006	Sb-124	-3.90E+00	3.40E+00	1.50E+01
TM	23	L10610-04	3/15/2006	Sb-125	0.00E+00	5.10E+00	1.80E+01
TM	23	L10610-04	3/15/2006	Se-75	-1.30E+00	2.20E+00	7.90E+00
TM	23	L10610-04	3/15/2006	Zn-65	-3.00E-01	4.30E+00	1.60E+01
TM	23	L10610-04	3/15/2006	Zr-95	-1.90E+00	3.40E+00	1.20E+01
TM	23	L10681-02	3/29/2006	AcTh-228	-2.90E+00	8.40E+00	3.10E+01
TM	23	L10681-02	3/29/2006	Ag-108m	-1.20E+00	1.70E+00	6.20E+00
TM	23	L10681-02	3/29/2006	Ag-110m	-1.50E+00	3.20E+00	1.20E+01
TM	23	L10681-02	3/29/2006	Ba-140	3.00E+00	2.60E+00	9.00E+00
TM	23	L10681-02	3/29/2006	Be-7	1.00E+01	1.80E+01	6.20E+01
TM	23	L10681-02	3/29/2006	Ce-141	-6.00E-01	2.30E+00	8.30E+00
TM	23	L10681-02	3/29/2006	Ce-144	7.00E+00	1.10E+01	3.90E+01
TM	23	L10681-02	3/29/2006	Co-57	1.00E-01	1.50E+00	5.00E+00
TM	23	L10681-02	3/29/2006	Co-58	-5.00E-01	2.00E+00	7.40E+00
TM	23	L10681-02	3/29/2006	Co-60	3.20E+00	2.60E+00	8.70E+00
TM	23	L10681-02	3/29/2006	Cr-51	8.00E+00	1.70E+01	5.80E+01
TM	23	L10681-02	3/29/2006	Cs-134	3.60E+00	2.40E+00	7.80E+00
TM	23	L10681-02	3/29/2006	Cs-137	2.00E-01	2.10E+00	7.60E+00
TM	23	L10681-02	3/29/2006	Fe-59	-7.10E+00	5.30E+00	2.10E+01
TM	23	L10681-02	3/29/2006	I-131	-3.90E+00	4.00E+00	1.50E+01
TM	23	L10681-02	3/29/2006	I-131	-1.27E-01	2.20E-02	7.40E-01
TM	23	L10681-02	3/29/2006	K-40	1.30E+03	7.40E+01	1.10E+02 *
TM	23	L10681-02	3/29/2006	La-140	3.50E+00	3.00E+00	1.00E+01
TM	23	L10681-02	3/29/2006	Mn-54	0.00E+00	2.00E+00	7.40E+00
TM	23	L10681-02	3/29/2006	Nb-95	-3.20E+00	2.50E+00	9.60E+00
TM	23	L10681-02	3/29/2006	Ru-103	-2.50E+00	2.40E+00	8.80E+00
TM	23	L10681-02	3/29/2006	Ru-106	1.50E+01	2.00E+01	6.90E+01
TM	23	L10681-02	3/29/2006	Sb-124	4.80E+00	3.90E+00	1.30E+01
TM	23	L10681-02	3/29/2006	Sb-125	-3.60E+00	5.50E+00	2.00E+01
TM	23	L10681-02	3/29/2006	Se-75	2.20E+00	2.50E+00	8.40E+00
TM	23	L10681-02	3/29/2006	Zn-65	-7.80E+00	5.40E+00	2.10E+01
TM	23	L10681-02	3/29/2006	Zr-95	5.00E-01	3.40E+00	1.20E+01
TM	23	L10728-04	4/12/2006	AcTh-228	-2.00E-01	7.50E+00	2.70E+01
TM	23	L10728-04	4/12/2006	Ag-108m	4.00E-01	1.60E+00	5.60E+00
TM	23	L10728-04	4/12/2006	Ag-110m	-1.10E+00	2.40E+00	9.00E+00
TM	23	L10728-04	4/12/2006	Ba-140	-3.60E+00	2.90E+00	1.20E+01
TM	23	L10728-04	4/12/2006	Be-7	-6.00E+00	1.50E+01	5.50E+01
TM	23	L10728-04	4/12/2006	Ce-141	-1.70E+00	2.00E+00	7.10E+00
TM	23	L10728-04	4/12/2006	Ce-144	0.00E+00	7.30E+00	2.60E+01
TM	23	L10728-04	4/12/2006	Co-57	0.00E+00	1.00E+00	3.60E+00
TM	23	L10728-04	4/12/2006	Co-58	2.00E-01	1.70E+00	6.30E+00
TM	23	L10728-04	4/12/2006	Co-60	5.10E+00	2.80E+00	9.10E+00
TM	23	L10728-04	4/12/2006	Cr-51	4.00E+00	1.40E+01	4.90E+01
TM	23	L10728-04	4/12/2006	Cs-134	2.00E+00	2.00E+00	6.90E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L10728-04	4/12/2006	Cs-137	-9.00E-01	1.90E+00	6.90E+00
TM	23	L10728-04	4/12/2006	Fe-59	5.40E+00	5.00E+00	1.70E+01
TM	23	L10728-04	4/12/2006	I-131	-1.80E+00	2.70E+00	9.90E+00
TM	23	L10728-04	4/12/2006	I-131	-6.40E-02	1.20E-02	5.30E-01
TM	23	L10728-04	4/12/2006	K-40	1.27E+03	7.30E+01	9.50E+01 *
TM	23	L10728-04	4/12/2006	La-140	-4.10E+00	3.40E+00	1.40E+01
TM	23	L10728-04	4/12/2006	Mn-54	-3.80E+00	1.80E+00	7.40E+00
TM	23	L10728-04	4/12/2006	Nb-95	1.00E+00	2.10E+00	7.30E+00
TM	23	L10728-04	4/12/2006	Ru-103	-1.70E+00	1.90E+00	7.20E+00
TM	23	L10728-04	4/12/2006	Ru-106	-2.40E+01	1.50E+01	6.00E+01
TM	23	L10728-04	4/12/2006	Sb-124	1.00E+00	4.90E+00	1.90E+01
TM	23	L10728-04	4/12/2006	Sb-125	-5.70E+00	4.20E+00	1.60E+01
TM	23	L10728-04	4/12/2006	Se-75	-4.40E+00	1.90E+00	7.10E+00
TM	23	L10728-04	4/12/2006	Zn-65	5.50E+00	4.40E+00	1.50E+01
TM	23	L10728-04	4/12/2006	Zr-95	2.00E-01	3.50E+00	1.30E+01
TM	23	L10801-04	4/26/2006	AcTh-228	-5.00E+00	1.00E+01	3.80E+01
TM	23	L10801-04	4/26/2006	Ag-108m	2.00E-01	1.90E+00	6.70E+00
TM	23	L10801-04	4/26/2006	Ag-110m	5.00E-01	3.50E+00	1.30E+01
TM	23	L10801-04	4/26/2006	Ba-140	0.00E+00	3.10E+00	1.30E+01
TM	23	L10801-04	4/26/2006	Be-7	-1.00E+01	2.00E+01	7.30E+01
TM	23	L10801-04	4/26/2006	Ce-141	-1.40E+00	3.40E+00	1.20E+01
TM	23	L10801-04	4/26/2006	Ce-144	-2.80E+01	1.30E+01	5.00E+01
TM	23	L10801-04	4/26/2006	Co-57	2.70E+00	1.70E+00	5.50E+00
TM	23	L10801-04	4/26/2006	Co-58	3.90E+00	2.50E+00	8.20E+00
TM	23	L10801-04	4/26/2006	Co-60	1.30E+00	3.20E+00	1.10E+01
TM	23	L10801-04	4/26/2006	Cr-51	9.00E+00	2.20E+01	7.80E+01
TM	23	L10801-04	4/26/2006	Cs-134	8.00E-01	2.40E+00	8.80E+00
TM	23	L10801-04	4/26/2006	Cs-137	-2.00E+00	2.30E+00	8.90E+00
TM	23	L10801-04	4/26/2006	Fe-59	1.51E+01	5.60E+00	1.60E+01
TM	23	L10801-04	4/26/2006	I-131	7.00E-02	1.30E-01	5.80E-01
TM	23	L10801-04	4/26/2006	I-131	2.40E+00	4.30E+00	1.50E+01
TM	23	L10801-04	4/26/2006	K-40	1.33E+03	8.90E+01	1.20E+02 *
TM	23	L10801-04	4/26/2006	La-140	0.00E+00	3.60E+00	1.40E+01
TM	23	L10801-04	4/26/2006	Mn-54	7.00E-01	2.40E+00	8.90E+00
TM	23	L10801-04	4/26/2006	Nb-95	-2.00E+00	2.60E+00	1.00E+01
TM	23	L10801-04	4/26/2006	Ru-103	-2.10E+00	2.80E+00	1.00E+01
TM	23	L10801-04	4/26/2006	Ru-106	3.00E+00	2.10E+01	7.70E+01
TM	23	L10801-04	4/26/2006	Sb-124	-8.30E+00	6.20E+00	2.70E+01
TM	23	L10801-04	4/26/2006	Sb-125	3.70E+00	5.90E+00	2.00E+01
TM	23	L10801-04	4/26/2006	Se-75	1.60E+00	2.60E+00	9.10E+00
TM	23	L10801-04	4/26/2006	Zn-65	-9.00E-01	5.60E+00	2.10E+01
TM	23	L10801-04	4/26/2006	Zr-95	0.00E+00	4.30E+00	1.60E+01
TM	23	L10858-04	5/10/2006	AcTh-228	8.40E+00	7.50E+00	2.50E+01
TM	23	L10858-04	5/10/2006	Ag-108m	0.00E+00	1.30E+00	4.70E+00
TM	23	L10858-04	5/10/2006	Ag-110m	2.90E+00	2.30E+00	7.80E+00
TM	23	L10858-04	5/10/2006	Ba-140	1.40E+00	2.70E+00	9.70E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L10858-04	5/10/2006	Be-7	1.00E+00	1.40E+01	4.90E+01
TM	23	L10858-04	5/10/2006	Ce-141	-3.80E+00	2.70E+00	9.50E+00
TM	23	L10858-04	5/10/2006	Ce-144	-2.50E+00	9.30E+00	3.20E+01
TM	23	L10858-04	5/10/2006	Co-57	1.60E+00	1.20E+00	4.10E+00
TM	23	L10858-04	5/10/2006	Co-58	-1.50E+00	1.80E+00	6.80E+00
TM	23	L10858-04	5/10/2006	Co-60	3.30E+00	2.40E+00	8.10E+00
TM	23	L10858-04	5/10/2006	Cr-51	2.00E+00	1.50E+01	5.40E+01
TM	23	L10858-04	5/10/2006	Cs-134	2.00E+00	1.90E+00	6.50E+00
TM	23	L10858-04	5/10/2006	Cs-137	-1.40E+00	1.70E+00	6.50E+00
TM	23	L10858-04	5/10/2006	Fe-59	9.00E-01	4.40E+00	1.60E+01
TM	23	L10858-04	5/10/2006	I-131	4.40E+00	3.20E+00	1.10E+01
TM	23	L10858-04	5/10/2006	I-131	4.00E-02	1.50E-01	8.30E-01
TM	23	L10858-04	5/10/2006	K-40	1.26E+03	6.50E+01	9.60E+01 *
TM	23	L10858-04	5/10/2006	La-140	1.60E+00	3.10E+00	1.10E+01
TM	23	L10858-04	5/10/2006	Mn-54	-1.00E+00	1.70E+00	6.30E+00
TM	23	L10858-04	5/10/2006	Nb-95	-4.30E+00	2.10E+00	8.20E+00
TM	23	L10858-04	5/10/2006	Ru-103	-1.90E+00	1.80E+00	6.80E+00
TM	23	L10858-04	5/10/2006	Ru-106	-1.40E+01	1.70E+01	6.30E+01
TM	23	L10858-04	5/10/2006	Sb-124	5.30E+00	3.80E+00	1.30E+01
TM	23	L10858-04	5/10/2006	Sb-125	-2.80E+00	4.10E+00	1.50E+01
TM	23	L10858-04	5/10/2006	Se-75	-3.40E+00	2.20E+00	8.00E+00
TM	23	L10858-04	5/10/2006	Zn-65	-4.20E+00	4.30E+00	1.60E+01
TM	23	L10858-04	5/10/2006	Zr-95	-2.90E+00	3.40E+00	1.30E+01
TM	23	L10927-04	5/24/2006	AcTh-228	3.80E+00	6.60E+00	2.30E+01
TM	23	L10927-04	5/24/2006	Ag-108m	-1.10E+00	1.40E+00	5.10E+00
TM	23	L10927-04	5/24/2006	Ag-110m	0.00E+00	2.30E+00	8.40E+00
TM	23	L10927-04	5/24/2006	Ba-140	5.00E-01	2.40E+00	8.80E+00
TM	23	L10927-04	5/24/2006	Be-7	1.50E+01	1.40E+01	4.60E+01
TM	23	L10927-04	5/24/2006	Ce-141	-6.10E+00	2.70E+00	9.80E+00
TM	23	L10927-04	5/24/2006	Ce-144	-3.00E+00	9.60E+00	3.30E+01
TM	23	L10927-04	5/24/2006	Co-57	-1.50E+00	1.20E+00	4.20E+00
TM	23	L10927-04	5/24/2006	Co-58	-1.70E+00	2.00E+00	7.50E+00
TM	23	L10927-04	5/24/2006	Co-60	2.00E+00	2.10E+00	7.00E+00
TM	23	L10927-04	5/24/2006	Cr-51	3.20E+01	1.50E+01	5.00E+01
TM	23	L10927-04	5/24/2006	Cs-134	2.40E+00	1.80E+00	6.10E+00
TM	23	L10927-04	5/24/2006	Cs-137	-1.00E-01	1.90E+00	6.70E+00
TM	23	L10927-04	5/24/2006	Fe-59	-4.20E+00	4.40E+00	1.60E+01
TM	23	L10927-04	5/24/2006	I-131	-1.80E+00	3.00E+00	1.10E+01
TM	23	L10927-04	5/24/2006	I-131	-2.00E-02	1.20E-01	7.30E-01
TM	23	L10927-04	5/24/2006	K-40	1.35E+03	6.80E+01	1.00E+02 *
TM	23	L10927-04	5/24/2006	La-140	5.00E-01	2.70E+00	1.00E+01
TM	23	L10927-04	5/24/2006	Mn-54	1.00E+00	1.80E+00	6.40E+00
TM	23	L10927-04	5/24/2006	Nb-95	-2.00E-01	2.30E+00	8.10E+00
TM	23	L10927-04	5/24/2006	Ru-103	1.00E+00	2.00E+00	6.80E+00
TM	23	L10927-04	5/24/2006	Ru-106	-1.00E+01	1.50E+01	5.50E+01
TM	23	L10927-04	5/24/2006	Sb-124	1.50E+00	3.20E+00	1.20E+01
TM	23	L10927-04	5/24/2006	Sb-125	-2.00E+00	4.30E+00	1.50E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L10927-04	5/24/2006	Se-75	-1.30E+00	2.10E+00	7.50E+00
TM	23	L10927-04	5/24/2006	Zn-65	-4.70E+00	4.30E+00	1.60E+01
TM	23	L10927-04	5/24/2006	Zr-95	-2.20E+00	3.20E+00	1.20E+01
TM	23	L10982-04	6/7/2006	AcTh-228	4.00E+00	1.40E+01	5.20E+01
TM	23	L10982-04	6/7/2006	Ag-108m	2.40E+00	2.90E+00	1.00E+01
TM	23	L10982-04	6/7/2006	Ag-110m	-4.10E+00	4.10E+00	1.80E+01
TM	23	L10982-04	6/7/2006	Ba-140	3.20E+00	3.20E+00	1.20E+01
TM	23	L10982-04	6/7/2006	Be-7	1.60E+01	2.80E+01	1.00E+02
TM	23	L10982-04	6/7/2006	Ce-141	2.70E+00	5.90E+00	2.10E+01
TM	23	L10982-04	6/7/2006	Ce-144	-6.00E+00	1.80E+01	6.80E+01
TM	23	L10982-04	6/7/2006	Co-57	2.40E+00	2.50E+00	8.50E+00
TM	23	L10982-04	6/7/2006	Co-58	1.50E+00	4.10E+00	1.50E+01
TM	23	L10982-04	6/7/2006	Co-60	7.40E+00	4.20E+00	1.40E+01
TM	23	L10982-04	6/7/2006	Cr-51	-1.80E+01	2.50E+01	9.90E+01
TM	23	L10982-04	6/7/2006	Cs-134	7.90E+00	3.60E+00	1.00E+01
TM	23	L10982-04	6/7/2006	Cs-137	-6.60E+00	3.40E+00	1.50E+01
TM	23	L10982-04	6/7/2006	Fe-59	1.10E+00	8.90E+00	3.30E+01
TM	23	L10982-04	6/7/2006	I-131	0.00E+00	6.00E+00	2.20E+01
TM	23	L10982-04	6/7/2006	I-131	-1.72E-01	2.80E-02	6.80E-01
TM	23	L10982-04	6/7/2006	K-40	1.64E+03	1.40E+02	2.00E+02 *
TM	23	L10982-04	6/7/2006	La-140	3.60E+00	3.60E+00	1.30E+01
TM	23	L10982-04	6/7/2006	Mn-54	7.10E+00	3.80E+00	1.20E+01
TM	23	L10982-04	6/7/2006	Nb-95	1.50E+00	4.20E+00	1.60E+01
TM	23	L10982-04	6/7/2006	Ru-103	1.50E+00	3.30E+00	1.20E+01
TM	23	L10982-04	6/7/2006	Ru-106	-2.10E+01	2.70E+01	1.10E+02
TM	23	L10982-04	6/7/2006	Sb-124	-2.60E+00	6.90E+00	3.10E+01
TM	23	L10982-04	6/7/2006	Sb-125	1.19E+01	8.90E+00	3.00E+01
TM	23	L10982-04	6/7/2006	Se-75	6.00E+00	4.00E+00	1.30E+01
TM	23	L10982-04	6/7/2006	Zn-65	2.60E+00	9.50E+00	3.50E+01
TM	23	L10982-04	6/7/2006	Zr-95	0.00E+00	6.50E+00	2.50E+01
TM	23	L11021-04	6/20/2006	AcTh-228	1.60E+00	7.20E+00	2.60E+01
TM	23	L11021-04	6/20/2006	Ag-108m	-7.00E-01	1.90E+00	6.90E+00
TM	23	L11021-04	6/20/2006	Ag-110m	2.50E+00	2.50E+00	8.60E+00
TM	23	L11021-04	6/20/2006	Ba-140	-2.50E+00	2.80E+00	1.20E+01
TM	23	L11021-04	6/20/2006	Be-7	2.60E+01	1.90E+01	6.30E+01
TM	23	L11021-04	6/20/2006	Ce-141	-5.50E+00	3.30E+00	1.20E+01
TM	23	L11021-04	6/20/2006	Ce-144	1.00E+00	1.10E+01	3.80E+01
TM	23	L11021-04	6/20/2006	Co-57	9.00E-01	1.40E+00	4.80E+00
TM	23	L11021-04	6/20/2006	Co-58	-3.60E+00	2.30E+00	9.10E+00
TM	23	L11021-04	6/20/2006	Co-60	7.00E-01	2.80E+00	1.00E+01
TM	23	L11021-04	6/20/2006	Cr-51	2.50E+01	1.80E+01	5.80E+01
TM	23	L11021-04	6/20/2006	Cs-134	-1.60E+00	2.50E+00	9.40E+00
TM	23	L11021-04	6/20/2006	Cs-137	-2.70E+00	2.20E+00	8.40E+00
TM	23	L11021-04	6/20/2006	Fe-59	7.60E+00	5.60E+00	1.90E+01
TM	23	L11021-04	6/20/2006	I-131	-3.65E-01	5.90E-02	8.70E-01
TM	23	L11021-04	6/20/2006	I-131	1.90E+00	3.50E+00	1.20E+01
TM	23	L11021-04	6/20/2006	K-40	1.52E+03	8.10E+01	8.50E+01 *
TM	23	L11021-04	6/20/2006	La-140	-2.90E+00	3.30E+00	1.40E+01
TM	23	L11021-04	6/20/2006	Mn-54	1.10E+00	2.10E+00	7.30E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L11021-04	6/20/2006	Nb-95	-2.50E+00	2.60E+00	9.80E+00
TM	23	L11021-04	6/20/2006	Ru-103	1.40E+00	2.40E+00	8.20E+00
TM	23	L11021-04	6/20/2006	Ru-106	-2.30E+01	2.10E+01	7.90E+01
TM	23	L11021-04	6/20/2006	Sb-124	6.30E+00	4.20E+00	1.40E+01
TM	23	L11021-04	6/20/2006	Sb-125	-2.40E+00	4.90E+00	1.80E+01
TM	23	L11021-04	6/20/2006	Se-75	3.50E+00	2.60E+00	8.50E+00
TM	23	L11021-04	6/20/2006	Zn-65	-3.30E+00	4.80E+00	1.90E+01
TM	23	L11021-04	6/20/2006	Zr-95	-2.60E+00	4.20E+00	1.60E+01
TM	23	L11085-04	7/5/2006	AcTh-228	5.30E+00	7.50E+00	2.60E+01
TM	23	L11085-04	7/5/2006	Ag-108m	8.00E-01	1.30E+00	4.60E+00
TM	23	L11085-04	7/5/2006	Ag-110m	-4.00E-01	2.40E+00	9.30E+00
TM	23	L11085-04	7/5/2006	Ba-140	-1.70E+00	2.30E+00	1.00E+01
TM	23	L11085-04	7/5/2006	Be-7	0.00E+00	1.40E+01	5.10E+01
TM	23	L11085-04	7/5/2006	Ce-141	3.90E+00	2.60E+00	8.60E+00
TM	23	L11085-04	7/5/2006	Ce-144	7.00E+00	1.10E+01	3.60E+01
TM	23	L11085-04	7/5/2006	Co-57	-2.30E+00	1.30E+00	4.70E+00
TM	23	L11085-04	7/5/2006	Co-58	1.10E+00	2.10E+00	7.40E+00
TM	23	L11085-04	7/5/2006	Co-60	-4.00E-01	2.90E+00	1.10E+01
TM	23	L11085-04	7/5/2006	Cr-51	5.00E+00	1.40E+01	4.80E+01
TM	23	L11085-04	7/5/2006	Cs-134	-1.60E+00	2.10E+00	8.10E+00
TM	23	L11085-04	7/5/2006	Cs-137	3.00E-01	1.90E+00	6.90E+00
TM	23	L11085-04	7/5/2006	Fe-59	3.80E+00	5.10E+00	1.80E+01
TM	23	L11085-04	7/5/2006	I-131	-4.90E+00	2.60E+00	1.10E+01
TM	23	L11085-04	7/5/2006	I-131	-6.50E-02	1.30E-02	8.30E-01
TM	23	L11085-04	7/5/2006	K-40	1.29E+03	8.10E+01	9.60E+01 *
TM	23	L11085-04	7/5/2006	La-140	-2.00E+00	2.60E+00	1.20E+01
TM	23	L11085-04	7/5/2006	Mn-54	-1.00E-01	1.80E+00	6.90E+00
TM	23	L11085-04	7/5/2006	Nb-95	4.00E-01	2.10E+00	7.80E+00
TM	23	L11085-04	7/5/2006	Ru-103	-5.10E+00	2.10E+00	8.60E+00
TM	23	L11085-04	7/5/2006	Ru-106	1.50E+01	1.60E+01	5.60E+01
TM	23	L11085-04	7/5/2006	Sb-124	-4.90E+00	4.30E+00	2.00E+01
TM	23	L11085-04	7/5/2006	Sb-125	6.00E-01	4.30E+00	1.60E+01
TM	23	L11085-04	7/5/2006	Se-75	-2.40E+00	1.90E+00	7.10E+00
TM	23	L11085-04	7/5/2006	Zn-65	3.10E+00	4.80E+00	1.70E+01
TM	23	L11085-04	7/5/2006	Zr-95	7.00E-01	3.60E+00	1.30E+01
TM	23	L11163-04	7/19/2006	AcTh-228	1.20E+01	1.10E+01	3.70E+01
TM	23	L11163-04	7/19/2006	Ag-108m	-8.00E-01	2.20E+00	8.10E+00
TM	23	L11163-04	7/19/2006	Ag-110m	-2.00E+00	3.90E+00	1.50E+01
TM	23	L11163-04	7/19/2006	Ba-140	5.80E+00	4.20E+00	1.40E+01
TM	23	L11163-04	7/19/2006	Be-7	3.30E+01	2.00E+01	6.60E+01
TM	23	L11163-04	7/19/2006	Ce-141	-5.20E+00	3.50E+00	1.30E+01
TM	23	L11163-04	7/19/2006	Ce-144	1.10E+01	1.40E+01	4.70E+01
TM	23	L11163-04	7/19/2006	Co-57	1.80E+00	1.60E+00	5.30E+00
TM	23	L11163-04	7/19/2006	Co-58	6.00E+00	2.70E+00	8.40E+00
TM	23	L11163-04	7/19/2006	Co-60	-2.00E-01	4.10E+00	1.50E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L11163-04	7/19/2006	Cr-51	-2.40E+01	2.40E+01	9.10E+01
TM	23	L11163-04	7/19/2006	Cs-134	-3.90E+00	2.70E+00	1.10E+01
TM	23	L11163-04	7/19/2006	Cs-137	8.00E-01	2.60E+00	9.40E+00
TM	23	L11163-04	7/19/2006	Fe-59	4.70E+00	6.80E+00	2.40E+01
TM	23	L11163-04	7/19/2006	I-131	-5.00E-01	4.60E+00	1.70E+01
TM	23	L11163-04	7/19/2006	I-131	-9.60E-02	2.10E-02	8.50E-01
TM	23	L11163-04	7/19/2006	K-40	1.46E+03	1.10E+02	1.40E+02 *
TM	23	L11163-04	7/19/2006	La-140	6.60E+00	4.80E+00	1.60E+01
TM	23	L11163-04	7/19/2006	Mn-54	-6.00E-01	2.70E+00	1.00E+01
TM	23	L11163-04	7/19/2006	Nb-95	1.60E+00	2.80E+00	1.00E+01
TM	23	L11163-04	7/19/2006	Ru-103	4.10E+00	2.80E+00	9.30E+00
TM	23	L11163-04	7/19/2006	Ru-106	3.00E+01	2.20E+01	7.30E+01
TM	23	L11163-04	7/19/2006	Sb-124	1.54E+01	6.70E+00	1.80E+01
TM	23	L11163-04	7/19/2006	Sb-125	-1.70E+00	6.50E+00	2.40E+01
TM	23	L11163-04	7/19/2006	Se-75	-9.00E-01	2.60E+00	9.50E+00
TM	23	L11163-04	7/19/2006	Zn-65	-4.80E+00	7.70E+00	3.00E+01
TM	23	L11163-04	7/19/2006	Zr-95	3.00E-01	4.60E+00	1.70E+01
TM	23	L11234-04	8/3/2006	AcTh-228	1.60E+01	1.00E+01	3.50E+01
TM	23	L11234-04	8/3/2006	Ag-108m	-2.00E+00	1.70E+00	6.60E+00
TM	23	L11234-04	8/3/2006	Ag-110m	-2.70E+00	2.90E+00	1.10E+01
TM	23	L11234-04	8/3/2006	Ba-140	3.30E+00	3.30E+00	1.20E+01
TM	23	L11234-04	8/3/2006	Be-7	1.50E+01	2.00E+01	6.80E+01
TM	23	L11234-04	8/3/2006	Ce-141	-5.00E+00	3.50E+00	1.30E+01
TM	23	L11234-04	8/3/2006	Ce-144	-1.10E+01	1.20E+01	4.20E+01
TM	23	L11234-04	8/3/2006	Co-57	-2.00E+00	1.60E+00	5.70E+00
TM	23	L11234-04	8/3/2006	Co-58	1.00E+00	2.40E+00	8.60E+00
TM	23	L11234-04	8/3/2006	Co-60	7.00E-01	2.60E+00	9.50E+00
TM	23	L11234-04	8/3/2006	Cr-51	6.00E+00	2.00E+01	7.00E+01
TM	23	L11234-04	8/3/2006	Cs-134	-3.00E-01	2.60E+00	9.50E+00
TM	23	L11234-04	8/3/2006	Cs-137	-2.90E+00	2.00E+00	8.00E+00
TM	23	L11234-04	8/3/2006	Fe-59	5.10E+00	5.80E+00	2.00E+01
TM	23	L11234-04	8/3/2006	I-131	-1.12E-01	1.90E-02	8.80E-01
TM	23	L11234-04	8/3/2006	I-131	1.60E+00	5.30E+00	1.90E+01
TM	23	L11234-04	8/3/2006	K-40	1.55E+03	8.80E+01	1.20E+02 *
TM	23	L11234-04	8/3/2006	La-140	3.80E+00	3.80E+00	1.30E+01
TM	23	L11234-04	8/3/2006	Mn-54	-2.20E+00	2.10E+00	8.30E+00
TM	23	L11234-04	8/3/2006	Nb-95	-3.60E+00	3.10E+00	1.20E+01
TM	23	L11234-04	8/3/2006	Ru-103	0.00E+00	2.70E+00	9.50E+00
TM	23	L11234-04	8/3/2006	Ru-106	6.00E+00	1.90E+01	6.80E+01
TM	23	L11234-04	8/3/2006	Sb-124	-2.40E+00	4.80E+00	2.00E+01
TM	23	L11234-04	8/3/2006	Sb-125	-6.30E+00	5.60E+00	2.10E+01
TM	23	L11234-04	8/3/2006	Se-75	6.00E+00	2.80E+00	9.00E+00
TM	23	L11234-04	8/3/2006	Zn-65	-1.11E+01	5.50E+00	2.30E+01
TM	23	L11234-04	8/3/2006	Zr-95	-1.70E+00	4.00E+00	1.50E+01
TM	23	L11286-04	8/16/2006	AcTh-228	1.22E+01	4.80E+00	1.50E+01
