NEXTera ENERGY SEABROOK

April 27, 2010

Docket No. 50-443
SBK-L-10082

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Seabrook Station
2009 Annual Radiological Environmental Operating Report

Pursuant to the requirements of 10 CFR 50.36a(a)(2) and Seabrook Station Technical Specification 6.8.1.3, NextEra Energy Seabrook, LLC submits the 2009 Annual Radiological Environmental Operating Report. The report summarizes the implementation of the NextEra 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. William Meyer, Radiation Protection Manager, at (603) 773-7626.

Sincerely,

NextEra Energy Seabrook, LLC

Michael O'Keefe
Licensing Manager

IE25
NRR

cc: with enclosure

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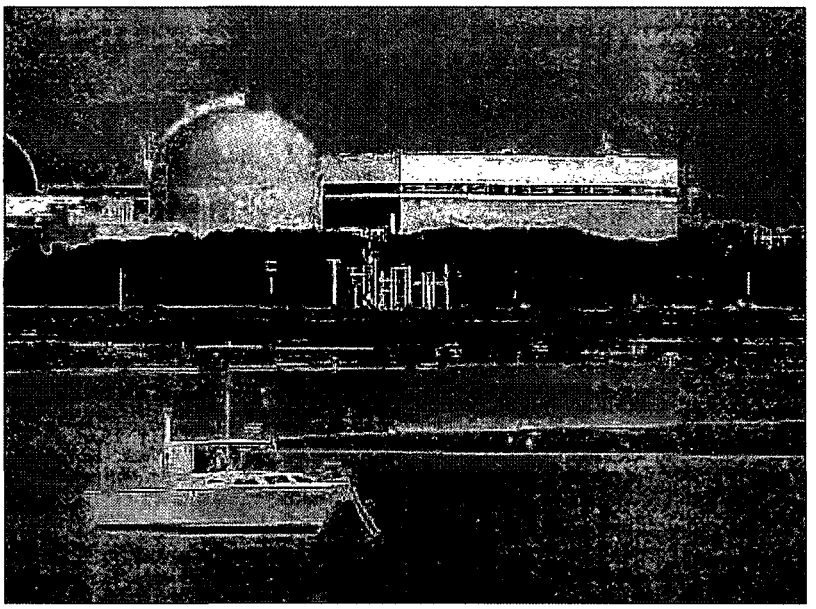
NEXTera ENERGY SEABROOK

2009 Annual Radiological Environmental Operating Report



April 2010

SEABROOK STATION

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

For the Period

January - December 2009

Docket No. 50-443

Prepared By:

NextEra Energy Seabrook, LLC
Health Physics Department
Seabrook Station

And

AREVA NP
Nuclear & Radiation Engineering
Marlborough, Massachusetts 01752

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Approved By: W J Meyer Date: 4/20/10

William Meyer, NextEra Energy Seabrook, LLC

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Executive Summary

Both the plant operations and Dry Fuel Storage Radiological Environmental Monitoring Programs (REMP) for Seabrook Station operated successfully for the period of January through December 2009. 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, 2009 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, is 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 plant operations REMP (broad leaf vegetation substituted for lack of sufficient milk locations) includes the collection of 564 samples per year, with a total of 2128 individual measurement analyses. In 2009, the total number of collected samples (both required and non-required) equaled 958 taken from 103 locations around Seabrook Station. These included aquatic, atmospheric, and terrestrial environments. An estimated 6064 individual measurement analyses were performed on these samples. The plant operations radiological environmental monitoring program is outlined in Table 2.0-1. Radiation environmental monitoring associated with Dry Fuel Storage (DFS) identified 18 direct radiation measurements using environmental TLDs in 2009. The DFS environmental monitoring program is shown on Table 4.0-1.

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:

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

Based on the analytical results of environmental samples during 2009, Seabrook Station reporting levels were not exceeded.

All off-site radioactivity detected was attributable to either natural occurring radionuclides, previous nuclear weapons tests or other man-made sources.

In 2009, the maximum whole body dose to the hypothetically exposed individual was 0.0258 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 0.10% 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, natural 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 2009 results were similar to previous years. There was no notable increase in natural products and no detectable fission products or other plant related radionuclides in the airborne particulate media during the year.

- The direct exposure pathway measures environmental radiation exposures by use of thermoluminescent dosimeters (TLDs). TLD results have indicated a stable trend and compare well with previous years which reflect the natural variability of background radiation from one location to another. No significant radiation contribution from Seabrook Station sources were identified via TLD environmental measurements off-site during the course of 2009 from either plant operations or from the spent fuel in the Dry Fuel Storage Facility which began operations with the first fuel load in mid-2008 (July 28).

- The ingestion exposure pathway includes milk, fish and food products and leafy vegetation samples. The gamma spectroscopy counting indicated positive results for potassium-40 (K-40) at average environmental levels. No plant related radionuclides were detected in any of these sample media during 2009.

- 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 all 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. There were, however, one instances where Iodine -131 was detected in control area sea algae sample (17.4 km distance from the Station). An evaluation of the sample concluded that the low level of I-131 was not related to Seabrook due to the distance (water borne dilution), short half-life of the radionuclide, and lack of any indication that Seabrook had released any detectable I-131 in liquids releases during the year prior to the date of the observed positive iodine in algae.

The results of the 2009 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 or any impact to members of the public associated with the DFS facility. 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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1.0 Introduction

NextEra Energy Seabrook, LLC's Radiological Environmental Monitoring Program consist of two interconnected sample collection and measurement schedules that look for environmental influences from: (1) plant operations which release to the environment radioactive materials in liquid and gaseous effluents, and direct radiation from plant facilities inside the power block Protected Area, and (2) direct radiation from used fuel placed in the Dry Fuel Storage (DFS) facility located in the West Southwest sector approximately 0.38 miles from the Containment Building. Several monitoring locations provide data that are shared or used in the assessment of both plant and DFS operations

The plant operations 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.

In July, 2008, the plant operations REMP was supplemented with the DFS environmental monitoring for direct radiation when used nuclear fuel assemblies were for the first time transferred to the on-site DFS facility located WSW of the power block.

NextEra Energy Seabrook, LLC staff 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 Westborough, 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 2009. 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 Plant Operations Environmental Monitoring Program

Table 2.0-1 outlines the plant operations monitoring program as specified in the Seabrook Station ODCM, Part B, Section 4. Table 2.0-2 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 2.0-1

Plant Operations Radiological Environmental Monitoring Program

Media	Sampling Frequency	Required Analyses
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 2.0-2

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2009

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-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's 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	2	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
FH-E1	Intake Impingement Screens	1	On-Site	
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 2.0-2 (Cont'd)

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2009

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-01+	Brimmer's Lane, Hampton Falls	I	1.0	N
TL-02+	Landing Road, Hampton	I	3.0	NNE
TL-03+	Glade Path, Hampton Beach	I	2.9	NE
TL-04+	Island Path, Hampton Beach	I	2.3	ENE
TL-05+	Harbor Road, Hampton Beach	I	2.6	E
TL-06+	PSNH Barge Landing Area	I	2.7	ESE
TL-07+	Cross Road, Seabrook Beach	I	2.6	SE
TL-08+	Farm Lane, Seabrook	I	1.3	SSE
TL-09+	Farm Lane, Seabrook	I	1.3	S
TL-10+	Site Boundary Fence	I	1.2	SSW
TL-11+	Site Boundary Fence	I	1.0	SW
TL-12+	Site Boundary Fence	I	1.2	WSW
TL-13+	Inside Site Boundary	I	1.2	W
TL-14+	Trailer Park, Seabrook	I	1.1	WNW
TL-15+	Brimmer's Lane, Hampton Falls	I	1.3	NW
TL-16+	Brimmer's Lane Hampton Falls	I	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 2.0-2 (Cont'd)

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2009

Station Code (Media - Sta. No.)	Station Description	Zone	Distance From Plant (km)	Direction From Plant
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	Rocks Road Landing	S	0.3	ENE
TL-44	Education (Science & Nature) Center	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)

(a) Dry Fuel Storage (DFS) locations are listed on Table 4.0-1.

(b) Table reflects those locations included in the 2009 sample collection program.

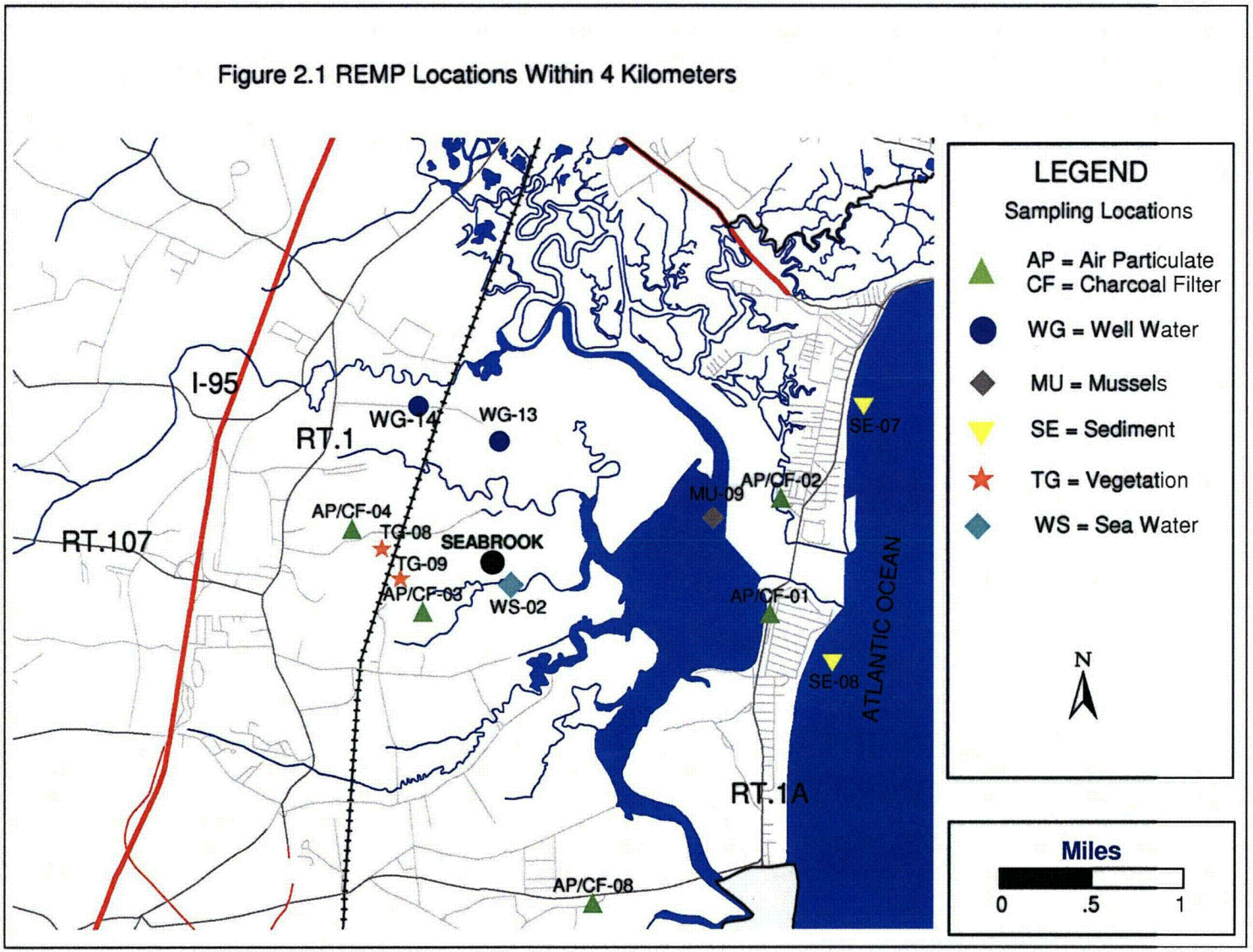


Figure 2.1 Radiological Environmental Monitoring Locations Within 4 Kilometers of Seabrook Station

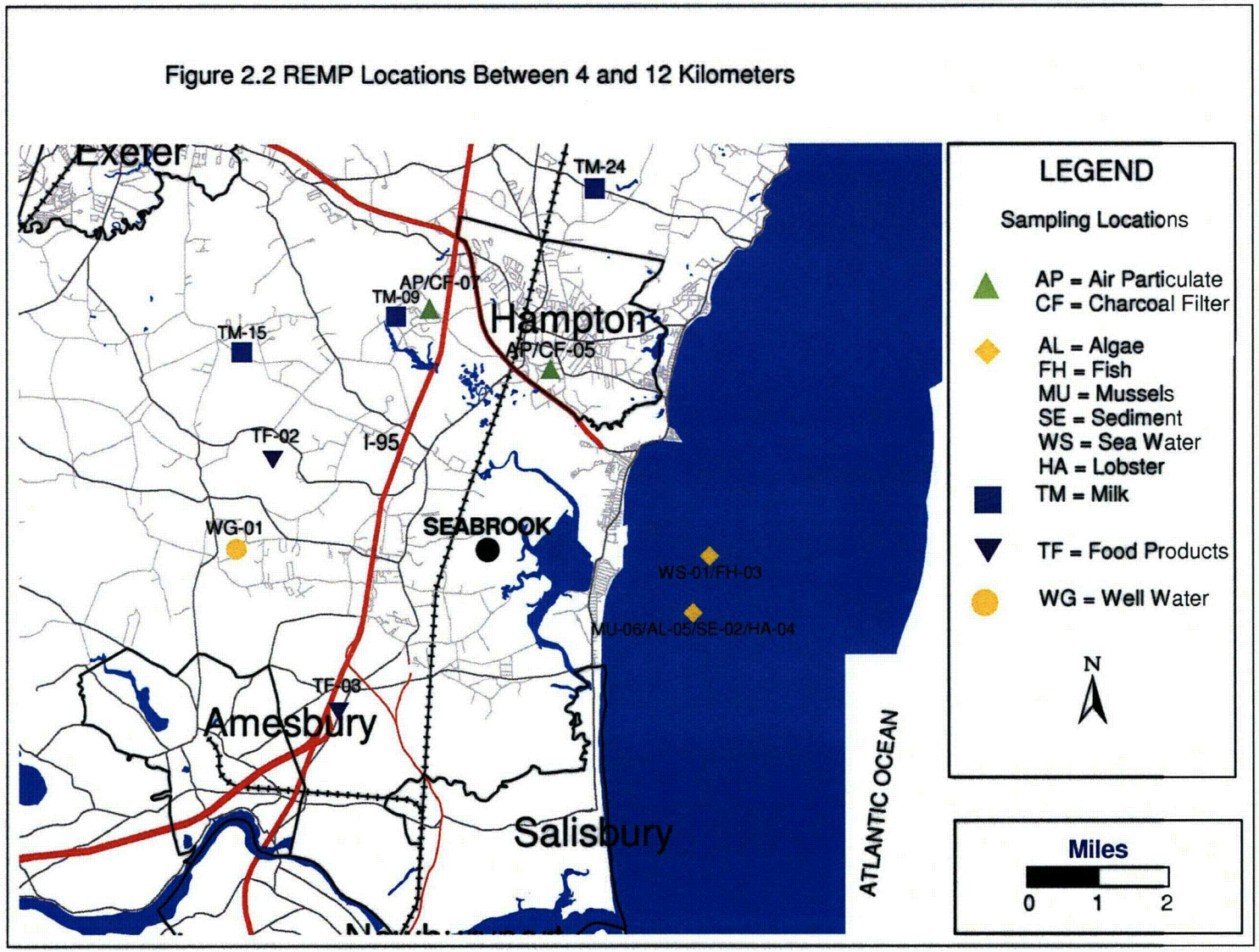


Figure 2.2 Radiological Environmental Monitoring Locations Between 4 & 12 Kilometers of Seabrook Station

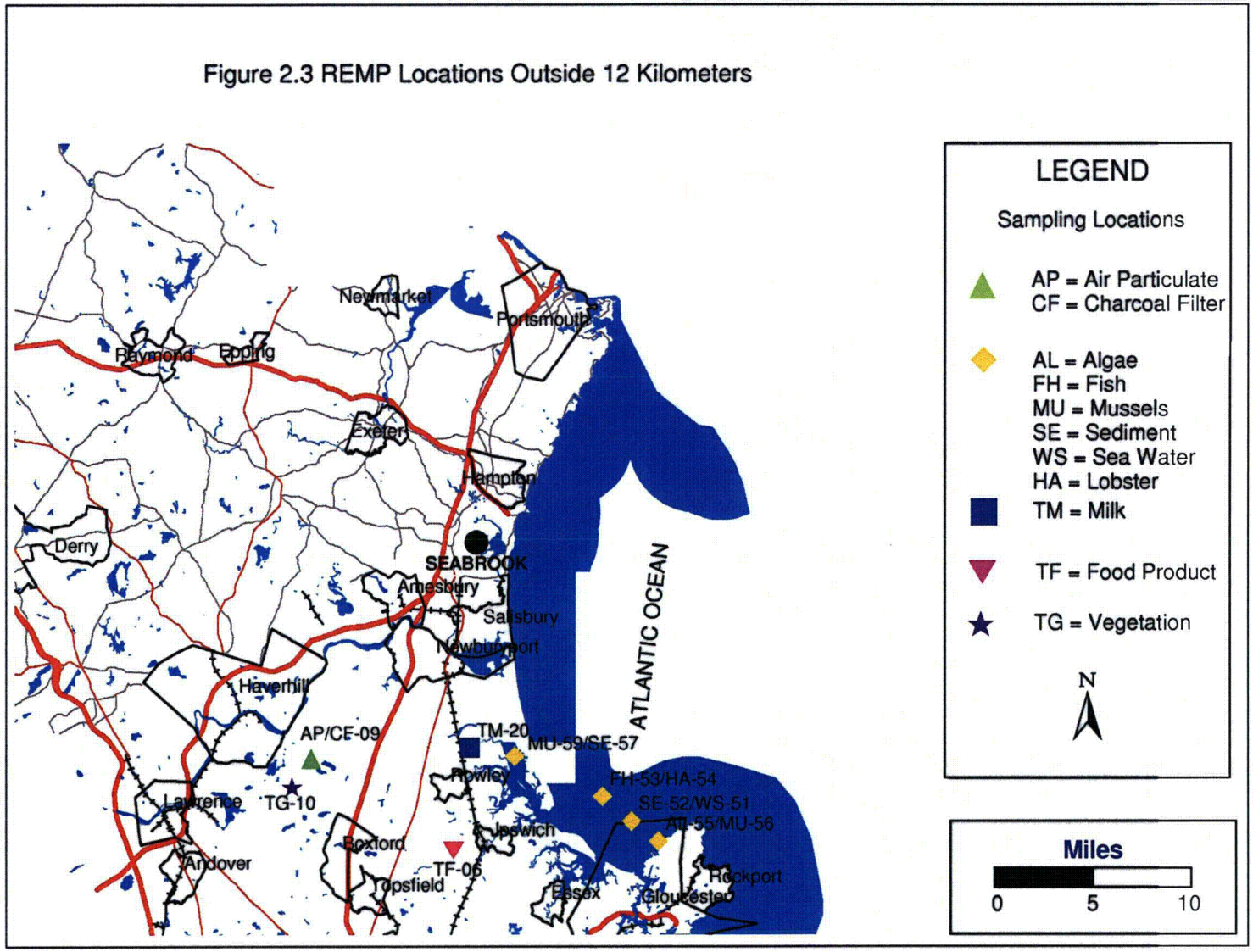


Figure 2.3 Radiological Environmental Monitoring Locations Outside 12 Kilometers of Seabrook Station

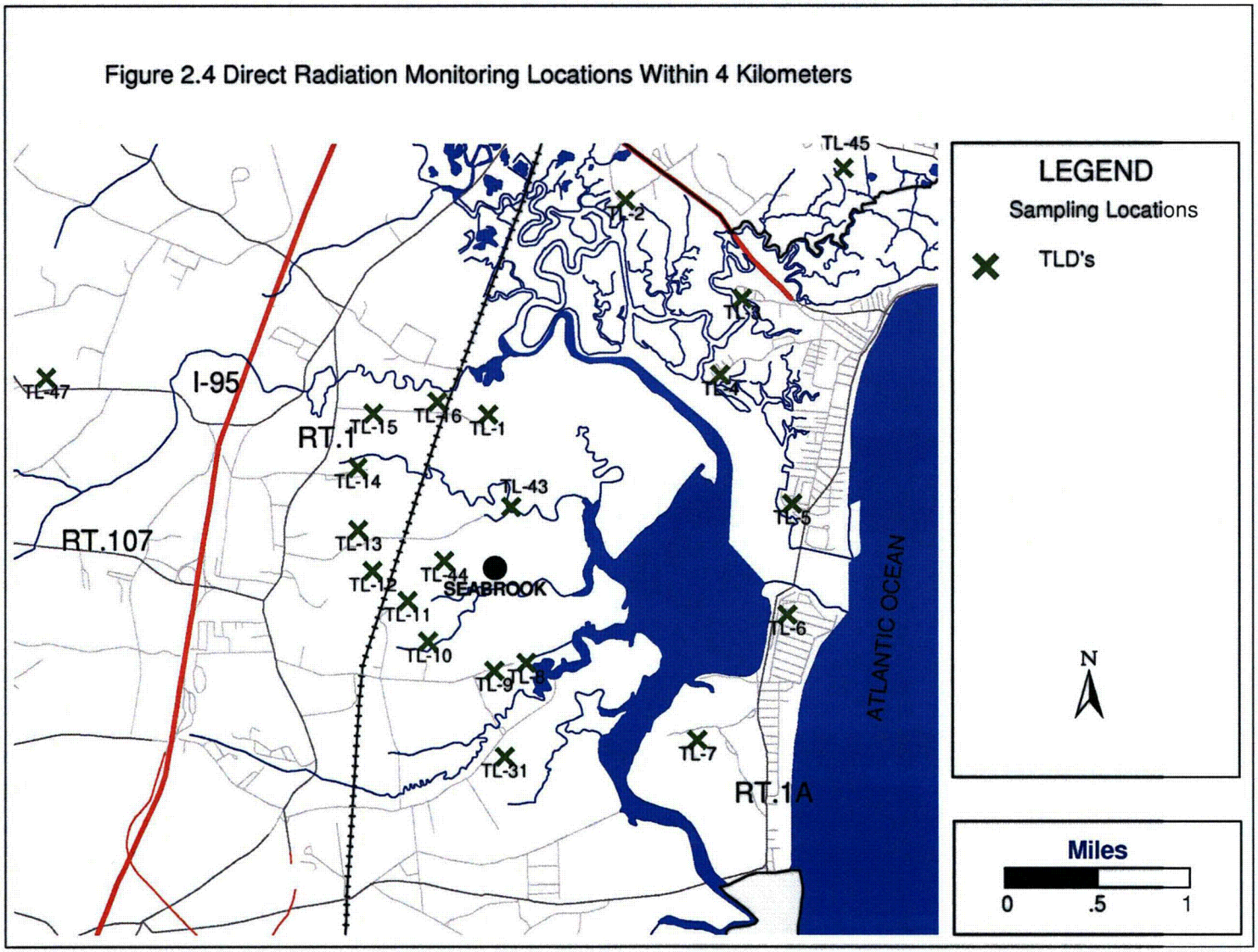


Figure 2.4 Direct Radiation Monitoring Locations Within 4 Kilometers of Seabrook Station

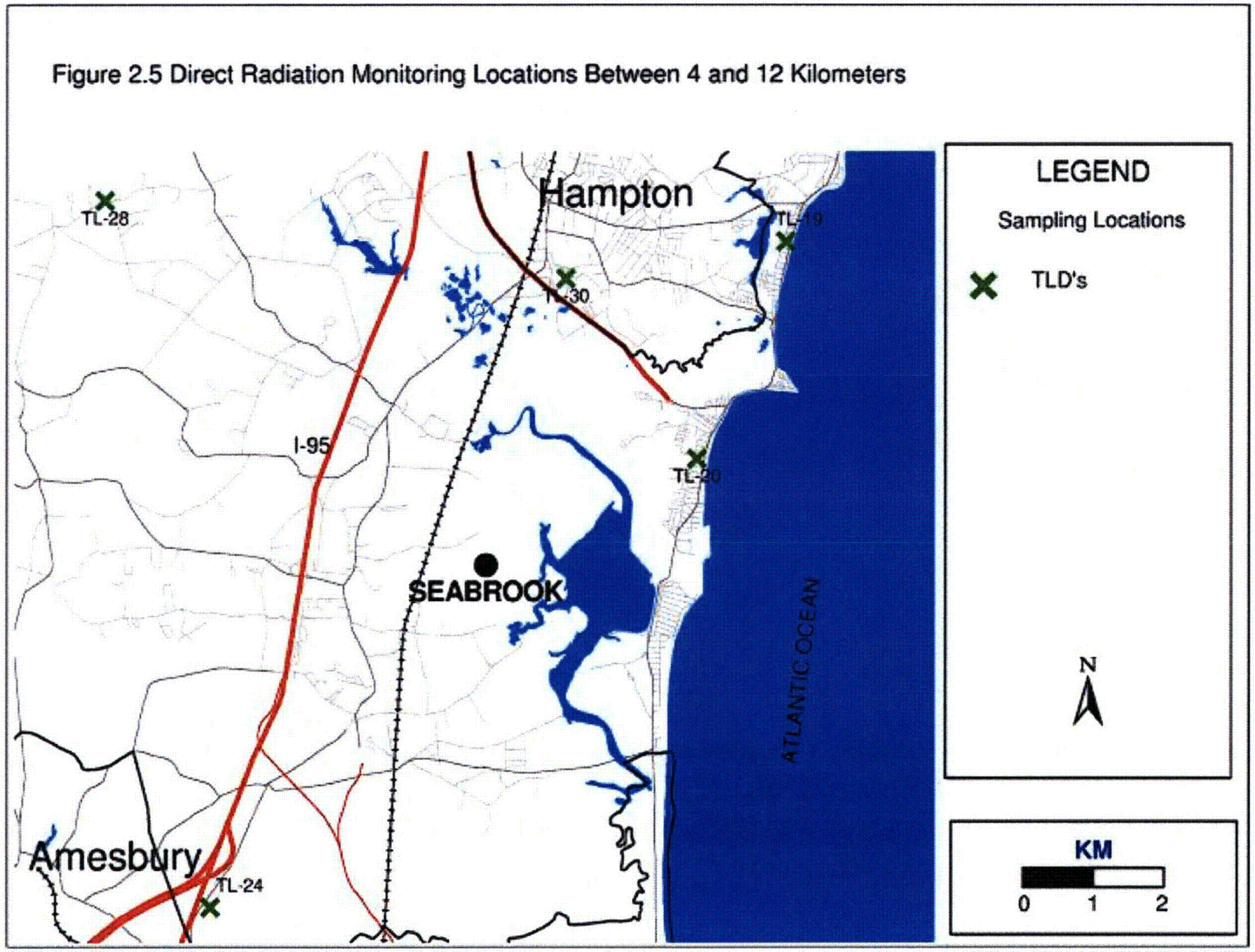


Figure 2.5 Direct Radiation Monitoring Locations Between 4 & 12 Kilometers of Seabrook Station

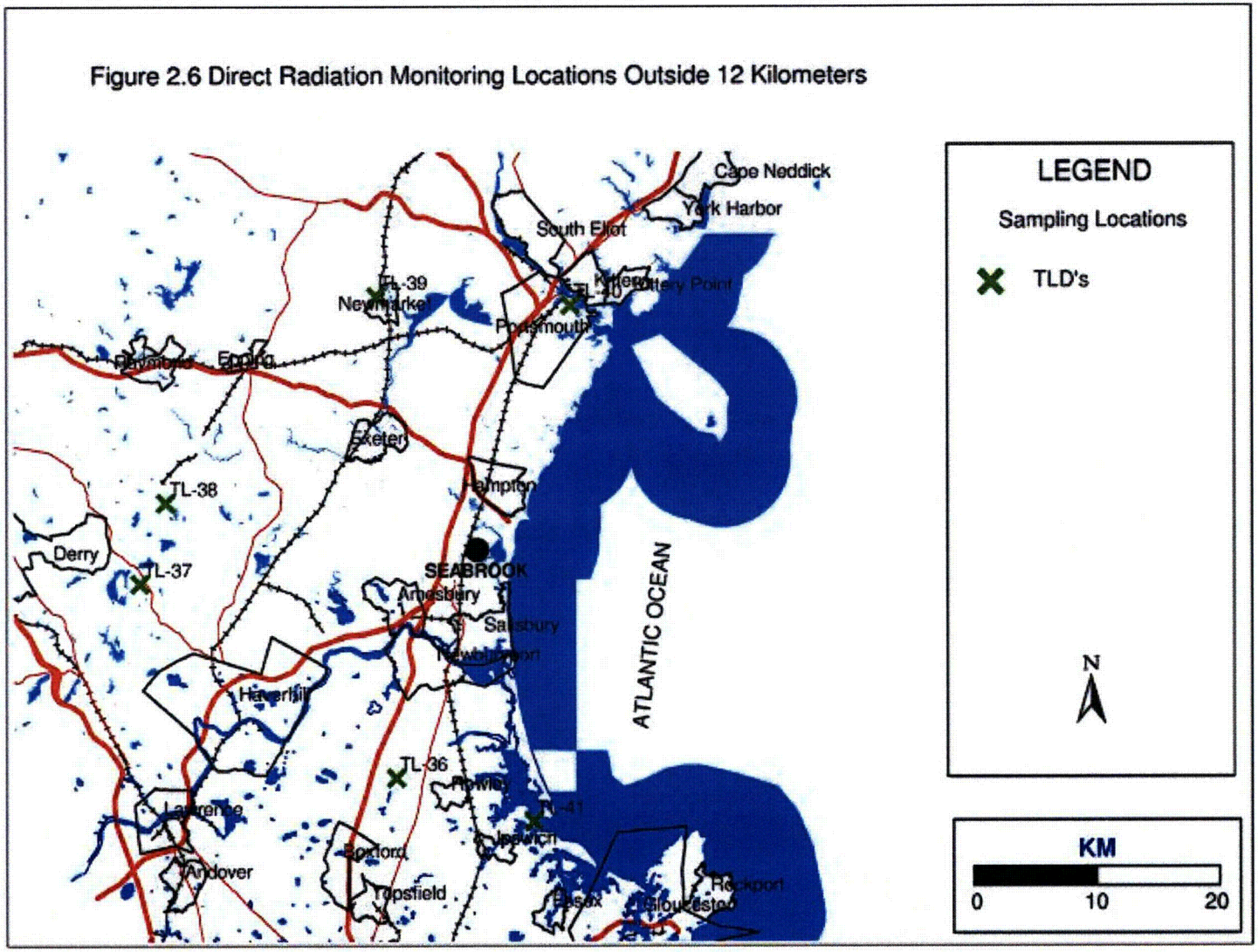


Figure 2.6 Direct Radiation Monitoring Locations Outside 12 Kilometers of Seabrook Station

3.0 Summary of Plant Operations Radiological Environmental Monitoring Data

The following pages summarize the analytical results of the plant operations environmental samples, which were collected in 2009. 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.

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 2009. 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, six locations required by the ODCM with two additional sites included to supplement the program. Seven of the locations are indicators; while the remaining one is a control station located more than 21 km away from the plant.

Airborne particulate (AP) is collected by passing the air through a glass-fiber filter. In 2009, 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 unidentified 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 2009. For the year, 208 particulate filters were collected bi-weekly and analyzed for gross beta activity.

The 2009 gross beta activity analyses for the indicator locations were found to be statistically equivalent to that seen at the control station. The gross beta results are also similar to what was seen in the pre-operational program and for the last twenty years of commercial operation. All filter samples from all stations showed similar trends lines (see Figure 3.1) over the course of the year and from previous years (see Figures 3.1.1, 3.1.2, and 3.1.3). Figure 3.2 compares the quarterly average gross beta response of all indicator air sampling stations to the control location over the last 15 years, which shows no significant difference in the two data sets. It is also noted that no plant related radionuclides were identified in any of the quarterly filter composite samples. The overall fluctuations at all stations seen in the gross beta activity throughout the year can be attributed to changes in the environmental conditions. Natural environmental processes such as wind direction, precipitation, snow cover, and soil temperature and moisture affect concentrations of natural 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 2009, natural occurring Be-7 was the only radionuclide detected. Be-7 is of cosmogenic origin. This is consistent with previous years both pre- and operational periods.

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. The REMP Summary Table 3.1-1 list the range of analysis results by radionuclide for Indicator and Control Stations for the air particulate environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of air particulates under the Sample Type code AP.

Air particulate sample collection and analysis deviations from the ODCM required program are described in Section 5. A total of 9 deviations were recorded for interruptions in continuous air sampler operation which were detected by telemetry. All 9 of the interruptions were the result of loss of supply line power to the units which were corrected when power was restored. Two of the interruptions were the result of power being removed temporarily to permit maintenance work to be performed safely.