TM	23	L11286-04	8/16/2006	Ag-108m	-1.00E-01	1.10E+00	3.70E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L11286-04	8/16/2006	Ag-110m	-1.10E+00	1.80E+00	6.40E+00
TM	23	L11286-04	8/16/2006	Ba-140	-4.30E+00	1.80E+00	7.50E+00
TM	23	L11286-04	8/16/2006	Be-7	8.00E+00	1.20E+01	4.00E+01
TM	23	L11286-04	8/16/2006	Ce-141	-1.00E-01	2.10E+00	7.10E+00
TM	23	L11286-04	8/16/2006	Ce-144	2.80E+00	6.60E+00	2.20E+01
TM	23	L11286-04	8/16/2006	Co-57	8.10E-01	8.70E-01	2.90E+00
TM	23	L11286-04	8/16/2006	Co-58	-1.40E+00	1.30E+00	4.80E+00
TM	23	L11286-04	8/16/2006	Co-60	-2.10E+00	1.60E+00	6.00E+00
TM	23	L11286-04	8/16/2006	Cr-51	-3.00E+00	1.30E+01	4.40E+01
TM	23	L11286-04	8/16/2006	Cs-134	-6.00E-01	1.50E+00	5.50E+00
TM	23	L11286-04	8/16/2006	Cs-137	-1.00E-01	1.20E+00	4.40E+00
TM	23	L11286-04	8/16/2006	Fe-59	-4.00E-01	3.10E+00	1.10E+01
TM	23	L11286-04	8/16/2006	I-131	4.10E+00	2.70E+00	8.80E+00
TM	23	L11286-04	8/16/2006	I-131	-8.00E-02	1.10E-01	7.80E-01
TM	23	L11286-04	8/16/2006	K-40	1.48E+03	5.00E+01	6.10E+01 *
TM	23	L11286-04	8/16/2006	La-140	-4.90E+00	2.10E+00	8.60E+00
TM	23	L11286-04	8/16/2006	Mn-54	-1.00E-01	1.20E+00	4.40E+00
TM	23	L11286-04	8/16/2006	Nb-95	-2.40E+00	1.40E+00	5.20E+00
TM	23	L11286-04	8/16/2006	Ru-103	-1.10E+00	1.50E+00	5.40E+00
TM	23	L11286-04	8/16/2006	Ru-106	-1.10E+01	1.20E+01	4.40E+01
TM	23	L11286-04	8/16/2006	Sb-124	-1.20E+00	2.20E+00	8.70E+00
TM	23	L11286-04	8/16/2006	Sb-125	4.90E+00	3.40E+00	1.10E+01
TM	23	L11286-04	8/16/2006	Se-75	-4.00E-01	1.60E+00	5.40E+00
TM	23	L11286-04	8/16/2006	Zn-65	8.00E-01	3.30E+00	1.10E+01
TM	23	L11286-04	8/16/2006	Zr-95	-1.40E+00	2.30E+00	8.30E+00
TM	23	L11396-04	9/13/2006	AcTh-228	-4.10E+00	8.30E+00	3.10E+01
TM	23	L11396-04	9/13/2006	Ag-108m	-3.00E-01	1.50E+00	5.50E+00
TM	23	L11396-04	9/13/2006	Ag-110m	-2.80E+00	3.30E+00	1.30E+01
TM	23	L11396-04	9/13/2006	Ba-140	-1.80E+00	3.00E+00	1.20E+01
TM	23	L11396-04	9/13/2006	Be-7	1.40E+01	1.70E+01	5.80E+01
TM	23	L11396-04	9/13/2006	Ce-141	-8.60E+00	4.30E+00	1.60E+01
TM	23	L11396-04	9/13/2006	Ce-144	-2.00E+00	1.00E+01	3.50E+01
TM	23	L11396-04	9/13/2006	Co-57	1.50E+00	1.30E+00	4.40E+00
TM	23	L11396-04	9/13/2006	Co-58	-1.70E+00	2.40E+00	9.00E+00
TM	23	L11396-04	9/13/2006	Co-60	4.10E+00	2.80E+00	9.20E+00
TM	23	L11396-04	9/13/2006	Cr-51	-1.50E+01	1.60E+01	6.00E+01
TM	23	L11396-04	9/13/2006	Cs-134	3.70E+00	2.60E+00	8.60E+00
TM	23	L11396-04	9/13/2006	Cs-137	3.40E+00	2.20E+00	7.20E+00
TM	23	L11396-04	9/13/2006	Fe-59	-7.00E-01	4.30E+00	1.60E+01
TM	23	L11396-04	9/13/2006	I-131	4.90E-02	6.50E-02	2.40E-01
TM	23	L11396-04	9/13/2006	I-131	-6.30E+00	2.80E+00	1.10E+01
TM	23	L11396-04	9/13/2006	K-40	1.43E+03	8.50E+01	1.30E+02 *
TM	23	L11396-04	9/13/2006	La-140	-2.10E+00	3.50E+00	1.40E+01
TM	23	L11396-04	9/13/2006	Mn-54	7.00E-01	2.00E+00	7.20E+00
TM	23	L11396-04	9/13/2006	Nb-95	-2.00E+00	2.40E+00	8.90E+00
TM	23	L11396-04	9/13/2006	Ru-103	-2.20E+00	2.20E+00	8.30E+00
TM	23	L11396-04	9/13/2006	Ru-106	3.00E+01	2.00E+01	6.60E+01
TM	23	L11396-04	9/13/2006	Sb-124	6.80E+00	4.80E+00	1.60E+01
TM	23	L11396-04	9/13/2006	Sb-125	1.00E+00	4.90E+00	1.70E+01
TM	23	L11396-04	9/13/2006	Se-75	1.10E+00	2.10E+00	7.20E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L11396-04	9/13/2006	Zn-65	2.80E+00	4.90E+00	1.70E+01
TM	23	L11396-04	9/13/2006	Zr-95	-6.00E-01	3.80E+00	1.40E+01
TM	23	L11477-04	9/27/2006	AcTh-228	9.20E+00	5.90E+00	2.00E+01
TM	23	L11477-04	9/27/2006	Ag-108m	-3.00E-01	1.20E+00	4.10E+00
TM	23	L11477-04	9/27/2006	Ag-110m	2.30E+00	2.10E+00	7.00E+00
TM	23	L11477-04	9/27/2006	Ba-140	3.10E+00	3.10E+00	1.00E+01
TM	23	L11477-04	9/27/2006	Be-7	-9.00E+00	1.20E+01	4.30E+01
TM	23	L11477-04	9/27/2006	Ce-141	3.40E+00	2.00E+00	6.60E+00
TM	23	L11477-04	9/27/2006	Ce-144	7.40E+00	7.40E+00	2.50E+01
TM	23	L11477-04	9/27/2006	Co-57	3.40E-01	8.70E-01	3.00E+00
TM	23	L11477-04	9/27/2006	Co-58	3.00E-01	1.70E+00	5.90E+00
TM	23	L11477-04	9/27/2006	Co-60	-9.00E-01	2.10E+00	7.50E+00
TM	23	L11477-04	9/27/2006	Cr-51	-2.00E+01	1.40E+01	4.90E+01
TM	23	L11477-04	9/27/2006	Cs-134	-1.40E+00	1.60E+00	6.00E+00
TM	23	L11477-04	9/27/2006	Cs-137	3.00E-01	1.60E+00	5.80E+00
TM	23	L11477-04	9/27/2006	Fe-59	4.00E-01	3.90E+00	1.40E+01
TM	23	L11477-04	9/27/2006	I-131	3.40E-01	2.60E-01	8.10E-01
TM	23	L11477-04	9/27/2006	I-131	-2.60E+00	3.70E+00	1.30E+01
TM	23	L11477-04	9/27/2006	K-40	1.41E+03	5.90E+01	7.10E+01 *
TM	23	L11477-04	9/27/2006	La-140	3.60E+00	3.50E+00	1.20E+01
TM	23	L11477-04	9/27/2006	Mn-54	5.00E-01	1.50E+00	5.10E+00
TM	23	L11477-04	9/27/2006	Nb-95	-5.00E-01	1.80E+00	6.50E+00
TM	23	L11477-04	9/27/2006	Ru-103	-2.80E+00	1.60E+00	6.10E+00
TM	23	L11477-04	9/27/2006	Ru-106	-1.60E+01	1.40E+01	5.20E+01
TM	23	L11477-04	9/27/2006	Sb-124	-6.00E-01	4.20E+00	1.60E+01
TM	23	L11477-04	9/27/2006	Sb-125	-3.00E-01	3.50E+00	1.20E+01
TM	23	L11477-04	9/27/2006	Se-75	0.00E+00	1.50E+00	5.10E+00
TM	23	L11477-04	9/27/2006	Zn-65	-5.20E+00	3.70E+00	1.40E+01
TM	23	L11477-04	9/27/2006	Zr-95	2.80E+00	2.80E+00	9.50E+00
TM	23	L11515-04	10/11/2006	AcTh-228	-6.30E+00	9.10E+00	3.40E+01
TM	23	L11515-04	10/11/2006	Ag-108m	3.00E-01	1.80E+00	6.20E+00
TM	23	L11515-04	10/11/2006	Ag-110m	3.30E+00	3.20E+00	1.10E+01
TM	23	L11515-04	10/11/2006	Ba-140	5.70E+00	3.80E+00	1.30E+01
TM	23	L11515-04	10/11/2006	Be-7	1.80E+01	1.90E+01	6.30E+01
TM	23	L11515-04	10/11/2006	Ce-141	2.00E+00	2.90E+00	9.70E+00
TM	23	L11515-04	10/11/2006	Ce-144	-3.00E+00	1.00E+01	3.60E+01
TM	23	L11515-04	10/11/2006	Co-57	1.80E+00	1.40E+00	4.70E+00
TM	23	L11515-04	10/11/2006	Co-58	-2.00E-01	2.40E+00	8.90E+00
TM	23	L11515-04	10/11/2006	Co-60	2.40E+00	2.70E+00	9.30E+00
TM	23	L11515-04	10/11/2006	Cr-51	1.00E+00	1.70E+01	6.00E+01
TM	23	L11515-04	10/11/2006	Cs-134	4.10E+00	2.80E+00	9.10E+00
TM	23	L11515-04	10/11/2006	Cs-137	1.30E+00	2.10E+00	7.40E+00
TM	23	L11515-04	10/11/2006	Fe-59	-5.60E+00	5.40E+00	2.10E+01
TM	23	L11515-04	10/11/2006	I-131	2.70E+00	3.20E+00	1.10E+01
TM	23	L11515-04	10/11/2006	I-131	1.20E-01	1.70E-01	7.60E-01
TM	23	L11515-04	10/11/2006	K-40	1.43E+03	8.40E+01	1.20E+02 *
TM	23	L11515-04	10/11/2006	La-140	6.60E+00	4.40E+00	1.40E+01
TM	23	L11515-04	10/11/2006	Mn-54	-2.70E+00	2.20E+00	8.50E+00
TM	23	L11515-04	10/11/2006	Nb-95	2.70E+00	2.70E+00	9.30E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L11515-0410/11/2006		Ru-103	-7.00E-01	2.20E+00	8.10E+00
TM	23	L11515-0410/11/2006		Ru-106	2.20E+01	1.70E+01	5.90E+01
TM	23	L11515-0410/11/2006		Sb-124	5.70E+00	4.70E+00	1.60E+01
TM	23	L11515-0410/11/2006		Sb-125	6.10E+00	5.60E+00	1.90E+01
TM	23	L11515-0410/11/2006		Se-75	0.00E+00	2.20E+00	7.80E+00
TM	23	L11515-0410/11/2006		Zn-65	4.20E+00	5.60E+00	2.00E+01
TM	23	L11515-0410/11/2006		Zr-95	4.00E-01	4.40E+00	1.60E+01
TM	23	L11660-04 11/8/2006		AcTh-228	-1.90E+00	5.80E+00	2.00E+01
TM	23	L11660-04 11/8/2006		Ag-108m	1.05E+00	9.80E-01	3.30E+00
TM	23	L11660-04 11/8/2006		Ag-110m	-1.60E+00	1.90E+00	6.70E+00
TM	23	L11660-04 11/8/2006		Ba-140	-8.00E-01	2.10E+00	7.80E+00
TM	23	L11660-04 11/8/2006		Be-7	2.00E+00	1.00E+01	3.40E+01
TM	23	L11660-04 11/8/2006		Ce-141	4.10E+00	1.70E+00	5.60E+00
TM	23	L11660-04 11/8/2006		Ce-144	1.00E+00	6.20E+00	2.10E+01
TM	23	L11660-04 11/8/2006		Co-57	-4.90E-01	8.00E-01	2.70E+00
TM	23	L11660-04 11/8/2006		Co-58	1.00E-01	1.30E+00	4.40E+00
TM	23	L11660-04 11/8/2006		Co-60	-1.00E-01	1.50E+00	5.40E+00
TM	23	L11660-04 11/8/2006		Cr-51	5.00E+00	1.20E+01	3.90E+01
TM	23	L11660-04 11/8/2006		Cs-134	1.40E+00	1.30E+00	4.20E+00
TM	23	L11660-04 11/8/2006		Cs-137	1.60E+00	1.30E+00	4.50E+00
TM	23	L11660-04 11/8/2006		Fe-59	1.20E+00	3.20E+00	1.10E+01
TM	23	L11660-04 11/8/2006		I-131	-5.00E-02	1.30E-01	8.70E-01
TM	23	L11660-04 11/8/2006		I-131	2.70E+00	3.10E+00	1.00E+01
TM	23	L11660-04 11/8/2006		K-40	1.38E+03	4.70E+01	6.20E+01 *
TM	23	L11660-04 11/8/2006		La-140	-1.00E+00	2.40E+00	8.90E+00
TM	23	L11660-04 11/8/2006		Mn-54	4.00E-01	1.20E+00	4.30E+00
TM	23	L11660-04 11/8/2006		Nb-95	1.30E+00	1.40E+00	4.70E+00
TM	23	L11660-04 11/8/2006		Ru-103	-1.40E+00	1.40E+00	4.80E+00
TM	23	L11660-04 11/8/2006		Ru-106	1.00E+01	1.20E+01	4.10E+01
TM	23	L11660-04 11/8/2006		Sb-124	8.00E-01	2.80E+00	1.00E+01
TM	23	L11660-04 11/8/2006		Sb-125	3.90E+00	2.90E+00	9.70E+00
TM	23	L11660-04 11/8/2006		Se-75	-1.00E+00	1.40E+00	4.90E+00
TM	23	L11660-04 11/8/2006		Zn-65	-5.40E+00	3.10E+00	1.10E+01
TM	23	L11660-04 11/8/2006		Zr-95	-6.90E+00	3.10E+00	1.20E+01
TM	23	L11783-04 12/6/2006		AcTh-228	1.38E+01	4.70E+00	1.40E+01
TM	23	L11783-04 12/6/2006		Ag-108m	2.80E-01	9.80E-01	3.30E+00
TM	23	L11783-04 12/6/2006		Ag-110m	5.00E-01	1.80E+00	6.20E+00
TM	23	L11783-04 12/6/2006		Ba-140	-2.80E+00	2.70E+00	1.00E+01
TM	23	L11783-04 12/6/2006		Be-7	-1.00E+00	1.00E+01	3.60E+01
TM	23	L11783-04 12/6/2006		Ce-141	-3.50E+00	2.80E+00	9.70E+00
TM	23	L11783-04 12/6/2006		Ce-144	-1.60E+00	6.00E+00	2.00E+01
TM	23	L11783-04 12/6/2006		Co-57	1.00E+00	7.70E-01	2.50E+00
TM	23	L11783-04 12/6/2006		Co-58	1.10E+00	1.30E+00	4.60E+00
TM	23	L11783-04 12/6/2006		Co-60	1.10E+00	1.70E+00	5.90E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	23	L11783-04	12/6/2006	Cr-51	-2.20E+01	1.10E+01	3.80E+01
TM	23	L11783-04	12/6/2006	Cs-134	0.00E+00	1.10E+00	3.90E+00
TM	23	L11783-04	12/6/2006	Cs-137	-8.00E-01	1.10E+00	3.90E+00
TM	23	L11783-04	12/6/2006	Fe-59	5.00E-01	3.10E+00	1.10E+01
TM	23	L11783-04	12/6/2006	I-131	5.00E-02	1.50E-01	7.90E-01
TM	23	L11783-04	12/6/2006	I-131	3.20E+00	3.00E+00	1.00E+01
TM	23	L11783-04	12/6/2006	K-40	1.38E+03	4.90E+01	7.20E+01 *
TM	23	L11783-04	12/6/2006	La-140	-3.20E+00	3.10E+00	1.20E+01
TM	23	L11783-04	12/6/2006	Mn-54	2.40E+00	1.30E+00	4.30E+00
TM	23	L11783-04	12/6/2006	Nb-95	1.10E+00	1.60E+00	5.40E+00
TM	23	L11783-04	12/6/2006	Ru-103	-2.20E+00	1.40E+00	4.90E+00
TM	23	L11783-04	12/6/2006	Ru-106	9.00E+00	1.10E+01	3.60E+01
TM	23	L11783-04	12/6/2006	Sb-124	-6.50E+00	3.00E+00	1.20E+01
TM	23	L11783-04	12/6/2006	Sb-125	5.50E+00	3.20E+00	1.00E+01
TM	23	L11783-04	12/6/2006	Se-75	5.00E-01	1.30E+00	4.30E+00
TM	23	L11783-04	12/6/2006	Zn-65	-2.90E+00	3.10E+00	1.10E+01
TM	23	L11783-04	12/6/2006	Zr-95	-6.00E-01	2.50E+00	8.70E+00
TM	24	L10858-05	5/10/2006	AcTh-228	1.37E+01	7.70E+00	2.50E+01
TM	24	L10858-05	5/10/2006	Ag-108m	-1.00E-01	1.60E+00	5.50E+00
TM	24	L10858-05	5/10/2006	Ag-110m	1.40E+00	2.50E+00	8.70E+00
TM	24	L10858-05	5/10/2006	Ba-140	-3.20E+00	2.50E+00	1.00E+01
TM	24	L10858-05	5/10/2006	Be-7	1.90E+01	1.20E+01	4.10E+01
TM	24	L10858-05	5/10/2006	Ce-141	-4.70E+00	2.70E+00	9.60E+00
TM	24	L10858-05	5/10/2006	Ce-144	8.20E+00	9.80E+00	3.30E+01
TM	24	L10858-05	5/10/2006	Co-57	1.40E+00	1.30E+00	4.30E+00
TM	24	L10858-05	5/10/2006	Co-58	-1.30E+00	1.90E+00	7.10E+00
TM	24	L10858-05	5/10/2006	Co-60	-3.80E+00	2.50E+00	9.70E+00
TM	24	L10858-05	5/10/2006	Cr-51	-2.00E+00	1.50E+01	5.30E+01
TM	24	L10858-05	5/10/2006	Cs-134	0.00E+00	1.90E+00	6.80E+00
TM	24	L10858-05	5/10/2006	Cs-137	3.90E+00	1.70E+00	5.30E+00
TM	24	L10858-05	5/10/2006	Fe-59	5.70E+00	4.20E+00	1.40E+01
TM	24	L10858-05	5/10/2006	I-131	1.40E-01	1.70E-01	6.70E-01
TM	24	L10858-05	5/10/2006	I-131	-6.30E+00	3.20E+00	1.20E+01
TM	24	L10858-05	5/10/2006	K-40	1.54E+03	7.00E+01	8.70E+01 *
TM	24	L10858-05	5/10/2006	La-140	-3.70E+00	2.80E+00	1.20E+01
TM	24	L10858-05	5/10/2006	Mn-54	-1.80E+00	1.80E+00	6.80E+00
TM	24	L10858-05	5/10/2006	Nb-95	-2.80E+00	2.10E+00	8.10E+00
TM	24	L10858-05	5/10/2006	Ru-103	-2.40E+00	2.10E+00	7.70E+00
TM	24	L10858-05	5/10/2006	Ru-106	-1.80E+01	1.70E+01	6.30E+01
TM	24	L10858-05	5/10/2006	Sb-124	-1.50E+00	3.40E+00	1.40E+01
TM	24	L10858-05	5/10/2006	Sb-125	-2.80E+00	4.20E+00	1.60E+01
TM	24	L10858-05	5/10/2006	Se-75	1.20E+00	2.10E+00	7.10E+00
TM	24	L10858-05	5/10/2006	Zn-65	1.30E+00	4.60E+00	1.60E+01
TM	24	L10858-05	5/10/2006	Zr-95	1.10E+00	3.50E+00	1.20E+01
TM	24	L10927-05	5/24/2006	AcTh-228	8.80E+00	9.60E+00	3.30E+01
TM	24	L10927-05	5/24/2006	Ag-108m	1.30E+00	1.60E+00	5.30E+00
TM	24	L10927-05	5/24/2006	Ag-110m	-5.20E+00	3.20E+00	1.30E+01
TM	24	L10927-05	5/24/2006	Ba-140	5.00E-01	2.60E+00	1.00E+01
TM	24	L10927-05	5/24/2006	Be-7	-7.00E+00	1.60E+01	5.90E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	24	L10927-05	5/24/2006	Ce-141	1.50E+00	2.10E+00	7.10E+00
TM	24	L10927-05	5/24/2006	Ce-144	-1.90E+01	1.10E+01	3.80E+01
TM	24	L10927-05	5/24/2006	Co-57	-1.10E+00	1.30E+00	4.70E+00
TM	24	L10927-05	5/24/2006	Co-58	1.20E+00	2.20E+00	7.80E+00
TM	24	L10927-05	5/24/2006	Co-60	2.60E+00	2.90E+00	1.00E+01
TM	24	L10927-05	5/24/2006	Cr-51	-1.00E+01	1.60E+01	5.80E+01
TM	24	L10927-05	5/24/2006	Cs-134	1.30E+00	2.40E+00	8.50E+00
TM	24	L10927-05	5/24/2006	Cs-137	4.90E+00	2.30E+00	7.40E+00
TM	24	L10927-05	5/24/2006	Fe-59	4.90E+00	5.60E+00	1.90E+01
TM	24	L10927-05	5/24/2006	I-131	-1.08E-01	1.80E-02	5.90E-01
TM	24	L10927-05	5/24/2006	I-131	3.40E+00	3.50E+00	1.20E+01
TM	24	L10927-05	5/24/2006	K-40	1.63E+03	9.00E+01	1.30E+02 *
TM	24	L10927-05	5/24/2006	La-140	6.00E-01	3.00E+00	1.20E+01
TM	24	L10927-05	5/24/2006	Mn-54	2.60E+00	2.20E+00	7.30E+00
TM	24	L10927-05	5/24/2006	Nb-95	-1.50E+00	2.80E+00	1.00E+01
TM	24	L10927-05	5/24/2006	Ru-103	1.10E+00	2.30E+00	7.90E+00
TM	24	L10927-05	5/24/2006	Ru-106	-1.50E+01	1.90E+01	7.00E+01
TM	24	L10927-05	5/24/2006	Sb-124	3.40E+00	6.50E+00	2.40E+01
TM	24	L10927-05	5/24/2006	Sb-125	4.10E+00	5.20E+00	1.80E+01
TM	24	L10927-05	5/24/2006	Se-75	-1.00E-01	2.00E+00	7.00E+00
TM	24	L10927-05	5/24/2006	Zn-65	-9.20E+00	5.80E+00	2.30E+01
TM	24	L10927-05	5/24/2006	Zr-95	-2.00E-01	4.40E+00	1.60E+01
TM	24	L10982-05	6/7/2006	AcTh-228	3.10E+00	8.60E+00	3.00E+01
TM	24	L10982-05	6/7/2006	Ag-108m	2.00E+00	1.80E+00	6.10E+00
TM	24	L10982-05	6/7/2006	Ag-110m	-7.00E-01	3.30E+00	1.20E+01
TM	24	L10982-05	6/7/2006	Ba-140	-1.90E+00	2.90E+00	1.20E+01
TM	24	L10982-05	6/7/2006	Be-7	1.10E+01	1.80E+01	6.10E+01
TM	24	L10982-05	6/7/2006	Ce-141	2.00E-01	2.80E+00	9.60E+00
TM	24	L10982-05	6/7/2006	Ce-144	-1.00E+00	1.00E+01	3.50E+01
TM	24	L10982-05	6/7/2006	Co-57	4.00E-01	1.30E+00	4.50E+00
TM	24	L10982-05	6/7/2006	Co-58	-3.00E+00	2.20E+00	8.60E+00
TM	24	L10982-05	6/7/2006	Co-60	2.90E+00	3.20E+00	1.10E+01
TM	24	L10982-05	6/7/2006	Cr-51	-1.90E+01	1.50E+01	5.80E+01
TM	24	L10982-05	6/7/2006	Cs-134	-7.00E-01	2.40E+00	9.00E+00
TM	24	L10982-05	6/7/2006	Cs-137	4.60E+00	2.90E+00	9.40E+00
TM	24	L10982-05	6/7/2006	Fe-59	-3.50E+00	5.10E+00	1.90E+01
TM	24	L10982-05	6/7/2006	I-131	2.00E+00	3.50E+00	1.20E+01
TM	24	L10982-05	6/7/2006	I-131	-1.29E-01	2.10E-02	8.20E-01
TM	24	L10982-05	6/7/2006	K-40	1.36E+03	8.40E+01	1.40E+02 *
TM	24	L10982-05	6/7/2006	La-140	-2.20E+00	3.30E+00	1.40E+01
TM	24	L10982-05	6/7/2006	Mn-54	-6.30E+00	2.50E+00	1.00E+01
TM	24	L10982-05	6/7/2006	Nb-95	3.00E-01	2.70E+00	9.70E+00
TM	24	L10982-05	6/7/2006	Ru-103	-2.90E+00	2.10E+00	8.00E+00
TM	24	L10982-05	6/7/2006	Ru-106	2.00E+00	1.80E+01	6.30E+01
TM	24	L10982-05	6/7/2006	Sb-124	-4.60E+00	5.10E+00	2.10E+01
TM	24	L10982-05	6/7/2006	Sb-125	6.70E+00	5.70E+00	1.90E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	24	L10982-05	6/7/2006	Se-75	1.30E+00	2.10E+00	7.30E+00
TM	24	L10982-05	6/7/2006	Zn-65	3.50E+00	5.30E+00	1.90E+01
TM	24	L10982-05	6/7/2006	Zr-95	2.40E+00	3.50E+00	1.20E+01
TM	24	L11021-05	6/20/2006	AcTh-228	6.00E-01	8.60E+00	3.10E+01
TM	24	L11021-05	6/20/2006	Ag-108m	2.00E+00	1.70E+00	5.70E+00
TM	24	L11021-05	6/20/2006	Ag-110m	4.70E+00	3.10E+00	1.00E+01
TM	24	L11021-05	6/20/2006	Ba-140	-2.00E+00	2.60E+00	1.10E+01
TM	24	L11021-05	6/20/2006	Be-7	0.00E+00	1.60E+01	5.70E+01
TM	24	L11021-05	6/20/2006	Ce-141	-6.90E+00	3.00E+00	1.10E+01
TM	24	L11021-05	6/20/2006	Ce-144	2.40E+01	1.20E+01	3.80E+01
TM	24	L11021-05	6/20/2006	Co-57	-3.00E-01	1.40E+00	4.80E+00
TM	24	L11021-05	6/20/2006	Co-58	-5.20E+00	2.30E+00	9.50E+00
TM	24	L11021-05	6/20/2006	Co-60	2.10E+00	2.70E+00	9.50E+00
TM	24	L11021-05	6/20/2006	Cr-51	1.40E+01	1.90E+01	6.50E+01
TM	24	L11021-05	6/20/2006	Cs-134	3.60E+00	2.30E+00	7.70E+00
TM	24	L11021-05	6/20/2006	Cs-137	6.10E+00	2.60E+00	8.00E+00
TM	24	L11021-05	6/20/2006	Fe-59	1.10E+00	5.00E+00	1.80E+01
TM	24	L11021-05	6/20/2006	I-131	1.30E-01	1.90E-01	8.10E-01
TM	24	L11021-05	6/20/2006	I-131	4.20E+00	3.60E+00	1.20E+01
TM	24	L11021-05	6/20/2006	K-40	1.85E+03	9.30E+01	1.10E+02 *
TM	24	L11021-05	6/20/2006	La-140	-2.30E+00	-3.00E+00	1.30E+01
TM	24	L11021-05	6/20/2006	Mn-54	-6.00E-01	2.40E+00	8.80E+00
TM	24	L11021-05	6/20/2006	Nb-95	1.10E+00	2.60E+00	9.20E+00
TM	24	L11021-05	6/20/2006	Ru-103	2.10E+00	2.30E+00	7.80E+00
TM	24	L11021-05	6/20/2006	Ru-106	-1.90E+01	2.00E+01	7.50E+01
TM	24	L11021-05	6/20/2006	Sb-124	-7.70E+00	4.30E+00	2.00E+01
TM	24	L11021-05	6/20/2006	Sb-125	-1.80E+00	5.10E+00	1.90E+01
TM	24	L11021-05	6/20/2006	Se-75	-3.00E+00	2.40E+00	9.00E+00
TM	24	L11021-05	6/20/2006	Zn-65	-1.47E+01	5.70E+00	2.30E+01
TM	24	L11021-05	6/20/2006	Zr-95	1.10E+00	3.90E+00	1.40E+01
TM	24	L11085-05	7/5/2006	AcTh-228	-7.00E-01	6.90E+00	2.50E+01
TM	24	L11085-05	7/5/2006	Ag-108m	-5.00E-01	1.40E+00	5.00E+00
TM	24	L11085-05	7/5/2006	Ag-110m	3.60E+00	2.40E+00	7.70E+00
TM	24	L11085-05	7/5/2006	Ba-140	1.80E+00	2.80E+00	1.00E+01
TM	24	L11085-05	7/5/2006	Be-7	-2.00E+00	1.30E+01	4.80E+01
TM	24	L11085-05	7/5/2006	Ce-141	1.50E+00	2.50E+00	8.70E+00