FIGURE 3.1

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS
SEABROOK STATION

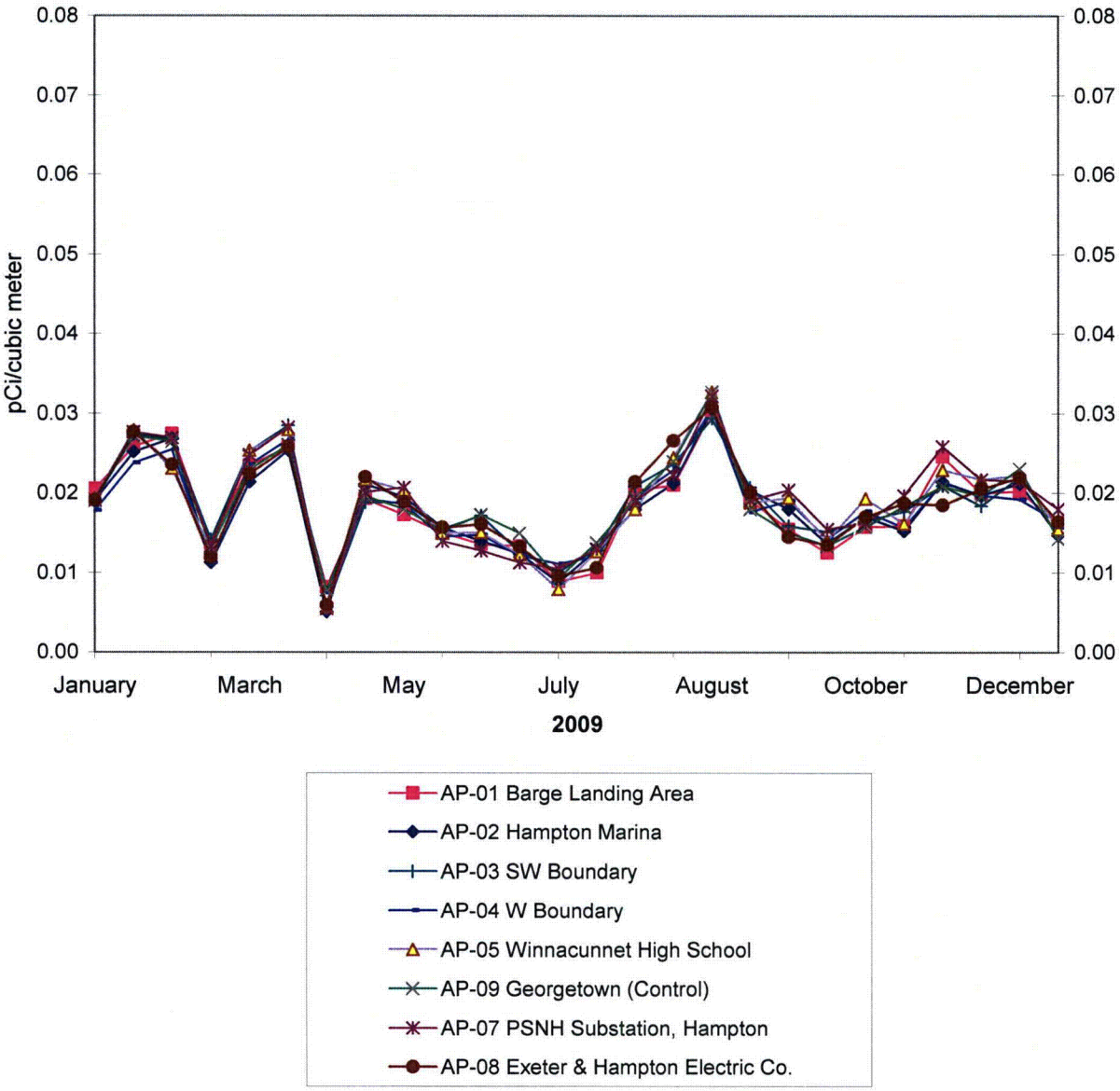


FIGURE 3.1.1

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

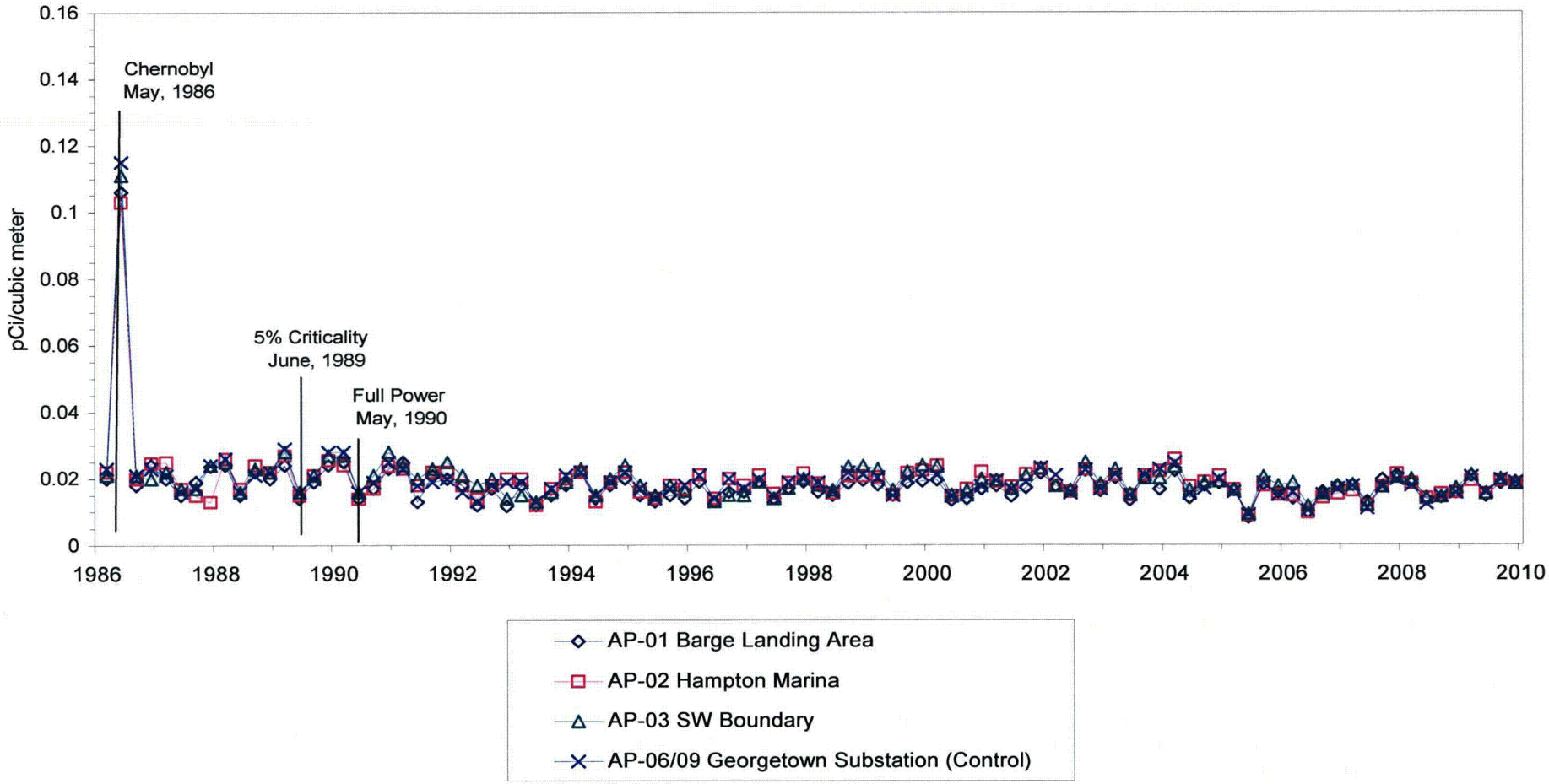


FIGURE 3.1.2

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

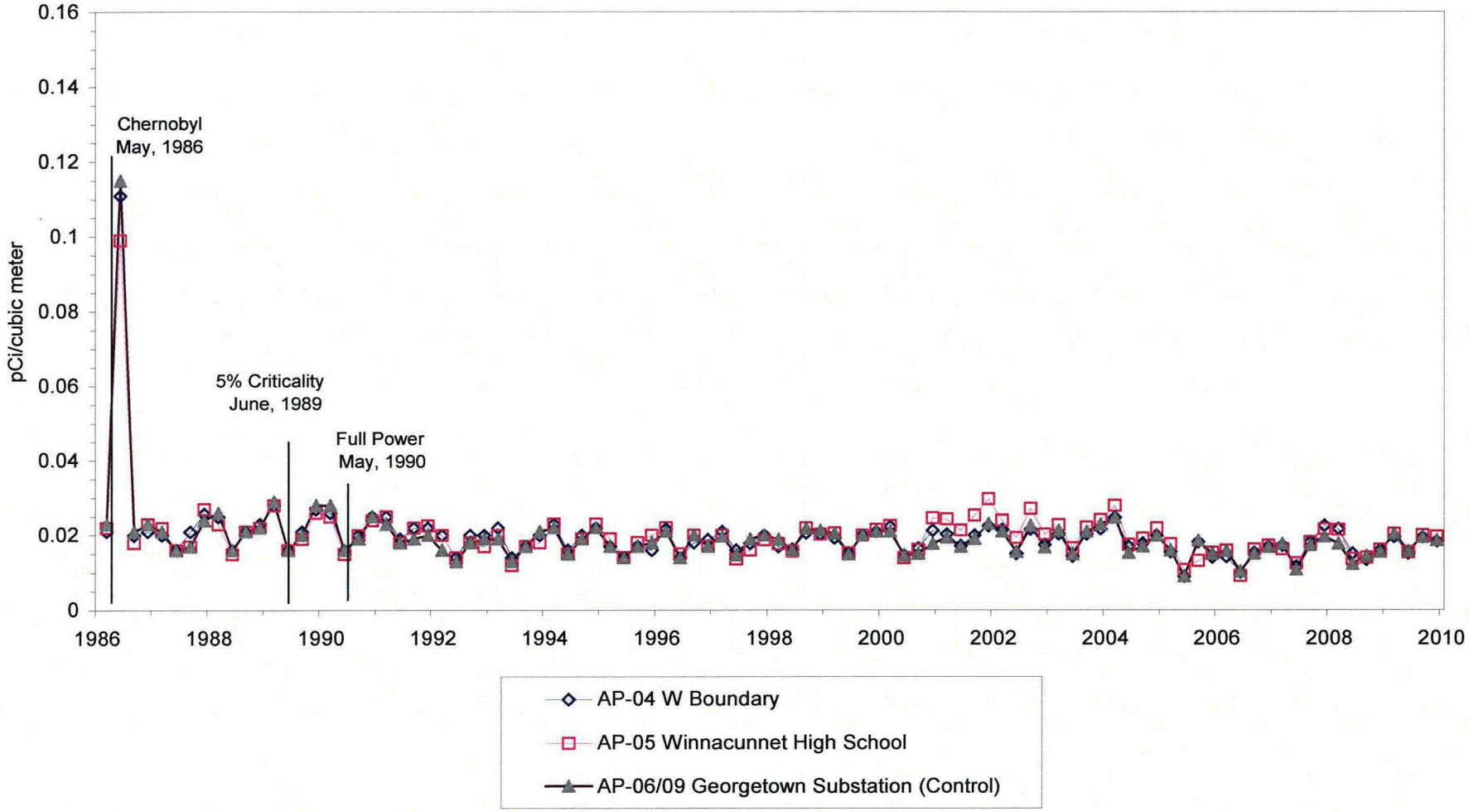


FIGURE 3.1.3

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

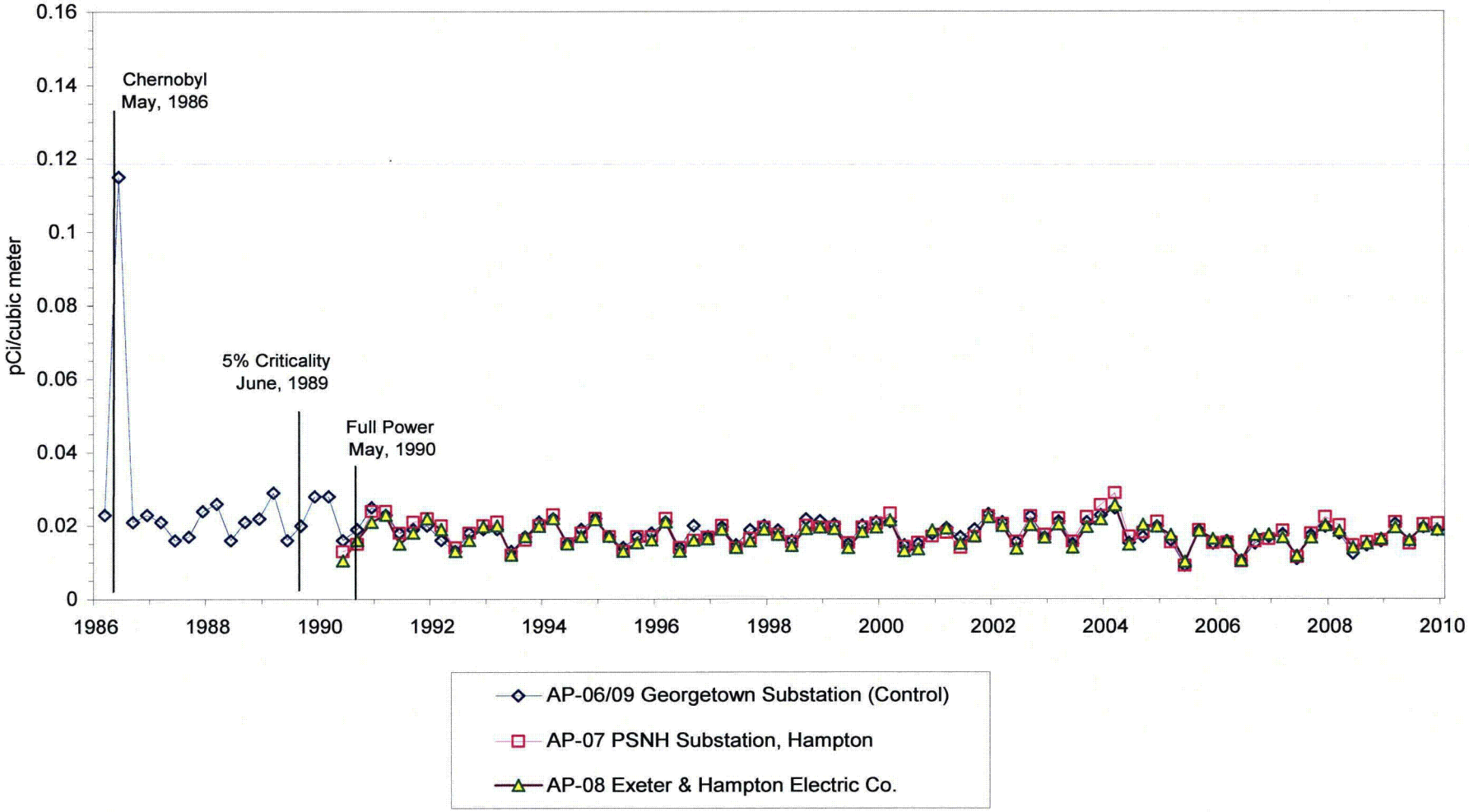


FIGURE 3.2

GROSS-BETA ON AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION

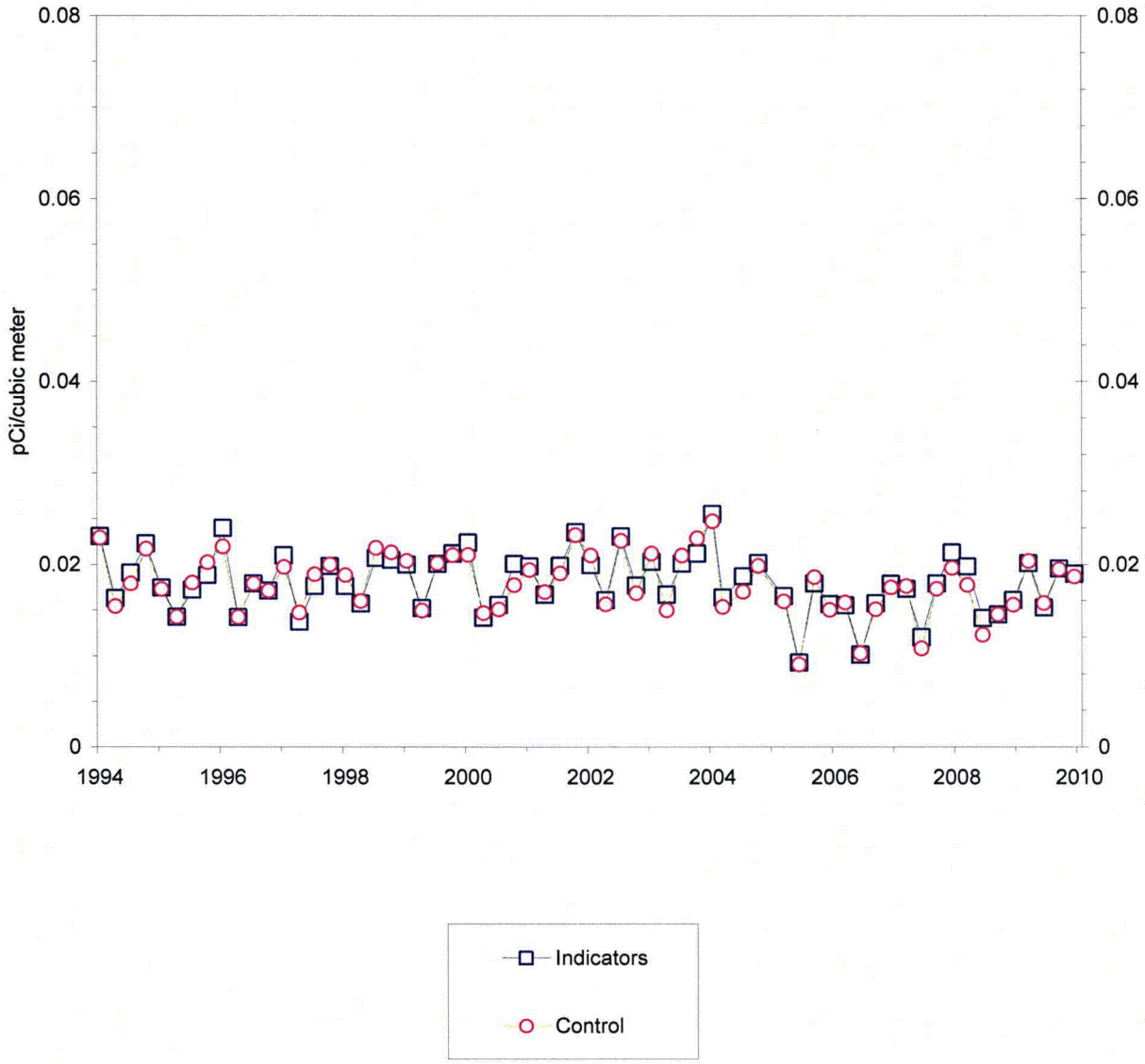


Table 3.1-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
GR-B	(208)	0.01	1.9E -2	07	1.9E -2	1.9E -2
	(0)		(5.1 - 32.7)E -3 (182/ 182)		(5.5 - 32.2)E -3 (26/ 26)	(7.8 - 32.7)E -3 (26/ 26)
Be-7	(32)		1.1E -1	09	1.3E -1	1.3E -1
	(0)		(6.5 - 15.8)E -2 (28/ 28)		(1.1 - 1.5)E -1 (4/ 4)	(1.1 - 1.5)E -1 (4/ 4)
K-40	(32)		1.5E -3	09	5.9E -3	5.9E -3
	(0)		(-9.1 - 10.2)E -3 (0/ 28)		(1.0 - 18.0)E -3 (0/ 4)	(1.0 - 18.0)E -3 (0/ 4)
Cr-51	(32)		-5.6E -4	09	8.1E -3	8.1E -3
	(0)		(-3.5 - 2.3)E -2 (0/ 28)		(2.5 - 15.0)E -3 (0/ 4)	(2.5 - 15.0)E -3 (0/ 4)
Mn-54	(32)		-8.0E -5	07	1.8E -4	-1.3E -4
	(0)		(-7.3 - 5.5)E -4 (0/ 28)		(2.0 - 55.0)E -5 (0/ 4)	(-9.8 - 2.8)E -4 (0/ 4)
Co-57	(32)		-4.3E -5	03	1.1E -4	-5.3E -5
	(0)		(-2.9 - 3.2)E -4 (0/ 28)		(0.0 - 1.8)E -4 (0/ 4)	(-1.0 - 0.2)E -4 (0/ 4)
Co-58	(32)		1.3E -4	04	7.5E -4	3.9E -4
	(0)		(-6.8 - 13.9)E -4 (0/ 28)		(4.9 - 13.9)E -4 (0/ 4)	(3.0 - 84.0)E -5 (0/ 4)
Fe-59	(32)		1.2E -4	08	1.5E -3	-2.2E -4
	(0)		(-2.9 - 4.0)E -3 (0/ 28)		(-1.0 - 40.0)E -4 (0/ 4)	(-2.1 - 0.8)E -3 (0/ 4)
Co-60	(32)		3.7E -5	09	2.1E -4	2.1E -4
	(0)		(-6.2 - 4.6)E -4 (0/ 28)		(-2.4 - 6.9)E -4 (0/ 4)	(-2.4 - 6.9)E -4 (0/ 4)
Zn-65	(32)		-4.4E -4	02	-1.1E -4	-2.7E -4
	(0)		(-1.7 - 1.1)E -3 (0/ 28)		(-9.3 - 11.0)E -4 (0/ 4)	(-1.1 - 0.2)E -3 (0/ 4)
Se-75	(32)		0.0E 0	07	2.4E -4	-4.0E -5
	(0)		(-1.3 - 0.9)E -3 (0/ 28)		(-4.7 - 9.2)E -4 (0/ 4)	(-6.5 - 3.7)E -4 (0/ 4)
Zr-95	(32)		-2.3E -4	03	4.0E -4	7.5E -5
	(0)		(-2.4 - 1.5)E -3 (0/ 28)		(-6.0 - 11.0)E -4 (0/ 4)	(-1.3 - 1.7)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.

Table 3.1-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103 (32) (0)		-3.8E -5 (-1.8 - 1.8)E -3 (0/ 28)	03	7.6E -4 (5.4 - 12.9)E -4 (0/ 4)	-1.3E -4 (-4.8 - 2.6)E -4 (0/ 4)
Ru-106 (32) (0)		3.5E -4 (-5.9 - 7.3)E -3 (0/ 28)	04	1.8E -3 (-7.0 - 73.0)E -4 (0/ 4)	6.0E -4 (-2.3 - 4.8)E -3 (0/ 4)
Ag-108m (32) (0)		-3.0E -5 (-4.0 - 4.3)E -4 (0/ 28)	07	1.1E -4 (-1.2 - 4.1)E -4 (0/ 4)	2.0E -5 (-7.0 - 12.0)E -5 (0/ 4)
Ag-110m (32) (0)		1.2E -4 (-1.0 - 1.0)E -3 (0/ 28)	07	4.1E -4 (-4.9 - 10.3)E -4 (0/ 4)	1.8E -4 (-3.4 - 4.2)E -4 (0/ 4)
Sb-124 (32) (0)		-2.0E -4 (-2.3 - 3.7)E -3 (0/ 28)	01	5.1E -4 (-1.0 - 3.7)E -3 (0/ 4)	-2.0E -3 (-3.3 - -0.2)E -3 (0/ 4)
Sb-125 (32) (0)		-2.0E -4 (-1.6 - 1.0)E -3 (0/ 28)	09	3.9E -4 (-7.5 - 11.5)E -4 (0/ 4)	3.9E -4 (-7.5 - 11.5)E -4 (0/ 4)
I-131 (32) (0)		1.6E -2 (-8.7 - 19.0)E -2 (0/ 28)	07	5.4E -2 (-7.0 - 190.0)E -3 (0/ 4)	-1.2E -2 (-8.2 - 4.1)E -2 (0/ 4)
Cs-134 (32) (0)	0.05	-1.8E -5 (-3.5 - 3.4)E -4 (0/ 28)	04	8.3E -5 (-1.9 - 3.4)E -4 (0/ 4)	4.5E -5 (-1.5 - 2.1)E -4 (0/ 4)
Cs-137 (32) (0)	0.06	-1.8E -5 (-5.8 - 4.8)E -4 (0/ 28)	02	1.0E -4 (-8.0 - 35.0)E -5 (0/ 4)	-1.2E -4 (-3.3 - 1.6)E -4 (0/ 4)
Ba-140 (32) (0)		3.3E -3 (-1.5 - 3.6)E -2 (0/ 28)	02	1.3E -2 (-5.0 - 360.0)E -4 (0/ 4)	1.0E -2 (-7.6 - 22.0)E -3 (0/ 4)
Ce-141 (32) (0)		-2.3E -4 (-2.2 - 2.5)E -3 (0/ 28)	03	4.4E -4 (-3.3 - 8.0)E -4 (0/ 4)	-1.2E -3 (-2.3 - -0.4)E -3 (0/ 4)
Ce-144 (32) (0)		-1.9E -4 (-2.7 - 2.3)E -3 (0/ 28)	05	7.8E -4 (-1.2 - 2.3)E -3 (0/ 4)	4.7E -5 (-7.1 - 13.0)E -4 (0/ 4)
Th-232 (32) (0)		4.3E -5 (-2.6 - 2.8)E -3 (0/ 28)	05	1.3E -3 (1.9 - 22.0)E -4 (0/ 4)	7.3E -4 (-6.0 - 25.0)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 behind the air particulate glass-fiber filters at each of the air sampling locations. 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/m^3.

During 2009, a total of 208 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 were biweekly during 2009. 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 time to the detection sensitivity of 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. Therefore, no increasing or decreasing trends were observed. The potential organ doses from iodine in gaseous effluents if assumed to be released at the MDA are well below the 10CFR50, Appendix I dose criteria.

The REMP Summary Table 3.2-1 list the range of analysis results for iodine (I-131) at both Indicator and Control Stations. Attachment 1 to this report lists the individual analysis results for each air sample measurement under the Sample Type code CF.

Charcoal filter sample collection and analysis deviations from the ODCM required program are described in Section 5. A total of 9 minor interruptions in the continuous collection were recorded, but no loss of sufficient sample volume or filter elements themselves which would have prevented radiological analysis occurred.

Table 3.2-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations: Mean Range (No. Detected**)	Station With Highest Mean: Station	Station With Highest Mean: Mean Range (No. Detected**)	Control Stations: Mean Range (No. Detected**)
I-131 (208) (0)	0.07	0.0E 0 (-1.1 - 0.8)E -2 (0/ 182)	03	1.0E -3 (-9.0 - 8.0)E -3 (0/ 26)	-6.7E -4 (-9.6 - 6.0)E -3 (0/ 26)

* 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 2009 Land Use Census, the number of available sample locations required by the ODCM sampling program could not be met (no available milk within 5 km, and as of September, 2009, only one milk location between 5 and 8 km). The Land Use Census (See Section 7.0) identified that the milk sampling location TM-09 (NNW at 5.3 km) went out of business in September. 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 Land Use Census also identified a 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 has indicated that it could not provide a reliable source of milk throughout the year. Six samples were collected over 3 months in 2009 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 55 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 low levels of I-131 through an iodine extraction process. With only one exception, the gamma analyses on samples indicated that only natural occurring potassium-40 was detectable in milk in 2009. As the exception for 2009, one milk sample had a detectable concentration of Cs-137 at a level (9.39 pCi/kg at TM-24 on July 29) comparable to past pre-operational measurements. In addition, no other terrestrial samples collected in the site area found cesium, nor was any detectable 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 and 3.4.1 illustrate the analysis results (without regard to whether individual analysis indicated detectable or statistically not distinguishable concentrations) for Cs-137 in milk over the current year (2009) and previous years of the Seabrook REMP.

Potassium-40 was detected in all indicator and control location samples. Potassium-40 is a natural 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. No increasing or decreasing trends in the radioactivity content of milk were observed .

The postulated maximum organ dose associated with Cs-137 in milk from the location that demonstrated the highest potential level of Cesium was conservatively estimated to be only 0.85 mrem/year (infant liver). This estimate assumes that the entire years' intake was at an equivalent Cs-137 concentration equal to the one positive detectable sample plus the average minimum detectable activity (MDA) level achieved by the laboratory analysis (4.1 pCi/kg for location TM-24) for the 6 samples collected during the year. The assumed ingestion rate was taken from Regulatory Guide 1.109, Rev. 1, Table E-5 for the maximum exposed individual. The MDA does not imply that Cs-137 was actually present in the milk samples, only that testing could not detect any positive activity down to that limit of the measurement system.

The REMP Summary Table 3.3-1 list the range of analysis results by radionuclide for Indicator and Control Stations for the milk. Attachment 1 to this report lists the individual analysis results for each measurement of milk under the Sample Type code TM.

FIGURE 3.3

CESIUM-137 IN MILK
SEABROOK STATION

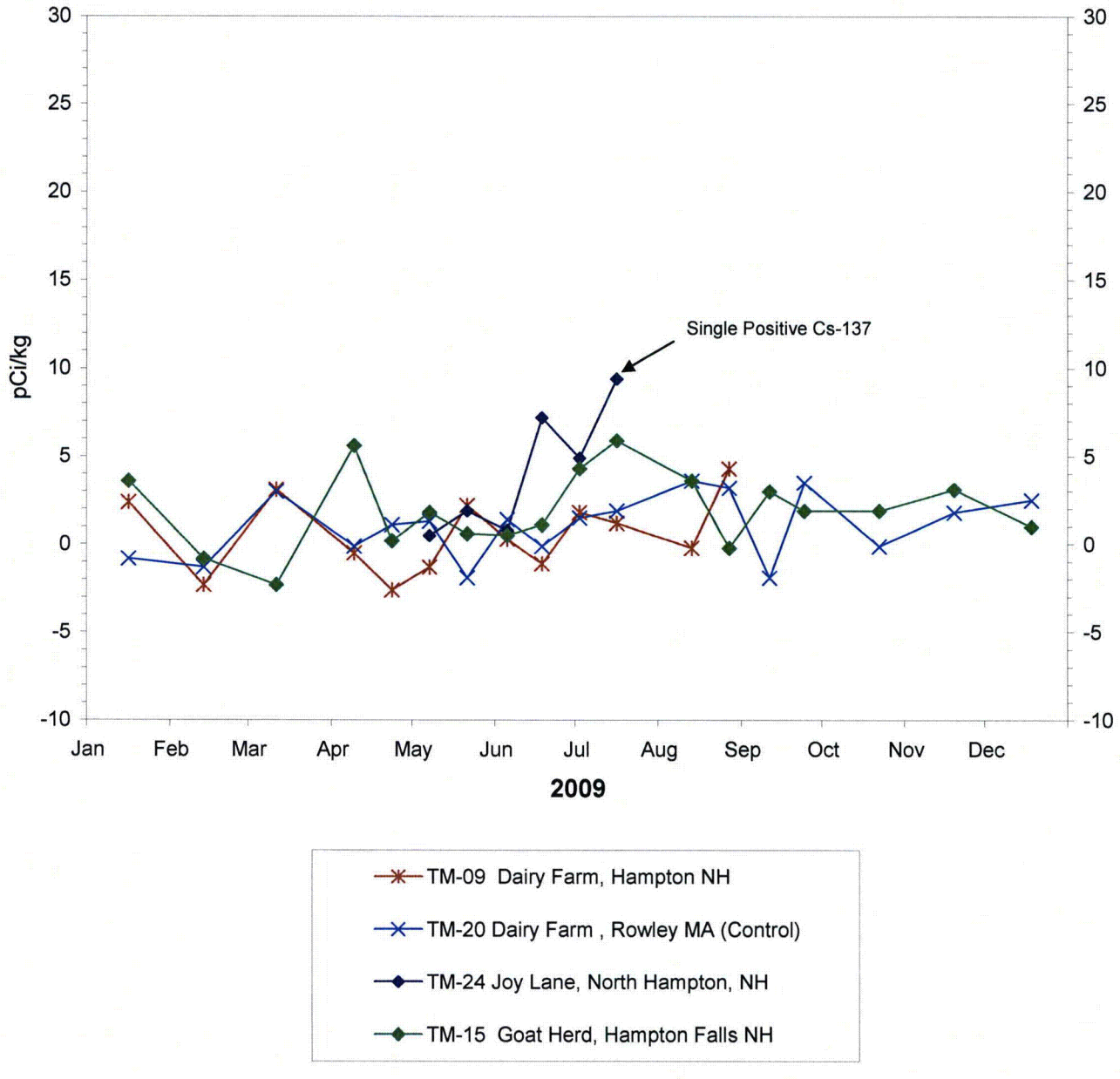


FIGURE 3.3.1

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS

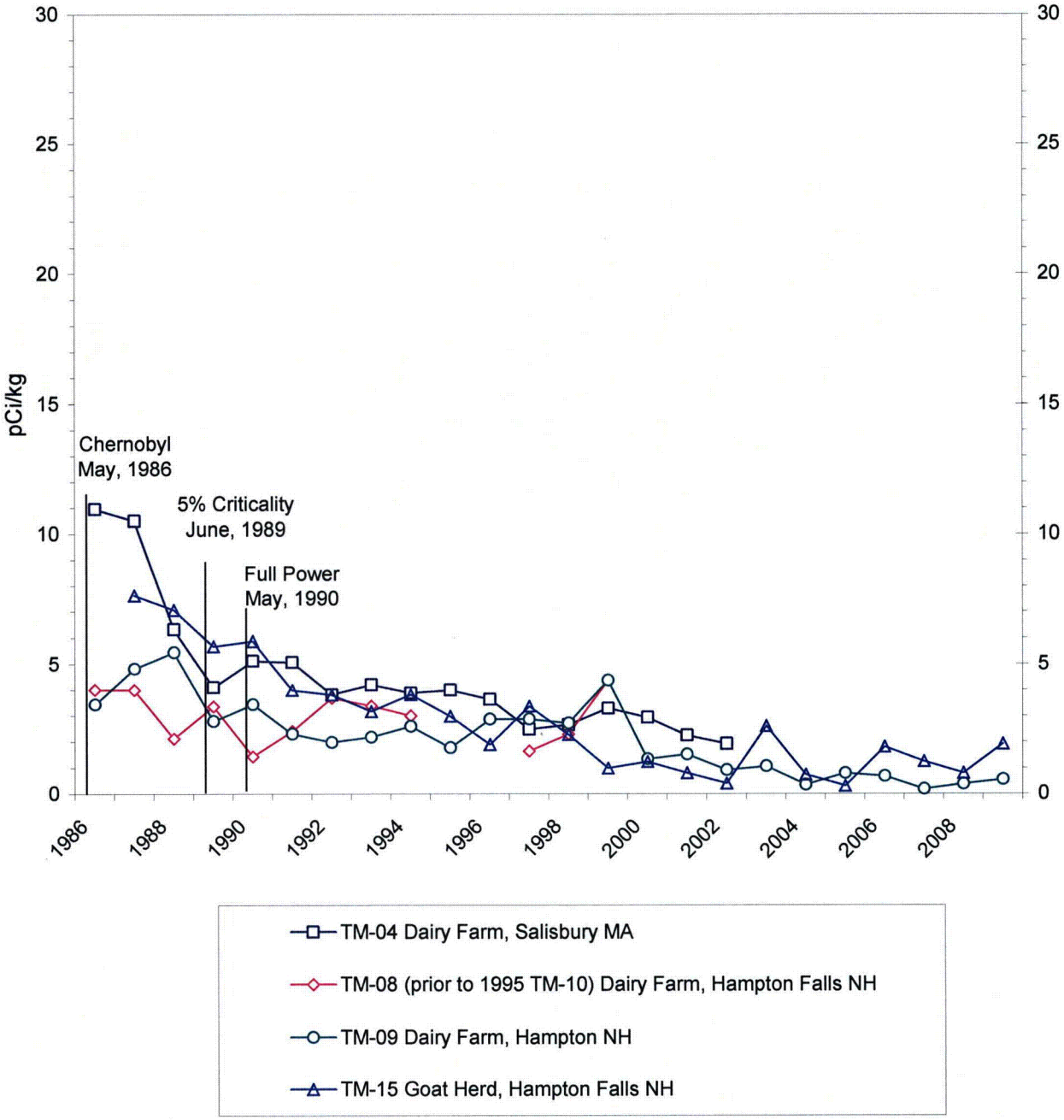


FIGURE 3.4.1

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS

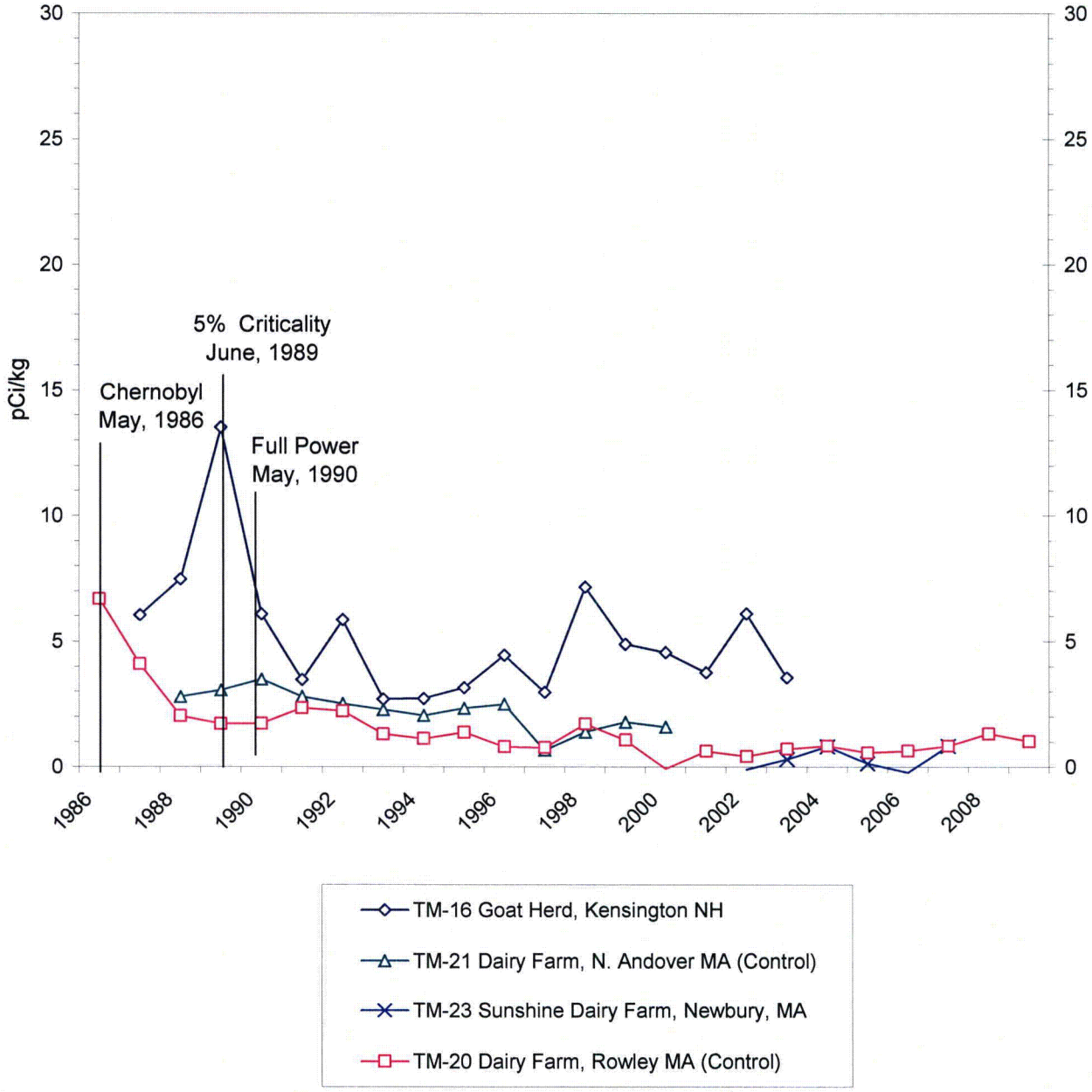


Table 3.3-1

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7 (55) (0)		2.2E -1 (-3.9 - 2.6)E 1 (0/ 37)	15	3.5E 0 (-2.8 - 2.6)E 1 (0/ 18)	-6.8E 0 (-2.1 - 1.2)E 1 (0/ 18)
K-40 (55) (0)		1.5E 3 (1.1 - 1.9)E 3 (37/ 37)	15	1.6E 3 (1.1 - 1.9)E 3 (18/ 18)	1.3E 3 (1.1 - 1.6)E 3 (18/ 18)
Cr-51 (55) (0)		-8.9E -1 (-3.4 - 3.8)E 1 (0/ 37)	09	5.3E 0 (-2.9 - 3.8)E 1 (0/ 13)	-3.4E 0 (-4.5 - 2.2)E 1 (0/ 18)
Mn-54 (55) (0)		-3.1E -1 (-5.2 - 3.6)E 0 (0/ 37)	20	1.9E -1 (-4.2 - 5.8)E 0 (0/ 18)	1.9E -1 (-4.2 - 5.8)E 0 (0/ 18)
Co-57 (55) (0)		1.1E -1 (-2.3 - 2.5)E 0 (0/ 37)	09	3.8E -1 (-2.3 - 2.5)E 0 (0/ 13)	3.6E -1 (-1.6 - 3.6)E 0 (0/ 18)
Co-58 (55) (0)		-3.0E -1 (-4.4 - 4.2)E 0 (0/ 37)	20	5.7E -1 (-4.8 - 5.3)E 0 (0/ 18)	5.7E -1 (-4.8 - 5.3)E 0 (0/ 18)
Fe-59 (55) (0)		-4.7E -1 (-6.3 - 7.9)E 0 (0/ 37)	09	9.2E -2 (-6.3 - 7.9)E 0 (0/ 13)	-5.6E -1 (-1.3 - 0.9)E 1 (0/ 18)
Co-60 (55) (0)		-2.4E -1 (-3.4 - 4.8)E 0 (0/ 37)	20	5.2E -1 (-4.0 - 3.6)E 0 (0/ 18)	5.2E -1 (-4.0 - 3.6)E 0 (0/ 18)
Zn-65 (55) (0)		-4.1E -1 (-1.3 - 1.7)E 1 (0/ 37)	09	3.8E -1 (-1.3 - 1.7)E 1 (0/ 13)	-2.5E 0 (-1.3 - 0.7)E 1 (0/ 18)
Se-75 (55) (0)		2.3E -1 (-4.5 - 4.3)E 0 (0/ 37)	09	6.9E -1 (-3.0 - 3.4)E 0 (0/ 13)	2.9E -1 (-3.9 - 2.6)E 0 (0/ 18)
Zr-95 (55) (0)		-7.2E -1 (-6.9 - 4.8)E 0 (0/ 37)	24	-2.2E -1 (-3.7 - 1.9)E 0 (0/ 6)	-5.3E -1 (-6.6 - 7.3)E 0 (0/ 18)
Ru-103 (55) (0)		-1.4E 0 (-6.1 - 3.4)E 0 (0/ 37)	24	8.5E -1 (-1.2 - 3.1)E 0 (0/ 6)	-1.5E 0 (-4.5 - 2.9)E 0 (0/ 18)

* 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.

Table 3.3-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106	(55)		1.9E 0	20	5.9E 0	5.9E 0
	(0)		(-3.5 - 4.3)E 1		(-3.2 - 5.3)E 1	(-3.2 - 5.3)E 1
			(0/ 37)		(0/ 18)	(0/ 18)
Ag-108m	(55)		-2.4E -1	09	9.2E -2	-3.8E -1
	(0)		(-2.8 - 3.8)E 0		(-2.4 - 3.8)E 0	(-3.2 - 3.0)E 0
			(0/ 37)		(0/ 13)	(0/ 18)
Ag-110m	(55)		-1.8E -1	09	4.1E -1	5.6E -3
	(0)		(-3.8 - 6.9)E 0		(-3.5 - 6.9)E 0	(-2.3 - 2.5)E 0
			(0/ 37)		(0/ 13)	(0/ 18)
Sb-124	(55)		8.8E -1	15	1.5E 0	-1.9E 0
	(0)		(-8.0 - 10.6)E 0		(-2.8 - 10.6)E 0	(-1.1 - 0.4)E 1
			(0/ 37)		(0/ 18)	(0/ 18)
Sb-125	(55)		-5.4E -3	20	2.2E 0	2.2E 0
	(0)		(-1.2 - 1.2)E 1		(-3.0 - 9.6)E 0	(-3.0 - 9.6)E 0
			(0/ 37)		(0/ 18)	(0/ 18)
I-131	(55)	1	4.2E -2	20	1.4E -1	1.4E -1
	(0)		(-3.3 - 5.5)E -1		(-2.7 - 13.1)E -1	(-2.7 - 13.1)E -1
			(0/ 37)		(0/ 18)	(0/ 18)
Cs-134	(55)	15	5.9E -3	15	2.6E -1	1.9E -1
	(0)		(-4.0 - 3.3)E 0		(-2.4 - 3.3)E 0	(-3.3 - 3.9)E 0
			(0/ 37)		(0/ 18)	(0/ 18)
Cs-137	(55)	18	1.8E 0	24	4.1E 0	1.0E 0
	(0)		(-2.6 - 9.4)E 0		(5.0 - 93.9)E -1	(-1.9 - 3.6)E 0
			(1/ 37)		(1/ 6)	(0/ 18)
Ba-140	(55)	15	-5.2E -1	20	1.0E 0	1.0E 0
	(0)		(-1.0 - 0.9)E 1		(-6.3 - 11.2)E 0	(-6.3 - 11.2)E 0
			(0/ 37)		(0/ 18)	(0/ 18)
Ce-141	(55)		-7.3E -1	24	-1.0E -1	-1.6E 0
	(0)		(-7.0 - 5.1)E 0		(-3.3 - 1.4)E 0	(-8.4 - 5.2)E 0
			(0/ 37)		(0/ 6)	(0/ 18)
Ce-144	(55)		1.8E 0	24	2.8E 0	-1.3E 0
	(0)		(-1.4 - 2.5)E 1		(-5.0 - 12.9)E 0	(-1.4 - 1.0)E 1
			(0/ 37)		(0/ 6)	(0/ 18)
Th-232	(55)		-7.7E -1	24	3.3E 0	-2.2E 0
	(0)		(-1.6 - 1.8)E 1		(-4.0 - 16.5)E 0	(-2.0 - 2.0)E 1
			(0/ 37)		(0/ 6)	(0/ 18)

* 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's submerged discharge structure. The control location (WS-51) is situated 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 ODCM required location. Additional samples were collected from the Seabrook marsh (WS-02) which borders the immediate plant property. The marsh samples are intended to provide indication of any ground water movement across the site area that might carry contamination into the surface waters of the marsh. Each of these samples is analyzed for both gamma emitters and tritium.

For the 2009, a total of 45-gamma analyses were performed on surface water samples. The only radionuclide detected in 2009 was natural 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 for the required off-shore locations (Stations WS-01 and WS-51) were analyzed for tritium. A total of 24 off-shore samples (8 composites) were analyzed in 2009, plus an additional 21 samples from the non-ODCM required location (WS-02) situated approximately 600 feet SSE from the Containment Building in Seabrook Marsh. The quarterly composites and WS-02 samples showed no indication of tritium. All samples met the required minimum LLD (3000 pCi/kg) for tritium in seawater. These results are consistent with pre-operational tritium data. The achieved Minimum Detectable Concentration (MDC) for the quarterly off-shore composite samples averaged 1250 pCi/kg, while the individual marsh area samples from WS-02 averaged an MDC of 453 pCi/kg.

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 in the past. 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.

The REMP Summary Table 3.4-1 list the range of analysis results by radionuclide for Indicator and Control Stations for the sea water environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of sea water under the Sample Type code WS.

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 5.

Table 3.4-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
H-3	(29)	3000	1.5E 1	01	1.9E 2	-2.8E 1
	(0)		(-7.7 - 8.3)E 2 (0/ 25)		(-7.7 - 8.3)E 2 (0/ 4)	(-8.4 - 8.6)E 2 (0/ 4)
Be-7	(45)		-1.5E 0	51	3.7E 0	3.7E 0
	(0)		(-3.1 - 3.4)E 1 (0/ 33)		(-1.5 - 2.8)E 1 (0/ 12)	(-1.5 - 2.8)E 1 (0/ 12)
K-40	(45)		2.2E 2	01	3.1E 2	2.9E 2
	(0)		(7.8 - 35.8)E 1 (31/ 33)		(2.5 - 3.6)E 2 (12/ 12)	(2.3 - 3.4)E 2 (12/ 12)
Cr-51	(45)		8.0E -1	51	5.1E 0	5.1E 0
	(0)		(-2.5 - 3.4)E 1 (0/ 33)		(-8.0 - 23.0)E 0 (0/ 12)	(-8.0 - 23.0)E 0 (0/ 12)
Mn-54	(45)	15	-1.2E -1	51	3.5E -1	3.5E -1
	(0)		(-3.2 - 2.6)E 0 (0/ 33)		(-1.9 - 2.3)E 0 (0/ 12)	(-1.9 - 2.3)E 0 (0/ 12)
Co-57	(45)		-1.0E -1	51	4.9E -1	4.9E -1
	(0)		(-2.8 - 1.8)E 0 (0/ 33)		(-1.0 - 1.4)E 0 (0/ 12)	(-1.0 - 1.4)E 0 (0/ 12)
Co-58	(45)	15	-2.0E -1	02	2.9E -2	-7.1E -1
	(0)		(-5.3 - 4.3)E 0 (0/ 33)		(-3.4 - 4.3)E 0 (0/ 21)	(-2.2 - 0.9)E 0 (0/ 12)
Fe-59	(45)	30	-6.0E -1	51	1.5E 0	1.5E 0
	(0)		(-1.2 - 0.9)E 1 (0/ 33)		(-2.0 - 3.6)E 0 (0/ 12)	(-2.0 - 3.6)E 0 (0/ 12)
Co-60	(45)	15	3.4E -1	02	6.6E -1	3.1E -1
	(0)		(-2.7 - 3.0)E 0 (0/ 33)		(-1.5 - 2.8)E 0 (0/ 21)	(-1.4 - 2.4)E 0 (0/ 12)
Zn-65	(45)	30	3.5E -1	01	9.6E -1	-2.6E -1
	(0)		(-8.8 - 16.6)E 0 (0/ 33)		(-5.2 - 16.6)E 0 (0/ 12)	(-5.0 - 10.7)E 0 (0/ 12)
Se-75	(45)		1.2E -1	51	4.8E -1	4.8E -1
	(0)		(-3.2 - 4.3)E 0 (0/ 33)		(-1.5 - 5.3)E 0 (0/ 12)	(-1.5 - 5.3)E 0 (0/ 12)
Zr-95	(45)	15	-2.1E -1	02	1.6E -1	-6.3E -1
	(0)		(-4.7 - 5.5)E 0 (0/ 33)		(-4.7 - 5.5)E 0 (0/ 21)	(-4.3 - 2.8)E 0 (0/ 12)
Ru-103	(45)		-1.0E 0	02	-7.2E -1	-1.8E 0
	(0)		(-4.0 - 4.0)E 0 (0/ 33)		(-4.0 - 4.0)E 0 (0/ 21)	(-3.9 - 1.0)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.

Table 3.4-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106	(45)		-6.8E 0	51	-3.1E 0	-3.1E 0
	(0)		(-3.1 - 1.6)E 1		(-3.4 - 1.0)E 1	(-3.4 - 1.0)E 1
			(0/ 33)		(0/ 12)	(0/ 12)
Ag-108m	(45)		-4.5E -2	02	4.4E -2	-1.3E -1
	(0)		(-1.9 - 2.9)E 0		(-1.8 - 1.7)E 0	(-2.9 - 2.0)E 0
			(0/ 33)		(0/ 21)	(0/ 12)
Ag-110m	(45)		-8.7E -1	51	2.7E -1	2.7E -1
	(0)		(-5.5 - 3.1)E 0		(-2.7 - 3.1)E 0	(-2.7 - 3.1)E 0
			(0/ 33)		(0/ 12)	(0/ 12)
Sb-124	(45)		3.0E -1	02	7.6E -1	-3.8E -1
	(0)		(-7.5 - 10.6)E 0		(-7.5 - 10.6)E 0	(-4.1 - 8.6)E 0
			(0/ 33)		(0/ 21)	(0/ 12)
Sb-125	(45)		-4.9E -1	51	4.7E -1	4.7E -1
	(0)		(-6.9 - 7.1)E 0		(-3.8 - 5.2)E 0	(-3.8 - 5.2)E 0
			(0/ 33)		(0/ 12)	(0/ 12)
I-131	(45)	15	2.7E -1	02	8.3E -1	-1.9E 0
	(0)		(-5.7 - 5.3)E 0		(-5.5 - 5.3)E 0	(-8.4 - 3.6)E 0
			(0/ 33)		(0/ 21)	(0/ 12)
Cs-134	(45)	15	3.5E -1	02	6.1E -1	-1.9E -1
	(0)		(-2.4 - 3.3)E 0		(-2.4 - 3.3)E 0	(-2.3 - 2.0)E 0
			(0/ 33)		(0/ 21)	(0/ 12)
Cs-137	(45)	18	-6.8E -2	01	3.0E -2	-1.5E -1
	(0)		(-3.7 - 3.3)E 0		(-2.5 - 2.1)E 0	(-3.0 - 2.4)E 0
			(0/ 33)		(0/ 12)	(0/ 12)
Ba-140	(45)	15	-6.7E -2	01	-8.3E -3	-7.7E -1
	(0)		(-7.1 - 6.4)E 0		(-5.4 - 3.6)E 0	(-5.1 - 5.4)E 0
			(0/ 33)		(0/ 12)	(0/ 12)
Ce-141	(45)		-1.3E 0	51	5.0E -2	5.0E -2
	(0)		(-8.4 - 6.5)E 0		(-5.1 - 2.8)E 0	(-5.1 - 2.8)E 0
			(0/ 33)		(0/ 12)	(0/ 12)
Ce-144	(45)		1.5E 0	01	3.6E 0	-5.4E 0
	(0)		(-2.1 - 1.9)E 1		(-9.8 - 18.6)E 0	(-1.7 - 0.3)E 1
			(0/ 33)		(0/ 12)	(0/ 12)
Th-232	(45)		3.0E 0	01	4.7E 0	4.0E -1
	(0)		(-9.2 - 16.8)E 0		(-3.4 - 14.6)E 0	(-6.1 - 6.5)E 0
			(0/ 33)		(0/ 12)	(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, quarterly ground water samples were collected when available from three locations. These samples were collected from the drinking water line (WG-01) supplied to the Site (by the Town of Seabrook), from an inactive well (WG-13) located approximately 1 km north of the plant, and a private well 1.3 km NNW (WG-14). For 2009, a total of 12 samples were collected. All samples were analyzed for gross-beta activity, gamma-emitters and tritium.

Gross beta activity was detected in ten of the twelve samples due to natural occurring radium and its daughter products. The gross beta activity seen at all three locations are 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 (2009) and the long-term measurement history for gross beta in well waters. No tritium or gamma emitters were detected positive in any of the ground water samples collected during the year.

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.

The REMP Summary Table 3.5-1 list the range of analysis results by radionuclide for all ground water environmental samples. Attachment 1 to this report lists the individual analysis results for each measurement of ground water under the Sample Type code WG.

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 5.

FIGURE 3.5

GROSS-BETA MEASUREMENTS OF GROUND WATER
SEABROOK STATION

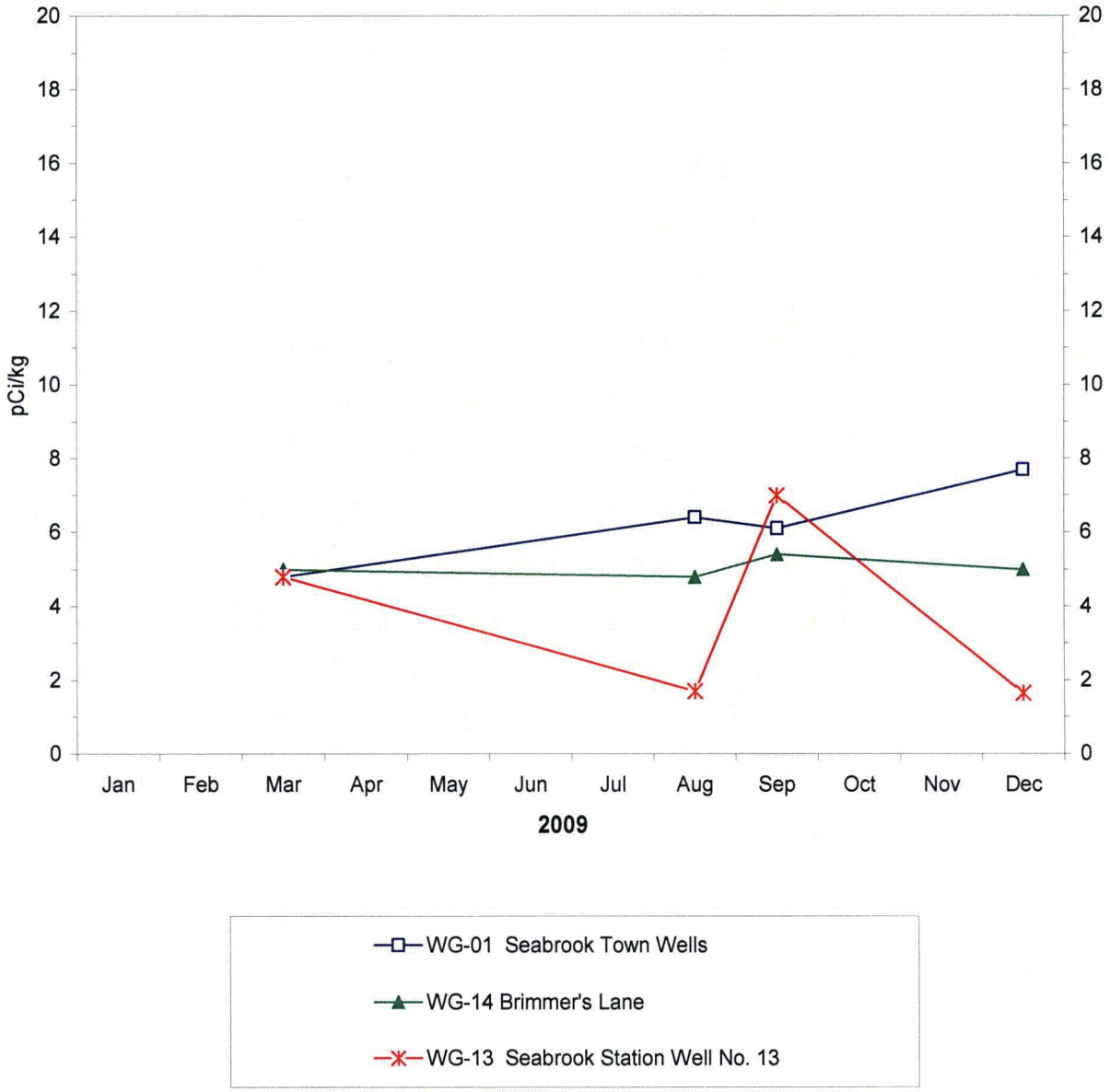


FIGURE 3.5.1

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

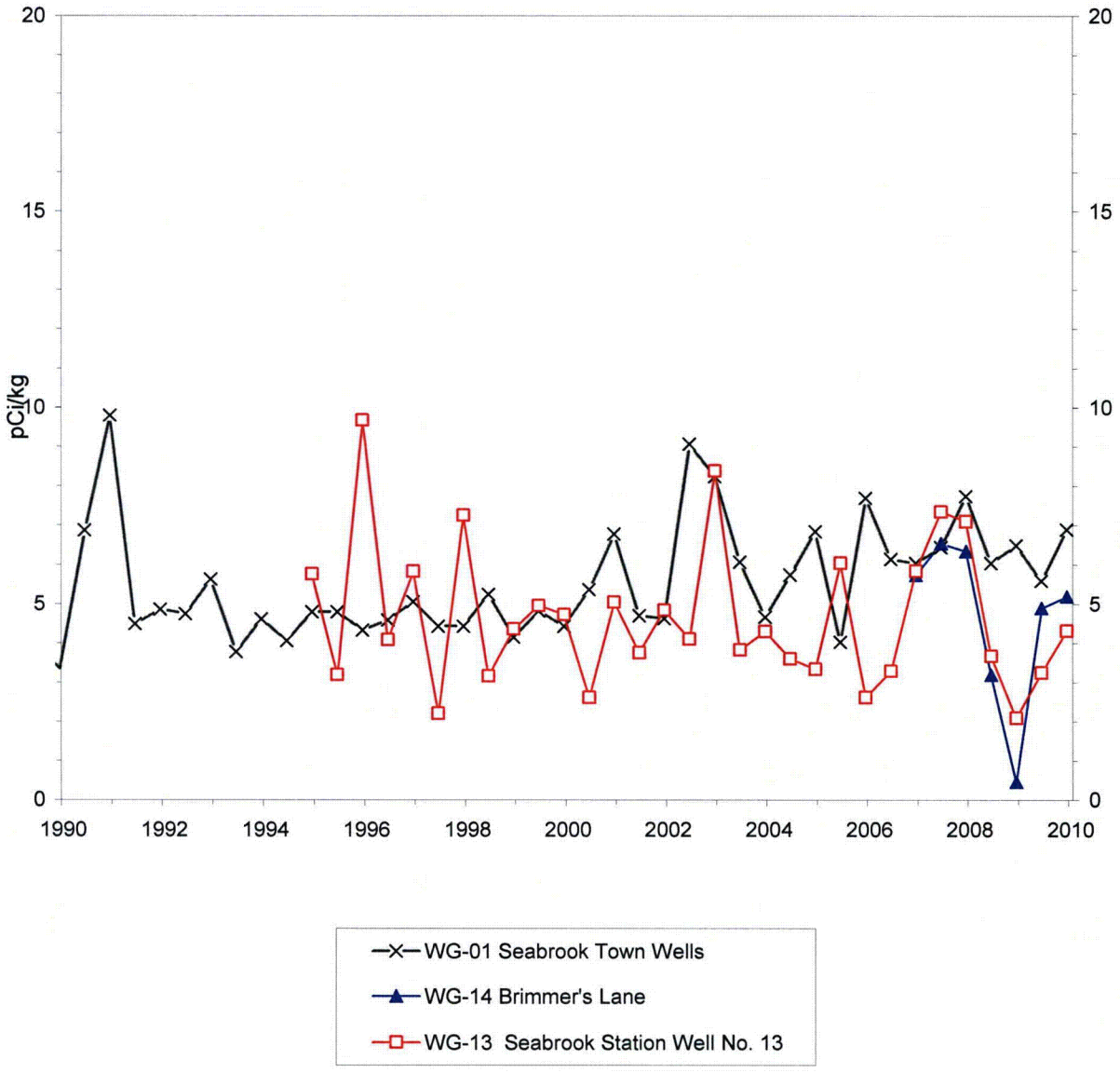


Table 3.5-1

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations: Mean Range (No. Detected**)	Station With Highest Mean: Station	Station With Highest Mean: Mean Range (No. Detected**)	Control Stations: Mean Range (No. Detected**)
GR-B (12) (0)	4	5.0E 0 (1.6 - 7.7)E 0 (10/ 12)	01	6.3E 0 (4.8 - 7.7)E 0 (4/ 4)	NO DATA
H-3 (12) (0)	3000	1.5E 2 (-2.5 - 8.0)E 2 (0/ 12)	01	2.0E 2 (-2.1 - 8.0)E 2 (0/ 4)	NO DATA
Be-7 (12) (0)		-4.8E 0 (-2.2 - 1.8)E 1 (0/ 12)	01	4.3E 0 (-8.0 - 17.0)E 0 (0/ 4)	NO DATA
K-40 (12) (0)		-2.7E 0 (-3.4 - 4.4)E 1 (0/ 12)	13	2.5E 0 (-2.0 - 4.4)E 1 (0/ 4)	NO DATA
Cr-51 (12) (0)		-4.2E 0 (-2.9 - 1.8)E 1 (0/ 12)	01	5.0E 0 (-1.6 - 1.8)E 1 (0/ 4)	NO DATA
Mn-54 (12) (0)	15	-3.1E -1 (-2.9 - 2.7)E 0 (0/ 12)	13	7.8E -1 (-2.1 - 2.7)E 0 (0/ 4)	NO DATA
Co-57 (12) (0)		-1.5E -1 (-3.2 - 1.0)E 0 (0/ 12)	01	2.2E -1 (-1.0 - 1.0)E 0 (0/ 4)	NO DATA
Co-58 (12) (0)	15	-1.6E 0 (-5.0 - 1.3)E 0 (0/ 12)	13	4.3E -1 (-3.0 - 13.0)E -1 (0/ 4)	NO DATA
Fe-59 (12) (0)	30	8.8E -1 (-3.3 - 5.4)E 0 (0/ 12)	01	1.8E 0 (-1.6 - 4.5)E 0 (0/ 4)	NO DATA
Co-60 (12) (0)	15	8.4E -1 (-1.5 - 2.4)E 0 (0/ 12)	13	1.3E 0 (3.0 - 24.0)E -1 (0/ 4)	NO DATA
Zn-65 (12) (0)	30	8.1E 0 (-5.2 - 17.2)E 0 (0/ 12)	01	1.1E 1 (6.0 - 16.5)E 0 (0/ 4)	NO DATA
Se-75 (12) (0)		1.2E -1 (-3.2 - 3.8)E 0 (0/ 12)	14	1.3E 0 (-1.3 - 3.8)E 0 (0/ 4)	NO DATA
Zr-95 (12) (0)	15	-2.5E -1 (-3.1 - 2.9)E 0 (0/ 12)	01	1.4E 0 (-9.0 - 29.0)E -1 (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.

Table 3.5-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(12)		-1.8E 0	14	-1.5E 0	NO DATA
	(0)		(-4.5 - 0.7)E 0 (0/ 12)		(-2.0 - -0.5)E 0 (0/ 4)	
Ru-106	(12)		-4.8E 0	01	4.5E 0	NO DATA
	(0)		(-3.1 - 1.7)E 1 (0/ 12)		(-8.0 - 17.0)E 0 (0/ 4)	
Ag-108m	(12)		-7.5E -2	14	3.0E -1	NO DATA
	(0)		(-1.4 - 1.1)E 0 (0/ 12)		(-1.2 - 1.1)E 0 (0/ 4)	
Ag-110m	(12)		-1.0E 0	01	5.0E -1	NO DATA
	(0)		(-7.7 - 4.4)E 0 (0/ 12)		(-2.1 - 4.4)E 0 (0/ 4)	
Sb-124	(12)		8.0E -1	14	5.1E 0	NO DATA
	(0)		(-7.2 - 6.0)E 0 (0/ 12)		(4.5 - 6.0)E 0 (0/ 4)	
Sb-125	(12)		5.9E -1	01	1.6E 0	NO DATA
	(0)		(-6.3 - 9.8)E 0 (0/ 12)		(-6.3 - 9.8)E 0 (0/ 4)	
I-131	(12)	15	-3.2E -1	01	1.1E 0	NO DATA
	(0)		(-6.8 - 4.8)E 0 (0/ 12)		(-3.1 - 3.7)E 0 (0/ 4)	
Cs-134	(12)	15	3.6E -1	14	1.1E 0	NO DATA
	(0)		(-2.2 - 1.8)E 0 (0/ 12)		(4.0 - 18.0)E -1 (0/ 4)	
Cs-137	(12)	18	-6.4E -1	13	3.8E -1	NO DATA
	(0)		(-3.5 - 5.4)E 0 (0/ 12)		(-2.8 - 5.4)E 0 (0/ 4)	
Ba-140	(12)	15	-1.2E 0	14	1.2E -1	NO DATA
	(0)		(-8.3 - 3.9)E 0 (0/ 12)		(-3.2 - 1.9)E 0 (0/ 4)	
Ce-141	(12)		-1.5E 0	14	5.0E -2	NO DATA
	(0)		(-7.4 - 2.5)E 0 (0/ 12)		(-4.0 - 2.5)E 0 (0/ 4)	
Ce-144	(12)		1.7E -1	13	3.9E 0	NO DATA
	(0)		(-1.8 - 2.8)E 1 (0/ 12)		(-2.3 - 12.6)E 0 (0/ 4)	
Th-232	(12)		3.4E 0	13	9.0E 0	NO DATA
	(0)		(-1.2 - 1.4)E 1 (0/ 12)		(6.0 - 14.3)E 0 (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.

3.6 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 Hampton Beach (SE-07) and Seabrook Beach (SE-08), plus one sub tidal sediment core taken from near the discharge structure (SE-02). The control locations, both beach (SE-57) and sub tidal (SE-52), 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 2009 were natural occurring K-40 and Th-232 with its natural daughters. Potassium–40 was detected in all segments from the core samples collected. Thorium-232 (as measured in the gamma isotopic analysis as AcTh-228) and its daughters were also present in 13 of the 30 core segment 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.

The REMP Summary Table 3.6-1 list the range of analysis results by radionuclide for Indicator and Control Stations for the sediment environmental media. Attachment 1 to this report lists the individual analysis results for each segment measurement of sediment under the Sample Type code SE.

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 5.

Table 3.6-1

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations: Mean Range (No. Detected**)	Station With Highest Mean: Station	Station With Highest Mean: Mean Range (No. Detected**)	Control Stations: Mean Range (No. Detected**)
Be-7 (30) (0)		3.4E 1 (-4.4 - 4.2)E 2 (0/ 18)	07	1.7E 2 (-2.3 - 4.2)E 2 (0/ 6)	3.9E 1 (-3.7 - 2.6)E 2 (0/ 12)
K-40 (30) (0)		1.7E 4 (1.2 - 2.4)E 4 (18/ 18)	08	2.0E 4 (1.6 - 2.4)E 4 (6/ 6)	1.4E 4 (1.2 - 1.8)E 4 (12/ 12)
Cr-51 (30) (0)		4.6E 1 (-6.7 - 7.7)E 2 (0/ 18)	52	2.0E 2 (-3.4 - 4.7)E 2 (0/ 6)	1.7E 2 (-3.4 - 4.7)E 2 (0/ 12)
Mn-54 (30) (0)		-1.4E 0 (-4.1 - 4.7)E 1 (0/ 18)	07	1.3E 1 (-1.9 - 4.7)E 1 (0/ 6)	-1.4E 0 (-5.0 - 6.9)E 1 (0/ 12)
Co-57 (30) (0)		7.8E -1 (-3.3 - 3.2)E 1 (0/ 18)	02	1.5E 1 (-2.0 - 32.0)E 0 (0/ 6)	7.4E 0 (-1.9 - 3.3)E 1 (0/ 12)
Co-58 (30) (0)		-5.4E 0 (-6.0 - 4.5)E 1 (0/ 18)	08	3.8E 0 (-2.2 - 3.1)E 1 (0/ 6)	-1.1E 1 (-7.1 - 5.5)E 1 (0/ 12)
Fe-59 (30) (0)		1.5E 0 (-1.2 - 1.6)E 2 (0/ 18)	02	1.3E 1 (-1.1 - 0.7)E 2 (0/ 6)	-1.8E 1 (-6.4 - 3.3)E 1 (0/ 12)
Co-60 (30) (0)		6.2E 0 (-5.1 - 6.0)E 1 (0/ 18)	02	1.6E 1 (-1.3 - 3.5)E 1 (0/ 6)	2.5E 0 (-4.8 - 3.4)E 1 (0/ 12)
Zn-65 (30) (0)		-2.7E 1 (-2.1 - 2.4)E 2 (0/ 18)	07	4.5E 1 (-8.7 - 24.0)E 1 (0/ 6)	-3.2E 1 (-2.5 - 2.2)E 2 (0/ 12)
Se-75 (30) (0)		9.2E 0 (-6.0 - 6.0)E 1 (0/ 18)	07	1.9E 1 (-2.0 - 53.0)E 0 (0/ 6)	4.7E 0 (-6.4 - 5.9)E 1 (0/ 12)
Zr-95 (30) (0)		1.4E 1 (-5.2 - 7.0)E 1 (0/ 18)	52	7.3E 1 (-5.7 - 16.1)E 1 (0/ 6)	2.9E 1 (-1.1 - 1.6)E 2 (0/ 12)
Ru-103 (30) (0)		-8.8E 0 (-6.7 - 4.1)E 1 (0/ 18)	57	1.9E 1 (-2.5 - 5.6)E 1 (0/ 6)	1.6E 1 (-3.8 - 5.6)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.

Table 3.6-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations: Mean Range (No. Detected**)	Station With Highest Mean: Station	Station With Highest Mean: Mean Range (No. Detected**)	Control Stations: Mean Range (No. Detected**)
Ru-106	(30)		-5.3E 1	02	1.6E 2	-4.0E 1
	(0)		(-4.6 - 5.1)E 2 (0/ 18)		(-1.0 - 5.1)E 2 (0/ 6)	(-5.6 - 4.3)E 2 (0/ 12)
Ag-108m	(30)		3.0E 0	08	7.2E 0	-1.1E 1
	(0)		(-2.8 - 3.9)E 1 (0/ 18)		(-1.6 - 3.1)E 1 (0/ 6)	(-5.5 - 2.4)E 1 (0/ 12)
Ag-110m	(30)		6.8E 0	08	1.8E 1	-5.7E 0
	(0)		(-7.2 - 7.6)E 1 (0/ 18)		(-1.4 - 7.6)E 1 (0/ 6)	(-3.8 - 2.6)E 1 (0/ 12)
Sb-124	(30)		1.3E 1	02	3.4E 1	1.3E 1
	(0)		(-1.1 - 1.4)E 2 (0/ 18)		(-4.8 - 14.2)E 1 (0/ 6)	(-4.0 - 15.2)E 1 (0/ 12)
Sb-125	(30)		-2.2E 1	08	3.3E 1	-2.5E 1
	(0)		(-1.5 - 1.0)E 2 (0/ 18)		(-1.5 - 9.6)E 1 (0/ 6)	(-1.3 - 0.8)E 2 (0/ 12)
I-131	(30)		-6.1E 0	52	4.5E 1	4.4E 1
	(0)		(-1.8 - 1.5)E 2 (0/ 18)		(-8.1 - 15.0)E 1 (0/ 6)	(-8.1 - 15.0)E 1 (0/ 12)
Cs-134	(30)	150	1.0E 1	02	3.0E 1	1.8E 1
	(0)		(-2.3 - 8.3)E 1 (0/ 18)		(6.0 - 83.0)E 0 (0/ 6)	(-2.2 - 7.9)E 1 (0/ 12)
Cs-137	(30)	180	-2.8E 0	57	2.1E 1	8.4E 0
	(0)		(-7.5 - 5.0)E 1 (0/ 18)		(-1.7 - 9.7)E 1 (0/ 6)	(-3.1 - 9.7)E 1 (0/ 12)
Ba-140	(30)		4.7E 1	02	1.1E 2	-4.6E 1
	(0)		(-3.2 - 5.7)E 2 (0/ 18)		(-2.2 - 5.7)E 2 (0/ 6)	(-8.1 - 3.7)E 2 (0/ 12)
Ce-141	(30)		2.2E 1	02	3.1E 1	1.0E 1
	(0)		(-9.1 - 10.7)E 1 (0/ 18)		(-5.9 - 10.7)E 1 (0/ 6)	(-4.5 - 5.8)E 1 (0/ 12)
Ce-144	(30)		6.2E 1	07	1.4E 2	3.7E 1
	(0)		(-2.9 - 4.0)E 2 (0/ 18)		(-6.0 - 36.0)E 1 (0/ 6)	(-2.0 - 3.7)E 2 (0/ 12)
Th-232	(30)		5.6E 2	52	1.6E 3	9.0E 2
	(0)		(0.0 - 2.2)E 3 (7/ 18)		(8.6 - 26.5)E 2 (6/ 6)	(8.8 - 265.0)E 1 (6/ 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, a total of 11-fish samples were collected. The fish species available from Station FH-03 (indicator station) and Station FH-53 (control station) were dominated by Winter and Yellow-Tail Flounder which are bottom dwelling species. Cunner fish were also collected from Station FH-03 and the intake impingement screens onsite (FH-E1).

A gamma analysis was performed on the edible portion of each sample collected. In 2009, the only radionuclide detected in fish samples was natural occurring K-40 (all samples). 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.

In addition to the required program for fish as defined in the ODCM, the Station attempted to collect a local fish species (cunner fish) that resides in the upper regions of the water column using an alternate collection method from that used for the more prevalent bottom species. For 2009, two cunner samples were collected. One sample from the area of the plant's Hampton Bay discharge (FH-03) with the results listed in Attachment 1, sample laboratory number L15570-01, 08/18/2009. The second cunner sample was collected from the plant's impingement screens in the intake structure (FH-E1). The laboratory number for this sample is L15570-02, 07/27/09 (See Attachment 1). Samples from the impingement screens are equivalent to sampling in the region around the submerged intake structures located approximately 7000 feet offshore of Hampton Beach and 4000 feet north of the discharge diffuser. No plant radionuclides were detected in either sample, with natural occurring K-40 found at a concentration of 2,750 pCi/kg.

The REMP Summary Table 3.7-1 list the range of analysis results by radionuclide for Indicator and Control Stations for all fish environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of fish under the Sample Type code FH.

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 5.

Table 3.7-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(11)		-1.9E 1	03	6.8E 0	-2.6E 1
	(0)		(-1.5 - 0.8)E 2		(-6.9 - 8.1)E 1	(-6.0 - 0.0)E 1
			(0/ 6)		(0/ 5)	(0/ 5)
K-40	(11)		3.3E 3	03	3.4E 3	2.7E 3
	(0)		(2.7 - 4.0)E 3		(2.7 - 4.0)E 3	(2.1 - 3.6)E 3
			(6/ 6)		(5/ 5)	(5/ 5)
Cr-51	(11)		4.5E 1	03	5.4E 1	1.4E 1
	(0)		(0.0 - 2.0)E 2		(0.0 - 2.0)E 2	(-8.3 - 15.0)E 1
			(0/ 6)		(0/ 5)	(0/ 5)
Mn-54	(11)	130	7.2E 0	03	7.3E 0	-2.5E 0
	(0)		(-7.0 - 19.0)E 0		(-7.0 - 19.0)E 0	(-2.1 - 0.7)E 1
			(0/ 6)		(0/ 5)	(0/ 5)
Co-57	(11)		-1.0E 0	53	3.4E 0	3.4E 0
	(0)		(-1.0 - 0.7)E 1		(-8.7 - 17.0)E 0	(-8.7 - 17.0)E 0
			(0/ 6)		(0/ 5)	(0/ 5)
Co-58	(11)	130	-3.2E 0	E1	3.0E 0	-1.1E 1
	(0)		(-1.9 - 1.5)E 1			(-3.0 - 0.3)E 1
			(0/ 6)		(0/ 1)	(0/ 5)
Fe-59	(11)	260	7.7E 0	03	1.3E 1	1.4E 0
	(0)		(-1.9 - 4.5)E 1		(-1.3 - 4.5)E 1	(-4.0 - 3.4)E 1
			(0/ 6)		(0/ 5)	(0/ 5)
Co-60	(11)	130	2.8E 0	53	6.3E 0	6.3E 0
	(0)		(-1.3 - 1.3)E 1		(-1.0 - 13.0)E 0	(-1.0 - 13.0)E 0
			(0/ 6)		(0/ 5)	(0/ 5)
Zn-65	(11)	260	-9.8E 0	03	-5.2E 0	-1.4E 1
	(0)		(-8.1 - 5.8)E 1		(-8.1 - 5.8)E 1	(-3.7 - 2.9)E 1
			(0/ 6)		(0/ 5)	(0/ 5)
Se-75	(11)		-5.0E -1	53	4.6E 0	4.6E 0
	(0)		(-1.8 - 1.5)E 1		(-1.3 - 3.0)E 1	(-1.3 - 3.0)E 1
			(0/ 6)		(0/ 5)	(0/ 5)
Zr-95	(11)		7.5E 0	E1	1.8E 1	5.2E 0
	(0)		(-1.2 - 2.8)E 1			(-2.0 - 4.8)E 1
			(0/ 6)		(0/ 1)	(0/ 5)
Ru-103	(11)		-1.2E 1	53	2.1E 1	2.1E 1
	(0)		(-2.1 - -0.6)E 1		(-1.5 - 6.8)E 1	(-1.5 - 6.8)E 1
			(0/ 6)		(0/ 5)	(0/ 5)

* 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.

Table 3.7-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106 (11)		2.7E 1	E1	4.0E 1	-7.2E 1
(0)		(-6.0 - 17.0)E 1		(0/ 1)	(-1.4 - -0.1)E 2
		(0/ 6)			(0/ 5)
Ag-108m (11)		3.3E 0	E1	7.1E 0	8.0E -1
(0)		(-1.2 - 1.6)E 1		(0/ 1)	(-1.2 - 1.1)E 1
		(0/ 6)			(0/ 5)
Ag-110m (11)		-6.3E 0	03	-3.2E 0	-5.2E 0
(0)		(-4.0 - 2.5)E 1		(-4.0 - 2.5)E 1	(-2.7 - 2.7)E 1
		(0/ 6)		(0/ 5)	(0/ 5)
Sb-124 (11)		-3.3E 0	03	-8.0E -1	-6.2E 0
(0)		(-2.8 - 3.2)E 1		(-2.8 - 3.2)E 1	(-5.1 - 1.4)E 1
		(0/ 6)		(0/ 5)	(0/ 5)
Sb-125 (11)		-2.0E 0	E1	4.0E 0	2.4E 0
(0)		(-3.7 - 2.0)E 1		(0/ 1)	(-3.7 - 4.2)E 1
		(0/ 6)			(0/ 5)
I-131 (11)		-7.3E 0	03	-2.8E 0	-4.5E 1
(0)		(-3.2 - 2.1)E 1		(-3.2 - 2.1)E 1	(-1.0 - -0.2)E 2
		(0/ 6)		(0/ 5)	(0/ 5)
Cs-134 (11)	130	-1.5E 0	53	3.6E 0	3.6E 0
(0)		(-9.4 - 2.0)E 0		(-1.4 - 4.5)E 1	(-1.4 - 4.5)E 1
		(0/ 6)		(0/ 5)	(0/ 5)
Cs-137 (11)	150	3.0E 0	03	7.2E 0	3.6E 0
(0)		(-1.8 - 2.8)E 1		(-2.0 - 28.0)E 0	(-1.0 - 2.4)E 1
		(0/ 6)		(0/ 5)	(0/ 5)
Ba-140 (11)		1.0E 1	E1	2.0E 1	-4.0E 0
(0)		(-4.9 - 4.2)E 1		(0/ 1)	(-4.2 - 3.2)E 1
		(0/ 6)			(0/ 5)
Ce-141 (11)		-7.0E 0	03	-3.2E 0	-3.4E 0
(0)		(-2.6 - 0.8)E 1		(-1.6 - 0.8)E 1	(-5.6 - 3.6)E 1
		(0/ 6)		(0/ 5)	(0/ 5)
Ce-144 (11)		-9.8E 0	53	4.3E 1	4.3E 1
(0)		(-8.4 - 5.1)E 1		(1.6 - 8.6)E 1	(1.6 - 8.6)E 1
		(0/ 6)		(0/ 5)	(0/ 5)
Th-232 (11)		-3.3E -1	53	4.6E 0	4.6E 0
(0)		(-3.7 - 3.3)E 1		(-3.8 - 8.4)E 1	(-3.8 - 8.4)E 1
		(0/ 6)		(0/ 5)	(0/ 5)

* 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) which is an important commercial food species from local waters. 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 (HA-04) and from a control location (HA-54) 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 2009 was natural 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.

The REMP Summary Table 3.8-1 list the range of analysis results by radionuclide for Indicator and Control Stations for all lobster samples. Attachment 1 to this report lists the individual analysis results for each measurement of lobsters under the Sample Type code HA.

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 5.

Table 3.8-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(4)		-1.7E 1	54	3.0E 1	3.0E 1
	(0)		(-8.0 - 4.7)E 1 (0/ 2)		(3.0 - 3.0)E 1 (0/ 2)	(3.0 - 3.0)E 1 (0/ 2)
K-40	(4)		2.0E 3	54	2.7E 3	2.7E 3
	(0)		(1.7 - 2.2)E 3 (2/ 2)		(2.1 - 3.2)E 3 (2/ 2)	(2.1 - 3.2)E 3 (2/ 2)
Cr-51	(4)		-2.3E 1	04	-2.3E 1	-8.0E 1
	(0)		(-4.5 - 0.0)E 1 (0/ 2)		(-4.5 - 0.0)E 1 (0/ 2)	(-2.7 - 1.1)E 2 (0/ 2)
Mn-54	(4)	130	-4.0E 0	04	-4.0E 0	-7.5E 0
	(0)		(-8.0 - 0.0)E 0 (0/ 2)		(-8.0 - 0.0)E 0 (0/ 2)	(-2.1 - 0.6)E 1 (0/ 2)
Co-57	(4)		9.0E -1	04	9.0E -1	-7.5E 0
	(0)		(-4.5 - 6.3)E 0 (0/ 2)		(-4.5 - 6.3)E 0 (0/ 2)	(-9.3 - -5.7)E 0 (0/ 2)
Co-58	(4)	130	-1.2E 1	54	-7.0E 0	-7.0E 0
	(0)		(-2.0 - -0.4)E 1 (0/ 2)		(-1.3 - -0.1)E 1 (0/ 2)	(-1.3 - -0.1)E 1 (0/ 2)
Fe-59	(4)	260	1.2E 1	04	1.2E 1	1.2E 1
	(0)		(7.0 - 16.0)E 0 (0/ 2)		(7.0 - 16.0)E 0 (0/ 2)	(0.0 - 2.3)E 1 (0/ 2)
Co-60	(4)	130	-9.0E 0	54	1.5E 1	1.5E 1
	(0)		(-1.8 - 0.0)E 1 (0/ 2)		(1.3 - 1.7)E 1 (0/ 2)	(1.3 - 1.7)E 1 (0/ 2)
Zn-65	(4)	260	-1.6E 1	54	3.2E 1	3.2E 1
	(0)		(-3.6 - 0.5)E 1 (0/ 2)		(0.0 - 6.4)E 1 (0/ 2)	(0.0 - 6.4)E 1 (0/ 2)
Se-75	(4)		-3.5E 0	54	5.5E 0	5.5E 0
	(0)		(-9.0 - 2.0)E 0 (0/ 2)		(-4.0 - 15.0)E 0 (0/ 2)	(-4.0 - 15.0)E 0 (0/ 2)
Zr-95	(4)		-7.5E 0	54	7.0E 0	7.0E 0
	(0)		(-1.5 - 0.0)E 1 (0/ 2)		(-3.3 - 4.7)E 1 (0/ 2)	(-3.3 - 4.7)E 1 (0/ 2)
Ru-103	(4)		1.5E 0	54	5.5E 0	5.5E 0
	(0)		(-3.0 - 6.0)E 0 (0/ 2)		(-4.0 - 15.0)E 0 (0/ 2)	(-4.0 - 15.0)E 0 (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.

Table 3.8-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106 (4)		1.5E 1	04	1.5E 1	-9.5E 1
(0)		(-4.0 - 7.0)E 1 (0/ 2)		(-4.0 - 7.0)E 1 (0/ 2)	(-2.5 - 0.6)E 2 (0/ 2)
Ag-108m (4)		8.3E 0	54	9.3E 0	9.3E 0
(0)		(6.5 - 10.0)E 0 (0/ 2)		(6.0 - 12.6)E 0 (0/ 2)	(6.0 - 12.6)E 0 (0/ 2)
Ag-110m (4)		-2.1E 1	54	1.5E 1	1.5E 1
(0)		(-5.3 - 1.1)E 1 (0/ 2)		(0.0 - 3.0)E 1 (0/ 2)	(0.0 - 3.0)E 1 (0/ 2)
Sb-124 (4)		2.0E 1	04	2.0E 1	-1.8E 1
(0)		(-2.1 - 6.1)E 1 (0/ 2)		(-2.1 - 6.1)E 1 (0/ 2)	(-3.5 - 0.0)E 1 (0/ 2)
Sb-125 (4)		-4.5E 0	54	1.8E 1	1.8E 1
(0)		(-2.2 - 1.3)E 1 (0/ 2)		(-2.6 - 6.2)E 1 (0/ 2)	(-2.6 - 6.2)E 1 (0/ 2)
I-131 (4)		3.0E 0	54	1.9E 1	1.9E 1
(0)		(-6.0 - 12.0)E 0 (0/ 2)		(-2.1 - 5.9)E 1 (0/ 2)	(-2.1 - 5.9)E 1 (0/ 2)
Cs-134 (4)	130	-3.5E 0	54	-5.0E -1	-5.0E -1
(0)		(-1.3 - 0.6)E 1 (0/ 2)		(-9.0 - 8.0)E 0 (0/ 2)	(-9.0 - 8.0)E 0 (0/ 2)
Cs-137 (4)	150	1.0E 0	04	1.0E 0	-5.0E 0
(0)		(-4.0 - 6.0)E 0 (0/ 2)		(-4.0 - 6.0)E 0 (0/ 2)	(-1.0 - 0.0)E 1 (0/ 2)
Ba-140 (4)		4.3E 1	04	4.3E 1	2.8E 1
(0)		(4.0 - 4.6)E 1 (0/ 2)		(4.0 - 4.6)E 1 (0/ 2)	(1.4 - 4.2)E 1 (0/ 2)
Ce-141 (4)		6.0E 0	04	6.0E 0	3.5E 0
(0)		(-8.0 - 20.0)E 0 (0/ 2)		(-8.0 - 20.0)E 0 (0/ 2)	(2.0 - 5.0)E 0 (0/ 2)
Ce-144 (4)		1.5E 1	54	2.2E 1	2.2E 1
(0)		(-7.9 - 10.9)E 1 (0/ 2)		(-8.3 - 12.7)E 1 (0/ 2)	(-8.3 - 12.7)E 1 (0/ 2)
Th-232 (4)		2.1E 1	04	2.1E 1	-3.4E 1
(0)		(1.5 - 2.7)E 1 (0/ 2)		(1.5 - 2.7)E 1 (0/ 2)	(-4.8 - -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.