TM	24	L11085-05	7/5/2006	Ce-144	-9.00E+00	1.00E+01	3.50E+01
TM	24	L11085-05	7/5/2006	Co-57	1.20E+00	1.20E+00	4.00E+00
TM	24	L11085-05	7/5/2006	Co-58	3.00E-01	1.70E+00	6.10E+00
TM	24	L11085-05	7/5/2006	Co-60	5.90E+00	2.80E+00	9.00E+00
TM	24	L11085-05	7/5/2006	Cr-51	6.00E+00	1.50E+01	5.20E+01
TM	24	L11085-05	7/5/2006	Cs-134	4.00E-01	1.90E+00	7.00E+00
TM	24	L11085-05	7/5/2006	Cs-137	5.60E+00	2.60E+00	8.30E+00
TM	24	L11085-05	7/5/2006	Fe-59	9.30E+00	4.20E+00	1.30E+01
TM	24	L11085-05	7/5/2006	I-131	-2.50E+00	3.20E+00	1.20E+01
TM	24	L11085-05	7/5/2006	I-131	6.00E-02	1.30E-01	6.90E-01
TM	24	L11085-05	7/5/2006	K-40	1.83E+03	8.30E+01	6.40E+01 *
TM	24	L11085-05	7/5/2006	La-140	2.00E+00	3.30E+00	1.20E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	24	L11085-05	7/5/2006	Mn-54	-1.10E+00	1.70E+00	6.50E+00
TM	24	L11085-05	7/5/2006	Nb-95	-7.00E-01	1.70E+00	6.60E+00
TM	24	L11085-05	7/5/2006	Ru-103	6.00E-01	1.70E+00	6.10E+00
TM	24	L11085-05	7/5/2006	Ru-106	1.10E+01	1.50E+01	5.30E+01
TM	24	L11085-05	7/5/2006	Sb-124	-6.90E+00	4.30E+00	1.90E+01
TM	24	L11085-05	7/5/2006	Sb-125	-3.90E+00	4.10E+00	1.60E+01
TM	24	L11085-05	7/5/2006	Se-75	1.90E+00	1.90E+00	6.40E+00
TM	24	L11085-05	7/5/2006	Zn-65	0.00E+00	4.40E+00	1.60E+01
TM	24	L11085-05	7/5/2006	Zr-95	-4.00E+00	3.00E+00	1.20E+01
TM	24	L11163-05	7/19/2006	AcTh-228	-1.40E+00	4.50E+00	1.60E+01
TM	24	L11163-05	7/19/2006	Ag-108m	-3.00E-01	1.00E+00	3.40E+00
TM	24	L11163-05	7/19/2006	Ag-110m	4.00E-01	1.50E+00	5.20E+00
TM	24	L11163-05	7/19/2006	Ba-140	8.00E-01	1.90E+00	6.50E+00
TM	24	L11163-05	7/19/2006	Be-7	-4.00E+00	1.00E+01	3.50E+01
TM	24	L11163-05	7/19/2006	Ce-141	4.00E+00	1.80E+00	5.90E+00
TM	24	L11163-05	7/19/2006	Ce-144	3.80E+00	5.70E+00	1.90E+01
TM	24	L11163-05	7/19/2006	Co-57	3.00E-01	7.20E-01	2.40E+00
TM	24	L11163-05	7/19/2006	Co-58	8.00E-01	1.10E+00	3.90E+00
TM	24	L11163-05	7/19/2006	Co-60	-7.00E-01	1.50E+00	5.10E+00
TM	24	L11163-05	7/19/2006	Cr-51	-1.30E+01	1.10E+01	3.70E+01
TM	24	L11163-05	7/19/2006	Cs-134	-1.40E+00	1.20E+00	4.40E+00
TM	24	L11163-05	7/19/2006	Cs-137	4.90E+00	1.40E+00	4.40E+00 *
TM	24	L11163-05	7/19/2006	Fe-59	-2.00E+00	2.80E+00	9.90E+00
TM	24	L11163-05	7/19/2006	I-131	7.00E-01	2.80E+00	9.40E+00
TM	24	L11163-05	7/19/2006	I-131	-8.90E-02	2.00E-02	7.90E-01
TM	24	L11163-05	7/19/2006	K-40	1.76E+03	4.40E+01	5.00E+01 *
TM	24	L11163-05	7/19/2006	La-140	9.00E-01	2.10E+00	7.50E+00
TM	24	L11163-05	7/19/2006	Mn-54	-1.10E+00	1.10E+00	3.90E+00
TM	24	L11163-05	7/19/2006	Nb-95	-1.20E+00	1.30E+00	4.80E+00
TM	24	L11163-05	7/19/2006	Ru-103	-1.40E+00	1.20E+00	4.40E+00
TM	24	L11163-05	7/19/2006	Ru-106	-5.00E+00	1.10E+01	3.70E+01
TM	24	L11163-05	7/19/2006	Sb-124	-2.40E+00	2.40E+00	9.00E+00
TM	24	L11163-05	7/19/2006	Sb-125	2.20E+00	2.80E+00	9.40E+00
TM	24	L11163-05	7/19/2006	Se-75	-4.10E+00	1.30E+00	4.80E+00
TM	24	L11163-05	7/19/2006	Zn-65	-1.90E+00	2.80E+00	9.70E+00
TM	24	L11163-05	7/19/2006	Zr-95	-1.50E+00	2.00E+00	7.20E+00
TM	24	L11234-05	8/3/2006	AcTh-228	-9.10E+00	8.00E+00	3.10E+01
TM	24	L11234-05	8/3/2006	Ag-108m	-1.00E-01	1.90E+00	6.90E+00
TM	24	L11234-05	8/3/2006	Ag-110m	-8.00E-01	2.60E+00	9.90E+00
TM	24	L11234-05	8/3/2006	Ba-140	3.20E+00	3.80E+00	1.40E+01
TM	24	L11234-05	8/3/2006	Be-7	-1.20E+01	1.90E+01	7.00E+01
TM	24	L11234-05	8/3/2006	Ce-141	4.00E-01	3.20E+00	1.10E+01
TM	24	L11234-05	8/3/2006	Ce-144	-1.50E+01	1.20E+01	4.40E+01
TM	24	L11234-05	8/3/2006	Co-57	-3.50E+00	1.50E+00	5.80E+00
TM	24	L11234-05	8/3/2006	Co-58	0.00E+00	2.10E+00	7.80E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	24	L11234-05	8/3/2006	Co-60	2.60E+00	2.40E+00	8.30E+00
TM	24	L11234-05	8/3/2006	Cr-51	2.20E+01	2.10E+01	7.20E+01
TM	24	L11234-05	8/3/2006	Cs-134	1.00E+00	2.50E+00	8.70E+00
TM	24	L11234-05	8/3/2006	Cs-137	8.00E+00	3.00E+00	9.20E+00
TM	24	L11234-05	8/3/2006	Fe-59	-1.27E+01	5.90E+00	2.40E+01
TM	24	L11234-05	8/3/2006	I-131	-1.40E+00	5.50E+00	2.00E+01
TM	24	L11234-05	8/3/2006	I-131	3.00E-02	1.50E-01	8.30E-01
TM	24	L11234-05	8/3/2006	K-40	1.83E+03	9.10E+01	1.10E+02 *
TM	24	L11234-05	8/3/2006	La-140	3.60E+00	4.40E+00	1.60E+01
TM	24	L11234-05	8/3/2006	Mn-54	-9.00E-01	2.10E+00	8.00E+00
TM	24	L11234-05	8/3/2006	Nb-95	7.00E-01	2.60E+00	9.20E+00
TM	24	L11234-05	8/3/2006	Ru-103	-1.80E+00	2.10E+00	7.80E+00
TM	24	L11234-05	8/3/2006	Ru-106	-7.00E+00	2.10E+01	7.60E+01
TM	24	L11234-05	8/3/2006	Sb-124	-1.10E+00	5.30E+00	2.10E+01
TM	24	L11234-05	8/3/2006	Sb-125	-2.00E-01	5.80E+00	2.10E+01
TM	24	L11234-05	8/3/2006	Se-75	-2.60E+00	2.40E+00	9.00E+00
TM	24	L11234-05	8/3/2006	Zn-65	6.60E+00	5.80E+00	2.00E+01
TM	24	L11234-05	8/3/2006	Zr-95	-3.20E+00	3.90E+00	1.50E+01
TM	24	L11286-05	8/16/2006	AcTh-228	3.40E+00	5.10E+00	1.70E+01
TM	24	L11286-05	8/16/2006	Ag-108m	1.60E+00	1.00E+00	3.30E+00
TM	24	L11286-05	8/16/2006	Ag-110m	1.00E+00	1.80E+00	6.00E+00
TM	24	L11286-05	8/16/2006	Ba-140	2.00E-01	1.80E+00	6.40E+00
TM	24	L11286-05	8/16/2006	Be-7	-4.80E+00	9.10E+00	3.20E+01
TM	24	L11286-05	8/16/2006	Ce-141	2.70E+00	2.50E+00	8.20E+00
TM	24	L11286-05	8/16/2006	Ce-144	-8.00E-01	6.80E+00	2.30E+01
TM	24	L11286-05	8/16/2006	Co-57	2.32E+00	8.80E-01	2.80E+00
TM	24	L11286-05	8/16/2006	Co-58	-2.00E-01	1.30E+00	4.70E+00
TM	24	L11286-05	8/16/2006	Co-60	-4.00E+00	1.60E+00	6.20E+00
TM	24	L11286-05	8/16/2006	Cr-51	-1.20E+01	1.10E+01	3.80E+01
TM	24	L11286-05	8/16/2006	Cs-134	1.30E+00	1.50E+00	5.00E+00
TM	24	L11286-05	8/16/2006	Cs-137	6.30E+00	1.50E+00	4.60E+00 *
TM	24	L11286-05	8/16/2006	Fe-59	-4.00E+00	3.30E+00	1.20E+01
TM	24	L11286-05	8/16/2006	I-131	1.00E-02	1.60E-01	8.30E-01
TM	24	L11286-05	8/16/2006	I-131	3.20E+00	2.30E+00	7.80E+00
TM	24	L11286-05	8/16/2006	K-40	1.70E+03	5.20E+01	6.60E+01 *
TM	24	L11286-05	8/16/2006	La-140	3.00E-01	2.00E+00	7.30E+00
TM	24	L11286-05	8/16/2006	Mn-54	-1.20E+00	1.20E+00	4.30E+00
TM	24	L11286-05	8/16/2006	Nb-95	-8.00E-01	1.60E+00	5.60E+00
TM	24	L11286-05	8/16/2006	Ru-103	-2.10E+00	1.30E+00	4.70E+00
TM	24	L11286-05	8/16/2006	Ru-106	-1.00E+01	1.20E+01	4.20E+01
TM	24	L11286-05	8/16/2006	Sb-124	-3.80E+00	2.80E+00	1.10E+01
TM	24	L11286-05	8/16/2006	Sb-125	-2.20E+00	2.90E+00	1.00E+01
TM	24	L11286-05	8/16/2006	Se-75	2.10E+00	1.50E+00	5.10E+00
TM	24	L11286-05	8/16/2006	Zn-65	-5.00E+00	3.30E+00	1.20E+01
TM	24	L11286-05	8/16/2006	Zr-95	-2.70E+00	2.40E+00	8.60E+00
TM	24	L11396-05	9/13/2006	AcTh-228	8.20E+00	8.20E+00	2.80E+01
TM	24	L11396-05	9/13/2006	Ag-108m	-6.00E-01	1.50E+00	5.50E+00
TM	24	L11396-05	9/13/2006	Ag-110m	-2.00E-01	2.80E+00	1.00E+01
TM	24	L11396-05	9/13/2006	Ba-140	-3.30E+00	3.30E+00	1.40E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	24	L11396-05	9/13/2006	Be-7	5.00E+00	1.50E+01	5.30E+01
TM	24	L11396-05	9/13/2006	Ce-141	-4.80E+00	2.60E+00	9.50E+00
TM	24	L11396-05	9/13/2006	Ce-144	-6.90E+00	8.30E+00	3.00E+01
TM	24	L11396-05	9/13/2006	Co-57	1.90E+00	1.00E+00	3.30E+00
TM	24	L11396-05	9/13/2006	Co-58	8.00E-01	2.20E+00	7.80E+00
TM	24	L11396-05	9/13/2006	Co-60	3.40E+00	2.60E+00	8.60E+00
TM	24	L11396-05	9/13/2006	Cr-51	-8.00E+00	1.40E+01	5.10E+01
TM	24	L11396-05	9/13/2006	Cs-134	-9.00E-01	2.40E+00	8.90E+00
TM	24	L11396-05	9/13/2006	Cs-137	5.00E-01	1.90E+00	6.90E+00
TM	24	L11396-05	9/13/2006	Fe-59	-3.30E+00	5.20E+00	2.00E+01
TM	24	L11396-05	9/13/2006	I-131	-5.00E-01	2.80E+00	1.00E+01
TM	24	L11396-05	9/13/2006	I-131	-2.00E-02	1.20E-01	7.30E-01
TM	24	L11396-05	9/13/2006	K-40	1.67E+03	8.50E+01	9.60E+01 *
TM	24	L11396-05	9/13/2006	La-140	-3.80E+00	3.80E+00	1.60E+01
TM	24	L11396-05	9/13/2006	Mn-54	2.10E+00	2.10E+00	7.00E+00
TM	24	L11396-05	9/13/2006	Nb-95	-2.90E+00	2.40E+00	9.10E+00
TM	24	L11396-05	9/13/2006	Ru-103	1.70E+00	2.10E+00	7.00E+00
TM	24	L11396-05	9/13/2006	Ru-106	1.20E+01	1.90E+01	6.40E+01
TM	24	L11396-05	9/13/2006	Sb-124	-1.10E+00	5.20E+00	2.00E+01
TM	24	L11396-05	9/13/2006	Sb-125	2.80E+00	4.90E+00	1.70E+01
TM	24	L11396-05	9/13/2006	Se-75	-4.20E+00	2.00E+00	7.50E+00
TM	24	L11396-05	9/13/2006	Zn-65	0.00E+00	5.80E+00	2.10E+01
TM	24	L11396-05	9/13/2006	Zr-95	-2.90E+00	4.00E+00	1.50E+01
TM	24	L11477-05	9/27/2006	AcTh-228	2.10E+00	6.30E+00	2.20E+01
TM	24	L11477-05	9/27/2006	Ag-108m	-1.60E+00	1.40E+00	5.00E+00
TM	24	L11477-05	9/27/2006	Ag-110m	-3.90E+00	2.50E+00	9.40E+00
TM	24	L11477-05	9/27/2006	Ba-140	2.50E+00	3.10E+00	1.10E+01
TM	24	L11477-05	9/27/2006	Be-7	1.10E+01	1.40E+01	4.90E+01
TM	24	L11477-05	9/27/2006	Ce-141	3.10E+00	2.30E+00	7.50E+00
TM	24	L11477-05	9/27/2006	Ce-144	1.00E+00	8.10E+00	2.80E+01
TM	24	L11477-05	9/27/2006	Co-57	-2.00E-01	1.00E+00	3.50E+00
TM	24	L11477-05	9/27/2006	Co-58	2.50E+00	1.80E+00	6.00E+00
TM	24	L11477-05	9/27/2006	Co-60	3.90E+00	2.40E+00	8.00E+00
TM	24	L11477-05	9/27/2006	Cr-51	1.50E+01	1.40E+01	4.80E+01
TM	24	L11477-05	9/27/2006	Cs-134	-2.10E+00	1.80E+00	6.80E+00
TM	24	L11477-05	9/27/2006	Cs-137	2.90E+00	1.70E+00	5.70E+00
TM	24	L11477-05	9/27/2006	Fe-59	-4.40E+00	4.30E+00	1.60E+01
TM	24	L11477-05	9/27/2006	I-131	6.00E-02	1.50E-01	8.00E-01
TM	24	L11477-05	9/27/2006	I-131	2.60E+00	3.70E+00	1.30E+01
TM	24	L11477-05	9/27/2006	K-40	1.87E+03	7.30E+01	9.00E+01 *
TM	24	L11477-05	9/27/2006	La-140	2.90E+00	3.60E+00	1.30E+01
TM	24	L11477-05	9/27/2006	Mn-54	1.40E+00	1.70E+00	5.90E+00
TM	24	L11477-05	9/27/2006	Nb-95	-1.30E+00	2.20E+00	7.90E+00
TM	24	L11477-05	9/27/2006	Ru-103	-6.00E-01	1.80E+00	6.30E+00
TM	24	L11477-05	9/27/2006	Ru-106	-1.30E+01	1.50E+01	5.30E+01
TM	24	L11477-05	9/27/2006	Sb-124	4.30E+00	4.30E+00	1.50E+01
TM	24	L11477-05	9/27/2006	Sb-125	4.60E+00	4.40E+00	1.50E+01
TM	24	L11477-05	9/27/2006	Se-75	-3.00E-01	1.70E+00	5.90E+00
TM	24	L11477-05	9/27/2006	Zn-65	1.30E+00	4.70E+00	1.60E+01
TM	24	L11477-05	9/27/2006	Zr-95	-8.00E-01	3.00E+00	1.10E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	8	L10948-01	5/30/2006	AcTh-228	2.40E+01	3.30E+01	1.20E+02
TG	8	L10948-01	5/30/2006	Ag-108m	-3.20E+00	7.90E+00	2.90E+01
TG	8	L10948-01	5/30/2006	Ag-110m	5.00E+00	1.20E+01	4.20E+01
TG	8	L10948-01	5/30/2006	Ba-140	-1.10E+01	1.70E+01	7.00E+01
TG	8	L10948-01	5/30/2006	Be-7	4.90E+02	1.30E+02	3.90E+02 *
TG	8	L10948-01	5/30/2006	Ce-141	-8.00E+00	1.30E+01	4.60E+01
TG	8	L10948-01	5/30/2006	Ce-144	2.00E+00	4.20E+01	1.50E+02
TG	8	L10948-01	5/30/2006	Co-57	-2.70E+00	4.90E+00	1.80E+01
TG	8	L10948-01	5/30/2006	Co-58	1.00E+00	1.00E+01	3.60E+01
TG	8	L10948-01	5/30/2006	Co-60	-1.00E+00	1.10E+01	3.90E+01
TG	8	L10948-01	5/30/2006	Cr-51	-7.30E+01	8.80E+01	3.20E+02
TG	8	L10948-01	5/30/2006	Cs-134	1.00E+00	1.00E+01	3.70E+01
TG	8	L10948-01	5/30/2006	Cs-137	-2.50E+00	9.30E+00	3.40E+01
TG	8	L10948-01	5/30/2006	Fe-59	-1.90E+01	2.20E+01	8.70E+01
TG	8	L10948-01	5/30/2006	I-131	0.00E+00	2.50E+01	8.70E+01
TG	8	L10948-01	5/30/2006	I-131	-6.80E+00	1.10E+00	5.10E+01
TG	8	L10948-01	5/30/2006	K-40	3.15E+03	2.70E+02	4.60E+02 *
TG	8	L10948-01	5/30/2006	La-140	-1.30E+01	2.00E+01	8.10E+01
TG	8	L10948-01	5/30/2006	Mn-54	1.20E+00	8.90E+00	3.20E+01
TG	8	L10948-01	5/30/2006	Nb-95	-2.40E+01	1.20E+01	4.70E+01
TG	8	L10948-01	5/30/2006	Ru-103	-9.00E+00	1.20E+01	4.30E+01
TG	8	L10948-01	5/30/2006	Ru-106	2.20E+01	8.70E+01	3.10E+02
TG	8	L10948-01	5/30/2006	Sb-124	5.00E+00	2.10E+01	7.90E+01
TG	8	L10948-01	5/30/2006	Sb-125	-3.70E+01	2.00E+01	8.10E+01
TG	8	L10948-01	5/30/2006	Se-75	-2.00E+00	1.10E+01	3.70E+01
TG	8	L10948-01	5/30/2006	Zn-65	-4.20E+01	2.30E+01	9.20E+01
TG	8	L10948-01	5/30/2006	Zr-95	-5.00E+00	1.80E+01	6.80E+01
TG	8	L11018-01	6/19/2006	AcTh-228	3.60E+01	5.20E+01	1.80E+02
TG	8	L11018-01	6/19/2006	Ag-108m	-5.90E+00	8.60E+00	3.30E+01
TG	8	L11018-01	6/19/2006	Ag-110m	-9.00E+00	2.00E+01	7.50E+01
TG	8	L11018-01	6/19/2006	Ba-140	-5.60E+01	4.10E+01	1.90E+02
TG	8	L11018-01	6/19/2006	Be-7	1.56E+03	2.20E+02	5.60E+02 *
TG	8	L11018-01	6/19/2006	Ce-141	-4.00E+00	1.80E+01	6.40E+01
TG	8	L11018-01	6/19/2006	Ce-144	8.80E+01	5.00E+01	1.60E+02
TG	8	L11018-01	6/19/2006	Co-57	1.60E+00	6.00E+00	2.10E+01
TG	8	L11018-01	6/19/2006	Co-58	-9.00E+00	1.50E+01	5.70E+01
TG	8	L11018-01	6/19/2006	Co-60	5.00E+00	1.30E+01	4.80E+01
TG	8	L11018-01	6/19/2006	Cr-51	-2.30E+02	1.60E+02	5.90E+02
TG	8	L11018-01	6/19/2006	Cs-134	-6.00E+00	1.40E+01	5.40E+01
TG	8	L11018-01	6/19/2006	Cs-137	-3.00E+00	1.30E+01	4.90E+01
TG	8	L11018-01	6/19/2006	Fe-59	-6.00E+00	3.20E+01	1.20E+02
TG	8	L11018-01	6/19/2006	I-131	-8.00E+00	7.90E+01	2.80E+02
TG	8	L11018-01	6/19/2006	I-131	6.00E-01	7.60E+00	4.40E+01
TG	8	L11018-01	6/19/2006	K-40	3.74E+03	3.70E+02	6.10E+02 *
TG	8	L11018-01	6/19/2006	La-140	-6.50E+01	4.70E+01	2.20E+02
TG	8	L11018-01	6/19/2006	Mn-54	-1.00E+01	1.20E+01	4.90E+01
TG	8	L11018-01	6/19/2006	Nb-95	2.30E+01	2.00E+01	6.70E+01
TG	8	L11018-01	6/19/2006	Ru-103	1.20E+01	1.40E+01	5.00E+01
TG	8	L11018-01	6/19/2006	Ru-106	-5.00E+01	1.20E+02	4.60E+02
TG	8	L11018-01	6/19/2006	Sb-124	-6.00E+01	3.50E+01	1.70E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	8	L11018-01	6/19/2006	Sb-125	-4.00E+01	2.80E+01	1.10E+02
TG	8	L11018-01	6/19/2006	Se-75	1.00E+01	1.30E+01	4.40E+01
TG	8	L11018-01	6/19/2006	Zn-65	-5.00E+00	3.00E+01	1.10E+02
TG	8	L11018-01	6/19/2006	Zr-95	-2.70E+01	2.10E+01	8.90E+01
TG	8	L11168-01	7/18/2006	AcTh-228	5.00E+01	4.90E+01	1.70E+02
TG	8	L11168-01	7/18/2006	Ag-108m	-5.00E+00	1.10E+01	3.90E+01
TG	8	L11168-01	7/18/2006	Ag-110m	5.00E+00	1.60E+01	5.80E+01
TG	8	L11168-01	7/18/2006	Ba-140	-1.60E+01	3.70E+01	1.50E+02
TG	8	L11168-01	7/18/2006	Be-7	1.43E+03	1.90E+02	4.90E+02 *
TG	8	L11168-01	7/18/2006	Ce-141	3.90E+01	2.20E+01	7.10E+01
TG	8	L11168-01	7/18/2006	Ce-144	2.10E+01	5.20E+01	1.80E+02
TG	8	L11168-01	7/18/2006	Co-57	1.23E+01	7.00E+00	2.30E+01
TG	8	L11168-01	7/18/2006	Co-58	-2.10E+01	1.50E+01	5.80E+01
TG	8	L11168-01	7/18/2006	Co-60	1.00E+00	1.40E+01	5.00E+01
TG	8	L11168-01	7/18/2006	Cr-51	1.30E+02	1.30E+02	4.40E+02
TG	8	L11168-01	7/18/2006	Cs-134	-1.90E+01	1.50E+01	5.70E+01
TG	8	L11168-01	7/18/2006	Cs-137	-4.00E+00	1.10E+01	4.00E+01
TG	8	L11168-01	7/18/2006	Fe-59	-8.00E+00	3.40E+01	1.30E+02
TG	8	L11168-01	7/18/2006	I-131	6.40E+01	7.40E+01	2.50E+02
TG	8	L11168-01	7/18/2006	I-131	1.20E+01	1.20E+01	4.30E+01
TG	8	L11168-01	7/18/2006	K-40	3.77E+03	3.40E+02	6.50E+02 *
TG	8	L11168-01	7/18/2006	La-140	-1.80E+01	4.30E+01	1.70E+02
TG	8	L11168-01	7/18/2006	Mn-54	-5.00E+00	1.30E+01	4.70E+01
TG	8	L11168-01	7/18/2006	Nb-95	-7.00E+00	1.70E+01	6.50E+01
TG	8	L11168-01	7/18/2006	Ru-103	-2.40E+01	1.80E+01	6.80E+01
TG	8	L11168-01	7/18/2006	Ru-106	-1.10E+02	1.20E+02	4.50E+02
TG	8	L11168-01	7/18/2006	Sb-124	-7.00E+00	3.20E+01	1.30E+02
TG	8	L11168-01	7/18/2006	Sb-125	2.20E+01	3.20E+01	1.10E+02
TG	8	L11168-01	7/18/2006	Se-75	2.00E+00	1.50E+01	5.30E+01
TG	8	L11168-01	7/18/2006	Zn-65	-7.20E+01	3.10E+01	1.30E+02
TG	8	L11168-01	7/18/2006	Zr-95	-1.30E+01	2.50E+01	9.30E+01
TG	8	L11308-01	8/22/2006	AcTh-228	3.20E+01	4.80E+01	1.70E+02
TG	8	L11308-01	8/22/2006	Ag-108m	-1.50E+01	1.20E+01	4.30E+01
TG	8	L11308-01	8/22/2006	Ag-110m	-2.00E+00	1.70E+01	6.40E+01
TG	8	L11308-01	8/22/2006	Ba-140	-1.10E+01	3.00E+01	1.20E+02
TG	8	L11308-01	8/22/2006	Be-7	9.10E+02	1.80E+02	5.20E+02 *
TG	8	L11308-01	8/22/2006	Ce-141	2.00E+01	2.20E+01	7.30E+01
TG	8	L11308-01	8/22/2006	Ce-144	4.10E+01	5.60E+01	1.90E+02
TG	8	L11308-01	8/22/2006	Co-57	-6.20E+00	7.50E+00	2.70E+01
TG	8	L11308-01	8/22/2006	Co-58	-1.30E+01	1.40E+01	5.40E+01
TG	8	L11308-01	8/22/2006	Co-60	-1.90E+01	1.70E+01	6.40E+01
TG	8	L11308-01	8/22/2006	Cr-51	5.00E+01	1.20E+02	4.30E+02
TG	8	L11308-01	8/22/2006	Cs-134	1.80E+01	1.40E+01	4.80E+01
TG	8	L11308-01	8/22/2006	Cs-137	1.80E+01	1.30E+01	4.30E+01
TG	8	L11308-01	8/22/2006	Fe-59	0.00E+00	3.40E+01	1.20E+02
TG	8	L11308-01	8/22/2006	I-131	-1.60E+01	4.30E+01	1.50E+02
TG	8	L11308-01	8/22/2006	I-131	-9.30E+00	1.50E+00	5.80E+01
TG	8	L11308-01	8/22/2006	K-40	3.56E+03	3.30E+02	6.40E+02 *
TG	8	L11308-01	8/22/2006	La-140	-1.30E+01	3.50E+01	1.40E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	8	L11308-01	8/22/2006	Mn-54	1.80E+01	1.40E+01	4.50E+01
TG	8	L11308-01	8/22/2006	Nb-95	1.80E+01	1.70E+01	5.90E+01
TG	8	L11308-01	8/22/2006	Ru-103	-2.00E+00	1.40E+01	5.20E+01
TG	8	L11308-01	8/22/2006	Ru-106	-1.10E+02	1.30E+02	4.70E+02
TG	8	L11308-01	8/22/2006	Sb-124	3.40E+01	3.10E+01	1.10E+02
TG	8	L11308-01	8/22/2006	Sb-125	-3.90E+01	3.20E+01	1.20E+02
TG	8	L11308-01	8/22/2006	Se-75	7.00E+00	1.60E+01	5.50E+01
TG	8	L11308-01	8/22/2006	Zn-65	0.00E+00	3.10E+01	1.10E+02
TG	8	L11308-01	8/22/2006	Zr-95	-1.60E+01	2.50E+01	9.40E+01
TG	8	L11473-01	9/26/2006	AcTh-228	9.80E+01	3.50E+01	1.30E+02
TG	8	L11473-01	9/26/2006	Ag-108m	8.00E-01	6.90E+00	2.40E+01
TG	8	L11473-01	9/26/2006	Ag-110m	-9.00E+00	1.30E+01	4.70E+01
TG	8	L11473-01	9/26/2006	Ba-140	-1.90E+01	4.00E+01	1.50E+02
TG	8	L11473-01	9/26/2006	Be-7	1.32E+03	1.30E+02	3.50E+02 *
TG	8	L11473-01	9/26/2006	Ce-141	-3.60E+01	2.30E+01	7.90E+01
TG	8	L11473-01	9/26/2006	Ce-144	5.80E+01	5.80E+01	1.90E+02
TG	8	L11473-01	9/26/2006	Co-57	1.12E+01	4.40E+00	1.40E+01
TG	8	L11473-01	9/26/2006	Co-58	-7.00E+00	1.10E+01	3.80E+01
TG	8	L11473-01	9/26/2006	Co-60	-6.00E+00	1.00E+01	3.70E+01
TG	8	L11473-01	9/26/2006	Cr-51	6.00E+01	1.00E+02	3.40E+02
TG	8	L11473-01	9/26/2006	Cs-134	2.57E+01	8.90E+00	2.80E+01
TG	8	L11473-01	9/26/2006	Cs-137	1.17E+01	8.00E+00	2.60E+01