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 2009, 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. *Modioli (horse mussels) were* collected, by divers, from near the discharge outfall (indicator station MU-06) and from Ipswich Bay (control MU-56). *Mytilus* (blue mussels) were collected from the intratidal areas of Seabrook Harbor (indicator MU-09) and between Plum Island and Ipswich, MA (control MU-59). A total of eight samples were collected in 2009 and analyzed for radioactivity in the edible portion or meat of the shellfish.

Additional analyses were conducted on the May and December shellfish collections from both indictor (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. For 2009, no Sr-90 was detected in any sample. These analyses are not required by the REMP as defined in the ODCM.

The only radionuclide detected in shellfish samples in 2009 was natural occurring K-40 (6 out of 8 edible portion samples). 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.

The REMP Summary Table 3.9-1 (mussel bodies) and Table 3.9-2 (mussel shells) list the range of analysis results by radionuclide for Indicator and Control Stations for all shellfish samples. Attachment 1 to this report lists the individual analysis results for each measurement of shellfish under the Sample Type code MU for the edible portions and MS for shells only.

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 5.

Table 3.9-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7 (8)		3.2E 1	56	1.5E 2	1.4E 2
(0)		(1.0 - 8.0)E 1 (0/ 4)		(1.4 - 28.0)E 1 (0/ 2)	(1.4 - 28.0)E 1 (0/ 4)
K-40 (8)		9.3E 2	56	1.2E 3	8.9E 2
(0)		(6.6 - 13.1)E 2 (3/ 4)		(9.8 - 13.7)E 2 (2/ 2)	(4.6 - 13.7)E 2 (2/ 4)
Cr-51 (8)		-9.1E 1	59	6.5E 1	1.1E 1
(0)		(-2.5 - 0.5)E 2 (0/ 4)		(-5.0 - 18.0)E 1 (0/ 2)	(-1.0 - 1.8)E 2 (0/ 4)
Mn-54 (8)	130	7.5E -1	09	1.2E 1	-1.4E 0
(0)		(-1.0 - 2.8)E 1 (0/ 4)		(-5.0 - 28.0)E 0 (0/ 2)	(-6.0 - 12.1)E 0 (0/ 4)
Co-57 (8)		-8.5E -1	06	2.0E 0	-2.2E 0
(0)		(-5.6 - 2.7)E 0 (0/ 4)		(1.2 - 2.7)E 0 (0/ 2)	(-4.4 - 2.3)E 0 (0/ 4)
Co-58 (8)	130	4.8E 0	59	9.0E 0	6.4E 0
(0)		(-4.0 - 14.1)E 0 (0/ 4)		(-9.0 - 27.0)E 0 (0/ 2)	(-9.0 - 27.0)E 0 (0/ 4)
Fe-59 (8)	260	2.0E 0	09	1.4E 1	-1.7E 1
(0)		(-2.0 - 1.7)E 1 (0/ 4)		(1.1 - 1.7)E 1 (0/ 2)	(-3.5 - 0.0)E 1 (0/ 4)
Co-60 (8)	130	-1.9E 0	56	8.0E 0	2.5E -1
(0)		(-6.1 - 4.4)E 0 (0/ 4)		(3.0 - 13.0)E 0 (0/ 2)	(-2.7 - 1.3)E 1 (0/ 4)
Zn-65 (8)	260	-1.3E 1	59	7.0E 0	-1.5E 1
(0)		(-3.9 - 0.8)E 1 (0/ 4)		(-1.0 - 2.4)E 1 (0/ 2)	(-5.8 - 2.4)E 1 (0/ 4)
Se-75 (8)		2.8E 0	09	1.2E 1	6.3E 0
(0)		(-1.2 - 1.8)E 1 (0/ 4)		(5.0 - 18.0)E 0 (0/ 2)	(-8.0 - 14.0)E 0 (0/ 4)
Zr-95 (8)		-4.5E 0	59	1.3E 1	4.0E 0
(0)		(-2.5 - 1.8)E 1 (0/ 4)		(-6.0 - 32.0)E 0 (0/ 2)	(-9.0 - 32.0)E 0 (0/ 4)
Ru-103 (8)		-2.5E 0	59	1.6E 1	1.1E 1
(0)		(-1.3 - 0.7)E 1 (0/ 4)		(1.5 - 1.7)E 1 (0/ 2)	(5.0 - 17.0)E 0 (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.

Table 3.9-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106	(8)		-3.5E 1	06	-1.4E 1	-1.1E 2
	(0)		(-9.0 - 5.2)E 1 (0/ 4)		(-8.0 - 5.2)E 1 (0/ 2)	(-1.6 - -0.3)E 2 (0/ 4)
Ag-108m	(8)		-1.0E 1	56	-4.3E 0	-8.1E 0
	(0)		(-1.5 - -0.4)E 1 (0/ 4)		(-5.2 - -3.3)E 0 (0/ 2)	(-2.4 - 0.0)E 1 (0/ 4)
Ag-110m	(8)		6.3E 0	59	1.1E 1	-2.0E 0
	(0)		(-1.2 - 3.1)E 1 (0/ 4)		(-1.2 - 3.4)E 1 (0/ 2)	(-2.2 - 3.4)E 1 (0/ 4)
Sb-124	(8)		1.2E 1	59	4.1E 1	2.3E 1
	(0)		(-2.9 - 3.4)E 1 (0/ 4)		(0.0 - 8.1)E 1 (0/ 2)	(0.0 - 8.1)E 1 (0/ 4)
Sb-125	(8)		-3.1E 1	59	2.6E 1	5.0E -1
	(0)		(-5.1 - -0.2)E 1 (0/ 4)		(0.0 - 5.1)E 1 (0/ 2)	(-2.5 - 5.1)E 1 (0/ 4)
I-131	(8)		-1.1E 1	59	1.7E 1	1.1E 1
	(0)		(-4.3 - 3.6)E 1 (0/ 4)		(1.1 - 2.2)E 1 (0/ 2)	(3.0 - 22.0)E 0 (0/ 4)
Cs-134	(8)	130	2.6E 0	09	9.7E 0	-2.8E 0
	(0)		(-8.2 - 21.6)E 0 (0/ 4)		(-2.3 - 21.6)E 0 (0/ 2)	(-1.1 - 0.2)E 1 (0/ 4)
Cs-137	(8)	150	6.3E 0	06	1.0E 1	-6.5E 0
	(0)		(-4.0 - 18.0)E 0 (0/ 4)		(2.0 - 18.0)E 0 (0/ 2)	(-2.7 - 0.7)E 1 (0/ 4)
Ba-140	(8)		2.8E 1	09	3.5E 1	-1.9E 1
	(0)		(1.2 - 3.6)E 1 (0/ 4)		(3.3 - 3.6)E 1 (0/ 2)	(-4.5 - 1.2)E 1 (0/ 4)
Ce-141	(8)		-1.1E 1	59	1.1E 1	8.8E 0
	(0)		(-1.8 - 0.1)E 1 (0/ 4)		(5.0 - 16.0)E 0 (0/ 2)	(-7.0 - 21.0)E 0 (0/ 4)
Ce-144	(8)		-2.3E 0	56	3.5E 1	-1.4E 1
	(0)		(-8.8 - 7.5)E 1 (0/ 4)		(2.9 - 4.0)E 1 (0/ 2)	(-1.3 - 0.4)E 2 (0/ 4)
Th-232	(8)		2.5E 1	06	5.0E 1	3.6E 1
	(0)		(-9.0 - 60.0)E 0 (0/ 4)		(3.9 - 6.0)E 1 (0/ 2)	(1.0 - 7.4)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.

Table 3.9-2
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Sr-90	(4)	300	-4.1E 1	56	3.6E 1	3.6E 1
	(0)		(-6.4 - -1.7)E 1 (0/ 2)		(-8.9 - 16.1)E 1 (0/ 2)	(-8.9 - 16.1)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.

3.10 Irish Moss

There is no REMP technical requirement defined in the ODCM to collect Irish Moss (algae) samples. As a supplement to the required REMP, semiannual Chondrus (Irish Moss) samples were collected from an indicator area near plant discharge (AL-05) and a control location (AL-55) 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.

A gamma analysis was performed on each sample. Natural occurring Potassium-40 (all samples) and Beryllium-7 (1 of 4 samples) were detected in samples for both indicator and control stations. For the off-shore indicator station (AL-05), no plant related radionuclides were detected in any sample.

One sample from the control location (AL-55) collected in May did indicate the presence of low level I-131 (31.1 pCi/kg). The control location is situated approximately 17.4 km from the plant. A review of plant effluent discharge records indicated that there was no measurable I-131 in liquid waste released from the plant in the 2009 months prior to the positive detection of I-131 in the control algae sample. It is highly unlikely due to the distance from the plant and the lack of any detectable releases of iodine in plant effluents prior to the positive algae measurement that the I-131 found in the control sample could have been from Seabrook Station. 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 is a likely source.

Therefore, no plant related increasing or decreasing trends were observed. Subsequently, there is no dose 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. However, the observation of I-131 at the control location is another occurrence of past sample observations from the Ipswich Bay (May 2006, and May & December 2008) that have also detected the presence of I-131 in Chondrus (Irish Moss).

The REMP Summary Table 3.10-1 list the range of analysis results by radionuclide for Indicator and Control Stations for all Irish Moss (or seaweed) samples. Attachment 1 to this report lists the individual analysis results for each measurement of Irish Moss under the Sample Type code AL.

Any sample collection and analysis deviations from the ODCM defined program, or reportable concentrations that may have occurred during the year, are described in Section 5.

Table 3.10-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7 (4)		2.8E 2	05	2.8E 2	2.6E 2
(0)		(2.8 - 2.8)E 2 (0/ 2)		(2.8 - 2.8)E 2 (0/ 2)	(2.0 - 3.3)E 2 (1/ 2)
K-40 (4)		7.9E 3	05	7.9E 3	6.2E 3
(0)		(6.6 - 9.2)E 3 (2/ 2)		(6.6 - 9.2)E 3 (2/ 2)	(5.8 - 6.6)E 3 (2/ 2)
Cr-51 (4)		3.5E 1	55	6.0E 1	6.0E 1
(0)		(-1.0 - 1.7)E 2 (0/ 2)		(2.4 - 9.5)E 1 (0/ 2)	(2.4 - 9.5)E 1 (0/ 2)
Mn-54 (4)		-2.3E 1	55	4.7E 0	4.7E 0
(0)		(-2.3 - -2.3)E 1 (0/ 2)		(2.3 - 7.0)E 0 (0/ 2)	(2.3 - 7.0)E 0 (0/ 2)
Co-57 (4)		5.0E -1	55	1.3E 0	1.3E 0
(0)		(-8.0 - 18.0)E -1 (0/ 2)		(-3.0 - 29.0)E -1 (0/ 2)	(-3.0 - 29.0)E -1 (0/ 2)
Co-58 (4)		-1.4E 1	55	6.0E 0	6.0E 0
(0)		(-3.7 - 0.9)E 1 (0/ 2)		(3.1 - 9.0)E 0 (0/ 2)	(3.1 - 9.0)E 0 (0/ 2)
Fe-59 (4)		-4.9E 1	55	-4.0E 0	-4.0E 0
(0)		(-8.3 - -1.4)E 1 (0/ 2)		(-2.4 - 1.6)E 1 (0/ 2)	(-2.4 - 1.6)E 1 (0/ 2)
Co-60 (4)		2.6E 1	05	2.6E 1	-5.8E 0
(0)		(1.4 - 3.8)E 1 (0/ 2)		(1.4 - 3.8)E 1 (0/ 2)	(-7.6 - -4.0)E 0 (0/ 2)
Zn-65 (4)		2.6E 1	05	2.6E 1	-5.5E 1
(0)		(1.5 - 3.6)E 1 (0/ 2)		(1.5 - 3.6)E 1 (0/ 2)	(-8.7 - -2.3)E 1 (0/ 2)
Se-75 (4)		-1.0E 0	55	3.6E 0	3.6E 0
(0)		(-1.0 - -1.0)E 0 (0/ 2)		(2.3 - 5.0)E 0 (0/ 2)	(2.3 - 5.0)E 0 (0/ 2)
Zr-95 (4)		2.7E 1	05	2.7E 1	-5.5E 0
(0)		(9.0 - 45.0)E 0 (0/ 2)		(9.0 - 45.0)E 0 (0/ 2)	(-1.5 - 0.4)E 1 (0/ 2)
Ru-103 (4)		9.5E 0	05	9.5E 0	-4.0E -1
(0)		(-8.0 - 27.0)E 0 (0/ 2)		(-8.0 - 27.0)E 0 (0/ 2)	(-2.8 - 2.0)E 0 (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.

Table 3.10-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106	(4)		9.0E 1	05	9.0E 1	-9.2E 1
	(0)		(2.0 - 16.0)E 1 (0/ 2)		(2.0 - 16.0)E 1 (0/ 2)	(-1.3 - -0.5)E 2 (0/ 2)
Ag-108m	(4)		-7.5E 0	55	5.0E 0	5.0E 0
	(0)		(-1.2 - -0.3)E 1 (0/ 2)		(-5.0 - 15.0)E 0 (0/ 2)	(-5.0 - 15.0)E 0 (0/ 2)
Ag-110m	(4)		-1.6E 1	55	1.4E 1	1.4E 1
	(0)		(-2.0 - -1.2)E 1 (0/ 2)		(9.3 - 18.0)E 0 (0/ 2)	(9.3 - 18.0)E 0 (0/ 2)
Sb-124	(4)		-1.7E 1	55	-3.0E 0	-3.0E 0
	(0)		(-5.1 - 1.7)E 1 (0/ 2)		(-3.0 - -3.0)E 0 (0/ 2)	(-3.0 - -3.0)E 0 (0/ 2)
Sb-125	(4)		-2.2E 1	55	-2.1E 1	-2.1E 1
	(0)		(-2.4 - -2.0)E 1 (0/ 2)		(-3.9 - -0.3)E 1 (0/ 2)	(-3.9 - -0.3)E 1 (0/ 2)
I-131	(5)		5.4E 1	05	5.4E 1	1.7E 1
	(0)		(3.8 - 7.0)E 1 (0/ 2)		(3.8 - 7.0)E 1 (0/ 2)	(7.0 - 31.1)E 0 (1/ 3)
Cs-134	(4)	60	-2.8E 0	55	9.5E 0	9.5E 0
	(0)		(-5.0 - -0.6)E 0 (0/ 2)		(-5.0 - 24.0)E 0 (0/ 2)	(-5.0 - 24.0)E 0 (0/ 2)
Cs-137	(4)	80	-1.5E 1	55	2.0E -1	2.0E -1
	(0)		(-2.1 - -0.8)E 1 (0/ 2)		(-5.0 - 5.4)E 0 (0/ 2)	(-5.0 - 5.4)E 0 (0/ 2)
Ba-140	(4)		3.0E 0	55	6.5E 0	6.5E 0
	(0)		(-1.5 - 2.1)E 1 (0/ 2)		(2.9 - 10.0)E 0 (0/ 2)	(2.9 - 10.0)E 0 (0/ 2)
Ce-141	(4)		-2.5E 0	05	-2.5E 0	-8.8E 0
	(0)		(-1.9 - 1.4)E 1 (0/ 2)		(-1.9 - 1.4)E 1 (0/ 2)	(-1.5 - -0.3)E 1 (0/ 2)
Ce-144	(4)		4.5E 0	55	2.9E 1	2.9E 1
	(0)		(1.0 - 8.0)E 0 (0/ 2)		(-3.5 - 9.2)E 1 (0/ 2)	(-3.5 - 9.2)E 1 (0/ 2)
Th-232	(4)		-3.1E 1	55	4.5E 1	4.5E 1
	(0)		(-8.3 - 2.2)E 1 (0/ 2)		(-4.4 - 13.4)E 1 (0/ 2)	(-4.4 - 13.4)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.

3.11 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 2009 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, six food crop (TF) samples were collected from three locations listed on Table 2.0-2 (two indicator stations, TF-02 and TF-03, one control station, TF-06) during the growing season months (July and August). These included green beans and tomatoes in July (Lab number L15500), and tomatoes in August (Lab number L15580). It is also noted that a June collection of strawberries was reported lost in shipment to the analysis laboratory and has been listed as program deviation in Section 5.1.

The only radionuclide detected in 2009 was natural 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.

The following REMP Summary (Table 3.11-1) list the range of analysis results by radionuclide for Indicator and Control Stations for the Food Crop environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of Food Crops under the Sample Type code TF.

Any sample collection and analysis deviations from the ODCM defined program, or reportable concentrations that may have occurred during the year, are described in Section 5.

Table 3.11-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(6)		-5.1E 1	06	2.4E 1	2.4E 1
	(0)		(-7.1 - -1.0)E 1		(-5.9 - 10.7)E 1	(-5.9 - 10.7)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
K-40	(6)		1.9E 3	03	2.4E 3	1.9E 3
	(0)		(1.1 - 2.5)E 3		(2.3 - 2.5)E 3	(1.8 - 2.0)E 3
			(4/ 4)		(2/ 2)	(2/ 2)
Cr-51	(6)		2.2E 1	02	4.5E 1	-1.0E 1
	(0)		(-4.4 - 13.3)E 1		(-4.4 - 13.3)E 1	(-5.0 - 3.0)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Mn-54	(6)		3.9E 0	03	7.2E 0	-4.4E 0
	(0)		(-6.6 - 9.9)E 0		(4.4 - 9.9)E 0	(-1.3 - 0.4)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Co-57	(6)		-1.3E 0	02	-9.5E -1	-6.3E 0
	(0)		(-6.0 - 2.7)E 0		(-1.9 - 0.0)E 0	(-1.4 - 0.2)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Co-58	(6)		-1.9E 0	02	3.0E 0	-3.8E 0
	(0)		(-7.6 - 9.0)E 0		(-3.0 - 9.0)E 0	(-1.2 - 0.4)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Fe-59	(6)		5.8E 0	03	7.0E 0	5.0E -1
	(0)		(-2.7 - 4.1)E 1		(-2.7 - 4.1)E 1	(-1.1 - 1.2)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Co-60	(6)		-4.2E 0	06	5.5E 0	5.5E 0
	(0)		(-1.1 - 0.0)E 1		(4.0 - 7.0)E 0	(4.0 - 7.0)E 0
			(0/ 4)		(0/ 2)	(0/ 2)
Zn-65	(6)		-4.0E 0	02	5.0E -1	-6.5E 0
	(0)		(-1.7 - 0.7)E 1		(-6.0 - 7.0)E 0	(-2.7 - 1.4)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Se-75	(6)		-1.8E 0	06	3.7E 0	3.7E 0
	(0)		(-1.2 - 0.5)E 1		(-5.4 - 12.8)E 0	(-5.4 - 12.8)E 0
			(0/ 4)		(0/ 2)	(0/ 2)
Zr-95	(6)		-1.5E 0	02	8.5E 0	-2.0E 0
	(0)		(-1.3 - 1.8)E 1		(-1.0 - 18.0)E 0	(-1.7 - 1.3)E 1
			(0/ 4)		(0/ 2)	(0/ 2)
Ru-103	(6)		-1.0E 1	06	1.8E 0	1.8E 0
	(0)		(-2.4 - 0.2)E 1		(-4.0 - 7.5)E 0	(-4.0 - 7.5)E 0
			(0/ 4)		(0/ 2)	(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.

Table 3.11-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106 (6)		-6.1E 1	03	-4.9E 1	-1.3E 2
(0)		(-2.1 - 0.7)E 2 (0/ 4)		(-1.2 - 0.2)E 2 (0/ 2)	(-2.4 - -0.3)E 2 (0/ 2)
Ag-108m (6)		-1.3E 0	06	9.5E -1	9.5E -1
(0)		(-3.5 - 4.1)E 0 (0/ 4)		(-4.8 - 6.7)E 0 (0/ 2)	(-4.8 - 6.7)E 0 (0/ 2)
Ag-110m (6)		-4.0E 0	02	2.5E 0	-1.3E 1
(0)		(-1.1 - 0.9)E 1 (0/ 4)		(-4.0 - 9.0)E 0 (0/ 2)	(-1.6 - -1.0)E 1 (0/ 2)
Sb-124 (6)		-5.5E 0	06	1.2E 1	1.2E 1
(0)		(-2.7 - 2.1)E 1 (0/ 4)		(-5.0 - 28.0)E 0 (0/ 2)	(-5.0 - 28.0)E 0 (0/ 2)
Sb-125 (6)		1.4E 1	03	2.6E 1	1.5E 1
(0)		(-1.3 - 3.5)E 1 (0/ 4)		(1.6 - 3.5)E 1 (0/ 2)	(1.2 - 1.8)E 1 (0/ 2)
I-131 (6)	60	-2.8E 0	03	1.5E 0	-2.5E 1
(0)		(-1.6 - 1.9)E 1 (0/ 4)		(-1.6 - 1.9)E 1 (0/ 2)	(-4.7 - -0.3)E 1 (0/ 2)
Cs-134 (6)	60	-3.6E 0	06	-1.6E 0	-1.6E 0
(0)		(-7.6 - -2.1)E 0 (0/ 4)		(-4.8 - 1.6)E 0 (0/ 2)	(-4.8 - 1.6)E 0 (0/ 2)
Cs-137 (6)	80	1.8E 0	03	1.3E 1	1.5E 0
(0)		(-1.0 - 1.6)E 1 (0/ 4)		(9.7 - 15.7)E 0 (0/ 2)	(-2.7 - 5.8)E 0 (0/ 2)
Ba-140 (6)		-4.5E 0	03	-5.0E -1	-2.5E 0
(0)		(-3.2 - 3.1)E 1 (0/ 4)		(-3.2 - 3.1)E 1 (0/ 2)	(-1.2 - 0.7)E 1 (0/ 2)
Ce-141 (6)		-1.8E 1	06	-1.3E 1	-1.3E 1
(0)		(-2.2 - -1.2)E 1 (0/ 4)		(-1.7 - -0.8)E 1 (0/ 2)	(-1.7 - -0.8)E 1 (0/ 2)
Ce-144 (6)		2.2E 1	03	5.3E 1	-3.8E 1
(0)		(-2.8 - 6.7)E 1 (0/ 4)		(3.9 - 6.7)E 1 (0/ 2)	(-4.0 - -3.5)E 1 (0/ 2)
Th-232 (6)		-7.0E 0	02	1.5E 0	-8.4E 1
(0)		(-3.4 - 3.7)E 1 (0/ 4)		(-3.4 - 3.7)E 1 (0/ 2)	(-1.2 - -0.5)E 2 (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.

3.12 Vegetation

In lieu of milk sampling, the ODCM, Table A.9.1-1, requires broad leafy vegetation (TG) samples grown in the 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 2009 land use census garden listing) were selected over ranked D/Q gardens in the general population. These two Indicator locations (TG-08 and TG-09) are on site 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 2009, five monthly (growing season) broad leaf vegetation samples from the three sites were collected and analyzed by gamma spectroscopy. A sixth sample set for June was collected, but was lost in shipment to the analysis laboratory. The lost samples are listed as a program deviation in Section 5.1.

The only radionuclides detected in 2009 were natural occurring K-40, Be-7 and Thorium-232. Both K-40 and Be-7 were detected at both indicator and control locations. Potassium-40 was seen in all 15 samples, while Be-7 was detected as positive in 12 of the 15 samples analyzed. Thorium-232 (as measured in the gamma isotopic analysis as AcTh-228) and its daughters was also found in 1 indicator sample. 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.

The following REMP Summary (Table 3.12-1) list the range of analysis results by radionuclide for Indicator and Control Stations for the vegetation environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of vegetation under the Sample Type code TG.

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 5.

Table 3.12-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7 (15) (0)		2.2E 3 (2.9 - 52.1)E 2 (8/ 10)	08	2.4E 3 (2.9 - 52.1)E 2 (4/ 5)	1.8E 3 (2.6 - 26.9)E 2 (4/ 5)
K-40 (15) (0)		3.4E 3 (2.7 - 4.5)E 3 (10/ 10)	09	3.4E 3 (2.7 - 4.2)E 3 (5/ 5)	2.9E 3 (1.9 - 4.2)E 3 (5/ 5)
Cr-51 (15) (0)		-4.5E 1 (-2.4 - 1.7)E 2 (0/ 10)	10	9.2E 1 (-6.0 - 36.0)E 1 (0/ 5)	9.2E 1 (-6.0 - 36.0)E 1 (0/ 5)
Mn-54 (15) (0)		-2.5E 0 (-3.2 - 2.5)E 1 (0/ 10)	09	4.0E -1 (-1.2 - 2.5)E 1 (0/ 5)	-4.0E -1 (-1.3 - 1.9)E 1 (0/ 5)
Co-57 (15) (0)		6.0E -2 (-1.1 - 1.3)E 1 (0/ 10)	08	1.1E 0 (-1.1 - 1.3)E 1 (0/ 5)	-6.3E 0 (-1.7 - 0.1)E 1 (0/ 5)
Co-58 (15) (0)		2.0E 0 (-2.7 - 2.3)E 1 (0/ 10)	09	2.2E 0 (-2.7 - 2.3)E 1 (0/ 5)	1.2E 0 (-1.6 - 3.0)E 1 (0/ 5)
Fe-59 (15) (0)		1.4E 1 (-1.5 - 5.5)E 1 (0/ 10)	08	2.7E 1 (-9.0 - 55.0)E 0 (0/ 5)	-2.0E -1 (-3.2 - 1.6)E 1 (0/ 5)
Co-60 (15) (0)		4.0E -1 (-2.6 - 2.6)E 1 (0/ 10)	08	8.8E 0 (-1.4 - 2.6)E 1 (0/ 5)	-4.0E 0 (-1.1 - 0.2)E 1 (0/ 5)
Zn-65 (15) (0)		-2.1E 1 (-6.5 - 3.2)E 1 (0/ 10)	10	8.4E 0 (-5.2 - 12.3)E 1 (0/ 5)	8.4E 0 (-5.2 - 12.3)E 1 (0/ 5)
Se-75 (15) (0)		-1.0E 0 (-4.0 - 2.2)E 1 (0/ 10)	08	6.0E 0 (-6.0 - 22.0)E 0 (0/ 5)	-2.6E 0 (-6.0 - 9.0)E 0 (0/ 5)
Zr-95 (15) (0)		2.0E 1 (-3.1 - 3.5)E 1 (0/ 10)	08	2.3E 1 (1.1 - 2.9)E 1 (0/ 5)	1.1E 1 (-1.8 - 2.5)E 1 (0/ 5)
Ru-103 (15) (0)		-6.9E 0 (-3.1 - 0.9)E 1 (0/ 10)	10	2.4E 0 (-1.3 - 3.9)E 1 (0/ 5)	2.4E 0 (-1.3 - 3.9)E 1 (0/ 5)

* 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.

Table 3.12-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2009)

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

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-106 (15) (0)		-2.0E 1 (-3.0 - 2.7)E 2 (0/ 10)	10	4.4E 1 (-1.1 - 1.2)E 2 (0/ 5)	4.4E 1 (-1.1 - 1.2)E 2 (0/ 5)
Ag-108m (15) (0)		-4.5E 0 (-2.1 - 1.3)E 1 (0/ 10)	08	3.0E 0 (-1.3 - 1.3)E 1 (0/ 5)	-1.5E 0 (-1.3 - 1.3)E 1 (0/ 5)
Ag-110m (15) (0)		-6.9E 0 (-2.0 - 1.0)E 1 (0/ 10)	10	1.1E 1 (-1.0 - 3.3)E 1 (0/ 5)	1.1E 1 (-1.0 - 3.3)E 1 (0/ 5)
Sb-124 (15) (0)		7.0E 0 (-3.0 - 6.3)E 1 (0/ 10)	09	7.2E 0 (-3.0 - 3.8)E 1 (0/ 5)	-2.0E -1 (-2.5 - 0.9)E 1 (0/ 5)
Sb-125 (15) (0)		-2.1E 1 (-7.9 - 2.3)E 1 (0/ 10)	10	-3.2E 0 (-1.9 - 1.3)E 1 (0/ 5)	-3.2E 0 (-1.9 - 1.3)E 1 (0/ 5)
I-131 (30) (0)	60	-4.9E 0 (-2.1 - 1.2)E 2 (0/ 20)	08	1.5E 1 (-9.7 - 12.0)E 1 (0/ 10)	-8.3E 0 (-5.7 - 3.2)E 1 (0/ 10)
Cs-134 (15) (0)	60	1.8E 0 (-1.3 - 2.0)E 1 (0/ 10)	08	4.2E 0 (-7.8 - 17.0)E 0 (0/ 5)	3.2E 0 (-1.1 - 1.0)E 1 (0/ 5)
Cs-137 (15) (0)	80	5.3E 0 (-1.3 - 1.7)E 1 (0/ 10)	10	2.0E 1 (2.0 - 38.0)E 0 (0/ 5)	2.0E 1 (2.0 - 38.0)E 0 (0/ 5)
Ba-140 (15) (0)		4.6E 0 (-3.3 - 3.0)E 1 (0/ 10)	08	1.9E 1 (0.0 - 3.0)E 1 (0/ 5)	4.0E -1 (-1.6 - 1.7)E 1 (0/ 5)
Ce-141 (15) (0)		-1.1E 1 (-4.8 - 2.6)E 1 (0/ 10)	08	-1.2E 0 (-3.6 - 2.6)E 1 (0/ 5)	-6.8E 0 (-3.2 - 1.9)E 1 (0/ 5)
Ce-144 (15) (0)		1.3E 1 (-6.8 - 8.8)E 1 (0/ 10)	10	6.1E 1 (1.2 - 11.8)E 1 (0/ 5)	6.1E 1 (1.2 - 11.8)E 1 (0/ 5)
Th-232 (15) (0)		5.1E 1 (-5.4 - 20.1)E 1 (1/ 10)	08	5.9E 1 (-5.4 - 20.1)E 1 (1/ 5)	5.2E 1 (-3.6 - 8.7)E 1 (0/ 5)

* 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 $CaSO_4$: 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 by the ODCM. The badges were collected and readout on a quarterly schedule.

The exposure rates were normalized to a 91-day quarter. A summary of the 2009 data for the plant operational REMP is shown in Table 3.13-1. 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 2009 annual mean of all indicator locations was 16.6 mR/91-day quarter while the mean of all control locations was 18.0 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 2009 TLD measurements compared with pre-operational TLD measurements (see Table 3.13-2 for pre-operational history) also shows that no direct dose beyond the site boundary was attributed to station operation during 2009.

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 5.

TABLE 3.13-1

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

2009

Sta. No.	Description	1st Quarter Exp.	S.D.	2nd Quarter Exp.	S.D.	3rd Quarter Exp.	S.D.	4th Quarter Exp.	S.D.	Annual Ave. Exp.
TL-01	Brimmer's Lane	16.1	± 0.8	20.8	± 1.0	19.5	± 1.0	19.2	± 0.7	18.9
TL-02	Landing Road	12.6	± 0.6	14.5	± 0.8	14.0	± 0.8	14.2	± 1.0	13.8
TL-03	Glade Path	14.4	± 0.9	16.0	± 0.8	16.3	± 1.1	15.6	± 0.8	15.6
TL-04	Island Path	16.4	± 0.8	17.5	± 0.7	16.7	± 0.8	16.5	± 0.9	16.8
TL-05	Harbor Road	13.6	± 0.8	14.8	± 0.8	15.2[A]	± 0.7	14.6	± 0.7	14.6
TL-06	Barge Landing	13.7	± 1.2	15.3	± 1.0	15.2	± 0.6	15.5	± 1.6	14.9
TL-07	Cross Road	12.6	± 0.6	13.4	± 0.9	12.9	± 1.0	12.7	± 0.6	12.9
TL-08	Farm Lane	14.6	± 0.8	17.7	± 1.1	17.1	± 1.3	16.7	± 1.0	16.5
TL-09	Farm Lane	15.3	± 0.7	18.1	± 1.1	17.5	± 1.1	17.6	± 0.8	17.1
TL-10	Site Boundary	15.7	± 0.7	19.4	± 1.6	18.6	± 1.0	19.4	± 0.4	18.3
TL-11	Site Boundary	15.8	± 0.8	19.5	± 0.9	18.4	± 1.2	19.0	± 0.8	18.2
TL-12	Site Boundary	16.6	± 0.7	20.6	± 1.0	19.4	± 0.8	18.6	± 0.7	18.8
TL-13	Inside Site Boundary	18.1	± 1.0	20.7	± 1.5	19.8	± 1.3	20.5	± 1.2	19.8
TL-14	Trailer Park	14.2	± 0.6	17.3	± 1.4	17.1	± 1.0	16.6	± 0.9	16.3
TL-15	Brimmer's Lane	16.6	± 0.8	20.2	± 1.1	19.8	± 0.8	19.4	± 1.0	19.0
TL-16	Brimmer's Lane	14.9	± 0.7	16.9	± 0.7	17.0	± 0.7	17.2	± 0.8	16.5
TL-17	South Road	13.9	± 0.8	17.2	± 0.9	17.6	± 0.8	17.4	± 0.8	16.5
TL-18	Mill Road	13.7	± 0.6	16.6	± 1.0	17.2	± 1.0	17.5	± 1.9	16.3
TL-19	Appledore Avenue	15.6	± 0.7	15.7	± 0.8	16.4	± 0.9	17.2	± 0.8	16.2
TL-20	Ashworth Avenue	16.8	± 1.0	19.0	± 1.0	18.3	± 1.6	18.8	± 1.2	18.2
TL-21	Route 1A	14.1	± 0.7	16.2	± 0.9	16.9	± 1.0	18.6	± 0.8	16.5
TL-22	Cable Avenue	14.8	± 0.7	17.2	± 0.9	17.4	± 0.9	16.9	± 0.6	16.6
TL-23	Ferry Road	14.5	± 0.7	17.7	± 1.1	16.0	± 0.9	16.5	± 0.6	16.2
TL-24	Ferry Lots Lane	13.7	± 1.1	15.7	± 0.9	16.6	± 1.1	16.3	± 1.2	15.6
TL-25	Elm Street	14.4	± 0.6	16.4	± 0.7	16.4	± 1.2	16.9	± 0.8	16.0
TL-26	Route 107A	12.9	± 0.7	16.6	± 1.0	16.1	± 0.6	16.0	± 0.8	15.4
TL-27	Highland Street	15.1	± 0.9	16.9	± 0.8	16.5	± 0.7	16.9	± 0.8	16.4
TL-28	Route 150	14.0	± 0.7	17.0	± 0.9	17.0	± 0.9	16.6	± 0.7	16.2
TL-29	Frying Pan Lane	13.9	± 0.6	16.0	± 1.2	16.0	± 0.8	16.5	± 0.9	15.6
TL-30	Route 27	12.5	± 0.8	16.7	± 0.6	16.5	± 0.7	17.0	± 0.9	15.7
TL-31	Alumni Drive	11.6	± 0.6	15.1	± 0.6	16.2	± 1.8	15.4	± 0.6	14.6
TL-32	SB Elementary School	17.0	± 1.0	18.4	± 0.9	18.3	± 1.0	18.8	± 0.7	18.1
TL-33	Dock Area	17.5	± 0.7	19.5	± 1.2	19.6	± 0.8	19.3	± 0.7	19.0
TL-34	Bow Street	17.6	± 0.9	20.6	± 1.2	20.6	± 0.9	21.0	± 0.7	20.0
TL-35	Lincoln Ack. School	16.0	± 1.0	19.3	± 0.8	20.0	± 1.1	19.1	± 1.1	18.6
TL-36	Route 97(Control)	14.6	± 0.7	16.6	± 0.8	16.0	± 0.7	16.7	± 0.6	16.0
TL-37	Plaistow, NH (Control)	16.1	± 1.1	18.6	± 1.0	19.1	± 1.5	19.9	± 1.1	18.4
TL-38	Hampstead, NH (Control)	18.6	± 0.9	20.7	± 1.0	21.0	± 0.9	21.2	± 1.3	20.4
TL-39	Fremont, NH (Control)	19.2	± 0.7	22.5	± 1.1	24.6	± 1.3	21.9	± 1.0	22.1
TL-40	Newmarket, NH (Control)	13.0	± 0.7	17.4	± 0.9	18.8	± 0.8	18.3	± 1.1	16.9

TABLE 3.13-1 (Continued)

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

2009

Sta. No.	Description	1st Quarter Exp.	S.D.	2nd Quarter Exp.	S.D.	3rd Quarter Exp.	S.D.	4th Quarter Exp.	S.D.	Annual Ave. Exp.
TL-41	Portsmouth, NH (Control)	16.1	± 1.0	17.5	± 0.7	18.1	± 0.9	17.5	± 0.6	17.3
TL-42	Ipswich, MA (Control)	13.5	± 0.7	15.2	± 0.7	15.2	± 0.8	15.1	± 0.6	14.8
TL-43	Rocks Road Landing	12.9	± 0.6	14.0	± 0.6	14.5	± 0.7	14.3	± 0.5	13.9
TL-44	SB Education Center	14.1	± 0.9	15.5	± 0.7	15.8	± 1.2	15.2	± 0.6	15.2
TL-45	Hampton Fire Station	14.8	± 0.7	18.3	± 0.8	18.0	± 0.7	17.0	± 0.8	17.0
TL-46	SB Police Station	16.6	± 1.1	17.7	± 1.2	17.7	± 1.1	16.7	± 1.0	17.2
TL-47	Route 84	13.9	± 0.8	16.2	± 0.8	17.9	± 1.3	16.4	± 0.9	16.1
	Mean of Indicators	14.8		17.3		17.2		17.1		16.6
	Mean of Controls	15.9		18.4		19.0		18.7		18.0

A On 7/27/09, TLD-05 was moved from the side of the building it was attached to allow re-siding of the building. The TLD was kept in the immediate vicinity while the re-siding progressed. On 8/11/09, the TLD was attached to an antenna tower next to the building at an equivalent height of about 9 feet above the ground plane as a permanent re-location of TL-05. No lost in data collection on the TLD was experienced.

Table 3.13-2

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

	1st Quarter Exp.	2nd Quarter Exp.	3rd Quarter Exp.	4th Quarter Exp.	Annual Ave. Exp.
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	14.0	14.4	--	--	14.2
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

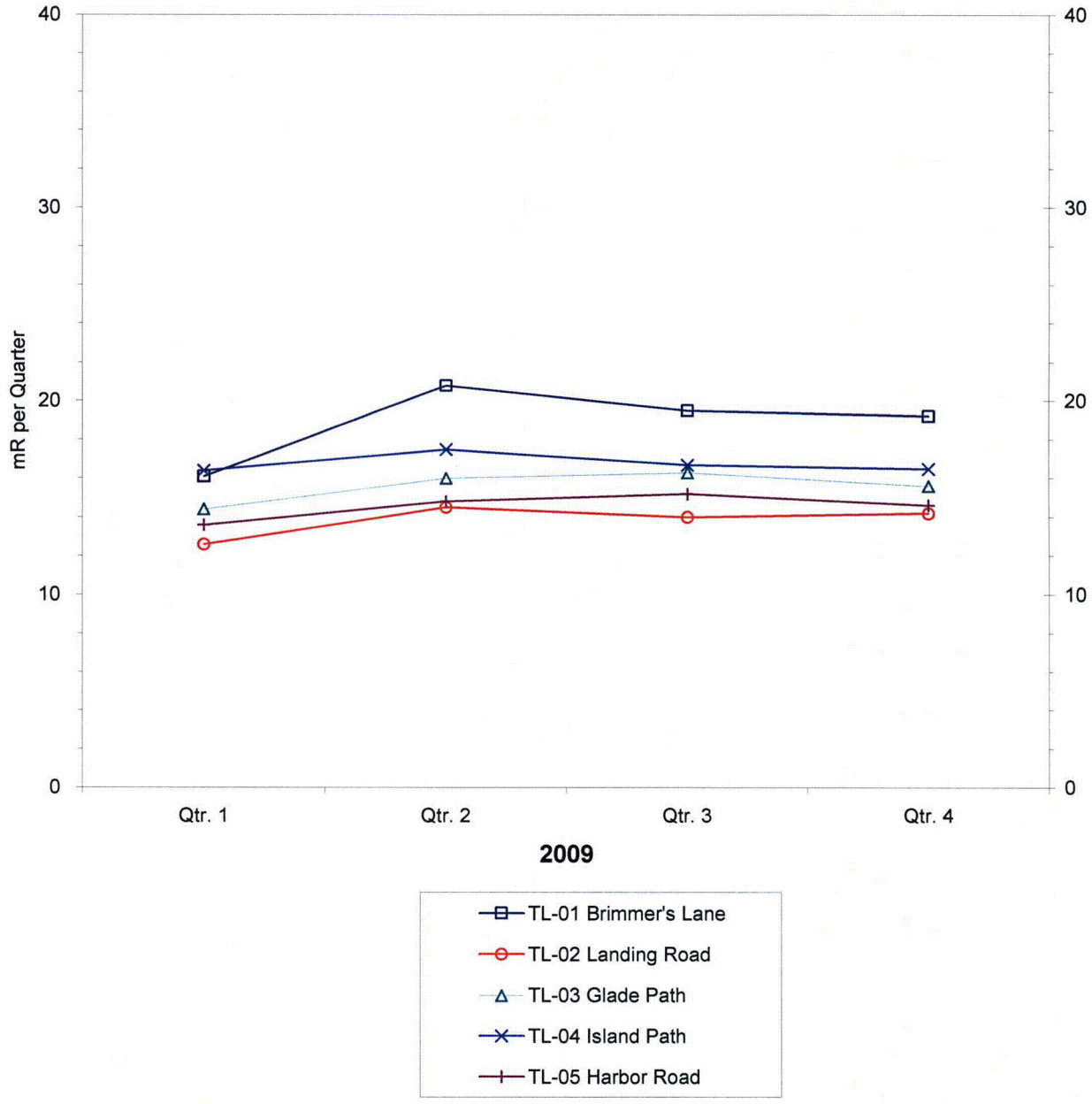


FIGURE 3.6.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

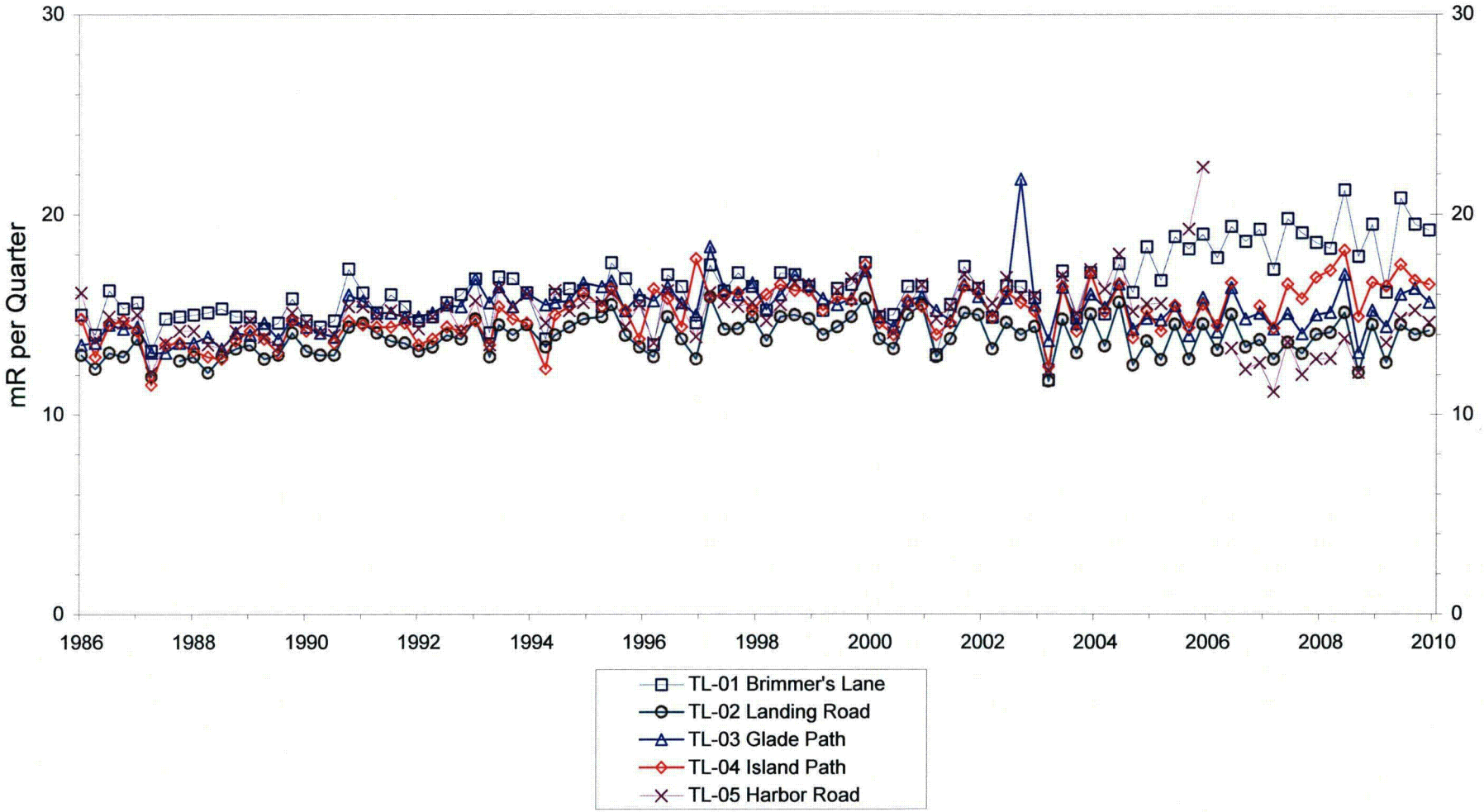


FIGURE 3.7

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

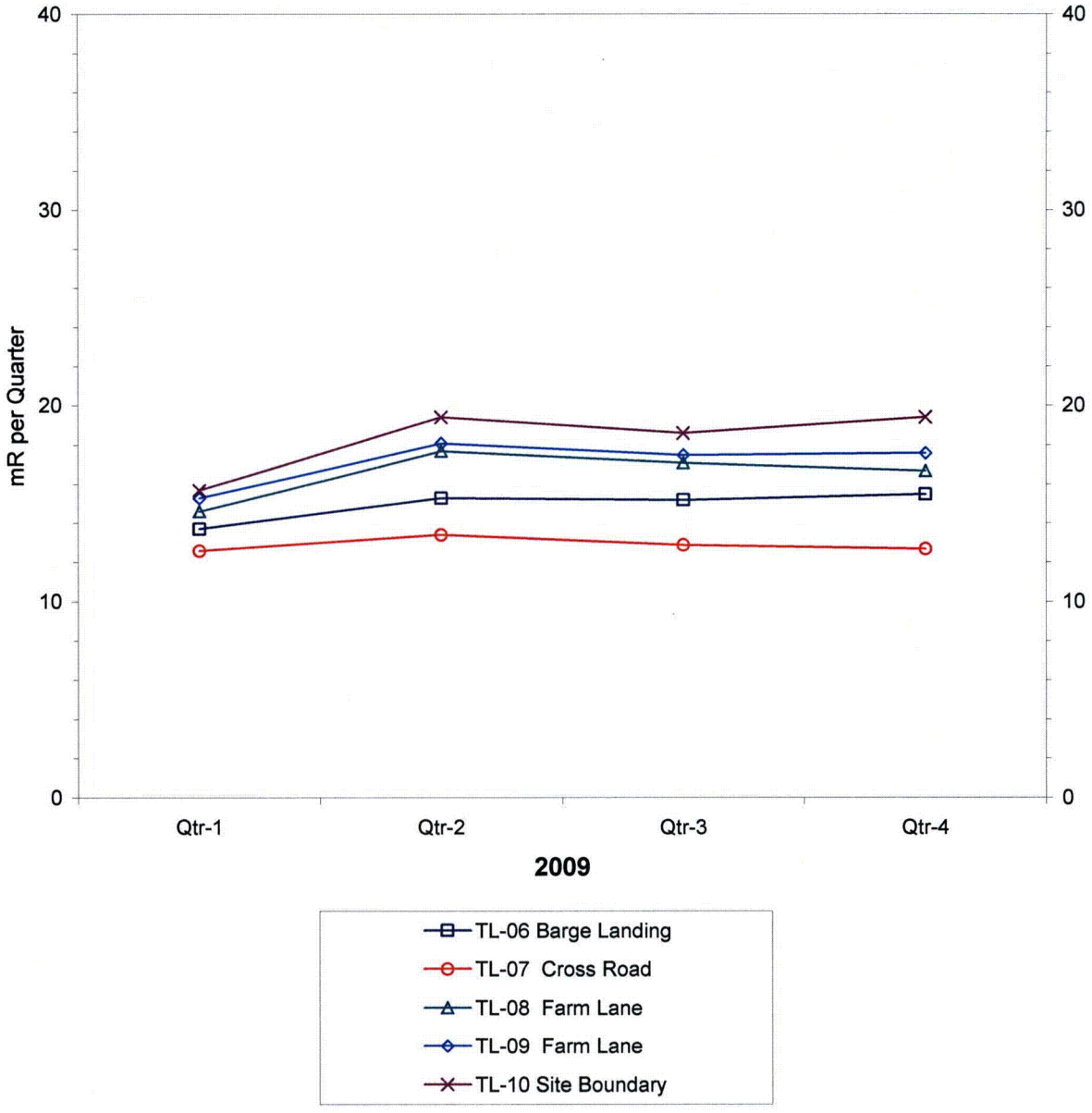


FIGURE 3.7.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

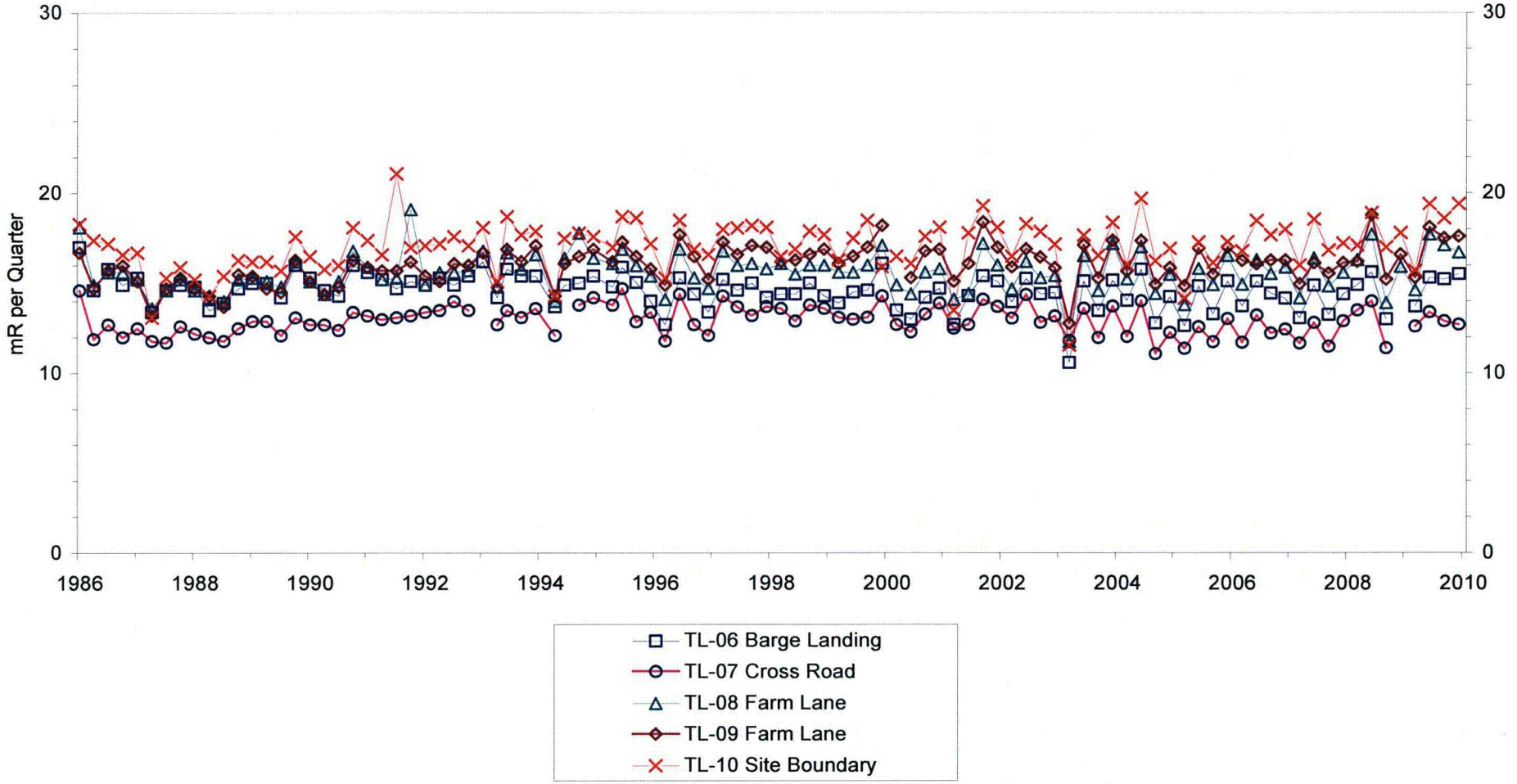


FIGURE 3.8

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

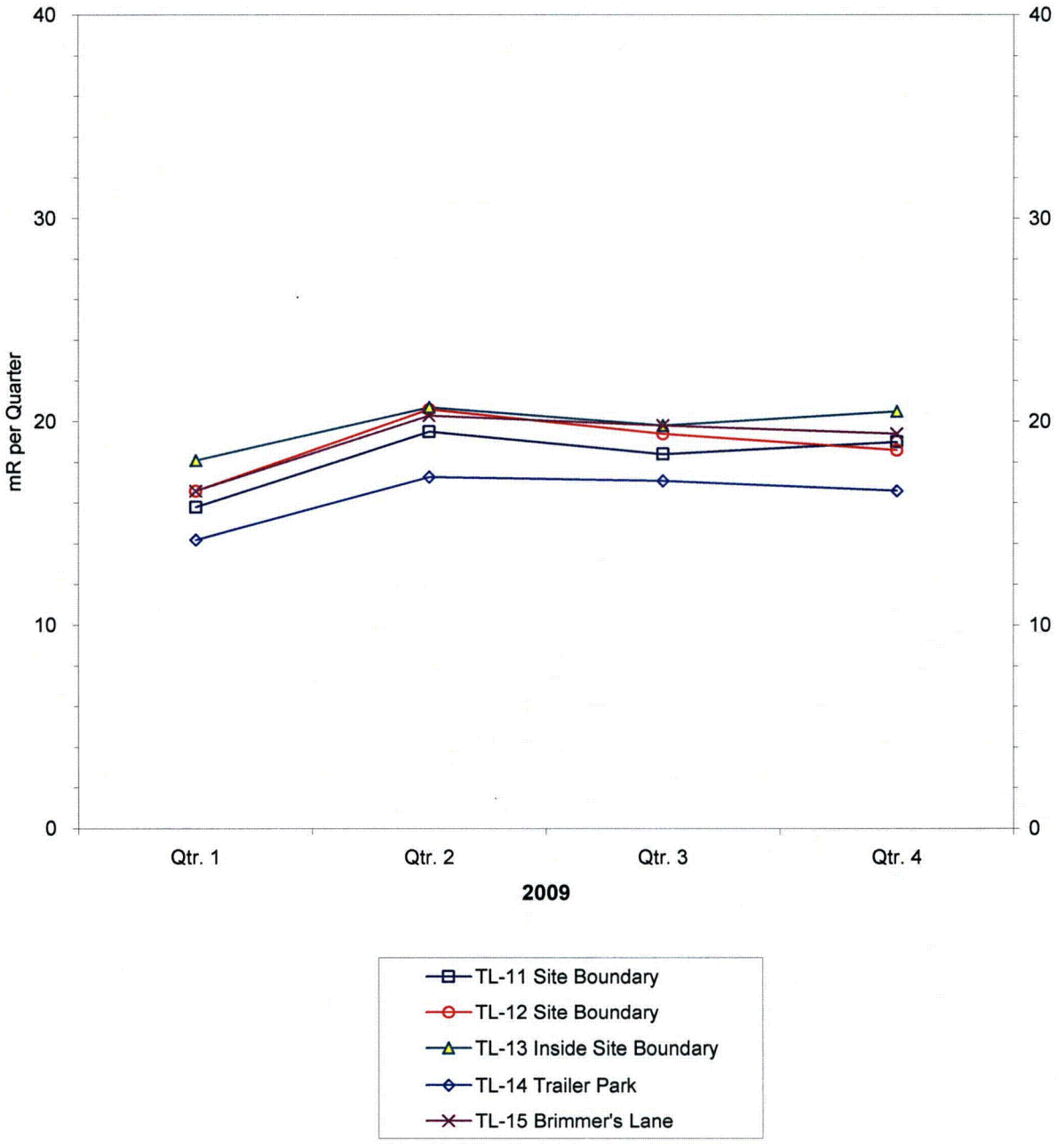


FIGURE 3.8.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

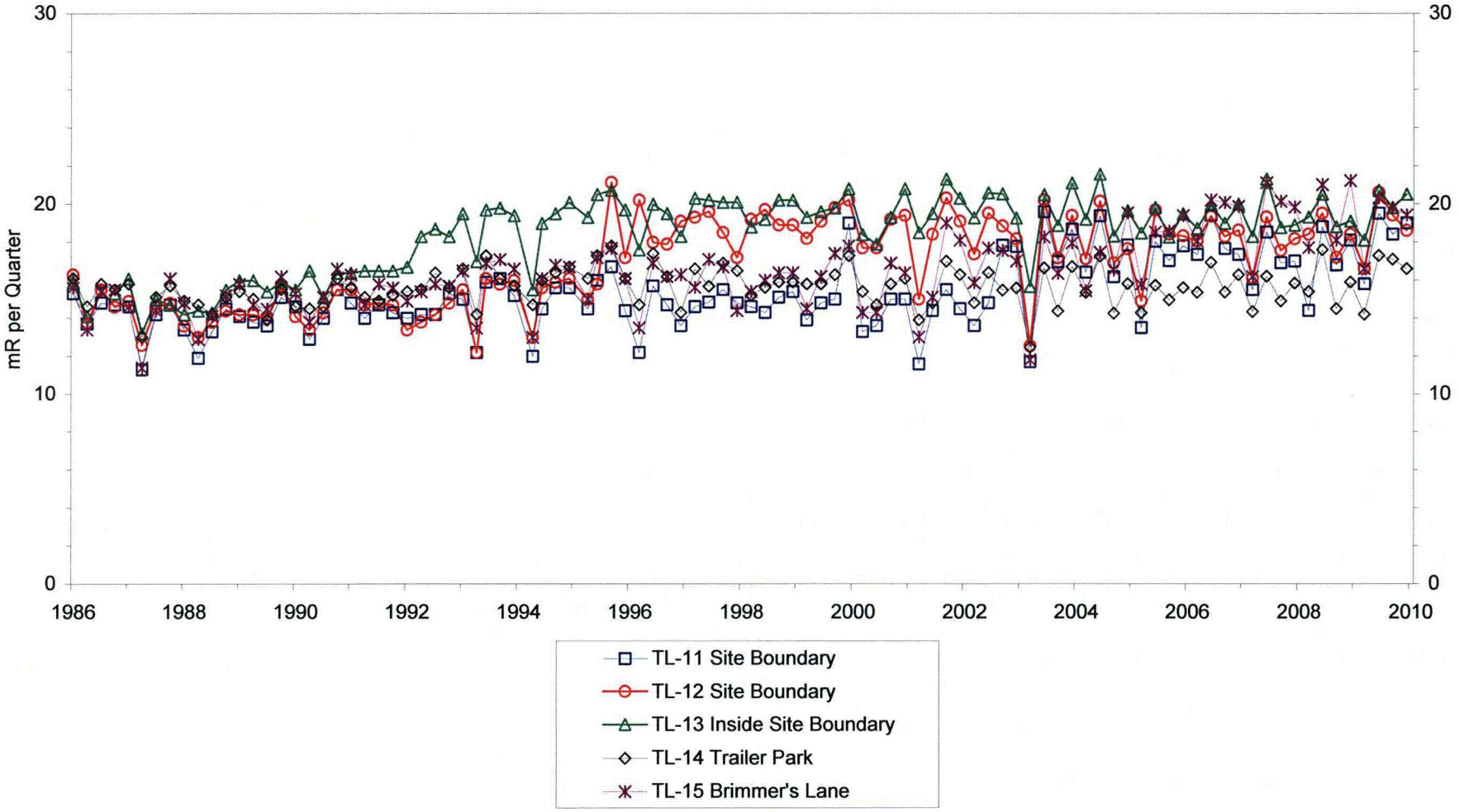


FIGURE 3.9

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

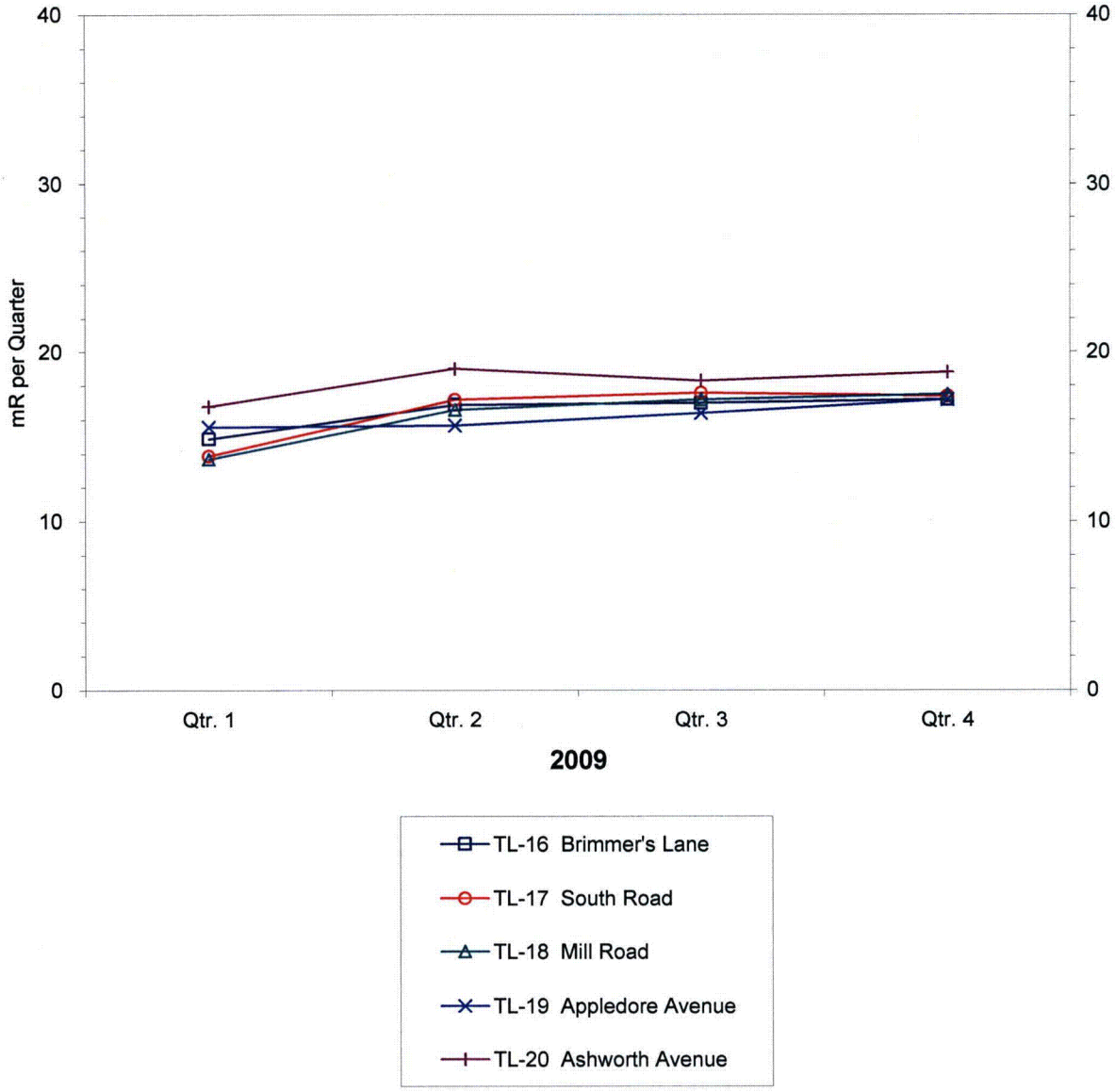


FIGURE 3.9.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

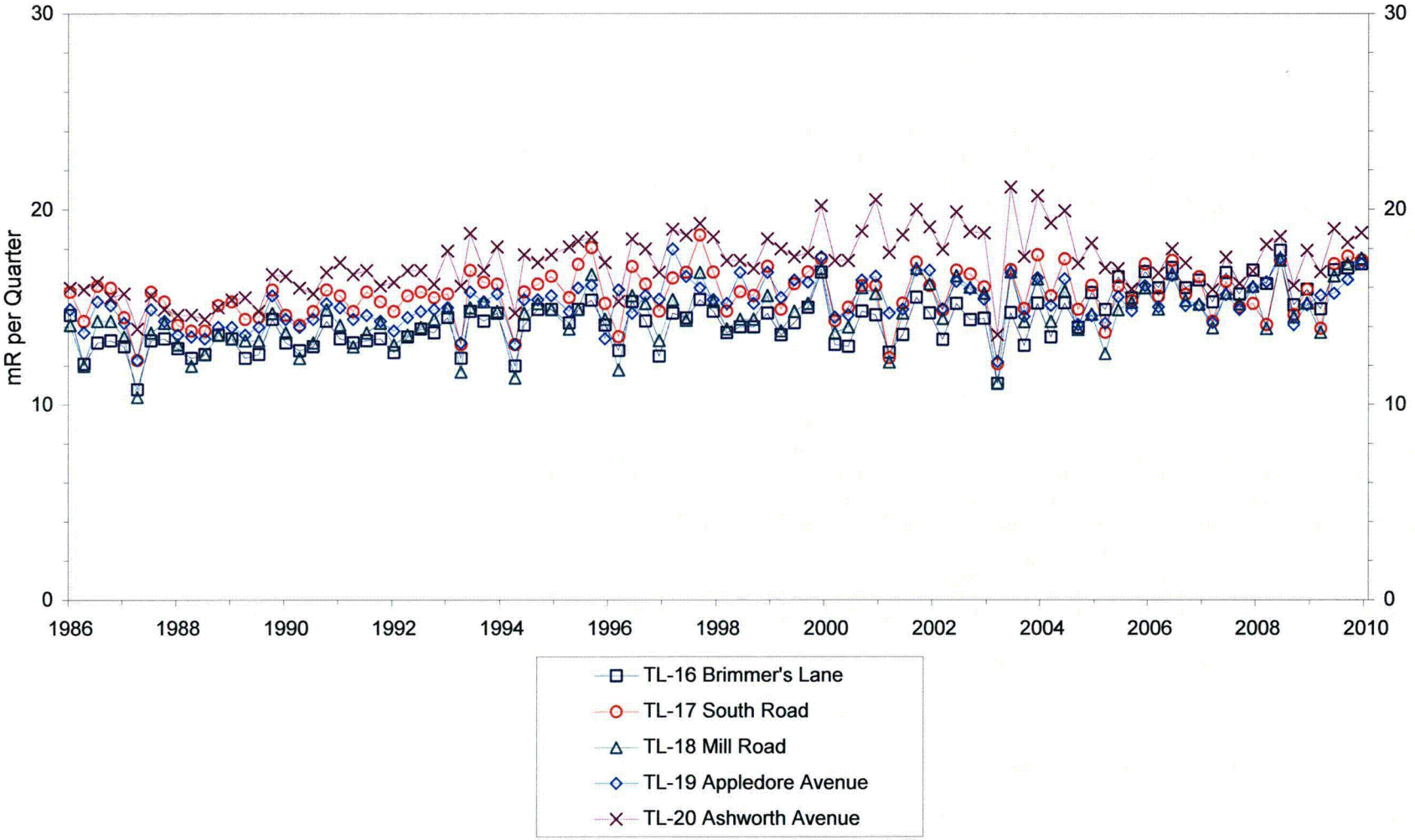


FIGURE 3.10

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

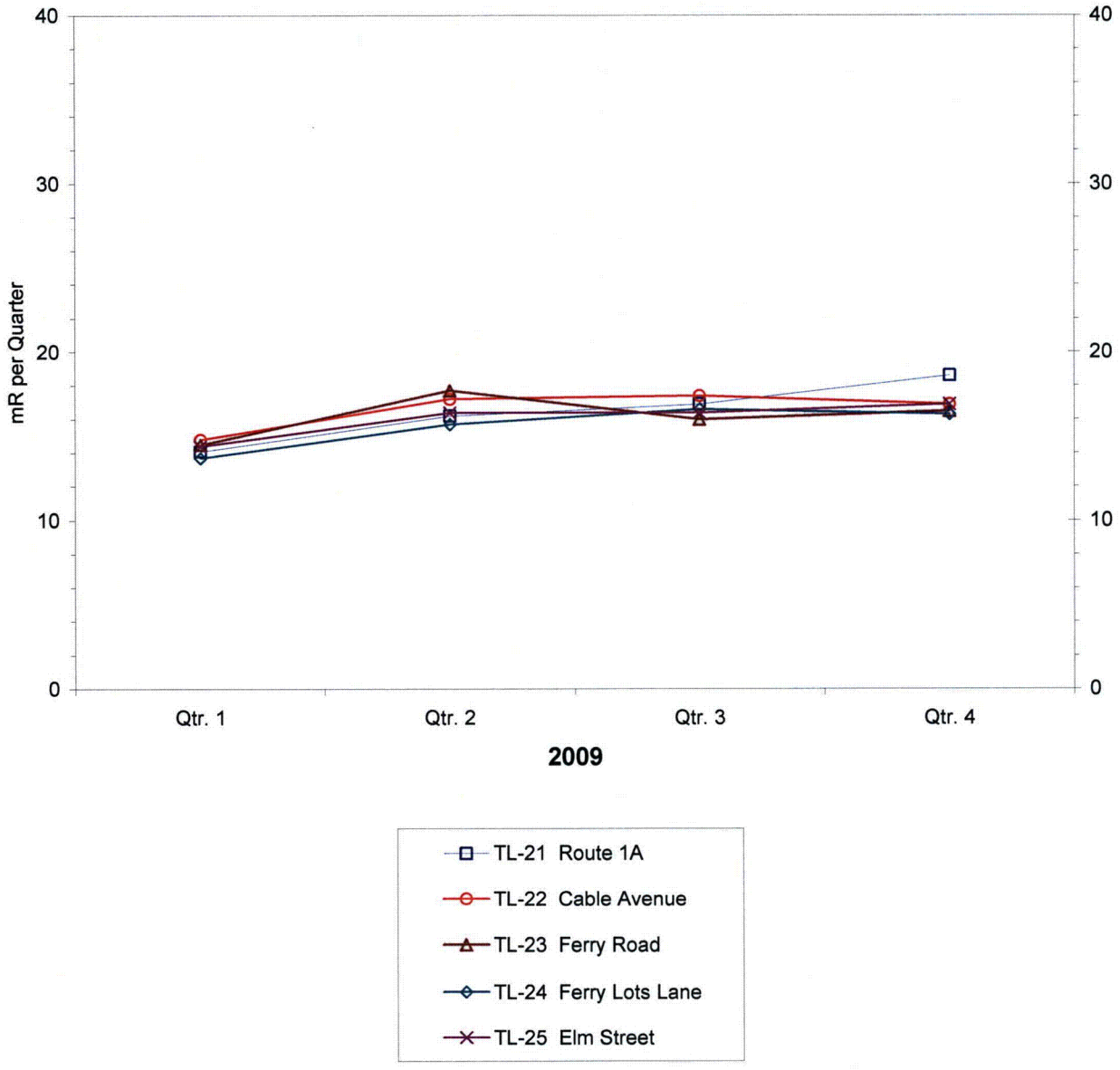


FIGURE 3.10.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

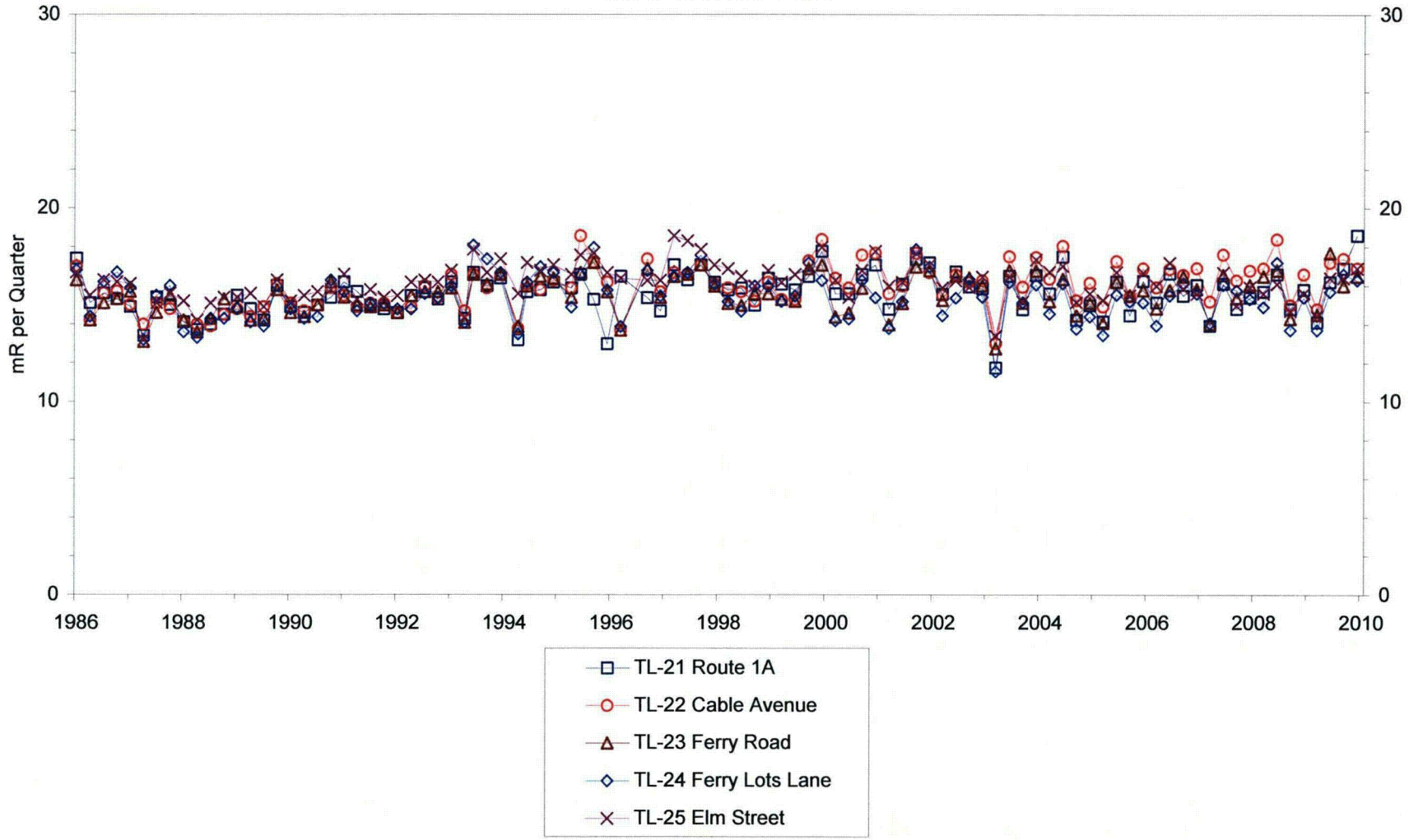


FIGURE 3.11

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

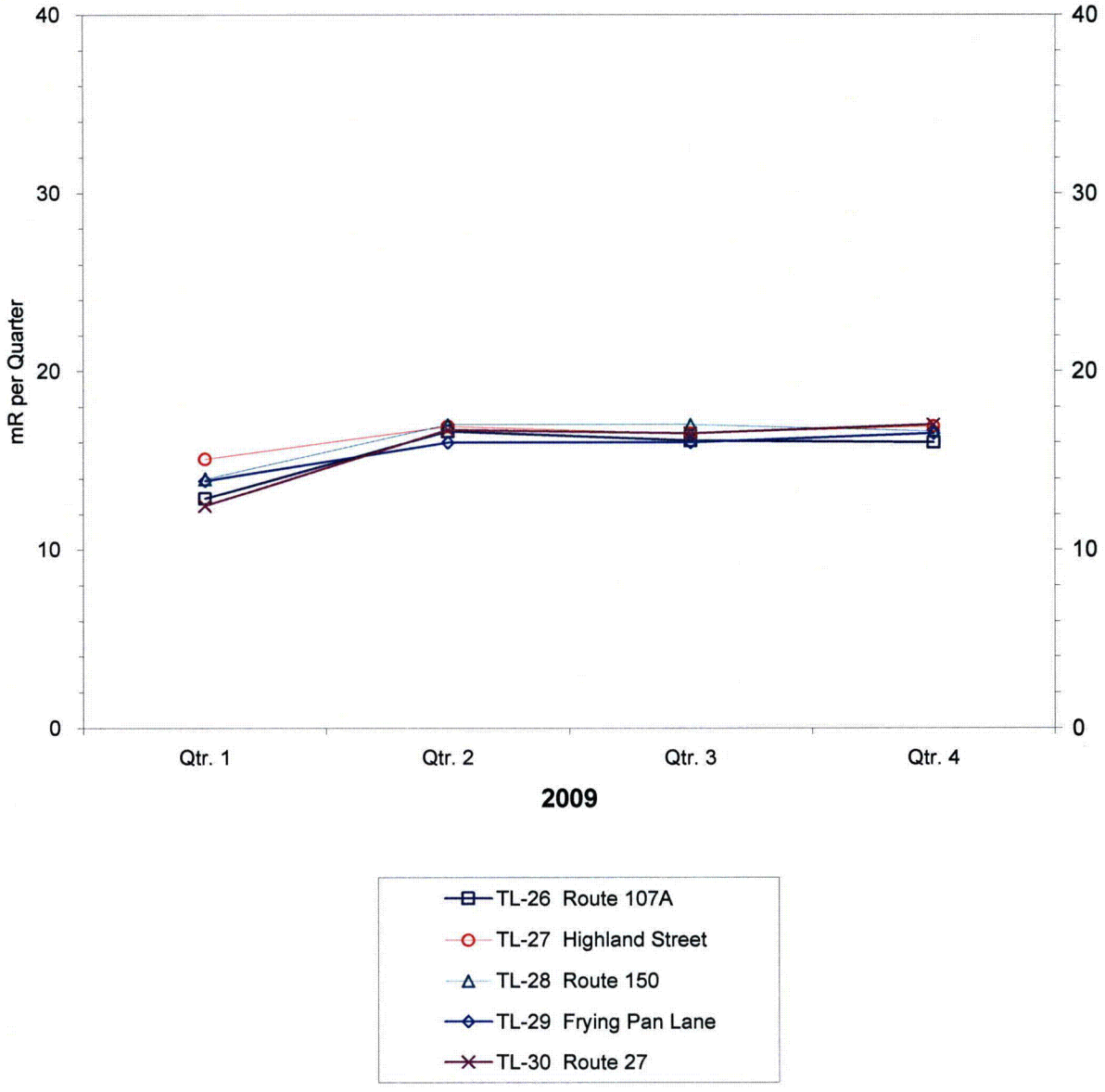


FIGURE 3.11.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

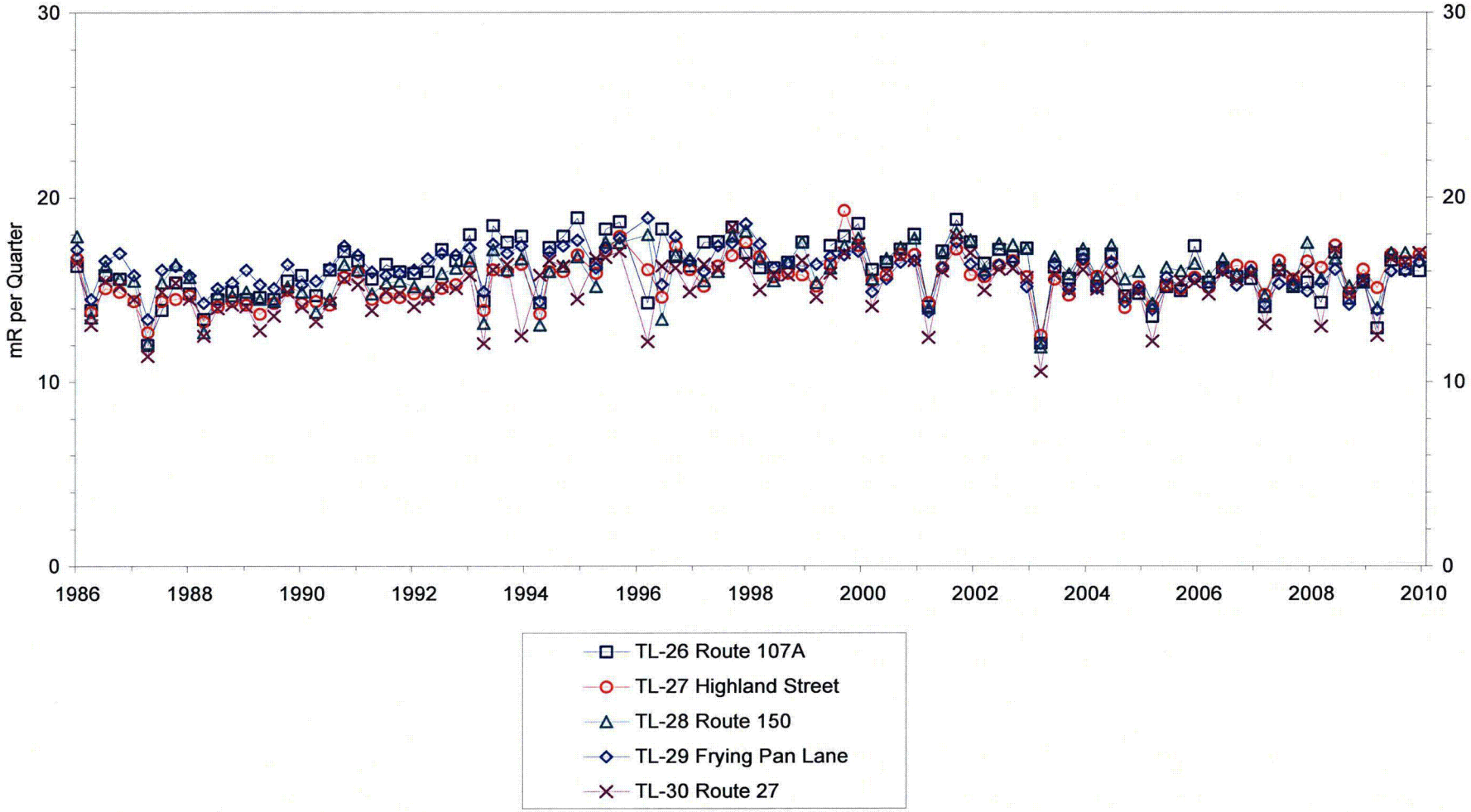


FIGURE 3.12

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

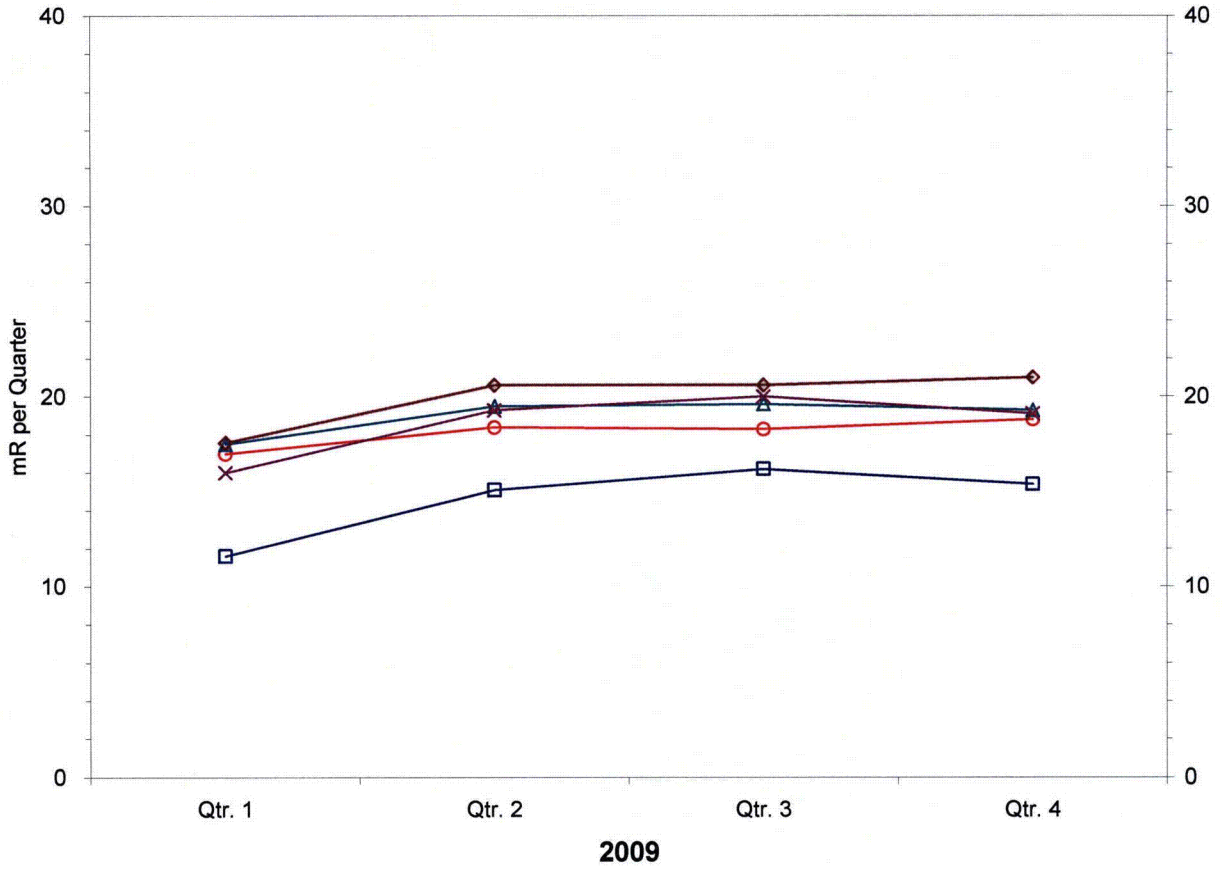


FIGURE 3.12.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

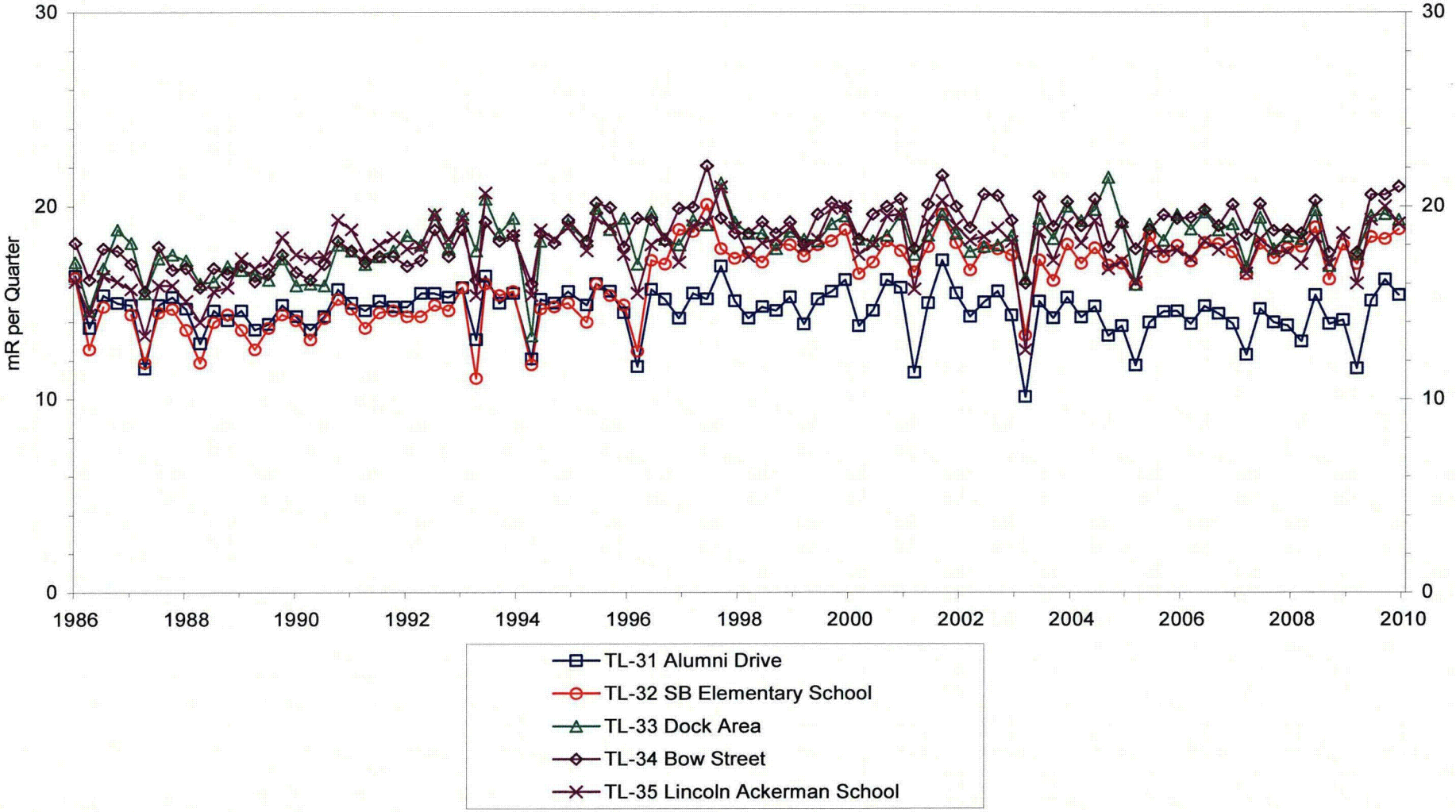


FIGURE 3.13

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

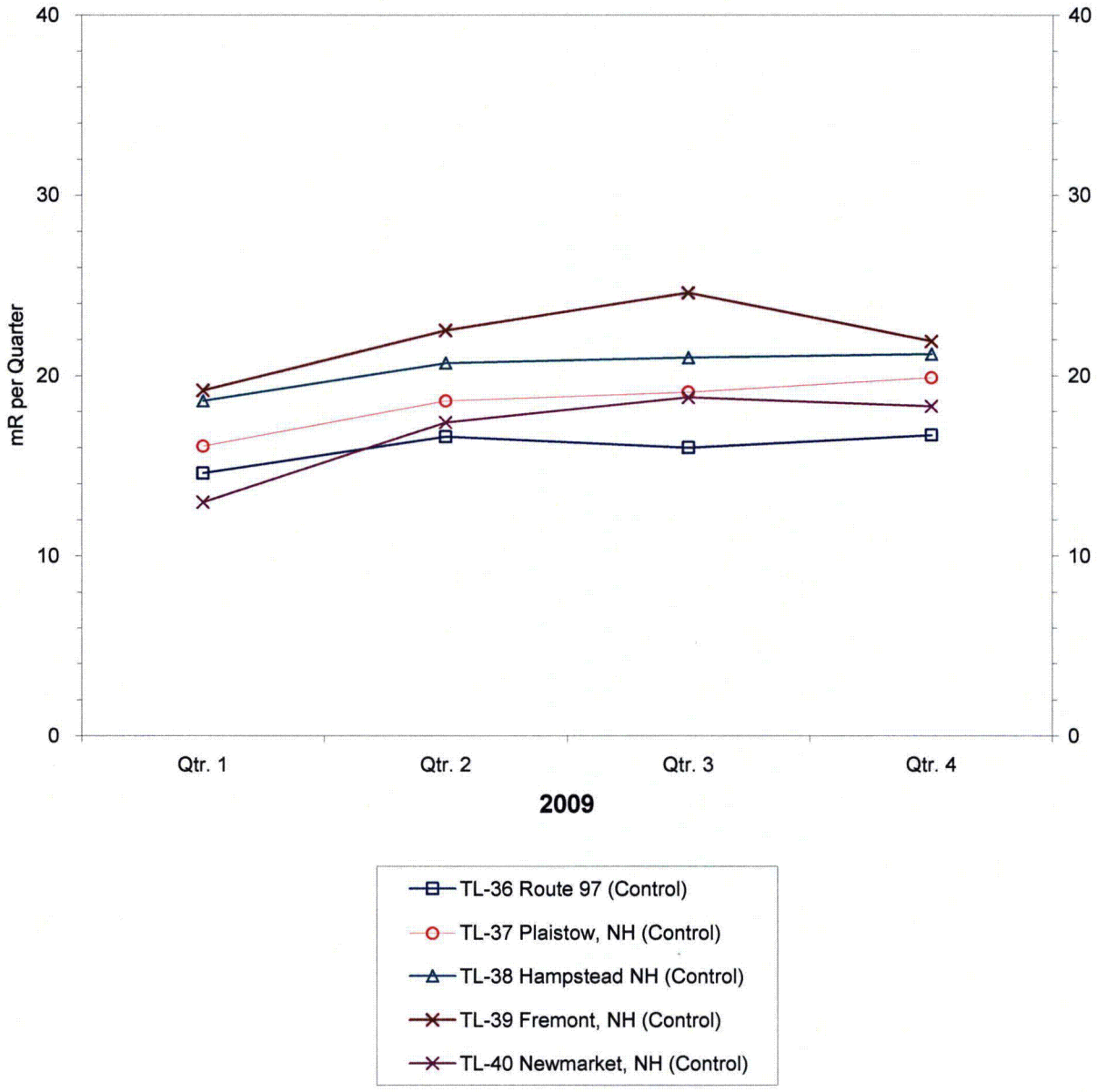


FIGURE 3.13.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

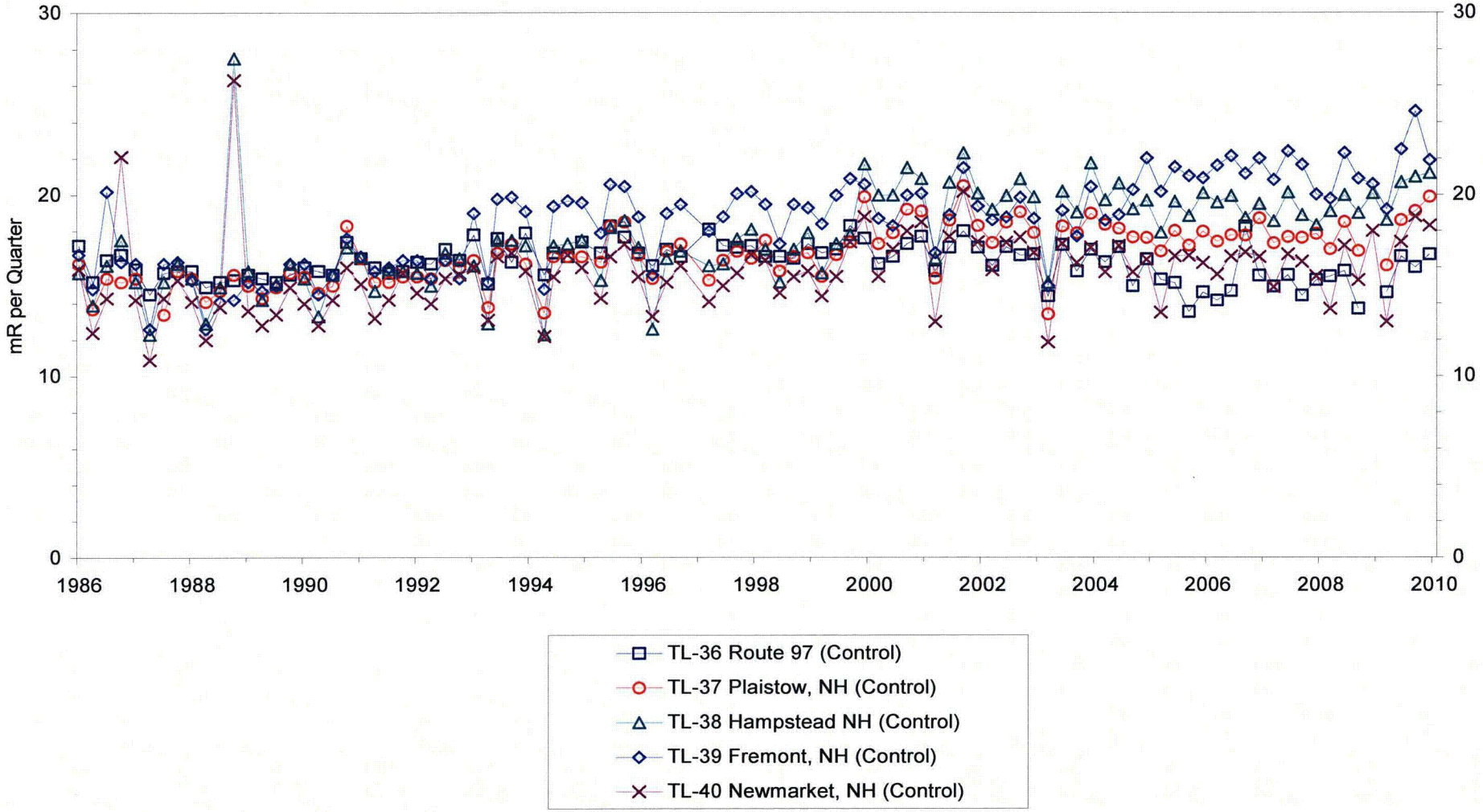


FIGURE 3.14

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

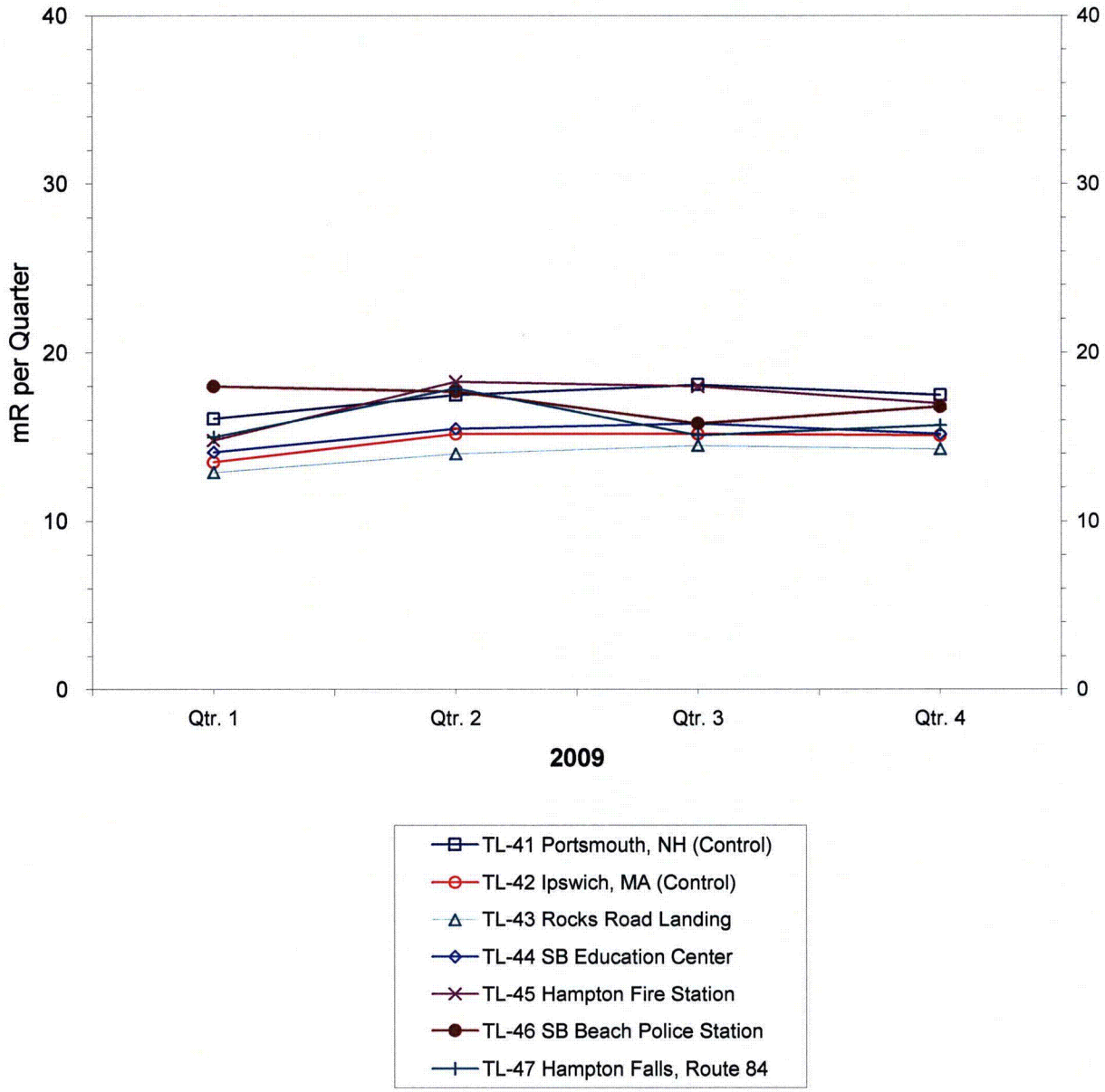
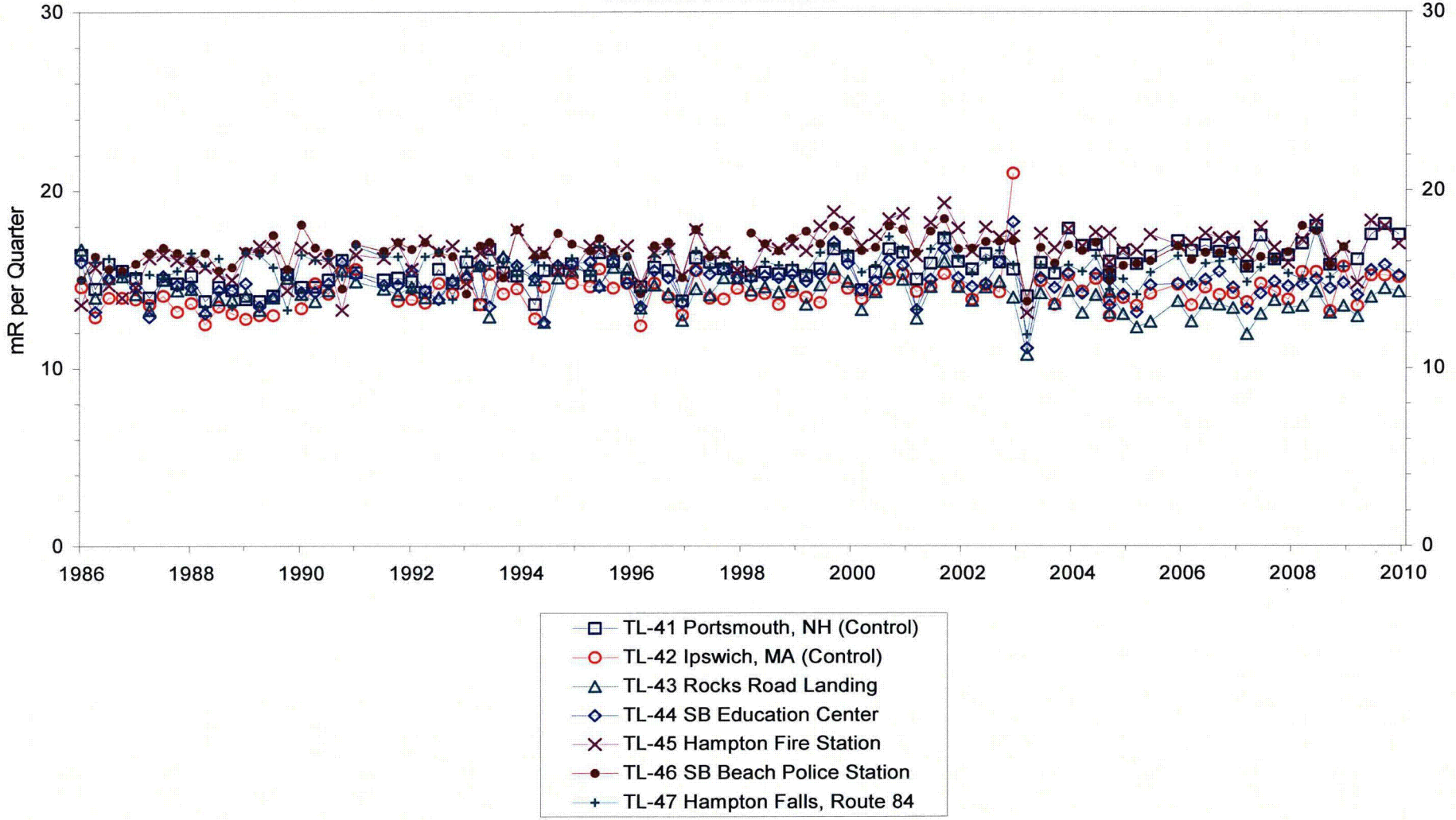


FIGURE 3.14.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



4.0 Dry Fuel Storage Environmental Monitoring Program & Summary Data

The Dry Fuel Storage (DFS) radiological environmental monitoring program required by ODCM Control C.9.4.1 provides representative measurements of direct (including scattered) radiation exposure at those locations that have the highest potential for dose to members of the public resulting from dry fuel storage operations. The design of the storage facility is such that there are no liquid or gaseous effluents released to the environment from DFS and, therefore, no associated exposure pathways for liquids and gases requiring the collection and analysis of such sample media. As a result, only direct (including scattered) radiation from the DFS modules need to be monitored for integrated exposures in areas where doses to members of the public need to be limited.

At locations near the DFS where members of the public might be present (off-site areas near the site boundary and on-site special use locations; Science and Nature Center and Fitness Center), TLDs were placed at least 1 year (4 quarterly measurements) prior to used fuel being placed into storage. The DFS received its first load of fuel for storage on July 28, 2008. A total of 6 fuel canisters were placed in the NUHOMS© Horizontal Storage Modules (HSM) on the DFS pad during 2008 with the last one being loaded on September 4, 2008. On September 5, 2008, the final storage configuration for the remainder of the year, including the placement of jersey barriers in front of the HSM bottom vents for additional scatter shielding, was achieved. No fuel transfers into or out of the DFS were made in 2009.

The DFS radiological environmental monitoring stations are listed in Table 4.0-1. The measurement locations with respect to the Seabrook site area are shown on Figure 4.0.1.

4.1 Direct Radiation from DFS