TG	8	L11473-01	9/26/2006	Fe-59	2.00E+01	2.70E+01	9.20E+01
TG	8	L11473-01	9/26/2006	I-131	2.00E-01	8.90E+00	5.20E+01
TG	8	L11473-01	9/26/2006	I-131	8.80E+01	7.10E+01	2.40E+02
TG	8	L11473-01	9/26/2006	K-40	4.26E+03	2.50E+02	4.60E+02 *
TG	8	L11473-01	9/26/2006	La-140	-2.20E+01	4.60E+01	1.70E+02
TG	8	L11473-01	9/26/2006	Mn-54	-4.10E+00	9.10E+00	3.30E+01
TG	8	L11473-01	9/26/2006	Nb-95	-1.00E+01	1.50E+01	5.40E+01
TG	8	L11473-01	9/26/2006	Ru-103	-3.00E+00	1.10E+01	3.90E+01
TG	8	L11473-01	9/26/2006	Ru-106	-1.23E+02	7.50E+01	2.80E+02
TG	8	L11473-01	9/26/2006	Sb-124	-3.40E+01	2.60E+01	1.00E+02
TG	8	L11473-01	9/26/2006	Sb-125	-2.20E+01	2.10E+01	7.60E+01
TG	8	L11473-01	9/26/2006	Se-75	5.50E+00	8.90E+00	3.00E+01
TG	8	L11473-01	9/26/2006	Zn-65	-5.40E+01	2.20E+01	8.50E+01
TG	8	L11473-01	9/26/2006	Zr-95	-2.80E+01	2.00E+01	7.30E+01
TG	8	L11611-0110/27/2006	AcTh-228	8.80E+01	5.40E+01	1.80E+02	
TG	8	L11611-0110/27/2006	Ag-108m	-1.40E+01	1.00E+01	3.80E+01	
TG	8	L11611-0110/27/2006	Ag-110m	-1.30E+01	1.80E+01	6.80E+01	
TG	8	L11611-0110/27/2006	Ba-140	4.90E+01	4.20E+01	1.40E+02	
TG	8	L11611-0110/27/2006	Be-7	4.57E+03	2.70E+02	4.40E+02 *	
TG	8	L11611-0110/27/2006	Ce-141	-8.00E+00	1.70E+01	6.10E+01	
TG	8	L11611-0110/27/2006	Ce-144	-9.00E+00	4.00E+01	1.40E+02	
TG	8	L11611-0110/27/2006	Co-57	-4.90E+00	5.20E+00	1.90E+01	
TG	8	L11611-0110/27/2006	Co-58	3.90E+01	1.40E+01	4.30E+01	
TG	8	L11611-0110/27/2006	Co-60	1.80E+01	1.20E+01	4.00E+01	
TG	8	L11611-0110/27/2006	Cr-51	1.30E+02	1.10E+02	3.60E+02	
TG	8	L11611-0110/27/2006	Cs-134	3.50E+01	1.40E+01	4.10E+01	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	8	L11611-0110	27/2006	Cs-137	9.00E+00	1.20E+01	4.20E+01
TG	8	L11611-0110	27/2006	Fe-59	4.40E+01	3.20E+01	1.10E+02
TG	8	L11611-0110	27/2006	I-131	9.00E+00	1.10E+01	4.30E+01
TG	8	L11611-0110	27/2006	I-131	-1.10E+01	4.00E+01	1.50E+02
TG	8	L11611-0110	27/2006	K-40	3.11E+03	3.70E+02	7.60E+02 *
TG	8	L11611-0110	27/2006	La-140	5.70E+01	4.80E+01	1.70E+02
TG	8	L11611-0110	27/2006	Mn-54	-7.00E+00	1.10E+01	4.30E+01
TG	8	L11611-0110	27/2006	Nb-95	8.00E+00	1.90E+01	6.70E+01
TG	8	L11611-0110	27/2006	Ru-103	1.40E+01	1.50E+01	5.10E+01
TG	8	L11611-0110	27/2006	Ru-106	6.00E+01	1.20E+02	4.20E+02
TG	8	L11611-0110	27/2006	Sb-124	1.80E+01	3.10E+01	1.20E+02
TG	8	L11611-0110	27/2006	Sb-125	-4.40E+01	3.00E+01	1.20E+02
TG	8	L11611-0110	27/2006	Se-75	9.00E+00	1.20E+01	4.20E+01
TG	8	L11611-0110	27/2006	Zn-65	5.00E+01	3.40E+01	1.10E+02
TG	8	L11611-0110	27/2006	Zr-95	-2.20E+01	2.40E+01	9.30E+01
TG	9	L10948-02	5/30/2006	AcTh-228	1.00E+01	3.60E+01	1.30E+02
TG	9	L10948-02	5/30/2006	Ag-108m	0.00E+00	7.20E+00	2.70E+01
TG	9	L10948-02	5/30/2006	Ag-110m	2.00E+00	1.30E+01	4.90E+01
TG	9	L10948-02	5/30/2006	Ba-140	6.00E+00	2.00E+01	7.90E+01
TG	9	L10948-02	5/30/2006	Be-7	7.00E+02	1.30E+02	3.30E+02 *
TG	9	L10948-02	5/30/2006	Ce-141	1.30E+01	1.00E+01	3.50E+01
TG	9	L10948-02	5/30/2006	Ce-144	4.60E+01	3.30E+01	1.10E+02
TG	9	L10948-02	5/30/2006	Co-57	5.80E+00	4.20E+00	1.40E+01
TG	9	L10948-02	5/30/2006	Co-58	-6.00E+00	1.30E+01	4.80E+01
TG	9	L10948-02	5/30/2006	Co-60	0.00E+00	1.20E+01	4.60E+01
TG	9	L10948-02	5/30/2006	Cr-51	-7.90E+01	7.40E+01	2.90E+02
TG	9	L10948-02	5/30/2006	Cs-134	0.00E+00	1.10E+01	4.10E+01
TG	9	L10948-02	5/30/2006	Cs-137	1.50E+01	1.00E+01	3.30E+01
TG	9	L10948-02	5/30/2006	Fe-59	-1.50E+01	2.70E+01	1.10E+02
TG	9	L10948-02	5/30/2006	I-131	-2.60E+01	2.00E+01	7.90E+01
TG	9	L10948-02	5/30/2006	I-131	-5.20E+00	1.00E+00	4.40E+01
TG	9	L10948-02	5/30/2006	K-40	2.98E+03	3.40E+02	6.70E+02 *
TG	9	L10948-02	5/30/2006	La-140	7.00E+00	2.30E+01	9.10E+01
TG	9	L10948-02	5/30/2006	Mn-54	3.00E-01	9.50E+00	3.60E+01
TG	9	L10948-02	5/30/2006	Nb-95	5.00E+00	1.10E+01	4.20E+01
TG	9	L10948-02	5/30/2006	Ru-103	-7.50E+00	9.40E+00	3.70E+01
TG	9	L10948-02	5/30/2006	Ru-106	5.50E+01	8.90E+01	3.20E+02
TG	9	L10948-02	5/30/2006	Sb-124	-2.40E+01	1.80E+01	9.80E+01
TG	9	L10948-02	5/30/2006	Sb-125	-6.00E+00	1.90E+01	7.30E+01
TG	9	L10948-02	5/30/2006	Se-75	-6.00E-01	9.30E+00	3.30E+01
TG	9	L10948-02	5/30/2006	Zn-65	9.00E+00	2.40E+01	8.90E+01
TG	9	L10948-02	5/30/2006	Zr-95	-1.20E+01	2.00E+01	7.80E+01
TG	9	L11018-02	6/19/2006	AcTh-228	8.00E+01	6.10E+01	2.00E+02
TG	9	L11018-02	6/19/2006	Ag-108m	1.00E+01	1.10E+01	3.70E+01
TG	9	L11018-02	6/19/2006	Ag-110m	-1.00E+01	1.90E+01	7.40E+01
TG	9	L11018-02	6/19/2006	Ba-140	-2.50E+01	5.30E+01	2.20E+02
TG	9	L11018-02	6/19/2006	Be-7	2.20E+03	2.70E+02	6.40E+02 *
TG	9	L11018-02	6/19/2006	Ce-141	-2.00E+01	2.40E+01	8.70E+01
TG	9	L11018-02	6/19/2006	Ce-144	8.50E+01	6.20E+01	2.10E+02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	9	L11018-02	6/19/2006	Co-57	-7.00E+00	1.30E+01	4.60E+01
TG	9	L11018-02	6/19/2006	Co-58	-1.90E+01	1.60E+01	6.60E+01
TG	9	L11018-02	6/19/2006	Co-60	8.00E+00	1.60E+01	6.00E+01
TG	9	L11018-02	6/19/2006	Cr-51	-2.20E+02	1.90E+02	6.90E+02
TG	9	L11018-02	6/19/2006	Cs-134	1.30E+01	1.50E+01	5.20E+01
TG	9	L11018-02	6/19/2006	Cs-137	5.00E+00	1.40E+01	5.20E+01
TG	9	L11018-02	6/19/2006	Fe-59	2.20E+01	3.60E+01	1.30E+02
TG	9	L11018-02	6/19/2006	I-131	-3.34E+00	6.70E-01	3.40E+01
TG	9	L11018-02	6/19/2006	I-131	4.00E+01	9.10E+01	3.20E+02
TG	9	L11018-02	6/19/2006	K-40	2.26E+03	3.40E+02	7.60E+02 *
TG	9	L11018-02	6/19/2006	La-140	-2.90E+01	6.10E+01	2.50E+02
TG	9	L11018-02	6/19/2006	Mn-54	5.00E+00	1.70E+01	6.20E+01
TG	9	L11018-02	6/19/2006	Nb-95	1.40E+01	1.90E+01	6.80E+01
TG	9	L11018-02	6/19/2006	Ru-103	0.00E+00	1.50E+01	5.80E+01
TG	9	L11018-02	6/19/2006	Ru-106	-3.00E+01	1.40E+02	5.20E+02
TG	9	L11018-02	6/19/2006	Sb-124	2.20E+01	3.10E+01	1.20E+02
TG	9	L11018-02	6/19/2006	Sb-125	-4.00E+00	3.00E+01	1.10E+02
TG	9	L11018-02	6/19/2006	Se-75	0.00E+00	1.80E+01	6.30E+01
TG	9	L11018-02	6/19/2006	Zn-65	-6.00E+00	3.10E+01	1.20E+02
TG	9	L11018-02	6/19/2006	Zr-95	-1.40E+01	2.30E+01	9.40E+01
TG	9	L11168-02	7/18/2006	AcTh-228	6.00E+01	6.30E+01	2.20E+02
TG	9	L11168-02	7/18/2006	Ag-108m	1.90E+01	1.20E+01	4.10E+01
TG	9	L11168-02	7/18/2006	Ag-110m	-1.10E+01	2.20E+01	8.40E+01
TG	9	L11168-02	7/18/2006	Ba-140	2.50E+01	4.60E+01	1.70E+02
TG	9	L11168-02	7/18/2006	Be-7	1.50E+03	2.40E+02	6.10E+02 *
TG	9	L11168-02	7/18/2006	Ce-141	1.10E+01	2.60E+01	9.00E+01
TG	9	L11168-02	7/18/2006	Ce-144	-1.40E+01	6.40E+01	2.30E+02
TG	9	L11168-02	7/18/2006	Co-57	-4.50E+00	8.20E+00	3.00E+01
TG	9	L11168-02	7/18/2006	Co-58	9.00E+00	1.70E+01	6.10E+01
TG	9	L11168-02	7/18/2006	Co-60	1.50E+01	1.70E+01	5.90E+01
TG	9	L11168-02	7/18/2006	Cr-51	-1.20E+02	1.80E+02	6.80E+02
TG	9	L11168-02	7/18/2006	Cs-134	-5.00E+00	1.50E+01	5.90E+01
TG	9	L11168-02	7/18/2006	Cs-137	2.50E+01	1.60E+01	5.20E+01
TG	9	L11168-02	7/18/2006	Fe-59	-5.00E+00	4.00E+01	1.50E+02
TG	9	L11168-02	7/18/2006	I-131	-7.80E+01	8.80E+01	3.40E+02
TG	9	L11168-02	7/18/2006	I-131	-4.45E+00	7.60E-01	4.30E+01
TG	9	L11168-02	7/18/2006	K-40	4.18E+03	4.20E+02	7.30E+02 *
TG	9	L11168-02	7/18/2006	La-140	2.80E+01	5.30E+01	2.00E+02
TG	9	L11168-02	7/18/2006	Mn-54	-7.00E+00	1.40E+01	5.40E+01
TG	9	L11168-02	7/18/2006	Nb-95	-7.00E+00	1.90E+01	7.30E+01
TG	9	L11168-02	7/18/2006	Ru-103	1.80E+01	2.00E+01	6.90E+01
TG	9	L11168-02	7/18/2006	Ru-106	1.70E+02	1.30E+02	4.20E+02
TG	9	L11168-02	7/18/2006	Sb-124	-2.10E+01	3.00E+01	1.40E+02
TG	9	L11168-02	7/18/2006	Sb-125	-2.40E+01	3.60E+01	1.40E+02
TG	9	L11168-02	7/18/2006	Se-75	2.80E+01	1.80E+01	5.80E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	9	L11168-02	7/18/2006	Zn-65	-7.00E+00	3.80E+01	1.40E+02
TG	9	L11168-02	7/18/2006	Zr-95	1.50E+01	3.00E+01	1.10E+02
TG	9	L11308-02	8/22/2006	AcTh-228	1.20E+02	5.70E+01	1.80E+02
TG	9	L11308-02	8/22/2006	Ag-108m	-6.00E+00	9.20E+00	3.50E+01
TG	9	L11308-02	8/22/2006	Ag-110m	-3.70E+01	1.50E+01	6.90E+01
TG	9	L11308-02	8/22/2006	Ba-140	-8.00E+00	2.30E+01	1.00E+02
TG	9	L11308-02	8/22/2006	Be-7	2.55E+03	2.10E+02	3.70E+02 *
TG	9	L11308-02	8/22/2006	Ce-141	-4.00E+00	1.50E+01	5.20E+01
TG	9	L11308-02	8/22/2006	Ce-144	1.10E+01	4.20E+01	1.50E+02
TG	9	L11308-02	8/22/2006	Co-57	-2.10E+00	5.30E+00	1.90E+01
TG	9	L11308-02	8/22/2006	Co-58	-1.70E+01	1.60E+01	6.20E+01
TG	9	L11308-02	8/22/2006	Co-60	-8.00E+00	1.70E+01	6.50E+01
TG	9	L11308-02	8/22/2006	Cr-51	-3.00E+01	1.00E+02	3.80E+02
TG	9	L11308-02	8/22/2006	Cs-134	6.00E+00	1.40E+01	4.90E+01
TG	9	L11308-02	8/22/2006	Cs-137	9.00E+00	1.10E+01	4.00E+01
TG	9	L11308-02	8/22/2006	Fe-59	0.00E+00	3.30E+01	1.20E+02
TG	9	L11308-02	8/22/2006	I-131	1.10E+01	1.30E+01	5.30E+01
TG	9	L11308-02	8/22/2006	I-131	-3.10E+01	3.00E+01	1.20E+02
TG	9	L11308-02	8/22/2006	K-40	3.06E+03	3.60E+02	6.50E+02 *
TG	9	L11308-02	8/22/2006	La-140	-9.00E+00	2.70E+01	1.20E+02
TG	9	L11308-02	8/22/2006	Mn-54	-1.10E+01	1.10E+01	4.50E+01
TG	9	L11308-02	8/22/2006	Nb-95	-8.00E+00	1.50E+01	5.70E+01
TG	9	L11308-02	8/22/2006	Ru-103	-7.00E+00	1.30E+01	4.90E+01
TG	9	L11308-02	8/22/2006	Ru-106	-4.70E+01	8.20E+01	3.30E+02
TG	9	L11308-02	8/22/2006	Sb-124	-3.80E+01	3.60E+01	1.60E+02
TG	9	L11308-02	8/22/2006	Sb-125	0.00E+00	3.10E+01	1.10E+02
TG	9	L11308-02	8/22/2006	Se-75	1.10E+01	1.10E+01	3.70E+01
TG	9	L11308-02	8/22/2006	Zn-65	-3.20E+01	3.00E+01	1.20E+02
TG	9	L11308-02	8/22/2006	Zr-95	8.00E+00	2.10E+01	7.80E+01
TG	9	L11473-02	9/26/2006	AcTh-228	8.50E+01	3.70E+01	1.20E+02
TG	9	L11473-02	9/26/2006	Ag-108m	-6.30E+00	7.40E+00	2.70E+01
TG	9	L11473-02	9/26/2006	Ag-110m	6.00E+00	1.30E+01	4.40E+01
TG	9	L11473-02	9/26/2006	Ba-140	-9.50E+01	4.00E+01	1.70E+02
TG	9	L11473-02	9/26/2006	Be-7	1.31E+03	1.40E+02	3.30E+02 *
TG	9	L11473-02	9/26/2006	Ce-141	-1.10E+01	1.50E+01	5.30E+01
TG	9	L11473-02	9/26/2006	Ce-144	3.00E+00	3.80E+01	1.30E+02
TG	9	L11473-02	9/26/2006	Co-57	3.30E+00	4.80E+00	1.60E+01
TG	9	L11473-02	9/26/2006	Co-58	1.00E+00	1.20E+01	4.20E+01
TG	9	L11473-02	9/26/2006	Co-60	-1.00E+01	1.20E+01	4.40E+01
TG	9	L11473-02	9/26/2006	Cr-51	-5.00E+01	1.10E+02	3.80E+02
TG	9	L11473-02	9/26/2006	Cs-134	1.06E+01	9.50E+00	3.20E+01
TG	9	L11473-02	9/26/2006	Cs-137	3.90E+01	1.40E+01	4.30E+01
TG	9	L11473-02	9/26/2006	Fe-59	-3.00E+01	2.90E+01	1.10E+02
TG	9	L11473-02	9/26/2006	I-131	7.10E+01	7.10E+01	2.40E+02
TG	9	L11473-02	9/26/2006	I-131	9.00E-01	8.90E+00	5.10E+01
TG	9	L11473-02	9/26/2006	K-40	4.07E+03	2.70E+02	4.70E+02 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	9	L11473-02	9/26/2006	La-140	-1.09E+02	4.60E+01	2.00E+02
TG	9	L11473-02	9/26/2006	Mn-54	1.67E+01	9.50E+00	3.10E+01
TG	9	L11473-02	9/26/2006	Nb-95	-4.00E+00	1.60E+01	5.60E+01
TG	9	L11473-02	9/26/2006	Ru-103	4.00E+00	1.20E+01	4.10E+01
TG	9	L11473-02	9/26/2006	Ru-106	4.90E+01	8.30E+01	2.80E+02
TG	9	L11473-02	9/26/2006	Sb-124	5.00E+00	2.70E+01	1.00E+02
TG	9	L11473-02	9/26/2006	Sb-125	-2.70E+01	2.30E+01	8.50E+01
TG	9	L11473-02	9/26/2006	Se-75	8.10E+00	9.30E+00	3.10E+01
TG	9	L11473-02	9/26/2006	Zn-65	-3.10E+01	2.20E+01	8.50E+01
TG	9	L11473-02	9/26/2006	Zr-95	-1.00E+01	2.20E+01	8.00E+01
TG	9	L11611-02	10/27/2006	AcTh-228	9.20E+01	3.60E+01	1.10E+02
TG	9	L11611-02	10/27/2006	Ag-108m	-1.80E+01	7.30E+00	2.80E+01
TG	9	L11611-02	10/27/2006	Ag-110m	-1.90E+01	1.20E+01	4.90E+01
TG	9	L11611-02	10/27/2006	Ba-140	4.00E+00	1.70E+01	6.60E+01
TG	9	L11611-02	10/27/2006	Be-7	4.16E+03	2.10E+02	3.80E+02 *
TG	9	L11611-02	10/27/2006	Ce-141	3.00E+00	1.50E+01	5.00E+01
TG	9	L11611-02	10/27/2006	Ce-144	-3.90E+01	4.10E+01	1.50E+02
TG	9	L11611-02	10/27/2006	Co-57	8.00E+00	5.20E+00	1.70E+01
TG	9	L11611-02	10/27/2006	Co-58	5.00E+00	1.00E+01	3.70E+01
TG	9	L11611-02	10/27/2006	Co-60	1.47E+01	7.30E+00	2.20E+01
TG	9	L11611-02	10/27/2006	Cr-51	5.50E+01	9.80E+01	3.40E+02
TG	9	L11611-02	10/27/2006	Cs-134	4.70E+00	9.80E+00	3.40E+01
TG	9	L11611-02	10/27/2006	Cs-137	-3.00E+00	8.80E+00	3.20E+01
TG	9	L11611-02	10/27/2006	Fe-59	-3.00E+01	2.50E+01	9.60E+01
TG	9	L11611-02	10/27/2006	I-131	-3.00E+00	3.70E+01	1.30E+02
TG	9	L11611-02	10/27/2006	I-131	1.90E+01	1.40E+01	4.50E+01
TG	9	L11611-02	10/27/2006	K-40	3.03E+03	2.50E+02	4.80E+02 *
TG	9	L11611-02	10/27/2006	La-140	5.00E+00	2.00E+01	7.60E+01
TG	9	L11611-02	10/27/2006	Mn-54	9.70E+00	9.00E+00	3.00E+01
TG	9	L11611-02	10/27/2006	Nb-95	1.00E+01	1.30E+01	4.40E+01
TG	9	L11611-02	10/27/2006	Ru-103	-2.00E+00	1.20E+01	4.10E+01
TG	9	L11611-02	10/27/2006	Ru-106	-1.04E+02	9.10E+01	3.40E+02
TG	9	L11611-02	10/27/2006	Sb-124	-2.70E+01	2.00E+01	8.80E+01
TG	9	L11611-02	10/27/2006	Sb-125	1.50E+01	2.30E+01	7.90E+01
TG	9	L11611-02	10/27/2006	Se-75	0.00E+00	1.10E+01	3.80E+01
TG	9	L11611-02	10/27/2006	Zn-65	-3.30E+01	2.20E+01	8.60E+01
TG	9	L11611-02	10/27/2006	Zr-95	2.70E+01	1.90E+01	6.10E+01
TG	10	L10948-03	5/30/2006	AcTh-228	4.60E+01	4.70E+01	1.60E+02
TG	10	L10948-03	5/30/2006	Ag-108m	0.00E+00	7.30E+00	2.70E+01
TG	10	L10948-03	5/30/2006	Ag-110m	-1.80E+01	1.30E+01	5.50E+01
TG	10	L10948-03	5/30/2006	Ba-140	1.10E+01	2.10E+01	8.00E+01
TG	10	L10948-03	5/30/2006	Be-7	6.20E+02	1.20E+02	3.20E+02 *
TG	10	L10948-03	5/30/2006	Ce-141	-5.00E+00	1.20E+01	4.20E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	10	L10948-03	5/30/2006	Ce-144	6.00E+00	3.20E+01	1.10E+02
TG	10	L10948-03	5/30/2006	Co-57	-4.60E+00	4.20E+00	1.60E+01
TG	10	L10948-03	5/30/2006	Co-58	-3.50E+00	9.50E+00	3.70E+01
TG	10	L10948-03	5/30/2006	Co-60	1.40E+01	1.20E+01	4.10E+01
TG	10	L10948-03	5/30/2006	Cr-51	-1.27E+02	8.80E+01	3.40E+02
TG	10	L10948-03	5/30/2006	Cs-134	0.00E+00	9.70E+00	3.70E+01
TG	10	L10948-03	5/30/2006	Cs-137	3.30E+01	1.30E+01	4.00E+01
TG	10	L10948-03	5/30/2006	Fe-59	-5.00E+00	2.10E+01	8.50E+01
TG	10	L10948-03	5/30/2006	I-131	-2.40E+01	2.60E+01	9.90E+01
TG	10	L10948-03	5/30/2006	I-131	-8.90E+00	1.40E+00	5.00E+01
TG	10	L10948-03	5/30/2006	K-40	2.63E+03	3.00E+02	5.70E+02 *
TG	10	L10948-03	5/30/2006	La-140	1.30E+01	2.40E+01	9.20E+01
TG	10	L10948-03	5/30/2006	Mn-54	2.40E+00	7.60E+00	2.90E+01
TG	10	L10948-03	5/30/2006	Nb-95	-1.00E+00	1.10E+01	4.20E+01
TG	10	L10948-03	5/30/2006	Ru-103	-4.40E+00	8.70E+00	3.40E+01
TG	10	L10948-03	5/30/2006	Ru-106	-1.80E+01	9.30E+01	3.50E+02
TG	10	L10948-03	5/30/2006	Sb-124	1.50E+01	2.40E+01	9.20E+01
TG	10	L10948-03	5/30/2006	Sb-125	-6.00E+00	2.00E+01	7.60E+01
TG	10	L10948-03	5/30/2006	Se-75	1.10E+00	8.50E+00	3.10E+01
TG	10	L10948-03	5/30/2006	Zn-65	0.00E+00	2.00E+01	7.80E+01
TG	10	L10948-03	5/30/2006	Zr-95	0.00E+00	1.70E+01	6.40E+01
TG	10	L11018-03	6/19/2006	AcTh-228	4.10E+01	4.50E+01	1.60E+02
TG	10	L11018-03	6/19/2006	Ag-108m	-1.21E+01	9.80E+00	3.80E+01
TG	10	L11018-03	6/19/2006	Ag-110m	5.00E+00	1.60E+01	5.90E+01
TG	10	L11018-03	6/19/2006	Ba-140	2.60E+01	2.50E+01	9.00E+01
TG	10	L11018-03	6/19/2006	Be-7	8.60E+02	1.60E+02	4.20E+02 *
TG	10	L11018-03	6/19/2006	Ce-141	1.80E+01	2.00E+01	6.70E+01
TG	10	L11018-03	6/19/2006	Ce-144	2.90E+01	5.10E+01	1.80E+02
TG	10	L11018-03	6/19/2006	Co-57	-4.80E+00	6.50E+00	2.40E+01
TG	10	L11018-03	6/19/2006	Co-58	4.00E+00	1.30E+01	4.70E+01
TG	10	L11018-03	6/19/2006	Co-60	-3.00E+00	1.20E+01	4.80E+01
TG	10	L11018-03	6/19/2006	Cr-51	-1.80E+02	1.40E+02	5.40E+02
TG	10	L11018-03	6/19/2006	Cs-134	-2.80E+01	1.20E+01	5.20E+01
TG	10	L11018-03	6/19/2006	Cs-137	1.00E+01	1.40E+01	4.70E+01
TG	10	L11018-03	6/19/2006	Fe-59	5.40E+01	2.90E+01	9.30E+01
TG	10	L11018-03	6/19/2006	I-131	1.00E+01	7.80E+01	2.80E+02
TG	10	L11018-03	6/19/2006	I-131	-5.86E+00	9.50E-01	4.40E+01
TG	10	L11018-03	6/19/2006	K-40	3.60E+03	3.40E+02	6.20E+02 *
TG	10	L11018-03	6/19/2006	La-140	3.00E+01	2.90E+01	1.00E+02
TG	10	L11018-03	6/19/2006	Mn-54	-9.00E+00	1.20E+01	4.60E+01
TG	10	L11018-03	6/19/2006	Nb-95	1.30E+01	1.60E+01	5.60E+01
TG	10	L11018-03	6/19/2006	Ru-103	-1.60E+01	1.30E+01	5.20E+01
TG	10	L11018-03	6/19/2006	Ru-106	1.00E+01	1.10E+02	3.90E+02
TG	10	L11018-03	6/19/2006	Sb-124	2.00E+01	3.00E+01	1.10E+02
TG	10	L11018-03	6/19/2006	Sb-125	1.40E+01	3.20E+01	1.10E+02
TG	10	L11018-03	6/19/2006	Se-75	2.60E+01	1.20E+01	3.90E+01
TG	10	L11018-03	6/19/2006	Zn-65	7.00E+00	2.40E+01	8.90E+01
TG	10	L11018-03	6/19/2006	Zr-95	3.70E+01	2.30E+01	7.70E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	10	L11168-03	7/18/2006	AcTh-228	2.90E+01	2.80E+01	9.50E+01
TG	10	L11168-03	7/18/2006	Ag-108m	1.50E+00	5.20E+00	1.80E+01
TG	10	L11168-03	7/18/2006	Ag-110m	6.80E+00	9.30E+00	3.20E+01
TG	10	L11168-03	7/18/2006	Ba-140	3.00E+00	2.60E+01	9.30E+01
TG	10	L11168-03	7/18/2006	Be-7	1.39E+03	1.10E+02	2.90E+02 *
TG	10	L11168-03	7/18/2006	Ce-141	7.00E+00	1.10E+01	3.70E+01
TG	10	L11168-03	7/18/2006	Ce-144	1.70E+01	2.90E+01	9.90E+01
TG	10	L11168-03	7/18/2006	Co-57	7.00E-01	3.80E+00	1.30E+01
TG	10	L11168-03	7/18/2006	Co-58	-4.50E+00	8.20E+00	2.90E+01
TG	10	L11168-03	7/18/2006	Co-60	2.00E-01	7.60E+00	2.60E+01
TG	10	L11168-03	7/18/2006	Cr-51	7.60E+01	8.70E+01	2.90E+02
TG	10	L11168-03	7/18/2006	Cs-134	-3.10E+00	6.90E+00	2.40E+01
TG	10	L11168-03	7/18/2006	Cs-137	1.19E+01	6.40E+00	2.10E+01
TG	10	L11168-03	7/18/2006	Fe-59	-1.60E+01	1.80E+01	6.60E+01
TG	10	L11168-03	7/18/2006	I-131	-1.50E+01	5.90E+01	2.00E+02
TG	10	L11168-03	7/18/2006	I-131	-4.61E+00	7.90E-01	4.50E+01
TG	10	L11168-03	7/18/2006	K-40	2.81E+03	1.70E+02	3.40E+02 *
TG	10	L11168-03	7/18/2006	La-140	3.00E+00	3.00E+01	1.10E+02
TG	10	L11168-03	7/18/2006	Mn-54	1.12E+01	7.00E+00	2.30E+01