As with the plant operations TLD program described in Section 3.13, the DFS TLD exposure rates were normalized to a 91-day quarter. A summary of the 2009 data for the DFS REMP is shown in Table 4.1-1. Figures 4.1, 4.2 and 4.3 show the quarterly 2009 TLD trend lines for the control and indicator monitoring locations. Figures 4.4 and 4.5 provide a comparison of long term trend lines (8 years) for the same control locations, site boundary and special use sites. Overall, the direct radiation program showed no statistically significant indication of increased direct radiation above the variable background measured exposure rate in unrestricted areas. This is illustrated by the comparison of indicator location results with control locations which showed no significant difference (of greater than 20%). The 2009 annual mean of all indicator locations for the DFS was 18.0 mR/91-day quarter with the mean of all control locations also calculated as 18.0 mR/91-day quarter. There was no statistical difference detected in the annual exposure rates in areas were members of the public could be located (site boundary and inside special use locations). One on-site location (TL-67), a low occupancy outside area next to the parking lot associated with the fitness center, did indicate an apparent 12.3% increase in exposure above the average background when the four quarters of pre-operational TLD data are compared to the 2009 quarterly average TLD data at this location. It should also be noted that the quarterly readings at TL-67 still fall within the observed spread of quarterly readings from control stations TL-39 and TL-38.

The DFS radiation monitoring program in 2009 demonstrated that there was no offsite dose to the members of the public or detectable on-site exposures where members of the public are permitted (Science and Nature Center and Fitness Center) from the operations of the DFS.

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 5

Figure 4.0.1
Dry Fuel Storage TLD Environmental Monitoring Locations

Table 4.0-1
Dry Fuel Storage (DFS) TLD Monitoring Locations

Site Designation Code	TLD Sample Location Description	Distance From DFS Pad (km)	Direction From DFS Pad
TL-44	On-site, outside Science & Nature Center [1]	0.21	ESE
SB-36	On-site, inside Science & Nature Center	0.24	SE
TL-67	On-site, outside near Fitness Center parking [1]	0.05	S
SB-35	On-site, inside Fitness Center	0.08	S
TL-68	Nearby site boundary (dump) to DFS	0.45	W
TL-69	Nearby site boundary (Rocks Rd) to DFS	0.47	W
TL-10	Site Boundary Fence [2]	0.81	S
TL-11	Site Boundary Fence [2]	0.52	SSW
TL-12	Site Boundary fence [2]	0.53	WSW
TL-13	Inside Site Boundary [2]	0.61	WNW
TL-14	Trailer Park, Seabrook [2]	0.94	NW
TL-36	Rt 97, Georgetown (Control) [2]	22	SSW
TL-37	Plaistow, NH (Control) [2]	21	WSW
TL-38	Hampstead, NH (Control) [2]	27	W
TL-39	Fremont, NH (Control) [2]	27	WNW
TL-40	Newmarket, NH (Control) [2]	22	NNW
TL-41	Portsmouth, NH (Control) [1][2]	22	NNE
TL-42	Ipswich, MA (Control) [1][2]	22	SSE

(1) This location is not part of the required DFS radiological monitoring program as defined in Table A.9.4-1 of the Seabrook ODCM.

(2) Shared environmental monitoring locations for both Seabrook Station REMP and DFS monitoring.

TABLE 4.1-1

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

2009

Sta. No.	Description	1st Quarter Exp.	S.D.	2nd Quarter Exp.	S.D.	3rd Quarter Exp.	S.D.	4th Quarter Exp.	S.D.	Annual Ave. Exp.
TL-44	Outside Science & Nature C. (1)	14.1	± 0.9	15.5	± 0.7	15.8	± 1.2	15.2	± 0.6	15.2
SB-36	Inside Science & Nature C.	16.5	± 0.8	17.7	± 1.1	16.7	± 0.8	17.3	± 1.0	17.1
TL-67	Outside Fitness Center (1)	20.3	± 1.0	21.5	± 1.6	24.2	± 1.5	23.6	± 1.5	22.4
SB-35	Inside Fitness Center	16.0	± 0.7	17.6	± 1.1	17.8	± 0.8	17.6	± 0.7	17.3
TL-68	Nearby Site Boundary to DFS	14.8	± 0.6	16.4	± 0.9	17.9	± 1.2	17.9	± 1.0	16.8
TL-69	Nearby Site Boundary to DFS	17.5	± 1.2	17.9	± 0.8	19.3	± 0.9	19.4	± 1.2	18.5
TL-10	Site Boundary Fence (2)	15.7	± 0.7	19.4	± 1.6	18.6	± 1.0	19.4	± 0.8	18.3
TL-11	Site Boundary Fence (2)	15.8	± 0.8	19.5	± 0.9	18.4	± 1.2	19.0	± 0.8	18.2
TL-12	Site Boundary Fence (2)	16.6	± 0.7	20.6	± 1.0	19.4	± 0.8	18.6	± 0.7	18.8
TL-13	Inside Site Boundary (2)	18.1	± 1.0	20.7	± 1.5	19.8	± 1.3	20.5	± 1.2	19.8
TL-14	Trailer Park Seabrook (2)	14.2	± 0.6	17.3	± 1.4	17.1	± 1.0	16.6	± 0.9	16.3
TL-36	Rt 97, Georgetown (control) (2)	14.6	± 0.7	16.6	± 0.8	16.0	± 0.7	16.7	± 0.6	16.0
TL-37	Plaistow, NH (Control) (2)	16.1	± 1.1	18.6	± 1.0	19.1	± 1.5	19.9	± 1.1	18.4
TL-38	Hampstead, NH (Control) (2)	18.6	± 0.9	20.7	± 1.0	21.0	± 0.9	21.2	± 1.3	20.4
TL-39	Fremont, NH (Control) (2)	19.2	± 0.7	22.5	± 1.1	24.6	± 1.3	21.9	± 1.0	22.1
TL-40	Newmarket, NH (Control) (2)	13.0	± 0.7	17.4	± 0.9	18.8	± 0.8	18.3	± 1.1	16.9
TL-41	Portsmouth, NH (Control) (1) (2)	16.1	± 1.0	17.5	± 0.7	18.1	± 0.9	17.5	± 0.6	17.3
TL-42	Ipswich, MA (Control) (1) (2)	13.5	± 0.7	15.2	± 0.7	15.2	± 0.8	15.1	± 0.6	14.8
	Mean of Indicators	16.2		18.5		18.8		18.7		18.0
	Mean of Controls	15.9		18.4		19.0		18.7		18.0

(1) This location is not part of the DFS program required by the ODCM.
(2) Shared environmental monitoring locations for both plant REMP and DFS monitoring.

FIGURE 4.1

DFS CONTROL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

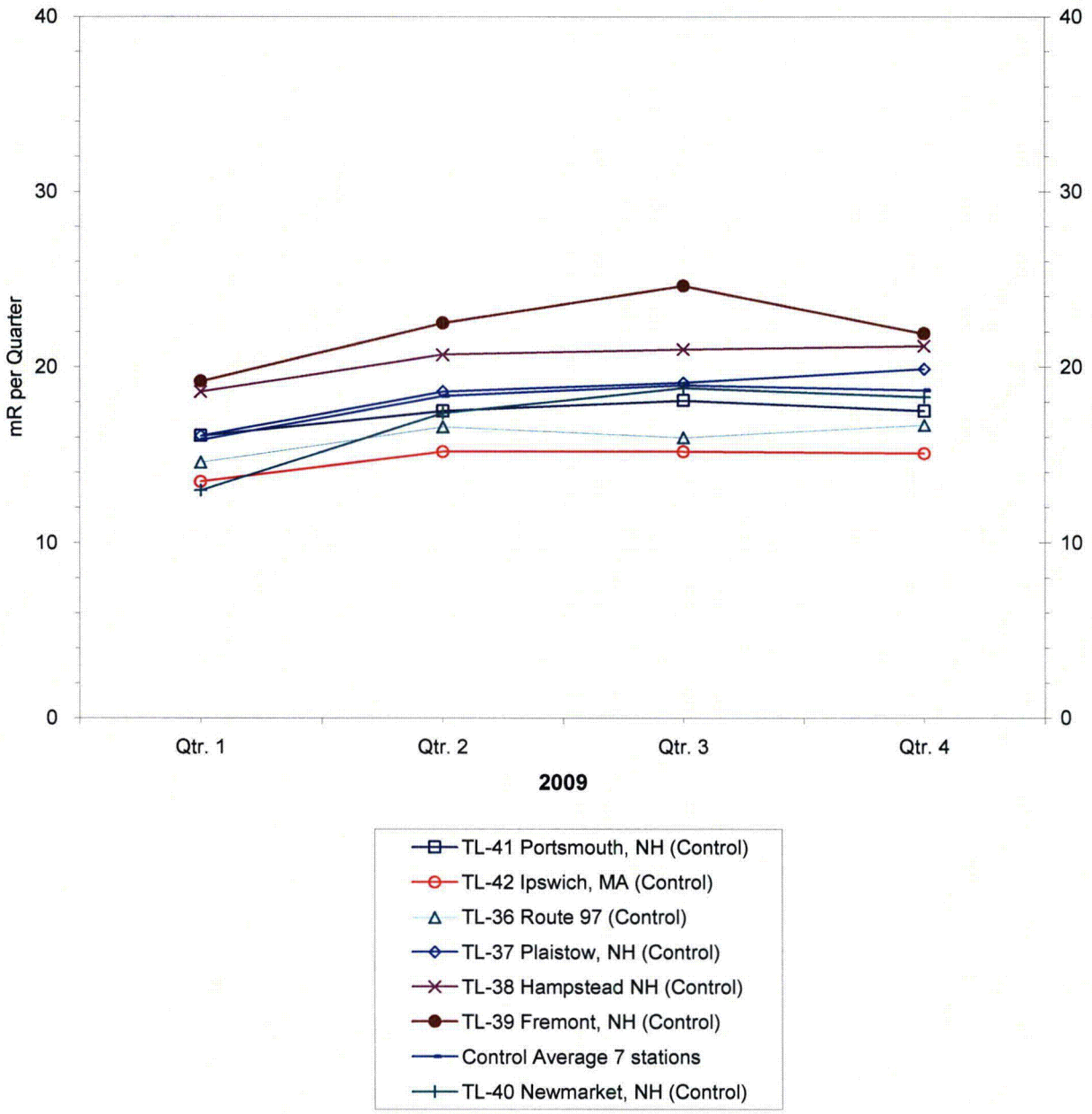


FIGURE 4.2

DFS ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

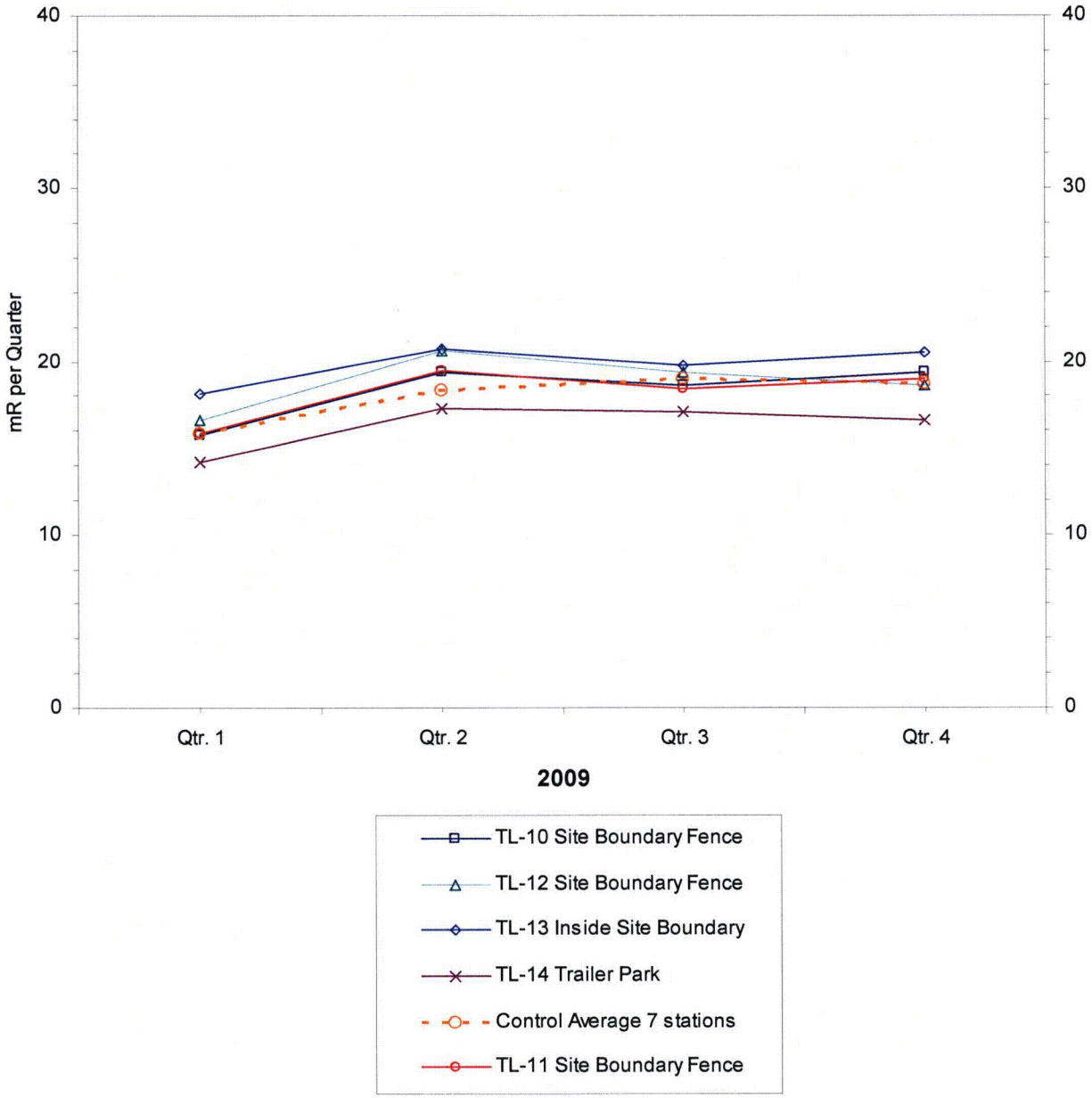


FIGURE 4.3

DFS ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

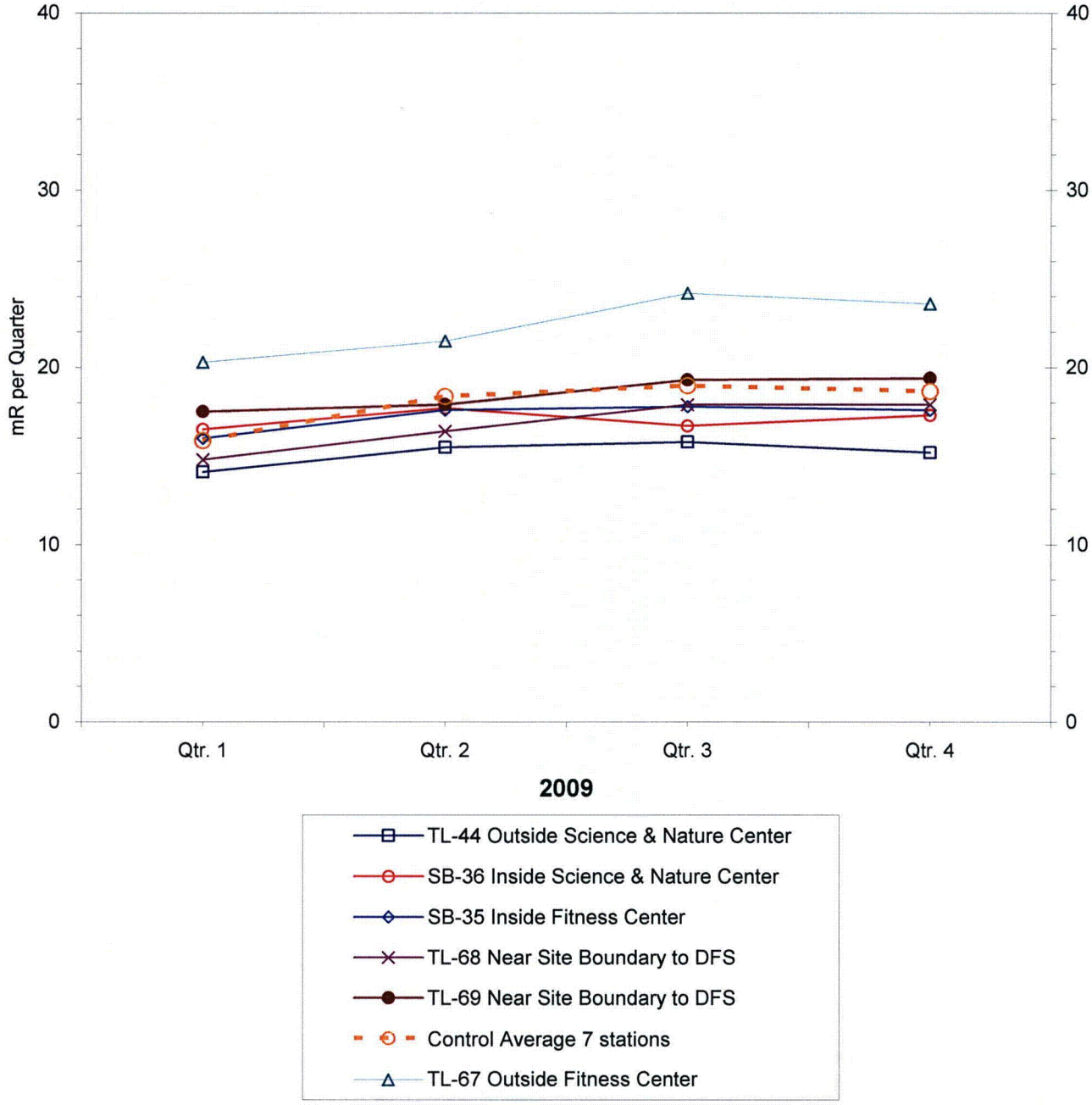


FIGURE 4.4

DFS CONTROL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

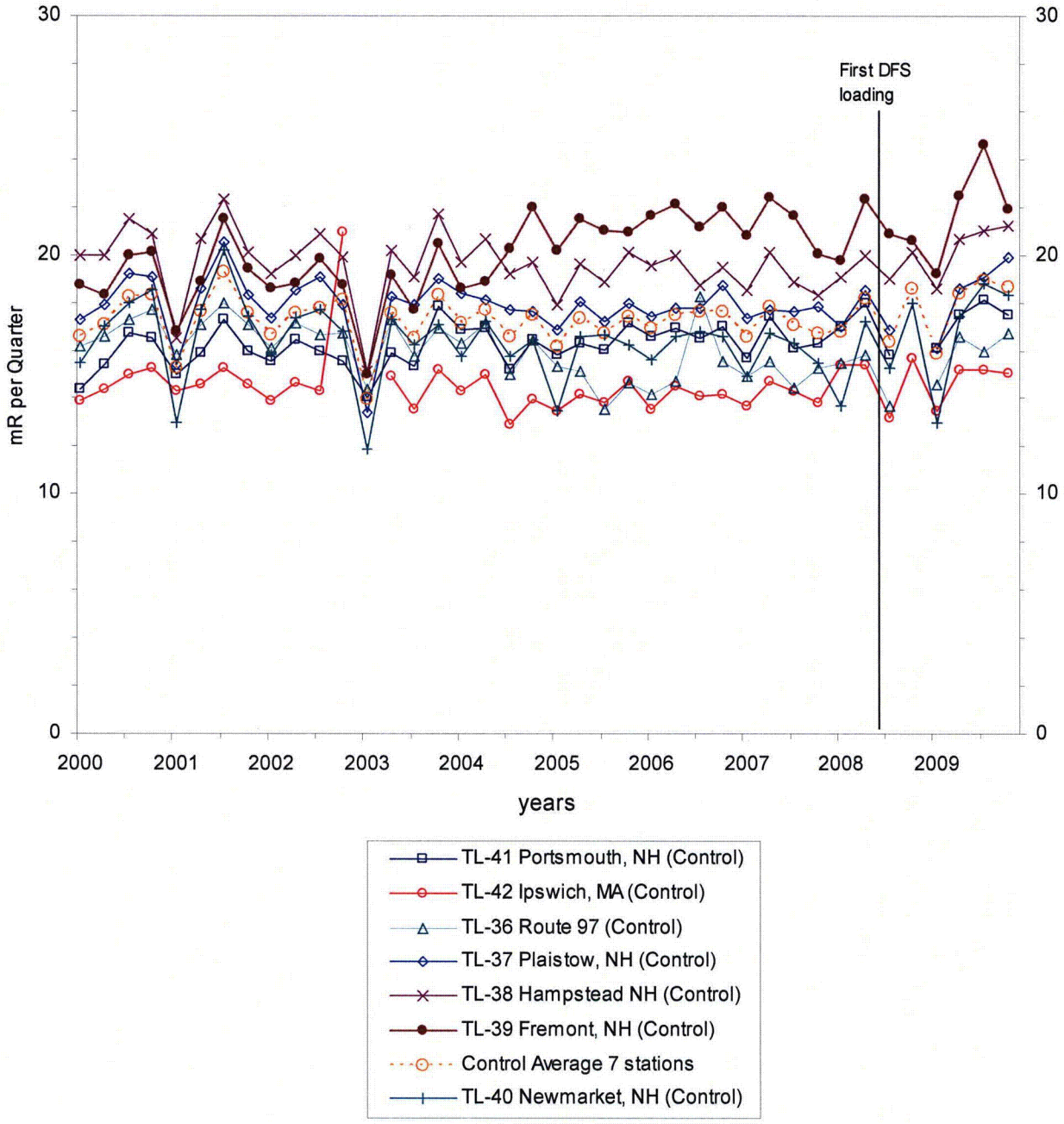


FIGURE 4.5

DFS RADIATION MEASUREMENTS TRENDS (USING TLDs)
SEABROOK STATION

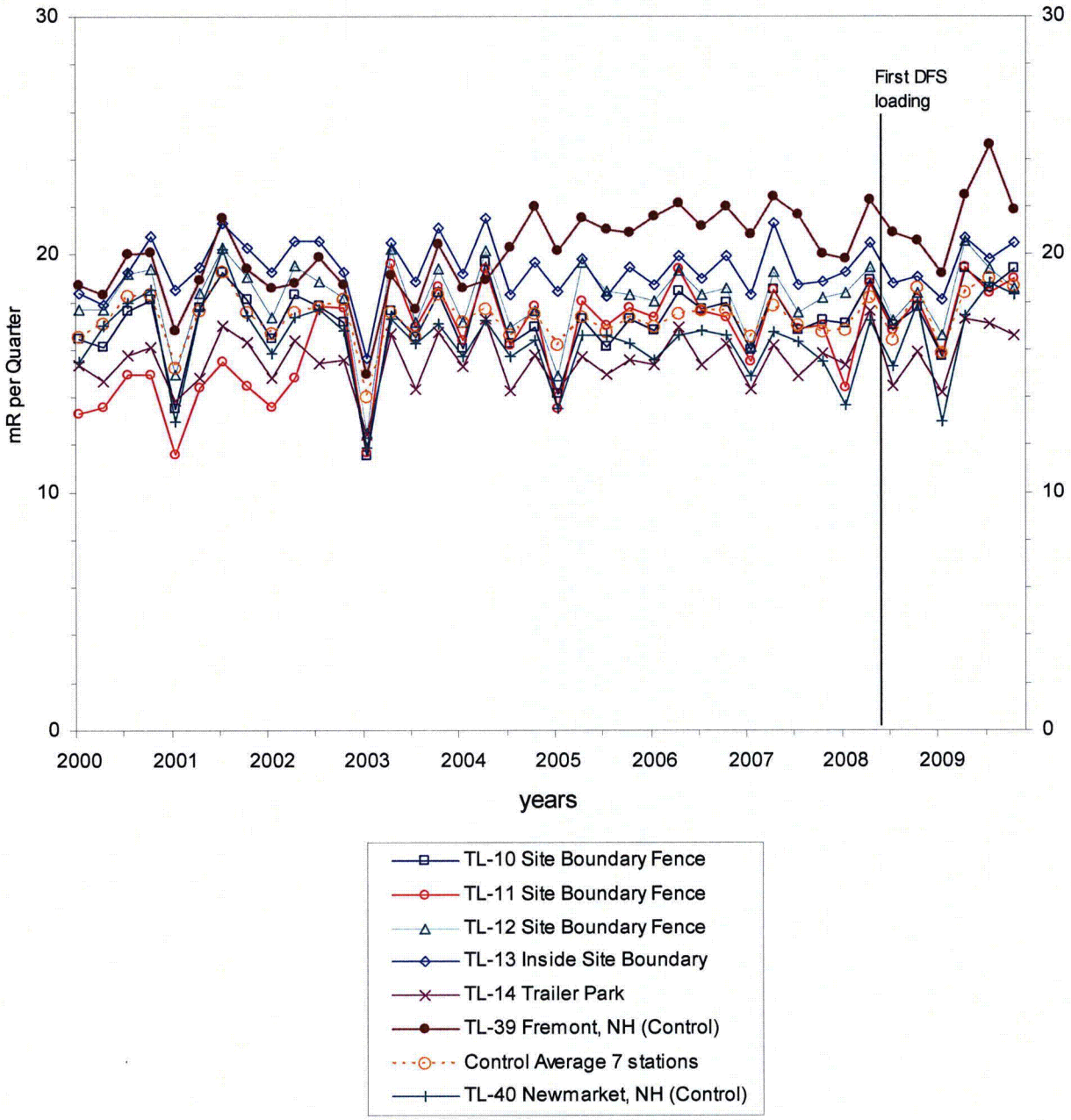
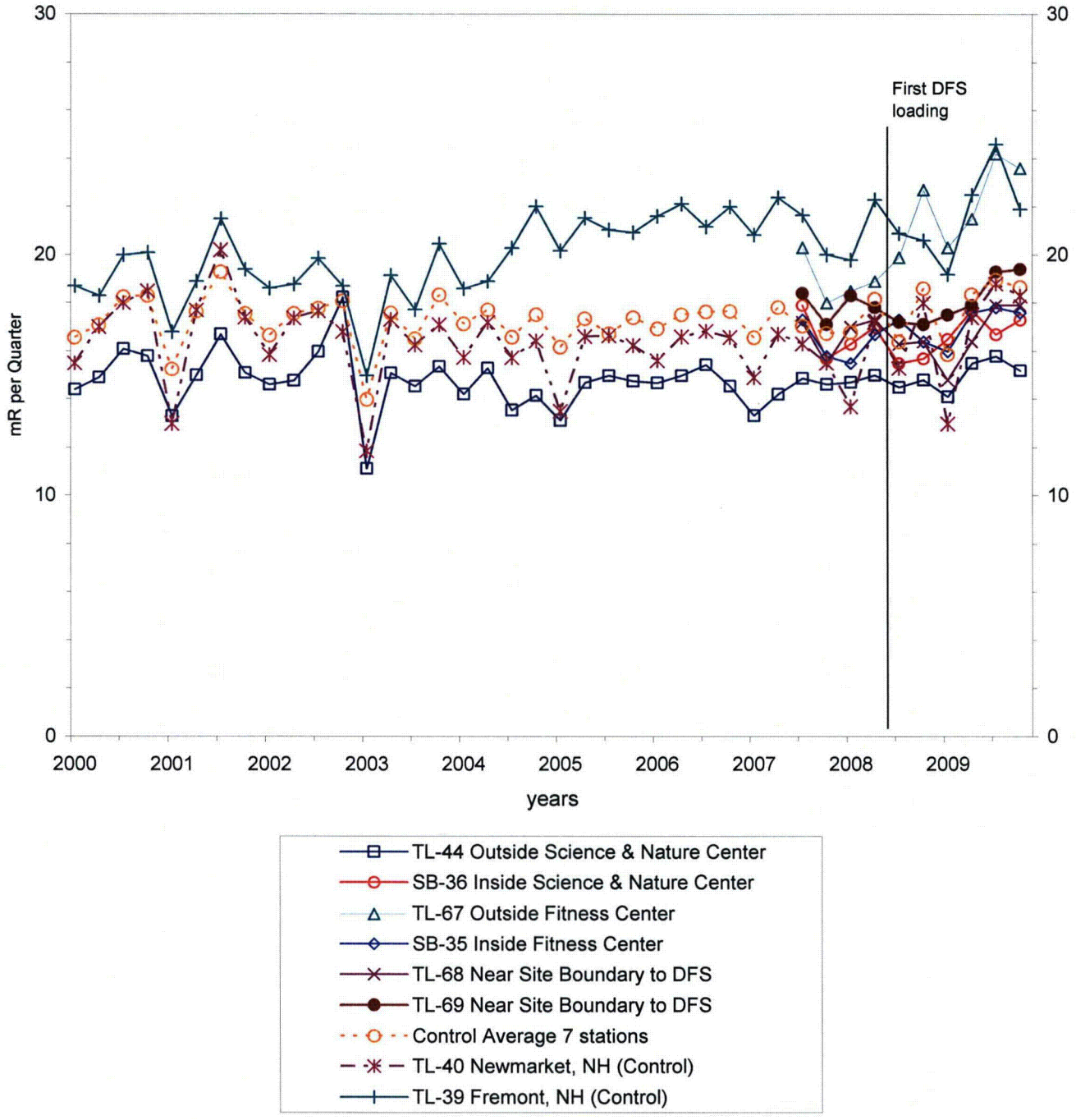


FIGURE 4.6

DFS RADIATION MEASUREMENTS TRENDS (USING TLDs)
SEABROOK STATION



5.0 Program Deviations and Reporting

5.1 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 2009 are as follows:

- On 2/11/2009, power to air sampling station AP/CF-03 [Southwest Boundary (Rock Pile)] was disconnected for maintenance activities on the associated power transform for approximately 3.7 hours. Power was restored to the air sampler when maintenance activity was completed. The out of service time did not impact the ability to collect sufficient sample volume over the 14 day collection cycle for analysis.

- On 3/9/2009, a loss of local power was recorded to air sampling station AP/CF-09 (Georgetown) from 05:49 Hrs to 07:09 Hrs, approximately 1.33 hours. The out of service time did not impact the ability to collect sufficient sample volume over the 14 day collection cycle for analysis.

- On 3/11/2009, a loss of regional power was recorded to air sampling stations AP/CF-01 (Barge Landing area), AP/CF-02 (Hampton Marina), AP/CF-03 (Rock Plie), AP/CF-04 (Plate Yard), AP/CF-05 (Winnacunnet High School) and AP/CF-08 (Exeter & Hampton Electric) from 14:00 Hrs to 14:16 Hrs, approximately 0.27 hours. The out of service time did not impact the ability to collect sufficient sample volume over the 14 day collection cycle for analysis.

- On 7/27/2009, power to air sampling station AP/CF-02 [Hampton Marina] was disconnected for repairs to electrical wiring providing power to the air sampler. The power was off for approximately 44 hours between 07/27/09 13:30 Hrs and 07/29/09 09:30 Hrs. Power was restored to the air sampler when maintenance activity was completed. The out of service time did not impact the ability to collect sufficient sample volume over the 14 day collection cycle for analysis.

- On 7/28/2009, it was identified that a shipment of environmental samples to the contractor laboratory was lost in shipment. The shipment included June food crops (strawberries) and broadleaf vegetation, as well as quarterly ground-water sample. The quarterly ground-water sample was able to be re-collected within the sample collection window, but the monthly (June) food crop and vegetation samples were not. An investigation with the shipper to locate the samples was initiated, but unsuccessful.

Additonal Information

On 9/9/09, during a regularly scheduled collection of milk from location TM-09, the farm operator informed the sample collectors that he has stopped his milk production operations and will no longer be able to participate in the REMP. Since milk sampling is not part of the required ODCM REMP due to insufficient number of sample locations available in the site area, the loss of another milk farm does not constitute a deviation from the required sampling program, but is identified here for information only.

5.2 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 5.2-1 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 (E-LAB), 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 better 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 2009, 1430 analyses had an LLD requirement listed in Table 5.2-1, and in every case the LLD requirements were met.

5.3 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 5.3-1 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 2009, no Reporting Levels were exceeded.

Table 5.2-1

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					
I-131	15	0.07		1	60[b]	
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.

b. Broad leaf vegetation only.

Table 5.3-1

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES[a]

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[b]
Cs-134	30	10	1,000	60	1,000
Cs-137	50	20	2,000	70	2,000
Ba-La-140	200			300	

a. Reference Seabrook Station ODCM Table A.9.1-3 for clarifications.
b. Broad leaf vegetation only.

6.0 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 to 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, 2009.

6.1 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 6.1-1 provides the summary of the process control program results for January to December 2009. Of the 478 analyses evaluated for bias, 98.8% passed the acceptance criteria and 95.5% of the 133 results evaluated for precision were acceptable. The E-LAB internal acceptance criteria are summarized at the end of Table 6.1-1.

6.2 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 2008 through the 3rd quarter 2009 are summarized in Table 6.2-1. The 4th quarter 2009 sample results are not included in this report as the final results were not received from the reporting laboratory in the timeframe covered by this report. This data will be provided in the Quality Assurance Program summary for the subsequent year. Each sample is normally analyzed in triplicate and the results are evaluated against the internal acceptance criteria described in 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 6.1-1.

6.3 Environmental TLD Quality Assurance Program

Performance documentation of the routine processing of the Panasonic environmental TLD (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 the Pacific Northwest National Laboratory (typically semi-annually) 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.

Eighty-four internal performance tests were conducted in 2009 by the E-LAB. These tests were made on 14 separate sets of six dosimeters. All of the 84 individual measurements, when evaluated against the acceptance criteria for high-energy photons, met the E-LAB Internal Acceptance Criteria for bias (±20.1%) and precision (±12.8%).

Third party irradiations were performed by the Pacific Northwest National Laboratory. The third party dosimeters were analyzed along with second and fourth quarter client dosimeters. Both sets of six dosimeters passed the mean bias criteria of ±20.1%. All twelve dosimeter evaluations met the E-LAB individual acceptance criteria for bias (±20.1%) and precision (±12.8%).

Percentage of Individual Analyses that passed E-LAB Internal Criteria

Dosimeter Type	Number Tested	% Passed Bias Criteria	% Passed Precision Criteria
Panasonic Environmental	84	100	100

Summary of Third Party Testing

Dosimeter Type	Exposure Period	ANSI Category	% (Bias ± SD) *
Panasonic Environmental	FH 2009	II	8.1 +/- 2.0
	SH 2009	II	-1.8 +/- 2.5

* Performance criteria are the same as the internal criteria.

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 6.1-1
E-LAB RESULTS IN THE INTRALABORATORY PROCESS CONTROL PROGRAM
January - December 2009

	Bias Criteria (1)		Precision Criteria (1), (2)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Air Particulate				
Gross Beta	255	0	0	0
Air Charcoal				
Gamma-Quantitative	156	0	0	0
Food (Aquatic/Terrestrial)				
Gamma	0	0	16	0
Sr-90	0	0	4	0
Milk				
Gamma	0	0	0	0
Iodine (LL)	3	0	3	0
Sr-89	0	0	0	0
Sr-90	0	0	0	0
Soil/Sed.				
Gamma	0	0	0	0
Sr-90	0	0	0	0
H-3	0	0	6	0
Vegetation (Aquatic/Terrestrial)				
Gamma	0	0	0	0
Iodine (LL)	0	0	0	0
Water				
Gross Alpha	5	1	8	0
Gross Beta	6	0	10	2
Gamma	26	0	56	2
Iodine (LL)	0	0	0	2
Sr-89	0	0	0	0
Sr-90	3	0	0	0
Tritium	23	0	24	0
Total Number In Range:	**477**	**1**	**127**	**6**
Percentage of Total Processed	**99.8**	**0.2**	**95.5**	**4.5**
Sum of Analyses:	**478**		**133**	

(1) Percent Bias Acceptance Criteria:
≤ 20 (or within 2 sigma of known)
For Gross Alpha and Beta, ≤ 25 (or within 2 sigma of known)
For Sr-89/90, ≤ 25 (or within 2 sigma of known)

Percent Precision Acceptance Criteria:
≤ 20 (or within 2 sigma of mean)

(2) Some Precision data generated from non-positive client samples for specific contractual evaluations.

TABLE 6.2-1

E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM

Quarter 4, 2008 - Quarter 3, 2009

SAMPLE NUMBER	QUARTER/ YEAR	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE[4]	KNOWN VALUE[4]	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6346-162	4th/2008	Water	Gross Alpha	104	114	0.91	Agreement
E6346-162	4th/2008	Water	Gross Beta	208	204	1.02	Agreement
E6347-162	4th/2008	Water	I-131LL	57.5	64.1	0.90	Agreement
E6347-162	4th/2008	Water	I-131	54.3	64.1	0.85	Agreement
E6347-162	4th/2008	Water	Ce-141	209	224	0.93	Agreement
E6347-162	4th/2008	Water	Cr-51	299	288	1.04	Agreement
E6347-162	4th/2008	Water	Cs-134	141	157	0.90	Agreement
E6347-162	4th/2008	Water	Cs-137	134	140	0.96	Agreement
E6347-162	4th/2008	Water	Co-58	115	122	0.94	Agreement
E6347-162	4th/2008	Water	Mn-54	172	178	0.97	Agreement
E6347-162	4th/2008	Water	Fe-59	122	117	1.04	Agreement
E6347-162	4th/2008	Water	Zn-65	203	214	0.95	Agreement
E6347-162	4th/2008	Water	Co-60	154	156	0.99	Agreement
E6348-162	4th/2008	Water	Sr-89	78.8	97.7	0.81	Agreement
E6348-162	4th/2008	Water	Sr-90	14.1	13.4	1.05	Agreement
E6349-162	4th/2008	Water	H-3	10300	10200	1.01	Agreement
E6350-162	4th/2008	Charcoal	I-131	53.1	53.6	0.99	Agreement
E6351-162	4th/2008	Filter	Gross Alpha	72.3	63.2	1.14	Agreement
E6351-162	4th/2008	Filter	Gross Beta	127	113	1.12	Agreement
E6352-162	4th/2008	Filter	Ce-141	112	119	0.94	Agreement
E6352-162	4th/2008	Filter	Cr-51	152	153	0.99	Agreement
E6352-162	4th/2008	Filter	Cs-134	77.8	83.6	0.93	Agreement
E6352-162	4th/2008	Filter	Cs-137	76.8	74.6	1.03	Agreement
E6352-162	4th/2008	Filter	Co-58	63.1	64.9	0.97	Agreement
E6352-162	4th/2008	Filter	Mn-54	91.8	94.6	0.97	Agreement
E6352-162	4th/2008	Filter	Fe-59	60.4	62.5	0.97	Agreement
E6352-162	4th/2008	Filter	Zn-65	110	114	0.96	Agreement
E6353-162	4th/2008	Milk	I-131LL	72.4	79.9	0.91	Agreement
E6353-162	4th/2008	Milk	I-131	74.3	79.9	0.93	Agreement
E6353-162	4th/2008	Milk	Ce-141	184	191	0.96	Agreement
E6353-162	4th/2008	Milk	Cr-51	235	246	0.96	Agreement
E6353-162	4th/2008	Milk	Cs-134	125	134	0.93	Agreement
E6353-162	4th/2008	Milk	Cs-137	119	120	1.00	Agreement
E6353-162	4th/2008	Milk	Co-58	105	104	1.01	Agreement
E6353-162	4th/2008	Milk	Mn-54	152	152	1.00	Agreement
E6353-162	4th/2008	Milk	Fe-59	107	100	1.06	Agreement
E6353-162	4th/2008	Milk	Zn-65	177	183	0.97	Agreement
E6353-162	4th/2008	Milk	Co-60	135	133	1.01	Agreement

TABLE 6.2-1 (cont'd)
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2008 - Quarter 3, 2009

SAMPLE NUMBER	QUARTER/ YEAR[3]	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE[4]	KNOWN VALUE[4]	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6558-162	1st/2009	Water	Gross Alpha	120	162	0.75	Non-Agreement[1]
E6558-162	1st/2009	Water	Gross Beta	189	203	0.93	Agreement
E6559-162	1st/2009	Water	I-131LL	63.2	69.0	0.92	Agreement
E6559-162	1st/2009	Water	I-131	58.8	69.0	0.85	Agreement
E6559-162	1st/2009	Water	Ce-141	114	120	0.95	Agreement
E6559-162	1st/2009	Water	Cr-51	365	387	0.94	Agreement
E6559-162	1st/2009	Water	Cs-134	107	119	0.90	Agreement
E6559-162	1st/2009	Water	Cs-137	136	141	0.96	Agreement
E6559-162	1st/2009	Water	Co-58	145	151	0.96	Agreement
E6559-162	1st/2009	Water	Mn-54	165	162	1.02	Agreement
E6559-162	1st/2009	Water	Fe-59	128	127	1.01	Agreement
E6559-162	1st/2009	Water	Zn-65	192	197	0.97	Agreement
E6559-162	1st/2009	Water	Co-60	184	180	1.02	Agreement
E6560-162	1st/2009	Water	Sr-89	80.5	94.5	0.85	Agreement
E6560-162	1st/2009	Water	Sr-90	14.9	15.1	0.99	Agreement
E6561-162	1st/2009	Water	H-3	4090	4480	0.91	Agreement
E6562-162	1st/2009	Charcoal	I-131	70.5	79.4	0.89	Agreement
E6563-162	1st/2009	Filter	Gross Alpha	140	122	1.15	Agreement[2]
E6563-162	1st/2009	Filter	Gross Beta	168	153	1.10	Agreement
E6564-162	1st/2009	Milk	I-131LL	72.9	79.3	0.92	Agreement
E6564-162	1st/2009	Milk	I-131	69.1	79.3	0.87	Agreement
E6564-162	1st/2009	Milk	Ce-141	91.7	94.9	0.97	Agreement
E6564-162	1st/2009	Milk	Cr-51	300	305	0.98	Agreement
E6564-162	1st/2009	Milk	Cs-134	85	93.7	0.91	Agreement
E6564-162	1st/2009	Milk	Cs-137	115	111	1.04	Agreement
E6564-162	1st/2009	Milk	Co-58	121	119	1.01	Agreement
E6564-162	1st/2009	Milk	Mn-54	135	128	1.05	Agreement
E6564-162	1st/2009	Milk	Fe-59	109	99.9	1.09	Agreement
E6564-162	1st/2009	Milk	Zn-65	155	156	0.99	Agreement
E6564-162	1st/2009	Milk	Co-60	146	142	1.03	Agreement
E6565-162	1st/2009	Milk	Sr-89	80.1	97.7	0.82	Agreement
E6565-162	1st/2009	Milk	Sr-90	14.5	15.6	0.93	Agreement

TABLE 6.2-1 (cont'd)
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2008 - Quarter 3, 2009

SAMPLE NUMBER	QUARTER/ YEAR	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE[4]	KNOWN VALUE[4]	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6711-162	2nd/2009	Water	Gross Alpha	272	281	0.97	Agreement
E6711-162	2nd/2009	Water	Gross Beta	157	141	1.11	Agreement
E6712-162	2nd/2009	Water	I-131LL	83.5	88.3	0.95	Agreement
E6712-162	2nd/2009	Water	I-131	87.4	88.3	0.99	Agreement
E6712-162	2nd/2009	Water	Ce-141	206	216	0.96	Agreement
E6712-162	2nd/2009	Water	Cr-51	290	304	0.95	Agreement
E6712-162	2nd/2009	Water	Cs-134	111	126	0.88	Agreement
E6712-162	2nd/2009	Water	Cs-137	148	146	1.02	Agreement
E6712-162	2nd/2009	Water	Co-58	70.3	69.8	1.01	Agreement
E6712-162	2nd/2009	Water	Mn-54	107	104	1.03	Agreement
E6712-162	2nd/2009	Water	Fe-59	97.7	92.9	1.05	Agreement
E6712-162	2nd/2009	Water	Zn-65	142	133	1.07	Agreement
E6712-162	2nd/2009	Water	Co-60	231	237	0.97	Agreement
E6713-162	2nd/2009	Water	Sr-89	77.8	91.1	0.85	Agreement
E6713-162	2nd/2009	Water	Sr-90	13.1	13.6	0.96	Agreement
E6714-162	2nd/2009	Water	H-3	12300	13300	0.92	Agreement
E6715-162	2nd/2009	Charcoal	I-131	92.5	95.1	0.97	Agreement
E6716-162	2nd/2009	Filter	Gross Alpha	102	118	0.86	Agreement
E6716-162	2nd/2009	Filter	Gross Beta	60.3	59.3	1.02	Agreement
E6717-162	2nd/2009	Filter	Ce-141	79.7	85.6	0.93	Agreement
E6717-162	2nd/2009	Filter	Cr-51	116	121	0.96	Agreement
E6717-162	2nd/2009	Filter	Cs-134	46.9	49.9	0.94	Agreement
E6717-162	2nd/2009	Filter	Cs-137	59.8	57.9	1.03	Agreement
E6717-162	2nd/2009	Filter	Co-58	27.4	27.7	0.99	Agreement
E6717-162	2nd/2009	Filter	Mn-54	41.0	41.3	0.99	Agreement
E6717-162	2nd/2009	Filter	Fe-59	34.8	36.9	0.94	Agreement
E6717-162	2nd/2009	Filter	Zn-65	52.4	52.9	0.99	Agreement
E6717-162	2nd/2009	Filter	Co-60	88.3	94.0	0.94	Agreement
E6718-162	2nd/2009	Milk	I-131LL	94.7	102	0.93	Agreement
E6718-162	2nd/2009	Milk	I-131	97.7	102	0.96	Agreement
E6718-162	2nd/2009	Milk	Ce-141	275	284	0.97	Agreement
E6718-162	2nd/2009	Milk	Cr-51	395	400	0.99	Agreement
E6718-162	2nd/2009	Milk	Cs-134	146	166	0.88	Agreement
E6718-162	2nd/2009	Milk	Cs-137	187	192	0.97	Agreement
E6718-162	2nd/2009	Milk	Co-58	90.0	91.9	0.98	Agreement
E6718-162	2nd/2009	Milk	Mn-54	138	137	1.01	Agreement
E6718-162	2nd/2009	Milk	Fe-59	130	122	1.06	Agreement
E6718-162	2nd/2009	Milk	Zn-65	185	175	1.05	Agreement
E6718-162	2nd/2009	Milk	Co-60	316	312	1.01	Agreement

TABLE 6.2-1 (cont'd)
E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2008 - Quarter 3, 2009

SAMPLE NUMBER	QUARTER/ YEAR	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE[4]	KNOWN VALUE[4]	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6823-162	3rd/2009	Water	Gross Alpha	275	324	0.85	Agreement
E6823-162	3rd/2009	Water	Gross Beta	281	287	0.98	Agreement
E6824-162	3rd/2009	Water	I-131LL	100.9	98.4	1.02	Agreement
E6824-162	3rd/2009	Water	I-131	87.7	98.4	0.89	Agreement
E6824-162	3rd/2009	Water	Ce-141	258	264	0.98	Agreement
E6824-162	3rd/2009	Water	Cr-51	199	212	0.94	Agreement
E6824-162	3rd/2009	Water	Cs-134	108	118	0.92	Agreement
E6824-162	3rd/2009	Water	Cs-137	175	177	0.99	Agreement
E6824-162	3rd/2009	Water	Co-58	94.8	95.4	0.99	Agreement
E6824-162	3rd/2009	Water	Mn-54	200	198	1.01	Agreement
E6824-162	3rd/2009	Water	Fe-59	146	141	1.04	Agreement
E6824-162	3rd/2009	Water	Zn-65	198	195	1.01	Agreement
E6824-162	3rd/2009	Water	Co-60	149	154	0.97	Agreement
E6825-162	3rd/2009	Water	Sr-89	88.9	105	0.85	Agreement
E6825-162	3rd/2009	Water	Sr-90	18.1	18.5	0.98	Agreement
E6826-162	3rd/2009	Water	H-3	13500	14100	0.96	Agreement
E6827-162	3rd/2009	Charcoal	I-131	89.5	92.0	0.97	Agreement
E6828-162	3rd/2009	Filter	Gross Alpha	251	265	0.95	Agreement
E6828-162	3rd/2009	Filter	Gross Beta	239	235	1.02	Agreement
E6829-162	3rd/2009	Milk	I-131LL	97.2	98.6	0.99	Agreement
E6829-162	3rd/2009	Milk	I-131	104	98.6	1.06	Agreement
E6829-162	3rd/2009	Milk	Ce-141	270	275	0.98	Agreement
E6829-162	3rd/2009	Milk	Cr-51	217	221	0.98	Agreement
E6829-162	3rd/2009	Milk	Cs-134	111	123	0.90	Agreement
E6829-162	3rd/2009	Milk	Cs-137	188	185	1.02	Agreement
E6829-162	3rd/2009	Milk	Co-58	99.2	99.4	1.00	Agreement
E6829-162	3rd/2009	Milk	Mn-54	210	206	1.02	Agreement
E6829-162	3rd/2009	Milk	Fe-59	159	147	1.08	Agreement
E6829-162	3rd/2009	Milk	Zn-65	209	204	1.02	Agreement
E6829-162	3rd/2009	Milk	Co-60	160	160	1.00	Agreement
E6830-162	3rd/2009	Milk	Sr-89	91.8	107	0.86.	Agreement
E6830-162	3rd/2009	Milk	Sr-90	18.1	18.8	0.96	Agreement

[1] The percent difference of the mean value from the known value exceeded the Manual 100 criterion for accuracy. CR 09-21 was issued to investigate the failure.

[2] Eckert & Ziegler Analytics changed the filter preparation method by reducing the thickness of the filter coating from 0.85 mg/cm^2 to 0.5 mg/cm^2. An instrument recalibration, performed with a .5 mg/cm^2 coated filter, yielded an increase in alpha efficiency of 16%. Application of the new efficiency to the measured result yields a percent difference from the Analytics known value of -1.1%.

[3] These results were erroneously decay corrected to 03/20/09 rather than the true reference date of 03/19/09. This table reflects the results as reported to Analytics, prior to correction. All corrected results, other than gross alpha in water, met the agreement criteria. CR 09-29 was issued to address the reference date error.

[4] Reported and Known values expressed in units of pCi/Liter (Filters and Charcoal in pCi).

7.0 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 2009 census was completed in accordance with the requirements of the ODCM. In 2009, 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 2009 Land Use Census and their distances are shown in Table 7.0-1. There were no changes in the identification of nearest residents from last year's census. There were four sectors which had a new nearest garden location different from last year's land use census (1 closer [SW] than last year's, 3 further away [NNE, NE, W]). There were no new milk locations identified within the required 8 km radius that were different from those reported in the 2008 land use census. However, one milk location (TM-09, NNW at 5.3 km) was reported in September, 2009 to have gone out of the milk business and has been dropped from the inventory.

The results of this year's census also showed that the sampling locations used in the REMP continue to have the highest calculated dose commitments of available locations. In 2009, 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 7.0-1

2009 Land Use Census Results
(Within 5 Miles)

Sector	Nearest Residence (km)	Nearest Garden (km)	Nearest Milk Animal (km)
N	3.5	4.0	
NNE	3.0	3.2 [a]	8.1 [b]
NE	2.9	4.2 [a]	
ENE	2.3		
E	2.6		
ESE	2.7		
SE	2.4	4.2	
SSE	1.6		
S	1.2	1.2	
SSW	1.1	1.2	
SW	1.1	1.6 [a]	
WSW	1.9	2.3	
W	1.3	1.6 [a]	
WNW	1.1	1.5	
NW	1.2	1.3	6.9
NNW	1.0	1.0	

[a] New in 2009.

[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 2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
AL	5	L15235-01	5/19/2009	AcTh-228	-8.30E+01	6.90E+01	2.70E+02	
AL	5	L15235-01	5/19/2009	Ag-108m	-1.20E+01	1.10E+01	4.10E+01	
AL	5	L15235-01	5/19/2009	Ag-110m	-2.00E+01	2.30E+01	8.80E+01	
AL	5	L15235-01	5/19/2009	Ba-140	2.10E+01	3.90E+01	1.50E+02	
AL	5	L15235-01	5/19/2009	Be-7	2.80E+02	1.30E+02	4.10E+02	
AL	5	L15235-01	5/19/2009	Ce-141	1.40E+01	1.80E+01	6.10E+01	
AL	5	L15235-01	5/19/2009	Ce-144	1.00E+00	5.80E+01	2.00E+02	
AL	5	L15235-01	5/19/2009	Co-57	1.80E+00	6.80E+00	2.40E+01	
AL	5	L15235-01	5/19/2009	Co-58	-3.70E+01	1.70E+01	7.20E+01	
AL	5	L15235-01	5/19/2009	Co-60	3.80E+01	1.90E+01	6.00E+01	
AL	5	L15235-01	5/19/2009	Cr-51	1.70E+02	1.30E+02	4.30E+02	
AL	5	L15235-01	5/19/2009	Cs-134	-5.00E+00	1.10E+01	5.50E+01	
AL	5	L15235-01	5/19/2009	Cs-137	-2.10E+01	1.50E+01	6.00E+01	
AL	5	L15235-01	5/19/2009	Fe-59	-1.40E+01	4.00E+01	1.50E+02	
AL	5	L15235-01	5/19/2009	I-131	7.00E+01	4.50E+01	1.50E+02	
AL	5	L15235-01	5/19/2009	K-40	9.18E+03	6.10E+02	8.40E+02	*
AL	5	L15235-01	5/19/2009	La-140	2.10E+01	3.90E+01	1.50E+02	
AL	5	L15235-01	5/19/2009	Mn-54	-2.30E+01	1.50E+01	6.10E+01	
AL	5	L15235-01	5/19/2009	Nb-95	-4.00E+00	1.50E+01	5.90E+01	
AL	5	L15235-01	5/19/2009	Ru-103	2.70E+01	1.60E+01	5.40E+01	
AL	5	L15235-01	5/19/2009	Ru-106	1.60E+02	1.30E+02	4.30E+02	
AL	5	L15235-01	5/19/2009	Sb-124	-5.10E+01	4.10E+01	1.80E+02	
AL	5	L15235-01	5/19/2009	Sb-125	-2.40E+01	3.60E+01	1.30E+02	
AL	5	L15235-01	5/19/2009	Se-75	-1.00E+00	1.40E+01	4.90E+01	
AL	5	L15235-01	5/19/2009	Zn-65	1.50E+01	4.20E+01	1.50E+02	
AL	5	L15235-01	5/19/2009	Zr-95	4.50E+01	2.90E+01	9.50E+01	
AL	5	L15953-01	12/1/2009	AcTh-228	2.20E+01	4.90E+01	1.70E+02	
AL	5	L15953-01	12/1/2009	Ag-108m	-3.00E+00	1.20E+01	4.20E+01	
AL	5	L15953-01	12/1/2009	Ag-110m	-1.20E+01	1.70E+01	6.70E+01	
AL	5	L15953-01	12/1/2009	Ba-140	-1.50E+01	2.40E+01	9.50E+01	
AL	5	L15953-01	12/1/2009	Be-7	2.80E+02	1.10E+02	3.60E+02	
AL	5	L15953-01	12/1/2009	Ce-141	-1.90E+01	1.50E+01	5.40E+01	
AL	5	L15953-01	12/1/2009	Ce-144	8.00E+00	5.10E+01	1.80E+02	
AL	5	L15953-01	12/1/2009	Co-57	-8.00E-01	6.60E+00	2.30E+01	
AL	5	L15953-01	12/1/2009	Co-58	9.00E+00	1.30E+01	4.50E+01	
AL	5	L15953-01	12/1/2009	Co-60	1.40E+01	1.60E+01	5.50E+01	
AL	5	L15953-01	12/1/2009	Cr-51	-1.00E+02	1.10E+02	3.90E+02	
AL	5	L15953-01	12/1/2009	Cs-134	-6.00E-01	9.30E+00	4.40E+01	
AL	5	L15953-01	12/1/2009	Cs-137	-8.00E+00	1.20E+01	4.70E+01	
AL	5	L15953-01	12/1/2009	Fe-59	-8.30E+01	3.30E+01	1.30E+02	
AL	5	L15953-01	12/1/2009	I-131	3.80E+01	2.20E+01	7.10E+01	
AL	5	L15953-01	12/1/2009	K-40	6.63E+03	4.30E+02	6.10E+02	*
AL	5	L15953-01	12/1/2009	La-140	-1.50E+01	2.40E+01	9.50E+01	
AL	5	L15953-01	12/1/2009	Mn-54	-2.30E+01	1.30E+01	5.30E+01	
AL	5	L15953-01	12/1/2009	Nb-95	2.00E+00	1.40E+01	5.20E+01	
AL	5	L15953-01	12/1/2009	Ru-103	-8.00E+00	1.30E+01	4.70E+01	
AL	5	L15953-01	12/1/2009	Ru-106	2.00E+01	1.10E+02	4.10E+02	
AL	5	L15953-01	12/1/2009	Sb-124	1.70E+01	2.60E+01	9.60E+01	
AL	5	L15953-01	12/1/2009	Sb-125	-2.00E+01	3.10E+01	1.10E+02	
AL	5	L15953-01	12/1/2009	Se-75	-1.00E+00	1.40E+01	5.00E+01	
AL	5	L15953-01	12/1/2009	Zn-65	3.60E+01	3.00E+01	1.00E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
AL	5	L15953-01	12/1/2009	Zr-95	9.00E+00	2.30E+01	8.20E+01	
AL	55	L15235-02	5/19/2009	AcTh-228	-4.40E+01	2.40E+01	8.30E+01	
AL	55	L15235-02	5/19/2009	Ag-108m	-5.00E+00	3.00E+00	1.10E+01	
AL	55	L15235-02	5/19/2009	Ag-110m	9.30E+00	6.00E+00	2.00E+01	
AL	55	L15235-02	5/19/2009	Ba-140	2.90E+00	9.50E+00	3.30E+01	
AL	55	L15235-02	5/19/2009	Be-7	1.96E+02	3.90E+01	1.20E+02	*
AL	55	L15235-02	5/19/2009	Ce-141	-2.60E+00	4.60E+00	1.60E+01	
AL	55	L15235-02	5/19/2009	Ce-144	-3.50E+01	1.50E+01	5.30E+01	
AL	55	L15235-02	5/19/2009	Co-57	-3.00E-01	1.90E+00	6.40E+00	
AL	55	L15235-02	5/19/2009	Co-58	3.10E+00	4.50E+00	1.50E+01	
AL	55	L15235-02	5/19/2009	Co-60	-7.60E+00	4.90E+00	1.80E+01	
AL	55	L15235-02	5/19/2009	Cr-51	2.40E+01	3.10E+01	1.00E+02	
AL	55	L15235-02	5/19/2009	Cs-134	-5.00E+00	3.10E+00	1.50E+01	
AL	55	L15235-02	5/19/2009	Cs-137	5.40E+00	4.40E+00	1.40E+01	
AL	55	L15235-02	5/19/2009	Fe-59	1.60E+01	1.10E+01	3.60E+01	
AL	55	L15235-02	5/19/2009	I-131	1.20E+01	7.10E+00	2.30E+01	
AL	55	L15235-02	5/19/2009	I-131	3.11E+01	4.30E+00	9.50E+00	*
AL	55	L15235-02	5/19/2009	K-40	5.81E+03	1.60E+02	2.70E+02	*
AL	55	L15235-02	5/19/2009	La-140	2.90E+00	9.50E+00	3.30E+01	
AL	55	L15235-02	5/19/2009	Mn-54	2.30E+00	4.20E+00	1.40E+01	
AL	55	L15235-02	5/19/2009	Nb-95	-2.30E+00	4.70E+00	1.60E+01	
AL	55	L15235-02	5/19/2009	Ru-103	-2.80E+00	4.00E+00	1.40E+01	
AL	55	L15235-02	5/19/2009	Ru-106	-5.30E+01	3.80E+01	1.30E+02	
AL	55	L15235-02	5/19/2009	Sb-124	-3.00E+00	1.10E+01	3.90E+01	
AL	55	L15235-02	5/19/2009	Sb-125	-2.90E+00	9.00E+00	3.10E+01	
AL	55	L15235-02	5/19/2009	Se-75	2.30E+00	3.60E+00	1.20E+01	
AL	55	L15235-02	5/19/2009	Zn-65	-2.30E+01	1.20E+01	4.10E+01	
AL	55	L15235-02	5/19/2009	Zr-95	3.90E+00	7.20E+00	2.40E+01	
AL	55	L15953-02	12/1/2009	AcTh-228	1.34E+02	6.40E+01	2.00E+02	
AL	55	L15953-02	12/1/2009	Ag-108m	1.50E+01	1.10E+01	3.80E+01	
AL	55	L15953-02	12/1/2009	Ag-110m	1.80E+01	1.60E+01	5.60E+01	
AL	55	L15953-02	12/1/2009	Ba-140	1.00E+01	3.10E+01	1.20E+02	
AL	55	L15953-02	12/1/2009	Be-7	3.30E+02	1.20E+02	3.60E+02	
AL	55	L15953-02	12/1/2009	Ce-141	-1.50E+01	1.50E+01	5.40E+01	
AL	55	L15953-02	12/1/2009	Ce-144	9.20E+01	5.70E+01	1.90E+02	
AL	55	L15953-02	12/1/2009	Co-57	2.90E+00	5.70E+00	2.00E+01	
AL	55	L15953-02	12/1/2009	Co-58	9.00E+00	1.50E+01	5.40E+01	
AL	55	L15953-02	12/1/2009	Co-60	-4.00E+00	1.80E+01	7.20E+01	
AL	55	L15953-02	12/1/2009	Cr-51	9.50E+01	9.50E+01	3.30E+02	
AL	55	L15953-02	12/1/2009	Cs-134	2.40E+01	1.30E+01	4.40E+01	
AL	55	L15953-02	12/1/2009	Cs-137	-5.00E+00	1.50E+01	5.70E+01	
AL	55	L15953-02	12/1/2009	Fe-59	-2.40E+01	3.50E+01	1.40E+02	
AL	55	L15953-02	12/1/2009	I-131	7.00E+00	2.20E+01	8.00E+01	
AL	55	L15953-02	12/1/2009	K-40	6.62E+03	5.50E+02	8.40E+02	*
AL	55	L15953-02	12/1/2009	La-140	1.00E+01	3.10E+01	1.20E+02	
AL	55	L15953-02	12/1/2009	Mn-54	7.00E+00	1.60E+01	5.80E+01	
AL	55	L15953-02	12/1/2009	Nb-95	2.70E+01	1.40E+01	4.50E+01	
AL	55	L15953-02	12/1/2009	Ru-103	2.00E+00	1.40E+01	5.10E+01	
AL	55	L15953-02	12/1/2009	Ru-106	-1.30E+02	1.30E+02	5.10E+02	
AL	55	L15953-02	12/1/2009	Sb-124	-3.00E+00	4.10E+01	1.70E+02	
AL	55	L15953-02	12/1/2009	Sb-125	-3.90E+01	3.60E+01	1.40E+02	
AL	55	L15953-02	12/1/2009	Se-75	5.00E+00	1.30E+01	4.50E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AL	55	L15953-02	12/1/2009	Zn-65	-8.70E+01	4.00E+01	1.70E+02
AL	55	L15953-02	12/1/2009	Zr-95	-1.50E+01	2.30E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	1	L14814-01	1/14/2009	Gross Beta	2.05E-02	1.40E-03	3.00E-03	*
AP	1	L14843-01	1/27/2009	Gross Beta	2.59E-02	1.60E-03	3.40E-03	*
AP	1	L14892-01	2/11/2009	Gross Beta	2.75E-02	1.60E-03	3.50E-03	*
AP	1	L14929-01	2/25/2009	Gross Beta	1.37E-02	1.40E-03	3.70E-03	*
AP	1	L14963-01	3/11/2009	Gross Beta	2.35E-02	1.60E-03	3.70E-03	*
AP	1	L15012-01	3/25/2009	Gross Beta	2.58E-02	1.70E-03	3.80E-03	*
AP	1	L15059-01	4/8/2009	Gross Beta	8.20E-03	1.20E-03	3.50E-03	*
AP	1	L15112-01	4/22/2009	Gross Beta	1.93E-02	1.40E-03	2.90E-03	*
AP	1	L15165-01	3/25/2009	AcTh-228	-3.00E-05	8.10E-04	3.30E-03	
AP	1	L15165-01	3/25/2009	Ag-108m	4.00E-05	1.60E-04	6.10E-04	
AP	1	L15165-01	3/25/2009	Ag-110m	0.00E+00	3.30E-04	1.40E-03	
AP	1	L15165-01	3/25/2009	Ba-140	3.50E-02	1.60E-02	1.90E-02	
AP	1	L15165-01	3/25/2009	Be-7	1.46E-01	1.40E-02	2.40E-02	*
AP	1	L15165-01	3/25/2009	Ce-141	-1.70E-03	1.20E-03	4.90E-03	
AP	1	L15165-01	3/25/2009	Ce-144	-7.00E-04	1.10E-03	4.10E-03	
AP	1	L15165-01	3/25/2009	Co-57	2.00E-05	1.40E-04	5.10E-04	
AP	1	L15165-01	3/25/2009	Co-58	-1.40E-04	4.70E-04	2.00E-03	
AP	1	L15165-01	3/25/2009	Co-60	1.00E-04	1.70E-04	7.20E-04	
AP	1	L15165-01	3/25/2009	Cr-51	4.00E-03	1.30E-02	4.70E-02	
AP	1	L15165-01	3/25/2009	Cs-134	-2.00E-04	1.70E-04	9.50E-04	
AP	1	L15165-01	3/25/2009	Cs-137	-2.80E-04	2.00E-04	9.50E-04	
AP	1	L15165-01	3/25/2009	Fe-59	-2.00E-04	1.40E-03	6.10E-03	
AP	1	L15165-01	3/25/2009	I-131	1.08E-01	8.00E-02	2.70E-01	
AP	1	L15165-01	3/25/2009	K-40	-1.60E-03	3.50E-03	1.50E-02	
AP	1	L15165-01	3/25/2009	La-140	3.50E-02	1.60E-02	1.90E-02	
AP	1	L15165-01	3/25/2009	Mn-54	8.00E-05	2.70E-04	1.10E-03	
AP	1	L15165-01	3/25/2009	Nb-95	-1.00E-04	1.40E-03	5.40E-03	
AP	1	L15165-01	3/25/2009	Ru-103	-1.90E-04	7.30E-04	3.00E-03	
AP	1	L15165-01	3/25/2009	Ru-106	0.00E+00	2.20E-03	8.90E-03	
AP	1	L15165-01	3/25/2009	Sb-124	0.00E+00	1.30E-03	6.00E-03	
AP	1	L15165-01	3/25/2009	Sb-125	-3.70E-04	4.10E-04	1.90E-03	
AP	1	L15165-01	3/25/2009	Se-75	6.60E-04	3.80E-04	1.20E-03	
AP	1	L15165-01	3/25/2009	Zn-65	-7.60E-04	6.60E-04	3.10E-03	
AP	1	L15165-01	3/25/2009	Zr-95	-2.09E-03	9.10E-04	4.60E-03	
AP	1	L15177-01	5/6/2009	Gross Beta	1.73E-02	1.40E-03	2.90E-03	*
AP	1	L15223-01	5/20/2009	Gross Beta	1.51E-02	1.30E-03	2.70E-03	*
AP	1	L15282-01	6/3/2009	Gross Beta	1.36E-02	1.40E-03	3.60E-03	*
AP	1	L15318-01	6/17/2009	Gross Beta	1.34E-02	1.40E-03	3.70E-03	*
AP	1	L15374-01	7/1/2009	Gross Beta	8.90E-03	1.30E-03	3.50E-03	*
AP	1	L15419-01	7/1/2009	AcTh-228	1.80E-04	8.90E-04	4.00E-03	
AP	1	L15419-01	7/1/2009	Ag-108m	-1.30E-04	2.00E-04	9.10E-04	
AP	1	L15419-01	7/1/2009	Ag-110m	0.00E+00	4.90E-04	2.10E-03	
AP	1	L15419-01	7/1/2009	Ba-140	0.00E+00	7.60E-03	3.50E-02	
AP	1	L15419-01	7/1/2009	Be-7	9.40E-02	1.20E-02	1.30E-02	*
AP	1	L15419-01	7/1/2009	Ce-141	1.37E-03	9.30E-04	3.10E-03	
AP	1	L15419-01	7/1/2009	Ce-144	7.00E-04	1.00E-03	3.70E-03	
AP	1	L15419-01	7/1/2009	Co-57	1.00E-04	1.20E-04	4.40E-04	
AP	1	L15419-01	7/1/2009	Co-58	4.50E-04	4.10E-04	1.40E-03	
AP	1	L15419-01	7/1/2009	Co-60	-6.20E-04	3.60E-04	2.10E-03	
AP	1	L15419-01	7/1/2009	Cr-51	0.00E+00	8.40E-03	3.30E-02	
AP	1	L15419-01	7/1/2009	Cs-134	1.30E-04	2.20E-04	9.20E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	1	L15419-01	7/1/2009	Cs-137	2.80E-04	2.90E-04	1.10E-03	
AP	1	L15419-01	7/1/2009	Fe-59	0.00E+00	1.40E-03	6.60E-03	
AP	1	L15419-01	7/1/2009	I-131	-3.00E-03	1.20E-02	5.00E-02	
AP	1	L15419-01	7/1/2009	K-40	4.00E-03	3.70E-03	1.30E-02	
AP	1	L15419-01	7/1/2009	La-140	0.00E+00	7.60E-03	3.50E-02	
AP	1	L15419-01	7/1/2009	Mn-54	3.70E-04	2.90E-04	9.60E-04	
AP	1	L15419-01	7/1/2009	Nb-95	7.50E-04	6.90E-04	2.40E-03	
AP	1	L15419-01	7/1/2009	Ru-103	-4.50E-04	8.50E-04	3.60E-03	
AP	1	L15419-01	7/1/2009	Ru-106	-3.50E-03	2.50E-03	1.30E-02	
AP	1	L15419-01	7/1/2009	Sb-124	-1.00E-03	1.00E-03	7.40E-03	
AP	1	L15419-01	7/1/2009	Sb-125	-2.00E-04	7.30E-04	3.10E-03	
AP	1	L15419-01	7/1/2009	Se-75	2.20E-04	3.50E-04	1.30E-03	
AP	1	L15419-01	7/1/2009	Zn-65	0.00E+00	7.20E-04	3.40E-03	
AP	1	L15419-01	7/1/2009	Zr-95	1.40E-04	8.60E-04	3.70E-03	
AP	1	L15441-01	7/15/2009	Gross Beta	1.00E-02	1.30E-03	3.40E-03	*
AP	1	L15477-01	7/29/2009	Gross Beta	2.03E-02	1.50E-03	3.50E-03	*
AP	1	L15525-01	8/12/2009	Gross Beta	2.10E-02	1.60E-03	3.50E-03	*
AP	1	L15576-01	8/26/2009	Gross Beta	3.04E-02	1.70E-03	2.80E-03	*
AP	1	L15632-01	9/9/2009	Gross Beta	1.91E-02	1.40E-03	2.80E-03	*
AP	1	L15692-01	9/23/2009	Gross Beta	1.55E-02	1.30E-03	3.00E-03	*
AP	1	L15746-01	10/7/2009	Gross Beta	1.25E-02	1.20E-03	2.90E-03	*
AP	1	L15784-01	10/21/2009	Gross Beta	1.58E-02	1.40E-03	3.10E-03	*
AP	1	L15800-01	9/23/2009	AcTh-228	5.00E-04	1.30E-03	5.40E-03	
AP	1	L15800-01	9/23/2009	Ag-108m	-3.40E-04	2.70E-04	1.30E-03	
AP	1	L15800-01	9/23/2009	Ag-110m	2.40E-04	6.40E-04	2.60E-03	
AP	1	L15800-01	9/23/2009	Ba-140	-7.80E-03	7.80E-03	5.80E-02	
AP	1	L15800-01	9/23/2009	Be-7	1.49E-01	1.90E-02	2.60E-02	*
AP	1	L15800-01	9/23/2009	Ce-141	-1.20E-03	1.40E-03	6.00E-03	
AP	1	L15800-01	9/23/2009	Ce-144	-8.00E-04	1.60E-03	6.60E-03	
AP	1	L15800-01	9/23/2009	Co-57	-1.00E-05	2.20E-04	8.30E-04	
AP	1	L15800-01	9/23/2009	Co-58	-5.50E-04	7.80E-04	3.60E-03	
AP	1	L15800-01	9/23/2009	Co-60	0.00E+00	3.00E-04	1.60E-03	
AP	1	L15800-01	9/23/2009	Cr-51	-7.00E-03	1.10E-02	4.80E-02	
AP	1	L15800-01	9/23/2009	Cs-134	1.00E-05	3.20E-04	1.80E-03	
AP	1	L15800-01	9/23/2009	Cs-137	-3.60E-04	3.20E-04	1.60E-03	
AP	1	L15800-01	9/23/2009	Fe-59	7.00E-04	2.20E-03	9.40E-03	
AP	1	L15800-01	9/23/2009	I-131	1.20E-02	3.90E-02	1.60E-01	
AP	1	L15800-01	9/23/2009	K-40	-8.00E-04	6.00E-03	2.60E-02	
AP	1	L15800-01	9/23/2009	La-140	-7.80E-03	7.80E-03	5.80E-02	
AP	1	L15800-01	9/23/2009	Mn-54	3.20E-04	3.20E-04	1.20E-03	
AP	1	L15800-01	9/23/2009	Nb-95	0.00E+00	1.70E-03	7.00E-03	
AP	1	L15800-01	9/23/2009	Ru-103	-1.70E-03	1.10E-03	5.30E-03	
AP	1	L15800-01	9/23/2009	Ru-106	1.80E-03	3.70E-03	1.40E-02	
AP	1	L15800-01	9/23/2009	Sb-124	3.70E-03	2.70E-03	9.00E-03	
AP	1	L15800-01	9/23/2009	Sb-125	-2.70E-04	8.90E-04	3.80E-03	
AP	1	L15800-01	9/23/2009	Se-75	-1.27E-03	5.90E-04	2.70E-03	
AP	1	L15800-01	9/23/2009	Zn-65	-7.00E-04	1.40E-03	6.10E-03	
AP	1	L15800-01	9/23/2009	Zr-95	-2.00E-03	1.40E-03	7.10E-03	
AP	1	L15875-01	11/4/2009	Gross Beta	1.59E-02	1.30E-03	2.90E-03	*
AP	1	L15913-01	11/18/2009	Gross Beta	2.46E-02	1.60E-03	3.10E-03	*
AP	1	L15962-01	12/2/2009	Gross Beta	2.00E-02	1.50E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	1	L15993-01	12/16/2009	Gross Beta	2.02E-02	1.50E-03	3.20E-03	*
AP	1	L16040-01	12/30/2009	Gross Beta	1.63E-02	1.40E-03	3.20E-03	*
AP	1	L16060-01	12/30/2009	AcTh-228	2.80E-03	1.30E-03	3.90E-03	
AP	1	L16060-01	12/30/2009	Ag-108m	-2.00E-04	2.40E-04	1.00E-03	
AP	1	L16060-01	12/30/2009	Ag-110m	1.60E-04	3.70E-04	1.50E-03	
AP	1	L16060-01	12/30/2009	Ba-140	1.80E-03	3.70E-03	1.60E-02	
AP	1	L16060-01	12/30/2009	Be-7	9.10E-02	1.20E-02	2.10E-02	*
AP	1	L16060-01	12/30/2009	Ce-141	-1.81E-03	8.50E-04	3.70E-03	
AP	1	L16060-01	12/30/2009	Ce-144	-1.80E-03	1.10E-03	5.00E-03	
AP	1	L16060-01	12/30/2009	Co-57	1.00E-05	1.10E-04	4.40E-04	
AP	1	L16060-01	12/30/2009	Co-58	-6.70E-04	5.30E-04	2.50E-03	
AP	1	L16060-01	12/30/2009	Co-60	1.50E-04	3.90E-04	1.60E-03	
AP	1	L16060-01	12/30/2009	Cr-51	1.26E-02	6.70E-03	2.10E-02	
AP	1	L16060-01	12/30/2009	Cs-134	-2.10E-04	1.70E-04	1.10E-03	
AP	1	L16060-01	12/30/2009	Cs-137	4.80E-04	3.20E-04	1.00E-03	
AP	1	L16060-01	12/30/2009	Fe-59	5.00E-05	7.00E-04	3.70E-03	
AP	1	L16060-01	12/30/2009	I-131	7.90E-03	6.50E-03	2.20E-02	
AP	1	L16060-01	12/30/2009	K-40	5.80E-03	3.90E-03	1.30E-02	
AP	1	L16060-01	12/30/2009	La-140	1.80E-03	3.70E-03	1.60E-02	
AP	1	L16060-01	12/30/2009	Mn-54	-3.30E-04	2.40E-04	1.30E-03	
AP	1	L16060-01	12/30/2009	Nb-95	1.41E-03	9.20E-04	3.00E-03	
AP	1	L16060-01	12/30/2009	Ru-103	1.42E-03	5.80E-04	1.40E-03	
AP	1	L16060-01	12/30/2009	Ru-106	1.00E-03	1.80E-03	7.30E-03	
AP	1	L16060-01	12/30/2009	Sb-124	-6.60E-04	6.60E-04	5.10E-03	
AP	1	L16060-01	12/30/2009	Sb-125	-1.90E-04	7.00E-04	2.90E-03	
AP	1	L16060-01	12/30/2009	Se-75	4.90E-04	3.50E-04	1.20E-03	
AP	1	L16060-01	12/30/2009	Zn-65	1.20E-04	7.80E-04	3.30E-03	
AP	1	L16060-01	12/30/2009	Zr-95	1.49E-03	7.90E-04	2.20E-03	
AP	2	L14814-02	1/14/2009	Gross Beta	1.90E-02	1.50E-03	3.30E-03	*
AP	2	L14843-02	1/27/2009	Gross Beta	2.52E-02	1.70E-03	3.70E-03	*
AP	2	L14892-02	2/11/2009	Gross Beta	2.69E-02	1.70E-03	3.80E-03	*
AP	2	L14929-02	2/25/2009	Gross Beta	1.13E-02	1.50E-03	4.10E-03	*
AP	2	L14963-02	3/11/2009	Gross Beta	2.14E-02	1.70E-03	4.00E-03	*
AP	2	L15012-02	3/25/2009	Gross Beta	2.54E-02	1.80E-03	4.20E-03	*
AP	2	L15059-02	4/8/2009	Gross Beta	5.10E-03	1.30E-03	3.80E-03	*
AP	2	L15112-02	4/22/2009	Gross Beta	2.11E-02	1.50E-03	3.20E-03	*
AP	2	L15165-02	3/25/2009	AcTh-228	2.80E-04	7.90E-04	3.40E-03	
AP	2	L15165-02	3/25/2009	Ag-108m	6.00E-05	2.50E-04	9.40E-04	
AP	2	L15165-02	3/25/2009	Ag-110m	7.40E-04	5.90E-04	2.00E-03	
AP	2	L15165-02	3/25/2009	Ba-140	3.60E-02	2.10E-02	3.30E-02	
AP	2	L15165-02	3/25/2009	Be-7	1.58E-01	1.80E-02	3.30E-02	*
AP	2	L15165-02	3/25/2009	Ce-141	4.00E-04	1.30E-03	4.60E-03	
AP	2	L15165-02	3/25/2009	Ce-144	8.00E-04	1.10E-03	3.90E-03	
AP	2	L15165-02	3/25/2009	Co-57	-5.00E-05	1.20E-04	4.90E-04	
AP	2	L15165-02	3/25/2009	Co-58	9.00E-04	7.20E-04	2.40E-03	
AP	2	L15165-02	3/25/2009	Co-60	3.30E-04	2.30E-04	4.50E-04	
AP	2	L15165-02	3/25/2009	Cr-51	8.00E-03	1.20E-02	4.30E-02	
AP	2	L15165-02	3/25/2009	Cs-134	2.40E-04	2.30E-04	1.00E-03	
AP	2	L15165-02	3/25/2009	Cs-137	1.70E-04	1.90E-04	7.30E-04	
AP	2	L15165-02	3/25/2009	Fe-59	-2.00E-04	1.90E-03	8.60E-03	
AP	2	L15165-02	3/25/2009	I-131	0.00E+00	8.90E-02	3.50E-01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	2	L15165-02	3/25/2009	K-40	-3.90E-03	4.10E-03	2.00E-02	
AP	2	L15165-02	3/25/2009	La-140	3.60E-02	2.10E-02	3.30E-02	
AP	2	L15165-02	3/25/2009	Mn-54	-1.20E-04	3.60E-04	1.60E-03	
AP	2	L15165-02	3/25/2009	Nb-95	1.10E-03	1.10E-03	4.10E-03	
AP	2	L15165-02	3/25/2009	Ru-103	-5.80E-04	7.10E-04	3.50E-03	
AP	2	L15165-02	3/25/2009	Ru-106	1.00E-04	3.20E-03	1.30E-02	
AP	2	L15165-02	3/25/2009	Sb-124	-1.00E-04	1.70E-03	8.70E-03	
AP	2	L15165-02	3/25/2009	Sb-125	3.60E-04	6.30E-04	2.40E-03	
AP	2	L15165-02	3/25/2009	Se-75	-4.00E-05	4.10E-04	1.60E-03	
AP	2	L15165-02	3/25/2009	Zn-65	-5.10E-04	9.60E-04	4.40E-03	
AP	2	L15165-02	3/25/2009	Zr-95	5.20E-04	8.80E-04	3.60E-03	
AP	2	L15177-02	5/6/2009	Gross Beta	1.95E-02	1.50E-03	3.20E-03	*
AP	2	L15223-02	5/20/2009	Gross Beta	1.57E-02	1.30E-03	2.70E-03	*
AP	2	L15282-02	6/3/2009	Gross Beta	1.40E-02	1.40E-03	3.60E-03	*
AP	2	L15318-02	6/17/2009	Gross Beta	1.24E-02	1.40E-03	3.60E-03	*
AP	2	L15374-02	7/1/2009	Gross Beta	8.80E-03	1.40E-03	3.80E-03	*
AP	2	L15419-02	7/1/2009	AcTh-228	-7.00E-04	1.20E-03	5.00E-03	
AP	2	L15419-02	7/1/2009	Ag-108m	-5.00E-05	1.60E-04	7.00E-04	
AP	2	L15419-02	7/1/2009	Ag-110m	1.40E-04	4.60E-04	1.80E-03	
AP	2	L15419-02	7/1/2009	Ba-140	1.51E-02	6.20E-03	6.80E-03	
AP	2	L15419-02	7/1/2009	Be-7	1.12E-01	1.20E-02	2.00E-02	*
AP	2	L15419-02	7/1/2009	Ce-141	-1.64E-03	7.80E-04	3.40E-03	
AP	2	L15419-02	7/1/2009	Ce-144	2.00E-04	1.00E-03	3.90E-03	
AP	2	L15419-02	7/1/2009	Co-57	-2.20E-04	1.20E-04	5.40E-04	
AP	2	L15419-02	7/1/2009	Co-58	-4.50E-04	3.30E-04	1.80E-03	
AP	2	L15419-02	7/1/2009	Co-60	-1.20E-04	2.80E-04	1.30E-03	
AP	2	L15419-02	7/1/2009	Cr-51	4.70E-03	7.20E-03	2.60E-02	
AP	2	L15419-02	7/1/2009	Cs-134	-4.00E-05	1.80E-04	1.00E-03	
AP	2	L15419-02	7/1/2009	Cs-137	3.50E-04	2.70E-04	9.30E-04	
AP	2	L15419-02	7/1/2009	Fe-59	9.80E-04	6.90E-04	1.30E-03	
AP	2	L15419-02	7/1/2009	I-131	-1.23E-02	9.50E-03	4.30E-02	
AP	2	L15419-02	7/1/2009	K-40	5.50E-03	3.50E-03	1.10E-02	
AP	2	L15419-02	7/1/2009	La-140	1.51E-02	6.20E-03	6.80E-03	
AP	2	L15419-02	7/1/2009	Mn-54	-3.70E-04	2.60E-04	1.30E-03	
AP	2	L15419-02	7/1/2009	Nb-95	6.90E-04	9.20E-04	3.40E-03	
AP	2	L15419-02	7/1/2009	Ru-103	-1.14E-03	7.40E-04	3.30E-03	
AP	2	L15419-02	7/1/2009	Ru-106	2.60E-03	3.50E-03	1.20E-02	
AP	2	L15419-02	7/1/2009	Sb-124	-1.31E-03	9.20E-04	6.10E-03	
AP	2	L15419-02	7/1/2009	Sb-125	3.10E-04	6.30E-04	2.40E-03	
AP	2	L15419-02	7/1/2009	Se-75	-7.00E-05	4.40E-04	1.70E-03	
AP	2	L15419-02	7/1/2009	Zn-65	-9.30E-04	8.10E-04	3.80E-03	
AP	2	L15419-02	7/1/2009	Zr-95	-5.40E-04	5.40E-04	2.90E-03	
AP	2	L15441-02	7/15/2009	Gross Beta	1.29E-02	1.30E-03	3.40E-03	*
AP	2	L15477-02	7/29/2009	Gross Beta	1.80E-02	1.60E-03	4.00E-03	*
AP	2	L15525-02	8/12/2009	Gross Beta	2.12E-02	1.50E-03	3.40E-03	*
AP	2	L15576-02	8/26/2009	Gross Beta	3.06E-02	1.60E-03	2.70E-03	*
AP	2	L15632-02	9/9/2009	Gross Beta	2.03E-02	1.40E-03	2.80E-03	*
AP	2	L15692-02	9/23/2009	Gross Beta	1.80E-02	1.40E-03	2.90E-03	*
AP	2	L15746-02	10/7/2009	Gross Beta	1.37E-02	1.30E-03	2.80E-03	*
AP	2	L15784-02	10/21/2009	Gross Beta	1.70E-02	1.40E-03	3.00E-03	*
AP	2	L15800-02	9/23/2009	AcTh-228	2.00E-04	1.40E-03	6.40E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	2	L15800-02	9/23/2009	Ag-108m	-2.20E-04	2.20E-04	1.20E-03	
AP	2	L15800-02	9/23/2009	Ag-110m	7.10E-04	5.00E-04	9.70E-04	
AP	2	L15800-02	9/23/2009	Ba-140	0.00E+00	0.00E+00	3.40E-02	
AP	2	L15800-02	9/23/2009	Be-7	1.14E-01	1.90E-02	3.00E-02	*
AP	2	L15800-02	9/23/2009	Ce-141	1.00E-04	1.30E-03	5.20E-03	
AP	2	L15800-02	9/23/2009	Ce-144	-2.70E-03	1.40E-03	6.90E-03	
AP	2	L15800-02	9/23/2009	Co-57	-2.80E-04	1.80E-04	8.40E-04	
AP	2	L15800-02	9/23/2009	Co-58	8.00E-04	8.00E-04	2.90E-03	
AP	2	L15800-02	9/23/2009	Co-60	3.30E-04	3.30E-04	8.90E-04	
AP	2	L15800-02	9/23/2009	Cr-51	-2.00E-02	1.20E-02	6.20E-02	
AP	2	L15800-02	9/23/2009	Cs-134	-2.20E-04	2.30E-04	1.60E-03	
AP	2	L15800-02	9/23/2009	Cs-137	-3.00E-05	2.80E-04	1.50E-03	
AP	2	L15800-02	9/23/2009	Fe-59	1.40E-03	1.40E-03	3.90E-03	
AP	2	L15800-02	9/23/2009	I-131	7.80E-02	5.10E-02	1.70E-01	
AP	2	L15800-02	9/23/2009	K-40	-3.80E-03	4.70E-03	2.80E-02	
AP	2	L15800-02	9/23/2009	La-140	0.00E+00	0.00E+00	3.40E-02	
AP	2	L15800-02	9/23/2009	Mn-54	-4.70E-04	4.70E-04	2.50E-03	
AP	2	L15800-02	9/23/2009	Nb-95	7.40E-04	7.40E-04	2.00E-03	
AP	2	L15800-02	9/23/2009	Ru-103	-1.80E-03	1.10E-03	6.10E-03	
AP	2	L15800-02	9/23/2009	Ru-106	-2.00E-03	2.00E-03	1.40E-02	
AP	2	L15800-02	9/23/2009	Sb-124	-2.10E-03	2.10E-03	1.50E-02	
AP	2	L15800-02	9/23/2009	Sb-125	-7.00E-04	1.00E-03	4.70E-03	
AP	2	L15800-02	9/23/2009	Se-75	7.70E-04	5.60E-04	1.90E-03	
AP	2	L15800-02	9/23/2009	Zn-65	1.10E-03	1.70E-03	6.40E-03	
AP	2	L15800-02	9/23/2009	Zr-95	-1.70E-03	1.70E-03	8.70E-03	
AP	2	L15875-02	11/4/2009	Gross Beta	1.53E-02	1.30E-03	2.90E-03	*
AP	2	L15913-02	11/18/2009	Gross Beta	2.14E-02	1.50E-03	2.80E-03	*
AP	2	L15962-02	12/2/2009	Gross Beta	1.97E-02	1.40E-03	3.10E-03	*
AP	2	L15993-02	12/16/2009	Gross Beta	2.12E-02	1.50E-03	3.20E-03	*
AP	2	L16040-02	12/30/2009	Gross Beta	1.48E-02	1.30E-03	3.10E-03	*
AP	2	L16060-02	12/30/2009	AcTh-228	-3.30E-04	7.90E-04	3.30E-03	
AP	2	L16060-02	12/30/2009	Ag-108m	-4.00E-04	1.80E-04	8.00E-04	
AP	2	L16060-02	12/30/2009	Ag-110m	-1.00E-04	3.50E-04	1.50E-03	
AP	2	L16060-02	12/30/2009	Ba-140	-5.00E-04	3.70E-03	1.60E-02	
AP	2	L16060-02	12/30/2009	Be-7	8.67E-02	8.80E-03	1.50E-02	*
AP	2	L16060-02	12/30/2009	Ce-141	8.40E-04	6.60E-04	2.20E-03	
AP	2	L16060-02	12/30/2009	Ce-144	7.90E-04	8.80E-04	3.00E-03	
AP	2	L16060-02	12/30/2009	Co-57	-8.00E-05	1.10E-04	4.20E-04	
AP	2	L16060-02	12/30/2009	Co-58	2.00E-04	3.10E-04	1.20E-03	
AP	2	L16060-02	12/30/2009	Co-60	1.70E-04	2.50E-04	9.40E-04	
AP	2	L16060-02	12/30/2009	Cr-51	-2.80E-03	4.30E-03	1.80E-02	
AP	2	L16060-02	12/30/2009	Cs-134	8.00E-05	1.70E-04	8.40E-04	
AP	2	L16060-02	12/30/2009	Cs-137	-8.00E-05	1.90E-04	8.00E-04	
AP	2	L16060-02	12/30/2009	Fe-59	0.00E+00	1.20E-03	4.90E-03	
AP	2	L16060-02	12/30/2009	I-131	-2.00E-03	5.50E-03	2.10E-02	
AP	2	L16060-02	12/30/2009	K-40	5.00E-04	3.10E-03	1.20E-02	
AP	2	L16060-02	12/30/2009	La-140	-5.00E-04	3.70E-03	1.60E-02	
AP	2	L16060-02	12/30/2009	Mn-54	-6.00E-05	3.10E-04	1.20E-03	
AP	2	L16060-02	12/30/2009	Nb-95	-1.00E-05	5.30E-04	2.20E-03	
AP	2	L16060-02	12/30/2009	Ru-103	-4.90E-04	4.60E-04	2.00E-03	
AP	2	L16060-02	12/30/2009	Ru-106	-2.30E-03	1.80E-03	8.20E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	2	L16060-02	12/30/2009	Sb-124	-3.60E-04	7.00E-04	3.80E-03	
AP	2	L16060-02	12/30/2009	Sb-125	1.00E-03	5.10E-04	1.60E-03	
AP	2	L16060-02	12/30/2009	Se-75	-7.70E-04	3.60E-04	1.50E-03	
AP	2	L16060-02	12/30/2009	Zn-65	-9.00E-05	4.80E-04	2.10E-03	
AP	2	L16060-02	12/30/2009	Zr-95	-7.10E-04	6.10E-04	2.80E-03	
AP	3	L14814-03	1/14/2009	Gross Beta	1.92E-02	1.40E-03	3.00E-03	*
AP	3	L14843-03	1/27/2009	Gross Beta	2.74E-02	1.70E-03	3.30E-03	*
AP	3	L14892-03	2/11/2009	Gross Beta	2.68E-02	1.60E-03	3.50E-03	*
AP	3	L14929-03	2/25/2009	Gross Beta	1.42E-02	1.40E-03	3.70E-03	*
AP	3	L14963-03	3/11/2009	Gross Beta	2.53E-02	1.60E-03	3.60E-03	*
AP	3	L15012-03	3/25/2009	Gross Beta	2.85E-02	1.70E-03	3.80E-03	*
AP	3	L15059-03	4/8/2009	Gross Beta	5.70E-03	1.20E-03	3.40E-03	*
AP	3	L15112-03	4/22/2009	Gross Beta	1.88E-02	1.40E-03	2.90E-03	*
AP	3	L15165-03	3/25/2009	AcTh-228	1.50E-03	1.30E-03	4.30E-03	
AP	3	L15165-03	3/25/2009	Ag-108m	-2.10E-04	1.80E-04	8.30E-04	
AP	3	L15165-03	3/25/2009	Ag-110m	-5.10E-04	4.50E-04	2.20E-03	
AP	3	L15165-03	3/25/2009	Ba-140	0.00E+00	1.60E-02	8.20E-02	
AP	3	L15165-03	3/25/2009	Be-7	1.17E-01	1.60E-02	3.20E-02	*
AP	3	L15165-03	3/25/2009	Ce-141	8.00E-04	1.40E-03	5.00E-03	
AP	3	L15165-03	3/25/2009	Ce-144	9.80E-04	9.50E-04	3.30E-03	
AP	3	L15165-03	3/25/2009	Co-57	1.40E-04	1.20E-04	4.10E-04	
AP	3	L15165-03	3/25/2009	Co-58	-6.80E-04	5.30E-04	2.70E-03	
AP	3	L15165-03	3/25/2009	Co-60	-6.00E-05	4.00E-04	1.70E-03	
AP	3	L15165-03	3/25/2009	Cr-51	8.00E-03	1.50E-02	5.40E-02	
AP	3	L15165-03	3/25/2009	Cs-134	1.70E-04	1.90E-04	8.60E-04	
AP	3	L15165-03	3/25/2009	Cs-137	-1.40E-04	2.50E-04	1.10E-03	
AP	3	L15165-03	3/25/2009	Fe-59	-1.60E-03	2.00E-03	9.60E-03	
AP	3	L15165-03	3/25/2009	I-131	-2.10E-02	8.10E-02	3.30E-01	
AP	3	L15165-03	3/25/2009	K-40	-3.70E-03	4.60E-03	2.10E-02	
AP	3	L15165-03	3/25/2009	La-140	0.00E+00	1.60E-02	8.20E-02	
AP	3	L15165-03	3/25/2009	Mn-54	1.70E-04	3.20E-04	1.20E-03	
AP	3	L15165-03	3/25/2009	Nb-95	1.00E-03	1.20E-03	4.40E-03	
AP	3	L15165-03	3/25/2009	Ru-103	5.40E-04	9.30E-04	3.50E-03	
AP	3	L15165-03	3/25/2009	Ru-106	-5.20E-03	3.00E-03	1.40E-02	
AP	3	L15165-03	3/25/2009	Sb-124	-2.10E-03	1.50E-03	9.60E-03	
AP	3	L15165-03	3/25/2009	Sb-125	1.70E-04	5.60E-04	2.20E-03	
AP	3	L15165-03	3/25/2009	Se-75	-2.50E-04	3.80E-04	1.60E-03	
AP	3	L15165-03	3/25/2009	Zn-65	0.00E+00	4.40E-04	2.30E-03	
AP	3	L15165-03	3/25/2009	Zr-95	1.00E-03	1.10E-03	4.20E-03	
AP	3	L15177-03	5/6/2009	Gross Beta	1.88E-02	1.40E-03	2.80E-03	*
AP	3	L15223-03	5/20/2009	Gross Beta	1.55E-02	1.30E-03	2.80E-03	*
AP	3	L15282-03	6/3/2009	Gross Beta	1.72E-02	1.60E-03	3.90E-03	*
AP	3	L15318-03	6/17/2009	Gross Beta	1.27E-02	1.50E-03	3.90E-03	*
AP	3	L15374-03	7/1/2009	Gross Beta	1.01E-02	1.40E-03	3.80E-03	*
AP	3	L15419-03	7/1/2009	AcTh-228	-1.80E-03	1.20E-03	6.10E-03	
AP	3	L15419-03	7/1/2009	Ag-108m	-2.60E-04	2.40E-04	1.10E-03	
AP	3	L15419-03	7/1/2009	Ag-110m