TG	10	L11168-03	7/18/2006	Nb-95	3.60E+01	1.80E+01	5.90E+01
TG	10	L11168-03	7/18/2006	Ru-103	-8.90E+00	9.40E+00	3.30E+01
TG	10	L11168-03	7/18/2006	Ru-106	-2.20E+01	5.90E+01	2.10E+02
TG	10	L11168-03	7/18/2006	Sb-124	4.00E+00	1.70E+01	6.00E+01
TG	10	L11168-03	7/18/2006	Sb-125	5.00E+00	1.60E+01	5.40E+01
TG	10	L11168-03	7/18/2006	Se-75	-5.00E+00	8.20E+00	2.80E+01
TG	10	L11168-03	7/18/2006	Zn-65	4.00E+01	3.20E+01	1.10E+02
TG	10	L11168-03	7/18/2006	Zr-95	1.40E+01	1.50E+01	5.00E+01
TG	10	L11308-03	8/22/2006	AcTh-228	6.20E+01	6.00E+01	2.10E+02
TG	10	L11308-03	8/22/2006	Ag-108m	-1.10E+01	1.00E+01	3.90E+01
TG	10	L11308-03	8/22/2006	Ag-110m	-1.50E+01	1.70E+01	6.90E+01
TG	10	L11308-03	8/22/2006	Ba-140	8.00E+00	4.20E+01	1.60E+02
TG	10	L11308-03	8/22/2006	Be-7	9.30E+02	1.90E+02	5.20E+02 *
TG	10	L11308-03	8/22/2006	Ce-141	-2.00E+00	1.60E+01	5.80E+01
TG	10	L11308-03	8/22/2006	Ce-144	-2.40E+01	5.20E+01	1.90E+02
TG	10	L11308-03	8/22/2006	Co-57	1.10E+01	6.70E+00	2.20E+01
TG	10	L11168-03	7/18/2006	Mn-54	1.12E+01	7.00E+00	2.30E+01
TG	10	L11168-03	7/18/2006	Nb-95	3.60E+01	1.80E+01	5.90E+01
TG	10	L11168-03	7/18/2006	Ru-103	-8.90E+00	9.40E+00	3.30E+01
TG	10	L11168-03	7/18/2006	Ru-106	-2.20E+01	5.90E+01	2.10E+02
TG	10	L11168-03	7/18/2006	Sb-124	4.00E+00	1.70E+01	6.00E+01
TG	10	L11168-03	7/18/2006	Sb-125	5.00E+00	1.60E+01	5.40E+01
TG	10	L11168-03	7/18/2006	Se-75	-5.00E+00	8.20E+00	2.80E+01
TG	10	L11168-03	7/18/2006	Zn-65	4.00E+01	3.20E+01	1.10E+02
TG	10	L11168-03	7/18/2006	Zr-95	1.40E+01	1.50E+01	5.00E+01
TG	10	L11308-03	8/22/2006	AcTh-228	6.20E+01	6.00E+01	2.10E+02
TG	10	L11308-03	8/22/2006	Ag-108m	-1.10E+01	1.00E+01	3.90E+01
TG	10	L11308-03	8/22/2006	Ag-110m	-1.50E+01	1.70E+01	6.90E+01
TG	10	L11308-03	8/22/2006	Ba-140	8.00E+00	4.20E+01	1.60E+02
TG	10	L11308-03	8/22/2006	Be-7	9.30E+02	1.90E+02	5.20E+02 *

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	10	L11308-03	8/22/2006	Ce-141	-2.00E+00	1.60E+01	5.80E+01
TG	10	L11308-03	8/22/2006	Ce-144	-2.40E+01	5.20E+01	1.90E+02
TG	10	L11308-03	8/22/2006	Co-57	1.10E+01	6.70E+00	2.20E+01
TG	10	L11308-03	8/22/2006	Co-58	-4.00E+00	1.20E+01	4.80E+01
TG	10	L11308-03	8/22/2006	Co-60	2.00E+01	1.40E+01	4.80E+01
TG	10	L11308-03	8/22/2006	Cr-51	-1.70E+02	1.20E+02	4.70E+02
TG	10	L11308-03	8/22/2006	Cs-134	2.30E+01	1.20E+01	3.70E+01
TG	10	L11308-03	8/22/2006	Cs-137	2.30E+01	1.50E+01	4.90E+01
TG	10	L11308-03	8/22/2006	Fe-59	-2.40E+01	2.80E+01	1.20E+02
TG	10	L11308-03	8/22/2006	I-131	-7.40E+01	4.10E+01	1.60E+02
TG	10	L11308-03	8/22/2006	I-131	-1.30E+00	9.40E+00	5.80E+01
TG	10	L11308-03	8/22/2006	K-40	4.21E+03	4.10E+02	6.80E+02 *
TG	10	L11308-03	8/22/2006	La-140	9.00E+00	4.80E+01	1.80E+02
TG	10	L11308-03	8/22/2006	Mn-54	4.00E+00	1.40E+01	5.00E+01
TG	10	L11308-03	8/22/2006	Nb-95	5.00E+00	1.80E+01	6.60E+01
TG	10	L11308-03	8/22/2006	Ru-103	-3.00E+00	1.40E+01	5.30E+01
TG	10	L11308-03	8/22/2006	Ru-106	-1.90E+02	1.30E+02	5.00E+02
TG	10	L11308-03	8/22/2006	Sb-124	-1.00E+01	4.20E+01	1.70E+02
TG	10	L11308-03	8/22/2006	Sb-125	-4.20E+01	2.80E+01	1.10E+02
TG	10	L11308-03	8/22/2006	Se-75	3.00E+00	1.20E+01	4.40E+01
TG	10	L11308-03	8/22/2006	Zn-65	1.10E+01	3.10E+01	1.10E+02
TG	10	L11308-03	8/22/2006	Zr-95	-5.00E+00	2.70E+01	1.00E+02
TG	10	L11473-03	9/26/2006	AcTh-228	1.40E+01	2.80E+01	9.90E+01
TG	10	L11473-03	9/26/2006	Ag-108m	1.00E+01	7.40E+00	2.50E+01
TG	10	L11473-03	9/26/2006	Ag-110m	-1.40E+01	1.20E+01	4.50E+01
TG	10	L11473-03	9/26/2006	Ba-140	2.60E+01	4.00E+01	1.40E+02
TG	10	L11473-03	9/26/2006	Be-7	1.06E+03	1.40E+02	4.00E+02 *
TG	10	L11473-03	9/26/2006	Ce-141	1.90E+01	1.60E+01	5.40E+01
TG	10	L11473-03	9/26/2006	Ce-144	2.80E+01	4.20E+01	1.40E+02
TG	10	L11473-03	9/26/2006	Co-57	-2.50E+00	5.10E+00	1.80E+01
TG	10	L11473-03	9/26/2006	Co-58	-1.10E+01	1.10E+01	3.90E+01
TG	10	L11473-03	9/26/2006	Co-60	-3.10E+00	9.50E+00	3.50E+01
TG	10	L11473-03	9/26/2006	Cr-51	-6.00E+01	1.30E+02	4.50E+02
TG	10	L11473-03	9/26/2006	Cs-134	9.00E+00	9.10E+00	3.10E+01
TG	10	L11473-03	9/26/2006	Cs-137	-7.00E+00	1.00E+01	3.60E+01
TG	10	L11473-03	9/26/2006	Fe-59	-9.00E+00	2.70E+01	9.50E+01
TG	10	L11473-03	9/26/2006	I-131	1.00E+01	1.30E+01	5.50E+01
TG	10	L11473-03	9/26/2006	I-131	-9.70E+01	9.10E+01	3.20E+02
TG	10	L11473-03	9/26/2006	K-40	3.83E+03	2.40E+02	4.60E+02 *
TG	10	L11473-03	9/26/2006	La-140	3.00E+01	4.60E+01	1.60E+02
TG	10	L11473-03	9/26/2006	Mn-54	-5.30E+00	9.00E+00	3.20E+01
TG	10	L11473-03	9/26/2006	Nb-95	-1.00E+00	1.30E+01	4.60E+01
TG	10	L11473-03	9/26/2006	Ru-103	-1.00E+00	1.20E+01	4.30E+01
TG	10	L11473-03	9/26/2006	Ru-106	6.00E+01	8.70E+01	3.00E+02
TG	10	L11473-03	9/26/2006	Sb-124	-8.00E+00	2.50E+01	9.20E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TG	10	L11473-03	9/26/2006	Sb-125	2.20E+01	2.40E+01	8.10E+01
TG	10	L11473-03	9/26/2006	Se-75	-2.10E+01	1.00E+01	3.70E+01
TG	10	L11473-03	9/26/2006	Zn-65	-1.20E+01	2.20E+01	8.00E+01
TG	10	L11473-03	9/26/2006	Zr-95	-8.00E+00	1.90E+01	6.90E+01
TG	10	L11611-0310/27/2006		AcTh-228	-5.70E+01	4.60E+01	1.80E+02
TG	10	L11611-0310/27/2006		Ag-108m	-2.10E+00	9.40E+00	3.40E+01
TG	10	L11611-0310/27/2006		Ag-110m	1.00E+01	1.60E+01	5.60E+01
TG	10	L11611-0310/27/2006		Ba-140	-9.00E+00	3.10E+01	1.20E+02
TG	10	L11611-0310/27/2006		Be-7	1.69E+03	1.70E+02	4.00E+02 *
TG	10	L11611-0310/27/2006		Ce-141	-1.00E+00	1.70E+01	5.80E+01
TG	10	L11611-0310/27/2006		Ce-144	-2.40E+01	5.40E+01	1.90E+02
TG	10	L11611-0310/27/2006		Co-57	-4.30E+00	6.60E+00	2.30E+01
TG	10	L11611-0310/27/2006		Co-58	-3.00E+00	1.20E+01	4.30E+01
TG	10	L11611-0310/27/2006		Co-60	9.00E+00	1.00E+01	3.70E+01
TG	10	L11611-0310/27/2006		Cr-51	-1.00E+02	1.30E+02	4.60E+02
TG	10	L11611-0310/27/2006		Cs-134	4.00E+00	1.20E+01	4.40E+01
TG	10	L11611-0310/27/2006		Cs-137	-1.40E+01	1.30E+01	4.70E+01
TG	10	L11611-0310/27/2006		Fe-59	3.50E+01	2.80E+01	9.30E+01
TG	10	L11611-0310/27/2006		I-131	1.30E+01	1.40E+01	5.00E+01
TG	10	L11611-0310/27/2006		I-131	-5.90E+01	5.00E+01	1.80E+02
TG	10	L11611-0310/27/2006		K-40	-3.04E+03	2.70E+02	4.60E+02 *
TG	10	L11611-0310/27/2006		La-140	-1.00E+01	3.60E+01	1.40E+02
TG	10	L11611-0310/27/2006		Mn-54	5.00E+00	1.20E+01	4.10E+01
TG	10	L11611-0310/27/2006		Nb-95	-2.50E+01	1.50E+01	5.90E+01
TG	10	L11611-0310/27/2006		Ru-103	1.00E+00	1.30E+01	4.50E+01
TG	10	L11611-0310/27/2006		Ru-106	9.00E+01	1.10E+02	3.80E+02
TG	10	L11611-0310/27/2006		Sb-124	3.50E+01	2.60E+01	8.80E+01
TG	10	L11611-0310/27/2006		Sb-125	-4.50E+01	2.90E+01	1.10E+02
TG	10	L11611-0310/27/2006		Se-75	1.10E+01	1.30E+01	4.30E+01
TG	10	L11611-0310/27/2006		Zn-65	6.30E+01	3.60E+01	1.10E+02
TG	10	L11611-0310/27/2006		Zr-95	-3.60E+01	2.30E+01	8.80E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	1	L10614-01	3/15/2006	AcTh-228	-2.50E+00	5.30E+00	1.90E+01
WG	1	L10614-01	3/15/2006	Ag-108m	1.70E+00	1.20E+00	3.80E+00
WG	1	L10614-01	3/15/2006	Ag-110m	-1.30E+00	1.70E+00	6.40E+00
WG	1	L10614-01	3/15/2006	Ba-140	-1.50E+00	2.20E+00	8.30E+00
WG	1	L10614-01	3/15/2006	Be-7	1.70E+01	1.10E+01	3.60E+01
WG	1	L10614-01	3/15/2006	Ce-141	-6.80E+00	3.30E+00	1.20E+01
WG	1	L10614-01	3/15/2006	Ce-144	-4.90E+00	7.80E+00	2.70E+01
WG	1	L10614-01	3/15/2006	Co-57	-4.70E-01	9.70E-01	3.40E+00
WG	1	L10614-01	3/15/2006	Co-58	-3.00E-01	1.40E+00	5.20E+00
WG	1	L10614-01	3/15/2006	Co-60	1.80E+00	1.50E+00	5.00E+00
WG	1	L10614-01	3/15/2006	Cr-51	2.00E+00	1.30E+01	4.60E+01
WG	1	L10614-01	3/15/2006	Cs-134	1.30E+00	1.40E+00	4.80E+00
WG	1	L10614-01	3/15/2006	Cs-137	-4.00E-01	1.30E+00	4.80E+00
WG	1	L10614-01	3/15/2006	Fe-59	3.00E-01	2.90E+00	1.00E+01
WG	1	L10614-01	3/15/2006	GROSS BETA	7.60E+00	1.30E+00	3.40E+00 *
WG	1	L10614-01	3/15/2006	H-3	-5.60E+02	4.30E+02	1.40E+03
WG	1	L10614-01	3/15/2006	I-131	4.10E+00	2.80E+00	9.10E+00
WG	1	L10614-01	3/15/2006	K-40	1.10E+01	2.00E+01	7.10E+01
WG	1	L10614-01	3/15/2006	La-140	-1.80E+00	2.50E+00	9.50E+00
WG	1	L10614-01	3/15/2006	Mn-54	3.00E-01	1.40E+00	4.90E+00
WG	1	L10614-01	3/15/2006	Nb-95	-2.40E+00	1.70E+00	6.40E+00
WG	1	L10614-01	3/15/2006	Ru-103	-2.00E-01	1.50E+00	5.40E+00
WG	1	L10614-01	3/15/2006	Ru-106	-9.00E+00	1.30E+01	4.70E+01
WG	1	L10614-01	3/15/2006	Sb-124	-3.00E+00	3.30E+00	1.30E+01
WG	1	L10614-01	3/15/2006	Sb-125	-3.80E+00	3.50E+00	1.30E+01
WG	1	L10614-01	3/15/2006	Se-75	-3.00E-01	1.60E+00	5.70E+00
WG	1	L10614-01	3/15/2006	Zn-65	1.11E+01	6.10E+00	2.00E+01
WG	1	L10614-01	3/15/2006	Zr-95	3.10E+00	2.50E+00	8.50E+00
WG	1	L10983-01	6/7/2006	AcTh-228	2.00E-01	5.70E+00	2.00E+01
WG	1	L10983-01	6/7/2006	Ag-108m	1.00E+00	1.20E+00	4.00E+00
WG	1	L10983-01	6/7/2006	Ag-110m	0.00E+00	1.80E+00	6.60E+00
WG	1	L10983-01	6/7/2006	Ba-140	-5.00E+00	2.50E+00	1.00E+01
WG	1	L10983-01	6/7/2006	Be-7	3.10E+01	1.20E+01	3.80E+01
WG	1	L10983-01	6/7/2006	Ce-141	-7.00E-01	1.80E+00	6.10E+00
WG	1	L10983-01	6/7/2006	Ce-144	-3.50E+00	6.10E+00	2.10E+01
WG	1	L10983-01	6/7/2006	Co-57	2.10E-01	8.40E-01	2.90E+00
WG	1	L10983-01	6/7/2006	Co-58	1.00E-01	1.60E+00	5.50E+00
WG	1	L10983-01	6/7/2006	Co-60	-4.00E-01	1.70E+00	6.30E+00
WG	1	L10983-01	6/7/2006	Cr-51	-1.30E+01	1.20E+01	4.20E+01
WG	1	L10983-01	6/7/2006	Cs-134	2.20E+00	1.70E+00	5.80E+00
WG	1	L10983-01	6/7/2006	Cs-137	-4.00E-01	1.40E+00	4.90E+00
WG	1	L10983-01	6/7/2006	Fe-59	0.00E+00	3.10E+00	1.10E+01
WG	1	L10983-01	6/7/2006	GROSS BETA	4.70E+00	1.20E+00	3.40E+00 *
WG	1	L10983-01	6/7/2006	H-3	-5.90E+02	4.10E+02	1.30E+03
WG	1	L10983-01	6/7/2006	I-131	-4.20E+00	2.20E+00	8.10E+00
WG	1	L10983-01	6/7/2006	K-40	-1.80E+01	2.30E+01	8.50E+01
WG	1	L10983-01	6/7/2006	La-140	-5.80E+00	2.90E+00	1.20E+01
WG	1	L10983-01	6/7/2006	Mn-54	2.60E+00	1.50E+00	4.70E+00
WG	1	L10983-01	6/7/2006	Nb-95	-1.90E+00	2.80E+00	9.70E+00
WG	1	L10983-01	6/7/2006	Ru-103	-2.00E+00	1.50E+00	5.50E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	1	L10983-01	6/7/2006	Ru-106	-1.30E+01	1.20E+01	4.40E+01
WG	1	L10983-01	6/7/2006	Sb-124	0.00E+00	3.90E+00	1.50E+01
WG	1	L10983-01	6/7/2006	Sb-125	-1.00E+00	3.70E+00	1.30E+01
WG	1	L10983-01	6/7/2006	Se-75	1.60E+00	1.50E+00	5.10E+00
WG	1	L10983-01	6/7/2006	Zn-65	1.61E+01	7.10E+00	2.30E+01
WG	1	L10983-01	6/7/2006	Zr-95	3.40E+00	2.60E+00	8.80E+00
WG	1	L11397-01	9/13/2006	AcTh-228	2.50E+00	5.90E+00	2.00E+01
WG	1	L11397-01	9/13/2006	Ag-108m	-1.50E+00	1.00E+00	3.90E+00
WG	1	L11397-01	9/13/2006	Ag-110m	4.00E-01	1.80E+00	6.20E+00
WG	1	L11397-01	9/13/2006	Ba-140	-1.20E+00	2.30E+00	8.50E+00
WG	1	L11397-01	9/13/2006	Be-7	1.90E+01	1.10E+01	3.70E+01
WG	1	L11397-01	9/13/2006	Ce-141	-5.00E-01	2.00E+00	7.00E+00
WG	1	L11397-01	9/13/2006	Ce-144	-1.04E+01	8.10E+00	2.90E+01
WG	1	L11397-01	9/13/2006	Co-57	1.19E+00	9.90E-01	3.30E+00
WG	1	L11397-01	9/13/2006	Co-58	1.20E+00	1.40E+00	4.60E+00
WG	1	L11397-01	9/13/2006	Co-60	2.10E+00	1.50E+00	5.00E+00
WG	1	L11397-01	9/13/2006	Cr-51	1.20E+01	1.30E+01	4.40E+01
WG	1	L11397-01	9/13/2006	Cs-134	1.50E+00	1.50E+00	5.10E+00
WG	1	L11397-01	9/13/2006	Cs-137	-2.40E+00	1.40E+00	5.20E+00
WG	1	L11397-01	9/13/2006	Fe-59	-4.20E+00	3.20E+00	1.20E+01
WG	1	L11397-01	9/13/2006	GROSS BETA	5.60E+00	1.20E+00	3.30E+00 *
WG	1	L11397-01	9/13/2006	H-3	-1.80E+02	4.80E+02	1.50E+03
WG	1	L11397-01	9/13/2006	I-131	-9.00E-01	2.50E+00	8.70E+00
WG	1	L11397-01	9/13/2006	K-40	4.80E+01	1.80E+01	5.60E+01
WG	1	L11397-01	9/13/2006	La-140	-1.40E+00	2.60E+00	9.80E+00
WG	1	L11397-01	9/13/2006	Mn-54	-7.00E-01	1.50E+00	5.20E+00
WG	1	L11397-01	9/13/2006	Nb-95	6.00E-01	1.80E+00	6.10E+00
WG	1	L11397-01	9/13/2006	Ru-103	1.00E-01	1.60E+00	5.60E+00
WG	1	L11397-01	9/13/2006	Ru-106	-3.00E+00	1.40E+01	4.80E+01
WG	1	L11397-01	9/13/2006	Sb-124	2.50E+00	3.10E+00	1.10E+01
WG	1	L11397-01	9/13/2006	Sb-125	4.80E+00	3.30E+00	1.10E+01
WG	1	L11397-01	9/13/2006	Se-75	8.00E-01	1.80E+00	6.10E+00
WG	1	L11397-01	9/13/2006	Zn-65	8.30E+00	6.50E+00	2.20E+01
WG	1	L11397-01	9/13/2006	Zr-95	0.00E+00	2.40E+00	8.60E+00
WG	1	L11785-01	12/6/2006	AcTh-228	1.90E+00	5.60E+00	2.00E+01
WG	1	L11785-01	12/6/2006	Ag-108m	5.00E-01	1.30E+00	4.60E+00
WG	1	L11785-01	12/6/2006	Ag-110m	-7.00E-01	1.90E+00	7.10E+00
WG	1	L11785-01	12/6/2006	Ba-140	4.00E-01	2.90E+00	1.10E+01
WG	1	L11785-01	12/6/2006	Be-7	-1.90E+01	1.20E+01	4.50E+01
WG	1	L11785-01	12/6/2006	Ce-141	3.30E+00	2.00E+00	6.70E+00
WG	1	L11785-01	12/6/2006	Ce-144	-1.10E+00	7.40E+00	2.50E+01
WG	1	L11785-01	12/6/2006	Co-57	1.10E-01	9.80E-01	3.30E+00
WG	1	L11785-01	12/6/2006	Co-58	-2.80E+00	1.80E+00	6.80E+00
WG	1	L11785-01	12/6/2006	Co-60	-1.20E+00	2.00E+00	7.50E+00
WG	1	L11785-01	12/6/2006	Cr-51	7.00E+00	1.20E+01	4.10E+01
WG	1	L11785-01	12/6/2006	Cs-134	-6.00E-01	1.60E+00	5.80E+00
WG	1	L11785-01	12/6/2006	Cs-137	3.10E+00	1.40E+00	4.40E+00
WG	1	L11785-01	12/6/2006	Fe-59	-2.40E+00	3.40E+00	1.30E+01
WG	1	L11785-01	12/6/2006	H-3	4.00E+02	4.40E+02	1.30E+03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	1	L11785-01	12/6/2006	I-131	2.30E+00	2.50E+00	8.40E+00
WG	1	L11785-01	12/6/2006	K-40	5.60E+01	2.60E+01	8.40E+01
WG	1	L11785-01	12/6/2006	La-140	5.00E-01	3.40E+00	1.20E+01
WG	1	L11785-01	12/6/2006	Mn-54	-2.30E+00	1.60E+00	6.00E+00
WG	1	L11785-01	12/6/2006	Nb-95	-2.00E+00	1.90E+00	7.00E+00
WG	1	L11785-01	12/6/2006	Ru-103	-1.90E+00	1.70E+00	6.00E+00
WG	1	L11785-01	12/6/2006	Ru-106	-1.50E+01	1.30E+01	4.80E+01
WG	1	L11785-01	12/6/2006	Sb-124	-1.30E+00	4.00E+00	1.50E+01
WG	1	L11785-01	12/6/2006	Sb-125	1.80E+00	3.90E+00	1.30E+01
WG	1	L11785-01	12/6/2006	Se-75	1.50E+00	1.60E+00	5.40E+00
WG	1	L11785-01	12/6/2006	Zn-65	1.27E+01	5.70E+00	1.80E+01
WG	1	L11785-01	12/6/2006	Zr-95	2.90E+00	2.80E+00	9.40E+00
WG	13	L10614-02	3/15/2006	AcTh-228	1.06E+01	4.90E+00	1.50E+01
WG	13	L10614-02	3/15/2006	Ag-108m	5.00E-01	1.10E+00	3.70E+00
WG	13	L10614-02	3/15/2006	Ag-110m	-5.00E-01	1.60E+00	6.00E+00
WG	13	L10614-02	3/15/2006	Ba-140	2.10E+00	2.10E+00	7.10E+00
WG	13	L10614-02	3/15/2006	Be-7	1.70E+01	1.20E+01	4.00E+01
WG	13	L10614-02	3/15/2006	Ce-141	1.60E+00	2.10E+00	7.10E+00
WG	13	L10614-02	3/15/2006	Ce-144	-3.40E+00	7.50E+00	2.60E+01
WG	13	L10614-02	3/15/2006	Co-57	-4.30E-01	9.60E-01	3.30E+00
WG	13	L10614-02	3/15/2006	Co-58	-3.00E-01	1.40E+00	4.90E+00
WG	13	L10614-02	3/15/2006	Co-60	1.10E+00	1.30E+00	4.30E+00
WG	13	L10614-02	3/15/2006	Cr-51	1.60E+01	1.20E+01	4.10E+01
WG	13	L10614-02	3/15/2006	Cs-134	-5.00E-01	1.30E+00	4.80E+00
WG	13	L10614-02	3/15/2006	Cs-137	7.00E-01	1.40E+00	4.70E+00
WG	13	L10614-02	3/15/2006	Fe-59	-1.10E+00	2.50E+00	9.30E+00
WG	13	L10614-02	3/15/2006	GROSS BETA	3.10E+00	1.00E+00	3.00E+00 *
WG	13	L10614-02	3/15/2006	H-3	2.60E+02	4.60E+02	1.40E+03
WG	13	L10614-02	3/15/2006	I-131	1.60E+00	2.50E+00	8.50E+00
WG	13	L10614-02	3/15/2006	K-40	-2.10E+01	1.80E+01	6.80E+01
WG	13	L10614-02	3/15/2006	La-140	2.40E+00	2.40E+00	8.10E+00
WG	13	L10614-02	3/15/2006	Mn-54	-8.00E-01	1.30E+00	4.80E+00
WG	13	L10614-02	3/15/2006	Nb-95	-4.00E-01	1.50E+00	5.40E+00
WG	13	L10614-02	3/15/2006	Ru-103	-3.00E-01	1.20E+00	4.40E+00
WG	13	L10614-02	3/15/2006	Ru-106	-8.00E+00	1.30E+01	4.50E+01
WG	13	L10614-02	3/15/2006	Sb-124	2.60E+00	3.00E+00	1.10E+01
WG	13	L10614-02	3/15/2006	Sb-125	2.10E+00	3.60E+00	1.20E+01
WG	13	L10614-02	3/15/2006	Se-75	3.00E+00	1.50E+00	5.00E+00
WG	13	L10614-02	3/15/2006	Zn-65	5.90E+00	5.20E+00	1.70E+01
WG	13	L10614-02	3/15/2006	Zr-95	-7.00E-01	2.00E+00	7.20E+00
WG	13	L10983-02	6/7/2006	AcTh-228	3.80E+00	6.90E+00	2.40E+01
WG	13	L10983-02	6/7/2006	Ag-108m	1.10E+00	1.20E+00	3.90E+00
WG	13	L10983-02	6/7/2006	Ag-110m	3.50E+00	1.80E+00	5.90E+00
WG	13	L10983-02	6/7/2006	Ba-140	1.40E+00	2.40E+00	8.40E+00
WG	13	L10983-02	6/7/2006	Be-7	-1.50E+01	1.00E+01	3.80E+01
WG	13	L10983-02	6/7/2006	Ce-141	-4.40E+00	2.90E+00	1.00E+01
WG	13	L10983-02	6/7/2006	Ce-144	7.30E+00	6.50E+00	2.20E+01
WG	13	L10983-02	6/7/2006	Co-57	-1.60E+00	8.00E-01	2.90E+00
WG	13	L10983-02	6/7/2006	Co-58	1.90E+00	1.40E+00	4.60E+00
WG	13	L10983-02	6/7/2006	Co-60	-1.20E+00	1.60E+00	6.00E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	13	L10983-02	6/7/2006	Cr-51	-5.00E+00	1.10E+01	4.00E+01
WG	13	L10983-02	6/7/2006	Cs-134	-2.00E-01	1.50E+00	5.50E+00
WG	13	L10983-02	6/7/2006	Cs-137	-1.00E+00	1.50E+00	5.40E+00
WG	13	L10983-02	6/7/2006	Fe-59	-5.00E+00	3.00E+00	1.20E+01
WG	13	L10983-02	6/7/2006	GROSS BETA	3.50E+00	1.00E+00	3.00E+00 *
WG	13	L10983-02	6/7/2006	H-3	-4.10E+02	4.20E+02	1.30E+03
WG	13	L10983-02	6/7/2006	I-131	1.00E+00	2.40E+00	8.10E+00
WG	13	L10983-02	6/7/2006	K-40	-1.00E+01	2.20E+01	8.10E+01
WG	13	L10983-02	6/7/2006	La-140	1.60E+00	2.70E+00	9.60E+00
WG	13	L10983-02	6/7/2006	Mn-54	-1.80E+00	1.30E+00	5.00E+00
WG	13	L10983-02	6/7/2006	Nb-95	-7.00E-01	1.40E+00	5.10E+00
WG	13	L10983-02	6/7/2006	Ru-103	2.20E+00	1.40E+00	4.70E+00
WG	13	L10983-02	6/7/2006	Ru-106	2.30E+01	1.20E+01	4.00E+01
WG	13	L10983-02	6/7/2006	Sb-124	2.40E+00	4.00E+00	1.40E+01
WG	13	L10983-02	6/7/2006	Sb-125	-3.00E-01	3.20E+00	1.10E+01
WG	13	L10983-02	6/7/2006	Se-75	-1.80E+00	1.40E+00	4.90E+00
WG	13	L10983-02	6/7/2006	Zn-65	-2.50E+00	3.40E+00	1.30E+01
WG	13	L10983-02	6/7/2006	Zr-95	-2.70E+00	2.30E+00	8.80E+00
WG	13	L11397-02	9/13/2006	AcTh-228	1.43E+01	6.80E+00	2.20E+01
WG	13	L11397-02	9/13/2006	Ag-108m	-1.40E+00	1.30E+00	4.80E+00
WG	13	L11397-02	9/13/2006	Ag-110m	-1.50E+00	2.20E+00	8.20E+00
WG	13	L11397-02	9/13/2006	Ba-140	-1.80E+00	2.60E+00	1.00E+01
WG	13	L11397-02	9/13/2006	Be-7	2.00E+01	1.20E+01	3.90E+01
WG	13	L11397-02	9/13/2006	Ce-141	2.40E+00	1.80E+00	5.90E+00
WG	13	L11397-02	9/13/2006	Ce-144	-1.20E+00	8.10E+00	2.80E+01
WG	13	L11397-02	9/13/2006	Co-57	2.80E-01	9.80E-01	3.30E+00
WG	13	L11397-02	9/13/2006	Co-58	-1.80E+00	1.50E+00	5.60E+00
WG	13	L11397-02	9/13/2006	Co-60	2.00E+00	2.10E+00	7.00E+00
WG	13	L11397-02	9/13/2006	Cr-51	-1.90E+01	1.30E+01	4.90E+01
WG	13	L11397-02	9/13/2006	Cs-134	-1.00E-01	1.50E+00	5.50E+00
WG	13	L11397-02	9/13/2006	Cs-137	-7.00E-01	1.70E+00	6.10E+00
WG	13	L11397-02	9/13/2006	Fe-59	-9.00E-01	3.40E+00	1.30E+01
WG	13	L11397-02	9/13/2006	GROSS BETA	9.00E+00	1.40E+00	3.20E+00 *
WG	13	L11397-02	9/13/2006	H-3	-3.30E+02	4.80E+02	1.50E+03
WG	13	L11397-02	9/13/2006	I-131	-2.70E+00	2.90E+00	1.00E+01
WG	13	L11397-02	9/13/2006	K-40	-1.20E+01	2.10E+01	7.90E+01
WG	13	L11397-02	9/13/2006	La-140	-2.00E+00	3.00E+00	1.20E+01
WG	13	L11397-02	9/13/2006	Mn-54	1.40E+00	1.60E+00	5.60E+00
WG	13	L11397-02	9/13/2006	Nb-95	-2.70E+00	1.80E+00	7.00E+00
WG	13	L11397-02	9/13/2006	Ru-103	1.10E+00	1.40E+00	4.70E+00
WG	13	L11397-02	9/13/2006	Ru-106	-6.00E+00	1.60E+01	5.70E+01
WG	13	L11397-02	9/13/2006	Sb-124	-4.40E+00	4.00E+00	1.60E+01
WG	13	L11397-02	9/13/2006	Sb-125	-1.60E+00	4.20E+00	1.50E+01
WG	13	L11397-02	9/13/2006	Se-75	6.00E-01	1.70E+00	5.70E+00
WG	13	L11397-02	9/13/2006	Zn-65	5.60E+00	6.90E+00	2.30E+01
WG	13	L11397-02	9/13/2006	Zr-95	-1.40E+00	2.60E+00	9.60E+00
WG	13	L11785-02	12/6/2006	AcTh-228	-3.90E+00	6.20E+00	2.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	13	L11785-02	12/6/2006	Ag-108m	4.00E-01	1.20E+00	4.20E+00
WG	13	L11785-02	12/6/2006	Ag-110m	-1.20E+00	2.10E+00	7.60E+00
WG	13	L11785-02	12/6/2006	Ba-140	-9.00E-01	3.10E+00	1.20E+01
WG	13	L11785-02	12/6/2006	Be-7	-2.10E+01	1.30E+01	4.70E+01
WG	13	L11785-02	12/6/2006	Ce-141	-3.00E-01	2.00E+00	6.80E+00
WG	13	L11785-02	12/6/2006	Ce-144	8.90E+00	7.30E+00	2.40E+01
WG	13	L11785-02	12/6/2006	Co-57	-1.60E-01	9.00E-01	3.10E+00
WG	13	L11785-02	12/6/2006	Co-58	1.60E+00	1.60E+00	5.30E+00
WG	13	L11785-02	12/6/2006	Co-60	-4.00E-01	1.80E+00	6.70E+00
WG	13	L11785-02	12/6/2006	Cr-51	1.00E+01	1.10E+01	3.80E+01
WG	13	L11785-02	12/6/2006	Cs-134	-1.30E+00	1.70E+00	6.30E+00
WG	13	L11785-02	12/6/2006	Cs-137	-1.10E+00	1.40E+00	5.10E+00
WG	13	L11785-02	12/6/2006	Fe-59	-3.40E+00	3.10E+00	1.20E+01
WG	13	L11785-02	12/6/2006	H-3	-2.20E+02	4.20E+02	1.30E+03
WG	13	L11785-02	12/6/2006	I-131	-3.20E+00	2.40E+00	9.00E+00
WG	13	L11785-02	12/6/2006	K-40	4.50E+01	2.10E+01	6.80E+01
WG	13	L11785-02	12/6/2006	La-140	-1.00E+00	3.60E+00	1.30E+01
WG	13	L11785-02	12/6/2006	Mn-54	1.50E+00	1.50E+00	5.20E+00
WG	13	L11785-02	12/6/2006	Nb-95	-2.20E+00	1.60E+00	6.30E+00
WG	13	L11785-02	12/6/2006	Ru-103	1.20E+00	1.60E+00	5.60E+00
WG	13	L11785-02	12/6/2006	Ru-106	1.80E+01	1.30E+01	4.30E+01
WG	13	L11785-02	12/6/2006	Sb-124	1.40E+00	4.40E+00	1.60E+01
WG	13	L11785-02	12/6/2006	Sb-125	5.20E+00	3.90E+00	1.30E+01
WG	13	L11785-02	12/6/2006	Se-75	-2.20E+00	1.50E+00	5.40E+00
WG	13	L11785-02	12/6/2006	Zn-65	-3.80E+00	3.20E+00	1.20E+01
WG	13	L11785-02	12/6/2006	Zr-95	2.80E+00	2.90E+00	9.80E+00
WG	14	L11397-03	9/13/2006	AcTh-228	-8.10E+00	6.60E+00	2.50E+01
WG	14	L11397-03	9/13/2006	Ag-108m	-1.80E+00	1.40E+00	5.10E+00
WG	14	L11397-03	9/13/2006	Ag-110m	-4.70E+00	2.50E+00	9.70E+00
WG	14	L11397-03	9/13/2006	Ba-140	-3.80E+00	2.60E+00	1.10E+01
WG	14	L11397-03	9/13/2006	Be-7	1.40E+01	1.40E+01	4.60E+01
WG	14	L11397-03	9/13/2006	Ce-141	0.00E+00	2.30E+00	8.00E+00
WG	14	L11397-03	9/13/2006	Ce-144	-2.90E+00	8.70E+00	3.00E+01
WG	14	L11397-03	9/13/2006	Co-57	-6.00E-01	1.10E+00	3.90E+00
WG	14	L11397-03	9/13/2006	Co-58	-2.80E+00	1.90E+00	7.20E+00
WG	14	L11397-03	9/13/2006	Co-60	-4.90E+00	1.80E+00	7.50E+00
WG	14	L11397-03	9/13/2006	Cr-51	1.00E+01	1.30E+01	4.30E+01
WG	14	L11397-03	9/13/2006	Cs-134	1.70E+00	1.90E+00	6.60E+00
WG	14	L11397-03	9/13/2006	Cs-137	1.20E+00	1.50E+00	5.00E+00
WG	14	L11397-03	9/13/2006	Fe-59	-5.80E+00	3.80E+00	1.50E+01
WG	14	L11397-03	9/13/2006	GROSS BETA	6.90E+00	1.20E+00	2.80E+00
WG	14	L11397-03	9/13/2006	H-3	-7.90E+02	4.70E+02	1.50E+03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END. DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	14	L11397-03	9/13/2006	I-131	-9.00E-01	2.60E+00	9.30E+00
WG	14	L11397-03	9/13/2006	K-40	0.00E+00	2.90E+01	1.00E+02
WG	14	L11397-03	9/13/2006	La-140	-4.30E+00	3.00E+00	1.20E+01
WG	14	L11397-03	9/13/2006	Mn-54	-4.30E+00	1.80E+00	6.90E+00
WG	14	L11397-03	9/13/2006	Nb-95	1.90E+00	3.10E+00	1.00E+01
WG	14	L11397-03	9/13/2006	Ru-103	-1.10E+00	1.70E+00	6.00E+00
WG	14	L11397-03	9/13/2006	Ru-106	1.00E+00	1.20E+01	4.40E+01
WG	14	L11397-03	9/13/2006	Sb-124	-4.10E+00	4.40E+00	1.70E+01
WG	14	L11397-03	9/13/2006	Sb-125	6.00E-01	4.30E+00	1.50E+01
WG	14	L11397-03	9/13/2006	Se-75	-3.60E+00	1.70E+00	6.30E+00
WG	14	L11397-03	9/13/2006	Zn-65	8.40E+00	7.60E+00	2.60E+01
WG	14	L11397-03	9/13/2006	Zr-95	3.30E+00	3.10E+00	1.00E+01
WG	14	L11785-03	12/6/2006	AcTh-228	4.60E+00	6.50E+00	2.30E+01
WG	14	L11785-03	12/6/2006	Ag-108m	1.40E+00	1.60E+00	5.30E+00
WG	14	L11785-03	12/6/2006	Ag-110m	-2.50E+00	2.10E+00	8.20E+00
WG	14	L11785-03	12/6/2006	Ba-140	1.90E+00	3.20E+00	1.10E+01
WG	14	L11785-03	12/6/2006	Be-7	2.20E+00	1.60E+01	5.50E+01
WG	14	L11785-03	12/6/2006	Ce-141	-6.90E+00	3.20E+00	1.10E+01
WG	14	L11785-03	12/6/2006	Ce-144	-9.50E+00	1.10E+01	3.80E+01
WG	14	L11785-03	12/6/2006	Co-57	3.40E+00	1.40E+00	4.70E+00
WG	14	L11785-03	12/6/2006	Co-58	-0.00E+00	1.90E+00	6.80E+00
WG	14	L11785-03	12/6/2006	Co-60	-2.10E+00	1.90E+00	7.50E+00
WG	14	L11785-03	12/6/2006	Cr-51	3.30E+01	1.80E+01	5.80E+01
WG	14	L11785-03	12/6/2006	Cs-134	2.30E+00	1.80E+00	6.10E+00
WG	14	L11785-03	12/6/2006	Cs-137	-2.40E+00	1.90E+00	7.20E+00
WG	14	L11785-03	12/6/2006	Fe-59	-6.00E-02	3.60E+00	1.30E+01
WG	14	L11785-03	12/6/2006	GROSS BETA	4.60E+00	1.10E+00	2.80E+00 *
WG	14	L11785-03	12/6/2006	H-3	3.80E+02	4.30E+02	1.30E+03
WG	14	L11785-03	12/6/2006	I-131	2.90E+00	3.60E+00	1.20E+01
WG	14	L11785-03	12/6/2006	K-40	4.00E+01	2.10E+01	6.80E+01
WG	14	L11785-03	12/6/2006	La-140	2.20E+00	3.60E+00	1.30E+01
WG	14	L11785-03	12/6/2006	Mn-54	-3.60E+00	1.70E+00	6.90E+00
WG	14	L11785-03	12/6/2006	Nb-95	-9.00E-01	2.90E+00	1.00E+01
WG	14	L11785-03	12/6/2006	Ru-103	-1.10E+00	1.90E+00	6.90E+00
WG	14	L11785-03	12/6/2006	Ru-106	-4.60E+00	1.70E+01	5.90E+01
WG	14	L11785-03	12/6/2006	Sb-124	-1.60E+00	3.70E+00	1.40E+01
WG	14	L11785-03	12/6/2006	Sb-125	3.60E+00	4.80E+00	1.60E+01
WG	14	L11785-03	12/6/2006	Se-75	2.10E+00	2.10E+00	6.90E+00
WG	14	L11785-03	12/6/2006	Zn-65	8.10E+00	8.20E+00	2.70E+01
WG	14	L11785-03	12/6/2006	Zr-95	2.10E+00	3.20E+00	1.10E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L10475-01	1/24/2006	AcTh-228	-5.90E+00	7.00E+00	2.70E+01
WS	1	L10475-01	1/24/2006	Ag-108m	-1.30E+00	1.40E+00	5.30E+00
WS	1	L10475-01	1/24/2006	Ag-110m	2.10E+00	2.40E+00	8.20E+00
WS	1	L10475-01	1/24/2006	Ba-140	3.60E+00	2.80E+00	9.40E+00
WS	1	L10475-01	1/24/2006	Be-7	-3.00E+00	1.60E+01	5.90E+01
WS	1	L10475-01	1/24/2006	Ce-141	4.00E-01	2.60E+00	9.20E+00
WS	1	L10475-01	1/24/2006	Ce-144	-1.10E+01	1.00E+01	3.70E+01
WS	1	L10475-01	1/24/2006	Co-57	7.00E-01	1.30E+00	4.50E+00
WS	1	L10475-01	1/24/2006	Co-58	2.10E+00	1.90E+00	6.50E+00
WS	1	L10475-01	1/24/2006	Co-60	-1.80E+00	2.10E+00	8.30E+00
WS	1	L10475-01	1/24/2006	Cr-51	-1.20E+01	1.70E+01	6.00E+01
WS	1	L10475-01	1/24/2006	Cs-134	-8.00E-01	2.30E+00	8.50E+00
WS	1	L10475-01	1/24/2006	Cs-137	-1.00E-01	1.60E+00	5.90E+00
WS	1	L10475-01	1/24/2006	Fe-59	9.00E-01	4.30E+00	1.50E+01
WS	1	L10475-01	1/24/2006	I-131	-3.20E+00	3.50E+00	1.30E+01
WS	1	L10475-01	1/24/2006	K-40	2.94E+02	4.40E+01	1.10E+02 *
WS	1	L10475-01	1/24/2006	La-140	4.10E+00	3.20E+00	1.10E+01
WS	1	L10475-01	1/24/2006	Mn-54	-1.00E+00	2.00E+00	7.30E+00
WS	1	L10475-01	1/24/2006	Nb-95	5.00E-01	2.30E+00	8.20E+00
WS	1	L10475-01	1/24/2006	Ru-103	1.20E+00	1.80E+00	6.40E+00
WS	1	L10475-01	1/24/2006	Ru-106	-1.60E+01	1.80E+01	6.70E+01
WS	1	L10475-01	1/24/2006	Sb-124	1.90E+00	3.70E+00	1.40E+01
WS	1	L10475-01	1/24/2006	Sb-125	-6.50E+00	4.60E+00	1.80E+01
WS	1	L10475-01	1/24/2006	Se-75	-4.20E+00	2.30E+00	8.50E+00
WS	1	L10475-01	1/24/2006	Zn-65	-6.70E+00	4.90E+00	1.90E+01
WS	1	L10475-01	1/24/2006	Zr-95	-2.20E+00	3.50E+00	1.30E+01
WS	1	L10555-01	2/21/2006	AcTh-228	9.00E+00	6.20E+00	2.00E+01
WS	1	L10555-01	2/21/2006	Ag-108m	-6.00E-01	1.00E+00	3.60E+00
WS	1	L10555-01	2/21/2006	Ag-110m	0.00E+00	1.80E+00	6.40E+00
WS	1	L10555-01	2/21/2006	Ba-140	-2.50E+00	2.70E+00	1.00E+01
WS	1	L10555-01	2/21/2006	Be-7	-7.00E+00	1.10E+01	3.80E+01
WS	1	L10555-01	2/21/2006	Ce-141	8.00E-01	1.90E+00	6.40E+00
WS	1	L10555-01	2/21/2006	Ce-144	3.20E+00	6.40E+00	2.20E+01
WS	1	L10555-01	2/21/2006	Co-57	6.00E-01	8.00E-01	2.70E+00
WS	1	L10555-01	2/21/2006	Co-58	-2.40E+00	1.10E+00	4.50E+00
WS	1	L10555-01	2/21/2006	Co-60	8.00E-01	1.50E+00	5.40E+00
WS	1	L10555-01	2/21/2006	Cr-51	-9.00E+00	1.20E+01	4.40E+01
WS	1	L10555-01	2/21/2006	Cs-134	3.20E+00	1.20E+00	3.70E+00
WS	1	L10555-01	2/21/2006	Cs-137	8.00E-01	1.30E+00	4.40E+00
WS	1	L10555-01	2/21/2006	Fe-59	1.50E+00	3.10E+00	1.10E+01
WS	1	L10555-01	2/21/2006	I-131	1.30E+00	3.30E+00	1.10E+01
WS	1	L10555-01	2/21/2006	K-40	3.04E+02	2.90E+01	6.50E+01 *
WS	1	L10555-01	2/21/2006	La-140	-2.80E+00	3.20E+00	1.20E+01
WS	1	L10555-01	2/21/2006	Mn-54	4.00E-01	1.30E+00	4.40E+00
WS	1	L10555-01	2/21/2006	Nb-95	2.00E-01	1.50E+00	5.30E+00
WS	1	L10555-01	2/21/2006	Ru-103	4.00E-01	1.40E+00	4.90E+00
WS	1	L10555-01	2/21/2006	Ru-106	-5.00E+00	1.20E+01	4.30E+01
WS	1	L10555-01	2/21/2006	Sb-124	-2.30E+00	3.20E+00	1.20E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L10555-01	2/21/2006	Sb-125	0.00E+00	3.20E+00	1.10E+01
WS	1	L10555-01	2/21/2006	Se-75	1.20E+00	1.50E+00	5.20E+00
WS	1	L10555-01	2/21/2006	Zn-65	-2.00E+00	2.80E+00	1.00E+01
WS	1	L10555-01	2/21/2006	Zr-95	-4.00E-01	2.20E+00	8.00E+00
WS	1	L10653-01	3/22/2006	AcTh-228	4.90E+00	5.40E+00	1.80E+01
WS	1	L10653-01	3/22/2006	Ag-108m	0.00E+00	1.10E+00	4.00E+00
WS	1	L10653-01	3/22/2006	Ag-110m	-1.90E+00	1.70E+00	6.40E+00
WS	1	L10653-01	3/22/2006	Ba-140	-1.30E+00	2.00E+00	7.70E+00
WS	1	L10653-01	3/22/2006	Be-7	1.00E+00	1.20E+01	4.20E+01
WS	1	L10653-01	3/22/2006	Ce-141	-1.30E+00	2.40E+00	8.40E+00
WS	1	L10653-01	3/22/2006	Ce-144	-1.27E+01	7.60E+00	2.70E+01
WS	1	L10653-01	3/22/2006	Co-57	2.90E-01	9.30E-01	3.20E+00
WS	1	L10653-01	3/22/2006	Co-58	-2.00E-01	1.30E+00	4.70E+00
WS	1	L10653-01	3/22/2006	Co-60	1.90E+00	1.60E+00	5.30E+00
WS	1	L10653-01	3/22/2006	Cr-51	4.00E+00	1.30E+01	4.50E+01
WS	1	L10653-01	3/22/2006	Cs-134	3.50E+00	1.60E+00	5.10E+00
WS	1	L10653-01	3/22/2006	Cs-137	1.20E+00	1.30E+00	4.40E+00
WS	1	L10653-01	3/22/2006	Fe-59	-1.50E+00	3.10E+00	1.10E+01
WS	1	L10653-01	3/22/2006	I-131	2.00E+00	2.50E+00	8.60E+00
WS	1	L10653-01	3/22/2006	K-40	3.30E+02	3.20E+01	6.80E+01 *
WS	1	L10653-01	3/22/2006	La-140	-1.50E+00	2.30E+00	8.90E+00
WS	1	L10653-01	3/22/2006	Mn-54	1.70E+00	1.40E+00	4.70E+00
WS	1	L10653-01	3/22/2006	Nb-95	-2.00E-01	1.50E+00	5.30E+00
WS	1	L10653-01	3/22/2006	Ru-103	-4.00E-01	1.70E+00	5.90E+00
WS	1	L10653-01	3/22/2006	Ru-106	-8.00E+00	1.40E+01	5.00E+01
WS	1	L10653-01	3/22/2006	Sb-124	-5.00E-01	2.40E+00	9.50E+00
WS	1	L10653-01	3/22/2006	Sb-125	-3.00E+00	3.60E+00	1.30E+01
WS	1	L10653-01	3/22/2006	Se-75	2.90E+00	1.70E+00	5.60E+00
WS	1	L10653-01	3/22/2006	Zn-65	2.50E+00	3.20E+00	1.10E+01
WS	1	L10653-01	3/22/2006	Zr-95	-1.30E+00	2.40E+00	8.70E+00
WS	1	L10747-01	3/22/2006	H-3	-9.00E+01	4.40E+02	1.30E+03
WS	1	L10805-01	4/26/2006	AcTh-228	6.20E+00	6.30E+00	2.20E+01
WS	1	L10805-01	4/26/2006	Ag-108m	-2.40E+00	1.70E+00	6.20E+00
WS	1	L10805-01	4/26/2006	Ag-110m	1.20E+00	1.90E+00	6.80E+00
WS	1	L10805-01	4/26/2006	Ba-140	-1.90E+00	2.80E+00	1.10E+01
WS	1	L10805-01	4/26/2006	Be-7	-1.00E+01	1.60E+01	5.80E+01
WS	1	L10805-01	4/26/2006	Ce-141	-4.30E+00	3.10E+00	1.10E+01
WS	1	L10805-01	4/26/2006	Ce-144	-8.00E+00	1.20E+01	4.10E+01
WS	1	L10805-01	4/26/2006	Co-57	4.00E-01	1.20E+00	4.00E+00
WS	1	L10805-01	4/26/2006	Co-58	5.00E-01	1.80E+00	6.50E+00
WS	1	L10805-01	4/26/2006	Co-60	-3.60E+00	1.80E+00	7.60E+00
WS	1	L10805-01	4/26/2006	Cr-51	-1.10E+01	1.50E+01	5.50E+01
WS	1	L10805-01	4/26/2006	Cs-134	1.70E+00	1.70E+00	5.70E+00
WS	1	L10805-01	4/26/2006	Cs-137	-1.00E+00	1.70E+00	6.30E+00
WS	1	L10805-01	4/26/2006	Fe-59	4.30E+00	3.20E+00	1.10E+01
WS	1	L10805-01	4/26/2006	I-131	-2.90E+00	3.40E+00	1.20E+01
WS	1	L10805-01	4/26/2006	K-40	3.29E+02	4.00E+01	9.00E+01 *
WS	1	L10805-01	4/26/2006	La-140	-2.20E+00	3.20E+00	1.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L10805-01	4/26/2006	Mn-54	2.60E+00	1.70E+00	5.70E+00
WS	1	L10805-01	4/26/2006	Nb-95	1.90E+00	2.00E+00	7.00E+00
WS	1	L10805-01	4/26/2006	Ru-103	-2.20E+00	2.10E+00	7.70E+00
WS	1	L10805-01	4/26/2006	Ru-106	-1.20E+01	1.60E+01	5.90E+01
WS	1	L10805-01	4/26/2006	Sb-124	-1.60E+00	4.30E+00	1.70E+01
WS	1	L10805-01	4/26/2006	Sb-125	-2.70E+00	4.50E+00	1.60E+01
WS	1	L10805-01	4/26/2006	Se-75	-3.50E+00	2.10E+00	7.90E+00
WS	1	L10805-01	4/26/2006	Zn-65	-3.10E+00	4.40E+00	1.70E+01
WS	1	L10805-01	4/26/2006	Zr-95	3.50E+00	3.40E+00	1.20E+01
WS	1	L10923-01	5/23/2006	AcTh-228	1.60E+00	6.40E+00	2.30E+01
WS	1	L10923-01	5/23/2006	Ag-108m	-7.00E-01	1.20E+00	4.20E+00
WS	1	L10923-01	5/23/2006	Ag-110m	7.00E-01	2.20E+00	7.60E+00
WS	1	L10923-01	5/23/2006	Ba-140	3.20E+00	2.60E+00	8.80E+00
WS	1	L10923-01	5/23/2006	Be-7	-4.00E+00	1.20E+01	4.40E+01
WS	1	L10923-01	5/23/2006	Ce-141	-1.10E+00	2.00E+00	7.00E+00
WS	1	L10923-01	5/23/2006	Ce-144	-1.60E+00	7.40E+00	2.60E+01
WS	1	L10923-01	5/23/2006	Co-57	-2.00E-02	9.40E-01	3.20E+00
WS	1	L10923-01	5/23/2006	Co-58	-1.50E+00	1.80E+00	6.60E+00
WS	1	L10923-01	5/23/2006	Co-60	-2.40E+00	1.80E+00	6.90E+00
WS	1	L10923-01	5/23/2006	Cr-51	6.00E+00	1.20E+01	4.20E+01
WS	1	L10923-01	5/23/2006	Cs-134	-3.50E+00	1.90E+00	7.10E+00
WS	1	L10923-01	5/23/2006	Cs-137	1.20E+00	1.50E+00	5.00E+00
WS	1	L10923-01	5/23/2006	Fe-59	-6.70E+00	3.50E+00	1.40E+01
WS	1	L10923-01	5/23/2006	I-131	1.30E+00	2.50E+00	8.50E+00
WS	1	L10923-01	5/23/2006	K-40	3.57E+02	3.90E+01	9.10E+01 *
WS	1	L10923-01	5/23/2006	La-140	3.70E+00	3.00E+00	1.00E+01
WS	1	L10923-01	5/23/2006	Mn-54	-3.80E+00	1.60E+00	6.40E+00
WS	1	L10923-01	5/23/2006	Nb-95	-2.20E+00	2.10E+00	7.80E+00
WS	1	L10923-01	5/23/2006	Ru-103	-2.00E+00	1.60E+00	5.80E+00
WS	1	L10923-01	5/23/2006	Ru-106	1.00E+00	1.30E+01	4.80E+01
WS	1	L10923-01	5/23/2006	Sb-124	1.40E+00	4.00E+00	1.50E+01
WS	1	L10923-01	5/23/2006	Sb-125	9.00E-01	3.70E+00	1.30E+01
WS	1	L10923-01	5/23/2006	Se-75	-1.40E+00	1.60E+00	5.60E+00
WS	1	L10923-01	5/23/2006	Zn-65	-1.30E+00	3.50E+00	1.30E+01
WS	1	L10923-01	5/23/2006	Zr-95	-1.50E+00	2.90E+00	1.10E+01
WS	1	L11034-01	6/19/2006	AcTh-228	1.00E-01	5.20E+00	1.90E+01
WS	1	L11034-01	6/19/2006	Ag-108m	4.00E-01	1.10E+00	3.70E+00
WS	1	L11034-01	6/19/2006	Ag-110m	-2.30E+00	1.60E+00	6.10E+00
WS	1	L11034-01	6/19/2006	Ba-140	-3.10E+00	1.90E+00	7.90E+00
WS	1	L11034-01	6/19/2006	Be-7	6.00E+00	1.00E+01	3.60E+01
WS	1	L11034-01	6/19/2006	Ce-141	2.70E+00	2.00E+00	6.60E+00
WS	1	L11034-01	6/19/2006	Ce-144	-6.20E+00	7.10E+00	2.50E+01
WS	1	L11034-01	6/19/2006	Co-57	8.40E-01	9.20E-01	3.10E+00
WS	1	L11034-01	6/19/2006	Co-58	-1.00E+00	1.30E+00	4.80E+00
WS	1	L11034-01	6/19/2006	Co-60	8.00E-01	1.20E+00	4.20E+00
WS	1	L11034-01	6/19/2006	Cr-51	-4.00E+00	1.10E+01	4.00E+01
WS	1	L11034-01	6/19/2006	Cs-134	1.60E+00	1.30E+00	4.40E+00
WS	1	L11034-01	6/19/2006	Cs-137	-2.40E+00	1.20E+00	4.70E+00
WS	1	L11034-01	6/19/2006	Fe-59	2.10E+00	3.20E+00	1.10E+01
WS	1	L11034-01	6/19/2006	I-131	2.00E-01	2.50E+00	8.50E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L11034-01	6/19/2006	K-40	2.50E+02	3.10E+01	7.80E+01 *
WS	1	L11034-01	6/19/2006	La-140	-3.50E+00	2.20E+00	9.10E+00
WS	1	L11034-01	6/19/2006	Mn-54	-3.00E-01	1.30E+00	4.60E+00
WS	1	L11034-01	6/19/2006	Nb-95	-2.10E+00	1.50E+00	5.60E+00
WS	1	L11034-01	6/19/2006	Ru-103	-1.00E-01	1.50E+00	5.20E+00
WS	1	L11034-01	6/19/2006	Ru-106	-7.00E+00	1.30E+01	4.80E+01
WS	1	L11034-01	6/19/2006	Sb-124	3.00E+00	2.90E+00	1.00E+01
WS	1	L11034-01	6/19/2006	Sb-125	3.80E+00	3.30E+00	1.10E+01
WS	1	L11034-01	6/19/2006	Se-75	6.00E-01	1.60E+00	5.40E+00
WS	1	L11034-01	6/19/2006	Zn-65	3.10E+00	3.20E+00	1.10E+01
WS	1	L11034-01	6/19/2006	Zr-95	-5.00E-01	2.30E+00	8.40E+00
WS	1	L11108-01	6/19/2006	H-3	-5.60E+02	4.20E+02	1.30E+03
WS	1	L11178-01	7/24/2006	AcTh-228	1.50E+00	6.40E+00	2.30E+01
WS	1	L11178-01	7/24/2006	Ag-108m	2.50E+00	1.80E+00	5.80E+00
WS	1	L11178-01	7/24/2006	Ag-110m	-1.60E+00	2.30E+00	8.70E+00
WS	1	L11178-01	7/24/2006	Ba-140	-3.50E+00	2.70E+00	1.10E+01
WS	1	L11178-01	7/24/2006	Be-7	9.00E+00	1.60E+01	5.70E+01
WS	1	L11178-01	7/24/2006	Ce-141	4.40E+00	3.20E+00	1.00E+01
WS	1	L11178-01	7/24/2006	Ce-144	1.10E+01	9.70E+00	3.20E+01
WS	1	L11178-01	7/24/2006	Co-57	0.00E+00	1.20E+00	4.10E+00
WS	1	L11178-01	7/24/2006	Co-58	-1.60E+00	1.80E+00	6.10E+00
WS	1	L11178-01	7/24/2006	Co-60	-2.10E+00	2.20E+00	8.30E+00
WS	1	L11178-01	7/24/2006	Cr-51	2.90E+01	1.70E+01	5.60E+01
WS	1	L11178-01	7/24/2006	Cs-134	-1.50E+00	2.10E+00	7.70E+00
WS	1	L11178-01	7/24/2006	Cs-137	3.40E+00	1.70E+00	5.50E+00
WS	1	L11178-01	7/24/2006	Fe-59	4.90E+00	4.10E+00	1.40E+01
WS	1	L11178-01	7/24/2006	I-131	5.40E+00	3.60E+00	1.20E+01
WS	1	L11178-01	7/24/2006	K-40	2.65E+02	3.70E+01	8.90E+01 *
WS	1	L11178-01	7/24/2006	La-140	-4.00E+00	3.10E+00	1.30E+01
WS	1	L11178-01	7/24/2006	Mn-54	1.70E+00	1.70E+00	5.80E+00
WS	1	L11178-01	7/24/2006	Nb-95	3.10E+00	2.20E+00	7.40E+00
WS	1	L11178-01	7/24/2006	Ru-103	1.50E+00	1.80E+00	6.20E+00
WS	1	L11178-01	7/24/2006	Ru-106	1.70E+01	1.60E+01	5.40E+01
WS	1	L11178-01	7/24/2006	Sb-124	0.00E+00	4.40E+00	1.70E+01
WS	1	L11178-01	7/24/2006	Sb-125	-4.50E+00	4.30E+00	1.60E+01
WS	1	L11178-01	7/24/2006	Se-75	-2.00E-01	2.30E+00	8.10E+00
WS	1	L11178-01	7/24/2006	Zn-65	3.00E-01	6.30E+00	2.20E+01
WS	1	L11178-01	7/24/2006	Zr-95	-4.30E+00	2.80E+00	1.10E+01
WS	1	L11310-01	8/23/2006	AcTh-228	-7.50E+00	4.50E+00	1.70E+01
WS	1	L11310-01	8/23/2006	Ag-108m	-1.40E+00	1.10E+00	4.10E+00
WS	1	L11310-01	8/23/2006	Ag-110m	1.70E+00	1.70E+00	5.80E+00
WS	1	L11310-01	8/23/2006	Ba-140	-1.00E+00	1.80E+00	6.70E+00
WS	1	L11310-01	8/23/2006	Be-7	5.00E+00	1.10E+01	3.90E+01
WS	1	L11310-01	8/23/2006	Ce-141	2.10E+00	2.00E+00	6.60E+00
WS	1	L11310-01	8/23/2006	Ce-144	-2.00E-01	6.30E+00	2.20E+01
WS	1	L11310-01	8/23/2006	Co-57	5.50E-01	8.50E-01	2.90E+00
WS	1	L11310-01	8/23/2006	Co-58	-9.00E-01	1.20E+00	4.20E+00
WS	1	L11310-01	8/23/2006	Co-60	7.00E-01	1.20E+00	4.20E+00
WS	1	L11310-01	8/23/2006	Cr-51	-5.00E+00	1.10E+01	3.80E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L11310-01	8/23/2006	Cs-134	0.00E+00	1.40E+00	4.80E+00
WS	1	L11310-01	8/23/2006	Cs-137	-2.00E-01	1.20E+00	4.20E+00
WS	1	L11310-01	8/23/2006	Fe-59	1.00E+00	2.40E+00	8.30E+00
WS	1	L11310-01	8/23/2006	I-131	-1.00E-01	2.20E+00	7.80E+00
WS	1	L11310-01	8/23/2006	K-40	3.23E+02	2.70E+01	5.80E+01 *
WS	1	L11310-01	8/23/2006	La-140	-1.10E+00	2.00E+00	7.70E+00
WS	1	L11310-01	8/23/2006	Mn-54	8.00E-01	1.20E+00	4.20E+00
WS	1	L11310-01	8/23/2006	Nb-95	-6.00E-01	1.30E+00	4.70E+00
WS	1	L11310-01	8/23/2006	Ru-103	-1.00E-01	1.30E+00	4.70E+00
WS	1	L11310-01	8/23/2006	Ru-106	-5.00E+00	1.10E+01	3.90E+01
WS	1	L11310-01	8/23/2006	Sb-124	-1.20E+00	2.50E+00	9.50E+00
WS	1	L11310-01	8/23/2006	Sb-125	-2.00E-01	3.00E+00	1.00E+01
WS	1	L11310-01	8/23/2006	Se-75	3.00E+00	1.50E+00	5.00E+00
WS	1	L11310-01	8/23/2006	Zn-65	-3.10E+00	3.90E+00	1.40E+01
WS	1	L11310-01	8/23/2006	Zr-95	-2.30E+00	1.90E+00	7.30E+00
WS	1	L11478-01	9/19/2006	AcTh-228	7.00E-01	3.30E+00	1.10E+01
WS	1	L11478-01	9/19/2006	Ag-108m	-1.40E-01	6.40E-01	2.20E+00
WS	1	L11478-01	9/19/2006	Ag-110m	-3.00E-01	1.00E+00	3.80E+00
WS	1	L11478-01	9/19/2006	Ba-140	-1.70E+00	1.80E+00	7.00E+00
WS	1	L11478-01	9/19/2006	Be-7	-5.80E+00	6.80E+00	2.50E+01
WS	1	L11478-01	9/19/2006	Ce-141	8.00E-01	1.40E+00	4.80E+00
WS	1	L11478-01	9/19/2006	Ce-144	-6.70E+00	4.80E+00	1.70E+01
WS	1	L11478-01	9/19/2006	Co-57	-8.70E-01	6.00E-01	2.10E+00
WS	1	L11478-01	9/19/2006	Co-58	-2.00E-01	7.70E-01	2.80E+00
WS	1	L11478-01	9/19/2006	Co-60	1.38E+00	9.00E-01	3.00E+00
WS	1	L11478-01	9/19/2006	Cr-51	-9.60E+00	8.00E+00	2.90E+01
WS	1	L11478-01	9/19/2006	Cs-134	-1.00E-01	7.30E-01	2.60E+00
WS	1	L11478-01	9/19/2006	Cs-137	-3.80E-01	7.90E-01	2.80E+00
WS	1	L11478-01	9/19/2006	Fe-59	4.00E-01	1.80E+00	6.20E+00
WS	1	L11478-01	9/19/2006	I-131	-3.30E+00	2.90E+00	1.00E+01
WS	1	L11478-01	9/19/2006	K-40	3.05E+02	2.00E+01	3.70E+01 *
WS	1	L11478-01	9/19/2006	La-140	-2.00E+00	2.10E+00	8.00E+00
WS	1	L11478-01	9/19/2006	Mn-54	4.00E-01	6.30E-01	2.20E+00
WS	1	L11478-01	9/19/2006	Nb-95	-8.20E-01	9.10E-01	3.30E+00
WS	1	L11478-01	9/19/2006	Ru-103	-1.00E+00	1.20E+00	4.30E+00
WS	1	L11478-01	9/19/2006	Ru-106	2.00E+00	7.30E+00	2.50E+01
WS	1	L11478-01	9/19/2006	Sb-124	9.00E-01	1.90E+00	6.90E+00
WS	1	L11478-01	9/19/2006	Sb-125	1.00E-01	2.00E+00	7.00E+00
WS	1	L11478-01	9/19/2006	Se-75	-1.00E+00	1.00E+00	3.50E+00
WS	1	L11478-01	9/19/2006	Zn-65	-3.00E-01	1.80E+00	6.40E+00
WS	1	L11478-01	9/19/2006	Zr-95	-1.40E+00	1.30E+00	4.90E+00
WS	1	L11562-01	9/19/2006	H-3	-4.40E+02	4.70E+02	1.40E+03
WS	1	L11610-01	10/23/2006	AcTh-228	2.60E+00	4.50E+00	1.60E+01
WS	1	L11610-01	10/23/2006	Ag-108m	3.80E-01	7.50E-01	2.60E+00
WS	1	L11610-01	10/23/2006	Ag-110m	-5.00E-01	1.30E+00	4.90E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L11610-0110/23/2006		Ba-140	4.00E-01	2.70E+00	9.80E+00
WS	1	L11610-0110/23/2006		Be-7	1.42E+01	9.50E+00	3.20E+01
WS	1	L11610-0110/23/2006		Ce-141	-2.90E+00	2.80E+00	9.90E+00
WS	1	L11610-0110/23/2006		Ce-144	6.80E+00	5.00E+00	1.60E+01
WS	1	L11610-0110/23/2006		Co-57	1.67E+00	6.80E-01	2.20E+00
WS	1	L11610-0110/23/2006		Co-58	-1.90E+00	1.10E+00	4.20E+00
WS	1	L11610-0110/23/2006		Co-60	-1.00E+00	1.20E+00	4.80E+00
WS	1	L11610-0110/23/2006		Cr-51	-6.00E+00	1.00E+01	3.70E+01
WS	1	L11610-0110/23/2006		Cs-134	-1.40E+00	1.20E+00	4.50E+00
WS	1	L11610-0110/23/2006		Cs-137	5.00E-01	1.10E+00	3.90E+00
WS	1	L11610-0110/23/2006		Fe-59	4.40E+00	2.30E+00	7.20E+00
WS	1	L11610-0110/23/2006		I-131	2.70E+00	3.50E+00	1.20E+01
WS	1	L11610-0110/23/2006		K-40	2.87E+02	2.70E+01	5.50E+01 *
WS	1	L11610-0110/23/2006		La-140	5.00E-01	3.10E+00	1.10E+01
WS	1	L11610-0110/23/2006		Mn-54	-1.50E+00	1.00E+00	3.90E+00
WS	1	L11610-0110/23/2006		Nb-95	-6.00E-01	1.30E+00	4.80E+00
WS	1	L11610-0110/23/2006		Ru-103	-6.00E-01	1.30E+00	4.60E+00
WS	1	L11610-0110/23/2006		Ru-106	2.90E+00	8.80E+00	3.10E+01
WS	1	L11610-0110/23/2006		Sb-124	3.10E+00	2.90E+00	1.00E+01
WS	1	L11610-0110/23/2006		Sb-125	2.00E-01	2.40E+00	8.70E+00
WS	1	L11610-0110/23/2006		Se-75	7.00E-01	1.20E+00	4.00E+00
WS	1	L11610-0110/23/2006		Zn-65	3.00E-01	2.50E+00	9.10E+00
WS	1	L11610-0110/23/2006		Zr-95	5.50E+00	1.80E+00	5.40E+00
WS	1	L11728-0111/20/2006		AcTh-228	-5.20E+00	5.60E+00	2.00E+01
WS	1	L11728-0111/20/2006		Ag-108m	-8.00E-01	1.00E+00	3.60E+00
WS	1	L11728-0111/20/2006		Ag-110m	2.10E+00	2.00E+00	6.70E+00
WS	1	L11728-0111/20/2006		Ba-140	-3.00E+00	2.80E+00	1.10E+01
WS	1	L11728-0111/20/2006		Be-7	-1.80E+01	1.10E+01	4.20E+01
WS	1	L11728-0111/20/2006		Ce-141	-4.30E+00	2.10E+00	7.40E+00
WS	1	L11728-0111/20/2006		Ce-144	-1.63E+01	6.40E+00	2.30E+01
WS	1	L11728-0111/20/2006		Co-57	-4.50E-01	8.50E-01	3.00E+00
WS	1	L11728-0111/20/2006		Co-58	7.00E-01	1.30E+00	4.50E+00
WS	1	L11728-0111/20/2006		Co-60	-1.00E-01	1.60E+00	5.80E+00
WS	1	L11728-0111/20/2006		Cr-51	0.00E+00	1.40E+01	4.90E+01
WS	1	L11728-0111/20/2006		Cs-134	-2.00E-01	1.40E+00	5.00E+00
WS	1	L11728-0111/20/2006		Cs-137	-1.80E+00	1.40E+00	5.20E+00
WS	1	L11728-0111/20/2006		Fe-59	-7.00E-01	3.10E+00	1.10E+01
WS	1	L11728-0111/20/2006		I-131	2.40E+00	4.00E+00	1.40E+01
WS	1	L11728-0111/20/2006		K-40	2.96E+02	3.20E+01	7.30E+01 *
WS	1	L11728-0111/20/2006		La-140	-3.50E+00	3.30E+00	1.30E+01
WS	1	L11728-0111/20/2006		Mn-54	5.00E-01	1.30E+00	4.60E+00
WS	1	L11728-0111/20/2006		Nb-95	8.00E-01	1.60E+00	5.50E+00
WS	1	L11728-0111/20/2006		Ru-103	-2.60E+00	1.60E+00	5.80E+00
WS	1	L11728-0111/20/2006		Ru-106	1.60E+01	1.20E+01	3.90E+01
WS	1	L11728-0111/20/2006		Sb-124	-3.90E+00	3.80E+00	1.50E+01
WS	1	L11728-0111/20/2006		Sb-125	-1.30E+00	3.40E+00	1.20E+01
WS	1	L11728-0111/20/2006		Se-75	3.00E-01	1.60E+00	5.50E+00
WS	1	L11728-0111/20/2006		Zn-65	7.00E-01	3.00E+00	1.10E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	1	L11728-0111/20/2006		Zr-95	-1.60E+00	2.60E+00	9.40E+00
WS	1	L11872-0112/21/2006		AcTh-228	7.70E+00	4.60E+00	1.50E+01
WS	1	L11872-0112/21/2006		Ag-108m	3.40E-01	7.50E-01	2.50E+00
WS	1	L11872-0112/21/2006		Ag-110m	-1.00E+00	1.30E+00	4.80E+00
WS	1	L11872-0112/21/2006		Ba-140	2.60E+00	2.10E+00	7.20E+00
WS	1	L11872-0112/21/2006		Be-7	-4.30E+00	7.70E+00	2.70E+01
WS	1	L11872-0112/21/2006		Ce-141	-3.30E+00	1.50E+00	5.20E+00
WS	1	L11872-0112/21/2006		Ce-144	-5.20E+00	3.90E+00	1.40E+01
WS	1	L11872-0112/21/2006		Co-57	2.30E-01	4.90E-01	1.60E+00
WS	1	L11872-0112/21/2006		Co-58	-1.00E-01	1.00E+00	3.50E+00
WS	1	L11872-0112/21/2006		Co-60	1.60E+00	1.10E+00	3.60E+00
WS	1	L11872-0112/21/2006		Cr-51	-9.20E+00	8.20E+00	2.90E+01
WS	1	L11872-0112/21/2006		Cs-134	1.90E+00	1.10E+00	3.70E+00
WS	1	L11872-0112/21/2006		Cs-137	1.20E+00	8.20E-01	2.70E+00
WS	1	L11872-0112/21/2006		Fe-59	-2.30E+00	2.50E+00	8.90E+00
WS	1	L11872-0112/21/2006		I-131	3.20E+00	2.30E+00	7.70E+00
WS	1	L11872-0112/21/2006		K-40	2.72E+02	2.40E+01	5.70E+01 *
WS	1	L11872-0112/21/2006		La-140	3.00E+00	2.40E+00	8.20E+00
WS	1	L11872-0112/21/2006		Mn-54	2.50E-01	9.60E-01	3.30E+00
WS	1	L11872-0112/21/2006		Nb-95	3.00E-01	1.20E+00	4.10E+00
WS	1	L11872-0112/21/2006		Ru-103	-4.00E-01	1.00E+00	3.60E+00
WS	1	L11872-0112/21/2006		Ru-106	-7.80E+00	8.30E+00	3.00E+01
WS	1	L11872-0112/21/2006		Sb-124	2.50E+00	2.60E+00	9.00E+00
WS	1	L11872-0112/21/2006		Sb-125	7.00E-01	2.30E+00	7.70E+00
WS	1	L11872-0112/21/2006		Se-75	0.00E+00	1.10E+00	3.80E+00
WS	1	L11872-0112/21/2006		Zn-65	2.00E-01	2.30E+00	8.10E+00
WS	1	L11872-0112/21/2006		Zr-95	-1.00E-01	1.80E+00	6.40E+00
WS	1	L12045-0112/21/2006		H-3	-1.00E+01	4.40E+02	1.30E+03
WS	2	L11034-03 6/20/2006		AcTh-228	8.10E+00	5.40E+00	1.80E+01
WS	2	L11034-03 6/20/2006		Ag-108m	-5.00E-01	1.10E+00	3.80E+00
WS	2	L11034-03 6/20/2006		Ag-110m	1.90E+00	1.60E+00	5.30E+00
WS	2	L11034-03 6/20/2006		Ba-140	-3.00E+00	2.00E+00	8.00E+00
WS	2	L11034-03 6/20/2006		Be-7	6.40E+00	9.70E+00	3.30E+01
WS	2	L11034-03 6/20/2006		Ce-141	1.90E+00	2.00E+00	6.70E+00
WS	2	L11034-03 6/20/2006		Ce-144	2.10E+00	7.20E+00	2.50E+01
WS	2	L11034-03 6/20/2006		Co-57	2.10E-01	9.20E-01	3.10E+00
WS	2	L11034-03 6/20/2006		Co-58	1.80E+00	1.30E+00	4.40E+00
WS	2	L11034-03 6/20/2006		Co-60	0.00E+00	1.50E+00	5.40E+00
WS	2	L11034-03 6/20/2006		Cr-51	-1.30E+01	1.10E+01	4.10E+01
WS	2	L11034-03 6/20/2006		Cs-134	-1.20E+00	1.50E+00	5.40E+00
WS	2	L11034-03 6/20/2006		Cs-137	-1.30E+00	1.30E+00	4.80E+00
WS	2	L11034-03 6/20/2006		Fe-59	-1.70E+00	2.80E+00	1.00E+01
WS	2	L11034-03 6/20/2006		H-3	2.00E+01	4.50E+02	1.30E+03
WS	2	L11034-03 6/20/2006		I-131	-3.00E-01	2.30E+00	8.00E+00
WS	2	L11034-03 6/20/2006		K-40	9.40E+01	2.50E+01	7.30E+01 *
WS	2	L11034-03 6/20/2006		La-140	-3.50E+00	2.30E+00	9.20E+00
WS	2	L11034-03 6/20/2006		Mn-54	5.00E-01	1.30E+00	4.60E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	2	L11034-03	6/20/2006	Nb-95	1.00E-01	1.50E+00	5.30E+00
WS	2	L11034-03	6/20/2006	Ru-103	-2.30E+00	1.60E+00	5.80E+00
WS	2	L11034-03	6/20/2006	Ru-106	1.20E+01	1.30E+01	4.30E+01
WS	2	L11034-03	6/20/2006	Sb-124	-3.00E+00	2.70E+00	1.10E+01
WS	2	L11034-03	6/20/2006	Sb-125	-5.40E+00	3.40E+00	1.20E+01
WS	2	L11034-03	6/20/2006	Se-75	-1.90E+00	1.60E+00	5.70E+00
WS	2	L11034-03	6/20/2006	Zn-65	-2.40E+00	3.20E+00	1.20E+01
WS	2	L11034-03	6/20/2006	Zr-95	1.90E+00	2.40E+00	8.20E+00
WS	2	L11108-03	6/20/2006	H-3	-3.10E+02	4.20E+02	1.30E+03
WS	2	L11370-01	9/5/2006	AcTh-228	8.30E+00	5.60E+00	1.90E+01
WS	2	L11370-01	9/5/2006	Ag-108m	-4.00E-01	1.10E+00	3.80E+00
WS	2	L11370-01	9/5/2006	Ag-110m	1.00E+00	2.00E+00	6.80E+00
WS	2	L11370-01	9/5/2006	Ba-140	-9.00E-01	2.00E+00	7.70E+00
WS	2	L11370-01	9/5/2006	Be-7	5.00E+00	1.00E+01	3.50E+01
WS	2	L11370-01	9/5/2006	Ce-141	2.00E+00	2.20E+00	7.20E+00
WS	2	L11370-01	9/5/2006	Ce-144	-6.20E+00	7.10E+00	2.50E+01
WS	2	L11370-01	9/5/2006	Co-57	-1.70E-01	9.60E-01	3.30E+00
WS	2	L11370-01	9/5/2006	Co-58	7.00E-01	1.40E+00	4.80E+00
WS	2	L11370-01	9/5/2006	Co-60	-1.60E+00	1.40E+00	5.50E+00
WS	2	L11370-01	9/5/2006	Cr-51	-1.30E+01	1.20E+01	4.20E+01
WS	2	L11370-01	9/5/2006	Cs-134	1.50E+00	1.30E+00	4.50E+00
WS	2	L11370-01	9/5/2006	Cs-137	1.10E+00	1.20E+00	4.20E+00
WS	2	L11370-01	9/5/2006	Fe-59	-3.10E+00	2.90E+00	1.10E+01
WS	2	L11370-01	9/5/2006	H-3	-2.90E+02	3.90E+02	1.20E+03
WS	2	L11370-01	9/5/2006	I-131	-1.70E+00	2.20E+00	7.90E+00
WS	2	L11370-01	9/5/2006	K-40	1.39E+02	2.60E+01	7.20E+01 *
WS	2	L11370-01	9/5/2006	La-140	-1.00E+00	2.30E+00	8.80E+00
WS	2	L11370-01	9/5/2006	Mn-54	3.00E-01	1.30E+00	4.50E+00
WS	2	L11370-01	9/5/2006	Nb-95	-1.00E-01	1.60E+00	5.60E+00
WS	2	L11370-01	9/5/2006	Ru-103	1.00E+00	1.40E+00	4.90E+00
WS	2	L11370-01	9/5/2006	Ru-106	4.00E+00	1.20E+01	4.10E+01
WS	2	L11370-01	9/5/2006	Sb-124	0.00E+00	2.90E+00	1.10E+01
WS	2	L11370-01	9/5/2006	Sb-125	4.60E+00	3.50E+00	1.20E+01
WS	2	L11370-01	9/5/2006	Se-75	1.30E+00	1.60E+00	5.50E+00
WS	2	L11370-01	9/5/2006	Zn-65	-3.40E+00	2.80E+00	1.10E+01
WS	2	L11370-01	9/5/2006	Zr-95	-5.00E-01	2.20E+00	8.10E+00
WS	2	L11728-0411/28/2006	AcTh-228	-6.30E+00	6.20E+00	2.40E+01	
WS	2	L11728-0411/28/2006	Ag-108m	-2.10E+00	1.40E+00	5.30E+00	
WS	2	L11728-0411/28/2006	Ag-110m	4.00E-01	1.90E+00	7.10E+00	
WS	2	L11728-0411/28/2006	Ba-140	2.30E+00	3.10E+00	1.10E+01	
WS	2	L11728-0411/28/2006	Be-7	-7.00E+00	1.20E+01	4.60E+01	
WS	2	L11728-0411/28/2006	Ce-141	-3.10E+00	2.20E+00	7.90E+00	
WS	2	L11728-0411/28/2006	Ce-144	5.50E+00	7.20E+00	2.40E+01	
WS	2	L11728-0411/28/2006	Co-57	-5.50E-01	8.40E-01	3.00E+00	
WS	2	L11728-0411/28/2006	Co-58	2.00E+00	1.80E+00	5.90E+00	
WS	2	L11728-0411/28/2006	Co-60	1.60E+00	2.00E+00	7.20E+00	
WS	2	L11728-0411/28/2006	Cr-51	-1.20E+01	1.40E+01	5.00E+01	
WS	2	L11728-0411/28/2006	Cs-134	2.10E+00	1.90E+00	6.30E+00	
WS	2	L11728-0411/28/2006	Cs-137	-4.00E-01	1.60E+00	5.80E+00	
WS	2	L11728-0411/28/2006	Fe-59	6.00E-01	3.80E+00	1.40E+01	

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	2	L11728-0411/28/2006		H-3	-9.00E+01	4.40E+02	1.30E+03
WS	2	L11728-0411/28/2006		I-131	2.00E+00	2.60E+00	9.00E+00
WS	2	L11728-0411/28/2006		K-40	1.18E+02	3.40E+01	1.00E+02 *
WS	2	L11728-0411/28/2006		La-140	2.70E+00	3.60E+00	1.30E+01
WS	2	L11728-0411/28/2006		Mn-54	1.00E-01	1.70E+00	6.30E+00
WS	2	L11728-0411/28/2006		Nb-95	6.00E-01	1.90E+00	6.70E+00
WS	2	L11728-0411/28/2006		Ru-103	8.00E-01	1.90E+00	6.70E+00
WS	2	L11728-0411/28/2006		Ru-106	-1.80E+01	1.40E+01	5.50E+01
WS	2	L11728-0411/28/2006		Sb-124	5.90E+00	4.60E+00	1.60E+01
WS	2	L11728-0411/28/2006		Sb-125	4.30E+00	4.00E+00	1.30E+01
WS	2	L11728-0411/28/2006		Se-75	2.80E+00	1.80E+00	6.10E+00
WS	2	L11728-0411/28/2006		Zn-65	-1.80E+00	3.60E+00	1.40E+01
WS	2	L11728-0411/28/2006		Zr-95	8.00E-01	2.90E+00	1.10E+01
WS	51	L10475-02 1/24/2006		AcTh-228	-3.00E-01	6.20E+00	2.30E+01
WS	51	L10475-02 1/24/2006		Ag-108m	-7.00E-01	1.50E+00	5.40E+00
WS	51	L10475-02 1/24/2006		Ag-110m	0.00E+00	2.10E+00	7.90E+00
WS	51	L10475-02 1/24/2006		Ba-140	-1.80E+00	2.80E+00	1.10E+01
WS	51	L10475-02 1/24/2006		Be-7	-9.00E+00	1.50E+01	5.60E+01
WS	51	L10475-02 1/24/2006		Ce-141	-3.10E+00	2.50E+00	8.90E+00
WS	51	L10475-02 1/24/2006		Ce-144	-6.20E+00	9.60E+00	3.40E+01
WS	51	L10475-02 1/24/2006		Co-57	-6.00E-01	1.30E+00	4.50E+00
WS	51	L10475-02 1/24/2006		Co-58	-2.00E-01	1.80E+00	6.60E+00
WS	51	L10475-02 1/24/2006		Co-60	1.00E+00	1.60E+00	5.70E+00
WS	51	L10475-02 1/24/2006		Cr-51	8.00E+00	1.70E+01	5.90E+01
WS	51	L10475-02 1/24/2006		Cs-134	-5.00E-01	1.90E+00	7.00E+00
WS	51	L10475-02 1/24/2006		Cs-137	9.00E-01	1.80E+00	6.20E+00
WS	51	L10475-02 1/24/2006		Fe-59	-8.00E-01	3.80E+00	1.40E+01
WS	51	L10475-02 1/24/2006		I-131	-7.70E+00	3.60E+00	1.40E+01
WS	51	L10475-02 1/24/2006		K-40	2.47E+02	4.10E+01	1.00E+02 *
WS	51	L10475-02 1/24/2006		La-140	-2.10E+00	3.20E+00	1.30E+01
WS	51	L10475-02 1/24/2006		Mn-54	-1.40E+00	1.70E+00	6.70E+00
WS	51	L10475-02 1/24/2006		Nb-95	-1.80E+00	1.80E+00	7.10E+00
WS	51	L10475-02 1/24/2006		Ru-103	7.00E-01	1.80E+00	6.30E+00
WS	51	L10475-02 1/24/2006		Ru-106	-1.10E+01	1.60E+01	6.10E+01
WS	51	L10475-02 1/24/2006		Sb-124	2.00E+00	4.00E+00	1.50E+01
WS	51	L10475-02 1/24/2006		Sb-125	2.80E+00	4.60E+00	1.60E+01
WS	51	L10475-02 1/24/2006		Se-75	-1.20E+00	2.00E+00	7.30E+00
WS	51	L10475-02 1/24/2006		Zn-65	-5.00E-01	4.20E+00	1.60E+01
WS	51	L10475-02 1/24/2006		Zr-95	-1.70E+00	2.80E+00	1.10E+01
WS	51	L10555-02 2/21/2006		AcTh-228	9.70E+00	4.20E+00	1.30E+01
WS	51	L10555-02 2/21/2006		Ag-108m	-1.23E+00	9.00E-01	3.30E+00
WS	51	L10555-02 2/21/2006		Ag-110m	-1.20E+00	1.50E+00	5.50E+00
WS	51	L10555-02 2/21/2006		Ba-140	1.30E+00	2.70E+00	9.30E+00
WS	51	L10555-02 2/21/2006		Be-7	3.00E+00	1.00E+01	3.40E+01
WS	51	L10555-02 2/21/2006		Ce-141	-3.10E+00	1.60E+00	5.60E+00
WS	51	L10555-02 2/21/2006		Ce-144	6.50E+00	5.00E+00	1.60E+01
WS	51	L10555-02 2/21/2006		Co-57	2.20E-01	7.10E-01	2.40E+00
WS	51	L10555-02 2/21/2006		Co-58	-2.00E-01	1.20E+00	4.30E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	51	L10555-02	2/21/2006	Co-60	1.10E+00	1.30E+00	4.60E+00
WS	51	L10555-02	2/21/2006	Cr-51	-4.00E-01	9.50E+00	3.30E+01
WS	51	L10555-02	2/21/2006	Cs-134	-5.00E-01	1.50E+00	5.20E+00
WS	51	L10555-02	2/21/2006	Cs-137	6.00E-01	1.10E+00	3.80E+00
WS	51	L10555-02	2/21/2006	Fe-59	1.90E+00	2.60E+00	8.90E+00
WS	51	L10555-02	2/21/2006	I-131	-2.80E+00	2.70E+00	9.70E+00
WS	51	L10555-02	2/21/2006	K-40	3.22E+02	2.90E+01	6.70E+01 *
WS	51	L10555-02	2/21/2006	La-140	1.50E+00	3.00E+00	1.10E+01
WS	51	L10555-02	2/21/2006	Mn-54	5.00E-01	1.20E+00	4.10E+00
WS	51	L10555-02	2/21/2006	Nb-95	-1.00E+00	1.40E+00	4.90E+00
WS	51	L10555-02	2/21/2006	Ru-103	-6.00E-01	1.20E+00	4.30E+00
WS	51	L10555-02	2/21/2006	Ru-106	8.00E+00	1.00E+01	3.40E+01
WS	51	L10555-02	2/21/2006	Sb-124	-4.00E+00	3.70E+00	1.40E+01
WS	51	L10555-02	2/21/2006	Sb-125	2.80E+00	2.90E+00	9.90E+00
WS	51	L10555-02	2/21/2006	Se-75	1.10E+00	1.20E+00	4.10E+00
WS	51	L10555-02	2/21/2006	Zn-65	-8.00E-01	2.90E+00	1.00E+01
WS	51	L10555-02	2/21/2006	Zr-95	1.40E+00	2.30E+00	7.80E+00
WS	51	L10653-02	3/22/2006	AcTh-228	-4.50E+00	5.60E+00	2.10E+01
WS	51	L10653-02	3/22/2006	Ag-108m	-9.00E-01	1.20E+00	4.20E+00
WS	51	L10653-02	3/22/2006	Ag-110m	1.50E+00	1.80E+00	6.10E+00
WS	51	L10653-02	3/22/2006	Ba-140	1.80E+00	2.10E+00	7.10E+00
WS	51	L10653-02	3/22/2006	Be-7	5.00E+00	1.10E+01	3.70E+01
WS	51	L10653-02	3/22/2006	Ce-141	-6.70E+00	2.10E+00	7.60E+00
WS	51	L10653-02	3/22/2006	Ce-144	-2.30E+00	7.50E+00	2.60E+01
WS	51	L10653-02	3/22/2006	Co-57	-1.20E+00	9.80E-01	3.50E+00
WS	51	L10653-02	3/22/2006	Co-58	-1.10E+00	1.40E+00	5.00E+00
WS	51	L10653-02	3/22/2006	Co-60	2.80E+00	1.60E+00	5.00E+00
WS	51	L10653-02	3/22/2006	Cr-51	2.00E+00	1.20E+01	4.00E+01
WS	51	L10653-02	3/22/2006	Cs-134	9.00E-01	1.50E+00	5.10E+00
WS	51	L10653-02	3/22/2006	Cs-137	4.00E-01	1.20E+00	4.10E+00
WS	51	L10653-02	3/22/2006	Fe-59	-2.70E+00	3.10E+00	1.20E+01
WS	51	L10653-02	3/22/2006	I-131	-1.60E+00	2.30E+00	8.40E+00
WS	51	L10653-02	3/22/2006	K-40	2.72E+02	3.20E+01	8.20E+01 *
WS	51	L10653-02	3/22/2006	La-140	2.10E+00	2.40E+00	8.20E+00
WS	51	L10653-02	3/22/2006	Mn-54	-1.00E-01	1.40E+00	4.90E+00
WS	51	L10653-02	3/22/2006	Nb-95	8.00E-01	1.50E+00	5.30E+00
WS	51	L10653-02	3/22/2006	Ru-103	1.10E+00	1.50E+00	5.10E+00
WS	51	L10653-02	3/22/2006	Ru-106	-4.00E+00	1.20E+01	4.20E+01
WS	51	L10653-02	3/22/2006	Sb-124	-6.00E+00	3.00E+00	1.30E+01
WS	51	L10653-02	3/22/2006	Sb-125	-3.00E+00	3.10E+00	1.20E+01
WS	51	L10653-02	3/22/2006	Se-75	7.00E-01	1.50E+00	5.20E+00
WS	51	L10653-02	3/22/2006	Zn-65	-1.00E+00	3.50E+00	1.20E+01
WS	51	L10653-02	3/22/2006	Zr-95	3.40E+00	2.30E+00	7.70E+00
WS	51	L10747-02	3/22/2006	H-3	-1.40E+02	4.50E+02	1.40E+03
WS	51	L10805-02	4/26/2006	AcTh-228	6.90E+00	6.40E+00	2.20E+01
WS	51	L10805-02	4/26/2006	Ag-108m	-3.00E-01	1.20E+00	4.40E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	51	L10805-02	4/26/2006	Ag-110m	-3.00E+00	2.10E+00	8.00E+00
WS	51	L10805-02	4/26/2006	Ba-140	-1.20E+00	2.30E+00	9.00E+00
WS	51	L10805-02	4/26/2006	Be-7	2.10E+01	1.20E+01	4.00E+01
WS	51	L10805-02	4/26/2006	Ce-141	-2.30E+00	2.10E+00	7.30E+00
WS	51	L10805-02	4/26/2006	Ce-144	1.22E+01	7.70E+00	2.50E+01
WS	51	L10805-02	4/26/2006	Co-57	4.40E-01	9.90E-01	3.40E+00
WS	51	L10805-02	4/26/2006	Co-58	-1.20E+00	1.60E+00	5.90E+00
WS	51	L10805-02	4/26/2006	Co-60	2.90E+00	1.80E+00	5.80E+00
WS	51	L10805-02	4/26/2006	Cr-51	-1.30E+01	1.10E+01	4.20E+01
WS	51	L10805-02	4/26/2006	Cs-134	2.50E+00	1.60E+00	5.30E+00
WS	51	L10805-02	4/26/2006	Cs-137	3.10E+00	1.50E+00	4.70E+00
WS	51	L10805-02	4/26/2006	Fe-59	-1.30E+00	3.70E+00	1.40E+01
WS	51	L10805-02	4/26/2006	I-131	1.30E+00	2.70E+00	9.10E+00
WS	51	L10805-02	4/26/2006	K-40	3.18E+02	3.80E+01	9.20E+01 *
WS	51	L10805-02	4/26/2006	La-140	-1.40E+00	2.60E+00	1.00E+01
WS	51	L10805-02	4/26/2006	Mn-54	7.00E-01	1.50E+00	5.20E+00
WS	51	L10805-02	4/26/2006	Nb-95	0.00E+00	1.80E+00	6.40E+00
WS	51	L10805-02	4/26/2006	Ru-103	-1.90E+00	1.60E+00	6.00E+00
WS	51	L10805-02	4/26/2006	Ru-106	-1.60E+01	1.30E+01	4.70E+01
WS	51	L10805-02	4/26/2006	Sb-124	-2.00E+00	3.90E+00	1.50E+01
WS	51	L10805-02	4/26/2006	Sb-125	-6.00E-01	3.60E+00	1.30E+01
WS	51	L10805-02	4/26/2006	Se-75	7.00E-01	1.60E+00	5.50E+00
WS	51	L10805-02	4/26/2006	Zn-65	1.70E+00	3.40E+00	1.20E+01
WS	51	L10805-02	4/26/2006	Zr-95	1.00E-01	2.90E+00	1.00E+01
WS	51	L10923-02	5/23/2006	AcTh-228	-1.10E+00	6.60E+00	2.40E+01
WS	51	L10923-02	5/23/2006	Ag-108m	1.20E+00	1.40E+00	4.70E+00
WS	51	L10923-02	5/23/2006	Ag-110m	-2.80E+00	2.40E+00	9.40E+00
WS	51	L10923-02	5/23/2006	Ba-140	9.00E-01	3.00E+00	1.10E+01
WS	51	L10923-02	5/23/2006	Be-7	-3.00E+00	1.60E+01	5.90E+01
WS	51	L10923-02	5/23/2006	Ce-141	-5.00E+00	2.90E+00	1.10E+01
WS	51	L10923-02	5/23/2006	Ce-144	1.60E+00	9.70E+00	3.30E+01
WS	51	L10923-02	5/23/2006	Co-57	-1.80E+00	1.20E+00	4.30E+00
WS	51	L10923-02	5/23/2006	Co-58	-1.30E+00	1.80E+00	6.70E+00
WS	51	L10923-02	5/23/2006	Co-60	1.60E+00	1.80E+00	6.20E+00
WS	51	L10923-02	5/23/2006	Cr-51	-1.30E+01	1.70E+01	6.00E+01
WS	51	L10923-02	5/23/2006	Cs-134	4.80E+00	2.00E+00	6.30E+00
WS	51	L10923-02	5/23/2006	Cs-137	7.00E-01	1.70E+00	5.90E+00
WS	51	L10923-02	5/23/2006	Fe-59	5.00E+00	3.80E+00	1.30E+01
WS	51	L10923-02	5/23/2006	I-131	-1.40E+00	3.20E+00	1.10E+01
WS	51	L10923-02	5/23/2006	K-40	2.79E+02	3.60E+01	7.90E+01 *
WS	51	L10923-02	5/23/2006	La-140	1.10E+00	3.40E+00	1.30E+01
WS	51	L10923-02	5/23/2006	Mn-54	-1.30E+00	1.80E+00	6.80E+00
WS	51	L10923-02	5/23/2006	Nb-95	5.00E-01	1.90E+00	6.70E+00
WS	51	L10923-02	5/23/2006	Ru-103	-3.80E+00	2.00E+00	7.80E+00
WS	51	L10923-02	5/23/2006	Ru-106	2.00E+01	1.50E+01	4.90E+01
WS	51	L10923-02	5/23/2006	Sb-124	-5.50E+00	4.50E+00	1.80E+01
WS	51	L10923-02	5/23/2006	Sb-125	-2.70E+00	4.30E+00	1.60E+01
WS	51	L10923-02	5/23/2006	Se-75	-1.50E+00	2.20E+00	7.90E+00
WS	51	L10923-02	5/23/2006	Zn-65	1.20E+01	8.10E+00	2.70E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	51	L10923-02	5/23/2006	Zr-95	3.10E+00	3.10E+00	1.10E+01
WS	51	L11034-02	6/19/2006	AcTh-228	-8.00E-01	4.90E+00	1.80E+01
WS	51	L11034-02	6/19/2006	Ag-108m	7.00E-01	1.00E+00	3.60E+00
WS	51	L11034-02	6/19/2006	Ag-110m	1.50E+00	1.60E+00	5.40E+00
WS	51	L11034-02	6/19/2006	Ba-140	3.40E+00	1.90E+00	6.30E+00
WS	51	L11034-02	6/19/2006	Be-7	7.00E+00	1.10E+01	3.80E+01
WS	51	L11034-02	6/19/2006	Ce-141	-9.00E-01	2.10E+00	7.20E+00
WS	51	L11034-02	6/19/2006	Ce-144	-1.90E+00	7.20E+00	2.50E+01
WS	51	L11034-02	6/19/2006	Co-57	-1.40E-01	9.40E-01	3.20E+00
WS	51	L11034-02	6/19/2006	Co-58	-8.00E-01	1.20E+00	4.40E+00
WS	51	L11034-02	6/19/2006	Co-60	-8.00E-01	1.30E+00	4.70E+00
WS	51	L11034-02	6/19/2006	Cr-51	1.10E+01	1.30E+01	4.20E+01
WS	51	L11034-02	6/19/2006	Cs-134	-1.20E+00	1.30E+00	4.90E+00
WS	51	L11034-02	6/19/2006	Cs-137	-9.00E-01	1.50E+00	5.30E+00
WS	51	L11034-02	6/19/2006	Fe-59	1.20E+00	2.80E+00	9.90E+00
WS	51	L11034-02	6/19/2006	I-131	-2.00E+00	2.60E+00	9.30E+00
WS	51	L11034-02	6/19/2006	K-40	2.39E+02	2.90E+01	7.40E+01 *
WS	51	L11034-02	6/19/2006	La-140	3.90E+00	2.20E+00	7.20E+00
WS	51	L11034-02	6/19/2006	Mn-54	-2.20E+00	1.20E+00	4.60E+00
WS	51	L11034-02	6/19/2006	Nb-95	-1.70E+00	1.30E+00	5.10E+00
WS	51	L11034-02	6/19/2006	Ru-103	-3.90E+00	1.20E+00	4.90E+00
WS	51	L11034-02	6/19/2006	Ru-106	5.00E+00	1.10E+01	3.90E+01
WS	51	L11034-02	6/19/2006	Sb-124	1.20E+00	2.80E+00	1.00E+01
WS	51	L11034-02	6/19/2006	Sb-125	1.30E+00	3.20E+00	1.10E+01
WS	51	L11034-02	6/19/2006	Se-75	0.00E+00	1.70E+00	5.90E+00
WS	51	L11034-02	6/19/2006	Zn-65	-2.60E+00	2.70E+00	1.00E+01
WS	51	L11034-02	6/19/2006	Zr-95	2.30E+00	2.50E+00	8.40E+00
WS	51	L11108-02	6/19/2006	H-3	-2.80E+02	4.30E+02	1.30E+03
WS	51	L11178-02	7/24/2006	AcTh-228	-5.20E+00	5.80E+00	2.20E+01
WS	51	L11178-02	7/24/2006	Ag-108m	3.00E-01	1.30E+00	4.50E+00
WS	51	L11178-02	7/24/2006	Ag-110m	0.00E+00	2.50E+00	9.00E+00
WS	51	L11178-02	7/24/2006	Ba-140	-2.90E+00	2.60E+00	1.10E+01
WS	51	L11178-02	7/24/2006	Be-7	-7.00E+00	1.30E+01	4.90E+01
WS	51	L11178-02	7/24/2006	Ce-141	-3.40E+00	2.50E+00	8.90E+00
WS	51	L11178-02	7/24/2006	Ce-144	-6.80E+00	8.80E+00	3.10E+01
WS	51	L11178-02	7/24/2006	Co-57	5.00E-01	1.20E+00	4.10E+00
WS	51	L11178-02	7/24/2006	Co-58	-6.00E-01	1.80E+00	6.60E+00
WS	51	L11178-02	7/24/2006	Co-60	7.00E-01	1.80E+00	6.40E+00
WS	51	L11178-02	7/24/2006	Cr-51	-1.00E+00	1.60E+01	5.50E+01
WS	51	L11178-02	7/24/2006	Cs-134	0.00E+00	1.90E+00	7.00E+00
WS	51	L11178-02	7/24/2006	Cs-137	-2.30E+00	1.60E+00	6.30E+00
WS	51	L11178-02	7/24/2006	Fe-59	1.50E+00	3.80E+00	1.40E+01
WS	51	L11178-02	7/24/2006	I-131	-2.80E+00	3.30E+00	1.20E+01
WS	51	L11178-02	7/24/2006	K-40	2.66E+02	3.60E+01	8.50E+01 *
WS	51	L11178-02	7/24/2006	La-140	-3.30E+00	3.00E+00	1.20E+01
WS	51	L11178-02	7/24/2006	Mn-54	2.00E-01	1.70E+00	6.10E+00
WS	51	L11178-02	7/24/2006	Nb-95	4.10E+00	2.10E+00	6.70E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	51	L11178-02	7/24/2006	Ru-103	1.00E-01	1.90E+00	6.60E+00
WS	51	L11178-02	7/24/2006	Ru-106	-1.10E+01	1.70E+01	6.20E+01
WS	51	L11178-02	7/24/2006	Sb-124	4.60E+00	3.40E+00	1.10E+01
WS	51	L11178-02	7/24/2006	Sb-125	1.02E+01	4.30E+00	1.40E+01
WS	51	L11178-02	7/24/2006	Se-75	1.00E-01	2.00E+00	6.90E+00
WS	51	L11178-02	7/24/2006	Zn-65	-2.40E+00	4.10E+00	1.50E+01
WS	51	L11178-02	7/24/2006	Zr-95	4.40E+00	2.80E+00	9.10E+00
WS	51	L11310-02	8/21/2006	AcTh-228	1.32E+01	5.00E+00	2.00E+01
WS	51	L11310-02	8/21/2006	Ag-108m	2.90E-01	9.60E-01	3.30E+00
WS	51	L11310-02	8/21/2006	Ag-110m	-1.00E-01	1.70E+00	6.00E+00
WS	51	L11310-02	8/21/2006	Ba-140	-3.00E-01	2.30E+00	8.40E+00
WS	51	L11310-02	8/21/2006	Be-7	1.20E+01	9.50E+00	3.20E+01
WS	51	L11310-02	8/21/2006	Ce-141	-4.00E+00	1.70E+00	6.10E+00
WS	51	L11310-02	8/21/2006	Ce-144	-3.50E+00	5.10E+00	1.80E+01
WS	51	L11310-02	8/21/2006	Co-57	1.16E+00	6.30E-01	2.10E+00
WS	51	L11310-02	8/21/2006	Co-58	-2.50E+00	1.20E+00	4.70E+00
WS	51	L11310-02	8/21/2006	Co-60	2.00E-01	1.40E+00	5.10E+00
WS	51	L11310-02	8/21/2006	Cr-51	-1.26E+01	9.30E+00	3.30E+01
WS	51	L11310-02	8/21/2006	Cs-134	-5.00E-01	1.40E+00	5.00E+00
WS	51	L11310-02	8/21/2006	Cs-137	-1.90E+00	1.20E+00	4.40E+00
WS	51	L11310-02	8/21/2006	Fe-59	4.20E+00	2.60E+00	8.70E+00
WS	51	L11310-02	8/21/2006	I-131	-7.00E-01	1.80E+00	6.50E+00
WS	51	L11310-02	8/21/2006	K-40	2.95E+02	2.80E+01	5.80E+01 *
WS	51	L11310-02	8/21/2006	La-140	-3.00E-01	2.60E+00	9.60E+00
WS	51	L11310-02	8/21/2006	Mn-54	5.00E-01	1.20E+00	4.20E+00
WS	51	L11310-02	8/21/2006	Nb-95	-1.00E+00	1.40E+00	5.00E+00
WS	51	L11310-02	8/21/2006	Ru-103	-1.70E+00	1.30E+00	4.60E+00
WS	51	L11310-02	8/21/2006	Ru-106	-5.00E+00	1.10E+01	3.90E+01
WS	51	L11310-02	8/21/2006	Sb-124	1.00E+00	3.20E+00	1.20E+01
WS	51	L11310-02	8/21/2006	Sb-125	-5.50E+00	3.00E+00	1.10E+01
WS	51	L11310-02	8/21/2006	Se-75	-1.50E+00	1.20E+00	4.40E+00
WS	51	L11310-02	8/21/2006	Zn-65	-4.60E+00	2.90E+00	1.10E+01
WS	51	L11310-02	8/21/2006	Zr-95	5.00E-01	2.40E+00	8.40E+00
WS	51	L11478-02	9/19/2006	AcTh-228	-1.50E+00	3.20E+00	1.20E+01
WS	51	L11478-02	9/19/2006	Ag-108m	2.90E-01	7.30E-01	2.50E+00
WS	51	L11478-02	9/19/2006	Ag-110m	-6.00E-01	1.00E+00	3.80E+00
WS	51	L11478-02	9/19/2006	Ba-140	-1.00E+00	2.00E+00	7.90E+00
WS	51	L11478-02	9/19/2006	Be-7	-8.80E+00	7.20E+00	2.70E+01
WS	51	L11478-02	9/19/2006	Ce-141	-1.40E+00	1.50E+00	5.40E+00
WS	51	L11478-02	9/19/2006	Ce-144	9.50E+00	4.50E+00	1.50E+01
WS	51	L11478-02	9/19/2006	Co-57	7.00E-02	5.30E-01	1.80E+00
WS	51	L11478-02	9/19/2006	Co-58	3.30E-01	9.00E-01	3.20E+00
WS	51	L11478-02	9/19/2006	Co-60	-1.07E+00	9.60E-01	3.70E+00
WS	51	L11478-02	9/19/2006	Cr-51	-7.30E+00	8.20E+00	3.00E+01
WS	51	L11478-02	9/19/2006	Cs-134	3.20E-01	9.80E-01	3.40E+00
WS	51	L11478-02	9/19/2006	Cs-137	1.13E+00	8.40E-01	2.80E+00
WS	51	L11478-02	9/19/2006	Fe-59	5.00E-01	2.30E+00	8.00E+00
WS	51	L11478-02	9/19/2006	I-131	9.00E-01	2.70E+00	9.50E+00
WS	51	L11478-02	9/19/2006	K-40	3.04E+02	2.40E+01	4.50E+01 *
WS	51	L11478-02	9/19/2006	La-140	-1.20E+00	2.30E+00	9.00E+00

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	51	L11478-02	9/19/2006	Mn-54	1.10E+00	8.00E-01	2.70E+00
WS	51	L11478-02	9/19/2006	Nb-95	1.50E+00	1.00E+00	3.40E+00
WS	51	L11478-02	9/19/2006	Ru-103	-1.58E+00	9.80E-01	3.70E+00
WS	51	L11478-02	9/19/2006	Ru-106	-3.00E+00	7.00E+00	2.50E+01
WS	51	L11478-02	9/19/2006	Sb-124	0.00E+00	2.50E+00	9.20E+00
WS	51	L11478-02	9/19/2006	Sb-125	1.30E+00	2.10E+00	7.30E+00
WS	51	L11478-02	9/19/2006	Se-75	1.90E+00	1.00E+00	3.30E+00
WS	51	L11478-02	9/19/2006	Zn-65	-2.00E-01	2.10E+00	7.60E+00
WS	51	L11478-02	9/19/2006	Zr-95	-1.10E+00	1.50E+00	5.60E+00
WS	51	L11562-02	9/19/2006	H-3	-4.40E+02	4.70E+02	1.40E+03
WS	51	L11610-0210/24/2006		AcTh-228	-5.80E+00	4.10E+00	1.60E+01
WS	51	L11610-0210/24/2006		Ag-108m	6.00E-01	8.50E-01	2.90E+00
WS	51	L11610-0210/24/2006		Ag-110m	1.00E+00	1.30E+00	4.60E+00
WS	51	L11610-0210/24/2006		Ba-140	-4.30E+00	2.60E+00	1.10E+01
WS	51	L11610-0210/24/2006		Be-7	2.60E+00	9.00E+00	3.20E+01
WS	51	L11610-0210/24/2006		Ce-141	-2.10E+00	1.70E+00	6.10E+00
WS	51	L11610-0210/24/2006		Ce-144	-6.80E+00	5.80E+00	2.00E+01
WS	51	L11610-0210/24/2006		Co-57	4.00E-02	7.60E-01	2.60E+00
WS	51	L11610-0210/24/2006		Co-58	-1.00E+00	1.10E+00	4.00E+00
WS	51	L11610-0210/24/2006		Co-60	-1.40E+00	1.30E+00	4.90E+00
WS	51	L11610-0210/24/2006		Cr-51	2.50E+01	1.20E+01	3.70E+01
WS	51	L11610-0210/24/2006		Cs-134	8.00E-01	1.10E+00	3.90E+00
WS	51	L11610-0210/24/2006		Cs-137	-8.00E-01	1.10E+00	4.10E+00
WS	51	L11610-0210/24/2006		Fe-59	-1.60E+00	2.70E+00	1.00E+01
WS	51	L11610-0210/24/2006		I-131	2.30E+00	3.60E+00	1.20E+01
WS	51	L11610-0210/24/2006		K-40	3.52E+02	2.80E+01	5.00E+01 *
WS	51	L11610-0210/24/2006		La-140	-4.90E+00	3.00E+00	1.30E+01
WS	51	L11610-0210/24/2006		Mn-54	1.40E+00	1.00E+00	3.30E+00
WS	51	L11610-0210/24/2006		Nb-95	-1.10E+00	1.10E+00	4.30E+00
WS	51	L11610-0210/24/2006		Ru-103	-3.30E+00	1.30E+00	4.90E+00
WS	51	L11610-0210/24/2006		Ru-106	7.80E+00	8.60E+00	2.90E+01
WS	51	L11610-0210/24/2006		Sb-124	2.00E+00	2.90E+00	1.00E+01
WS	51	L11610-0210/24/2006		Sb-125	-2.00E-01	2.60E+00	9.20E+00
WS	51	L11610-0210/24/2006		Se-75	-8.00E-01	1.10E+00	4.00E+00
WS	51	L11610-0210/24/2006		Zn-65	1.20E+00	2.50E+00	8.60E+00
WS	51	L11610-0210/24/2006		Zr-95	-2.00E-01	1.70E+00	6.30E+00
WS	51	L11728-0211/20/2006		AcTh-228	1.60E+00	6.10E+00	2.10E+01
WS	51	L11728-0211/20/2006		Ag-108m	1.30E+00	1.10E+00	3.80E+00
WS	51	L11728-0211/20/2006		Ag-110m	-1.90E+00	2.00E+00	7.60E+00
WS	51	L11728-0211/20/2006		Ba-140	-2.30E+00	3.60E+00	1.40E+01
WS	51	L11728-0211/20/2006		Be-7	5.00E+00	1.30E+01	4.60E+01
WS	51	L11728-0211/20/2006		Ce-141	-1.90E+00	2.20E+00	7.80E+00
WS	51	L11728-0211/20/2006		Ce-144	7.00E+00	6.20E+00	2.10E+01
WS	51	L11728-0211/20/2006		Co-57	-1.60E-01	8.20E-01	2.80E+00
WS	51	L11728-0211/20/2006		Co-58	-2.00E-01	1.60E+00	5.80E+00
WS	51	L11728-0211/20/2006		Co-60	-9.00E-01	1.80E+00	6.70E+00
WS	51	L11728-0211/20/2006		Cr-51	1.80E+01	1.30E+01	4.30E+01

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Seabrook Nuclear Power Station Radiological Environmental Monitoring Program - 2006

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	51	L11728-0211/20/2006		Cs-134	-2.00E-01	1.70E+00	6.00E+00
WS	51	L11728-0211/20/2006		Cs-137	9.00E-01	1.30E+00	4.70E+00
WS	51	L11728-0211/20/2006		Fe-59	1.90E+00	3.70E+00	1.30E+01
WS	51	L11728-0211/20/2006		I-131	5.80E+00	3.70E+00	1.20E+01
WS	51	L11728-0211/20/2006		K-40	2.64E+02	3.40E+01	7.70E+01 *
WS	51	L11728-0211/20/2006		La-140	-2.70E+00	4.10E+00	1.60E+01
WS	51	L11728-0211/20/2006		Mn-54	-1.90E+00	1.40E+00	5.50E+00
WS	51	L11728-0211/20/2006		Nb-95	1.00E+00	1.80E+00	6.40E+00
WS	51	L11728-0211/20/2006		Ru-103	-2.10E+00	1.60E+00	6.00E+00
WS	51	L11728-0211/20/2006		Ru-106	8.00E+00	1.20E+01	4.00E+01
WS	51	L11728-0211/20/2006		Sb-124	3.70E+00	3.30E+00	1.10E+01
WS	51	L11728-0211/20/2006		Sb-125	1.90E+00	3.30E+00	1.20E+01
WS	51	L11728-0211/20/2006		Se-75	5.00E-01	1.70E+00	5.90E+00
WS	51	L11728-0211/20/2006		Zn-65	-9.00E-01	3.40E+00	1.30E+01
WS	51	L11728-0211/20/2006		Zr-95	6.00E+00	2.60E+00	8.10E+00
WS	51	L11872-0212/20/2006		AcTh-228	0.00E+00	3.70E+00	1.30E+01
WS	51	L11872-0212/20/2006		Ag-108m	2.40E-01	7.20E-01	2.40E+00
WS	51	L11872-0212/20/2006		Ag-110m	-1.00E-01	1.20E+00	4.20E+00
WS	51	L11872-0212/20/2006		Ba-140	-1.90E+00	1.90E+00	7.20E+00
WS	51	L11872-0212/20/2006		Be-7	7.00E+00	7.30E+00	2.50E+01
WS	51	L11872-0212/20/2006		Ce-141	-2.50E+00	1.30E+00	4.50E+00
WS	51	L11872-0212/20/2006		Ce-144	-1.60E+00	4.40E+00	1.50E+01
WS	51	L11872-0212/20/2006		Co-57	-1.20E-01	5.50E-01	1.90E+00
WS	51	L11872-0212/20/2006		Co-58	-6.10E-01	8.40E-01	3.00E+00
WS	51	L11872-0212/20/2006		Co-60	1.24E+00	9.60E-01	3.20E+00
WS	51	L11872-0212/20/2006		Cr-51	8.60E+00	8.80E+00	2.90E+01
WS	51	L11872-0212/20/2006		Cs-134	1.40E-01	9.00E-01	3.10E+00
WS	51	L11872-0212/20/2006		Cs-137	-8.40E-01	9.10E-01	3.20E+00
WS	51	L11872-0212/20/2006		Fe-59	2.00E+00	2.10E+00	7.00E+00
WS	51	L11872-0212/20/2006		I-131	-8.00E-01	2.70E+00	9.10E+00
WS	51	L11872-0212/20/2006		K-40	3.48E+02	2.20E+01	4.70E+01 *
WS	51	L11872-0212/20/2006		La-140	-2.10E+00	2.20E+00	8.20E+00
WS	51	L11872-0212/20/2006		Mn-54	-1.10E-01	9.20E-01	3.20E+00
WS	51	L11872-0212/20/2006		Nb-95	1.90E+00	1.00E+00	3.40E+00
WS	51	L11872-0212/20/2006		Ru-103	6.10E-01	9.60E-01	3.20E+00
WS	51	L11872-0212/20/2006		Ru-106	1.87E+01	8.00E+00	2.60E+01
WS	51	L11872-0212/20/2006		Sb-124	-3.10E+00	2.50E+00	9.40E+00
WS	51	L11872-0212/20/2006		Sb-125	-3.70E+00	2.20E+00	7.70E+00
WS	51	L11872-0212/20/2006		Se-75	3.00E-01	1.10E+00	3.60E+00
WS	51	L11872-0212/20/2006		Zn-65	-3.00E+00	1.90E+00	7.10E+00
WS	51	L11872-0212/20/2006		Zr-95	1.10E+00	1.50E+00	5.20E+00
WS	51	L12045-0212/20/2006		H-3	-3.10E+02	4.40E+02	1.30E+03

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement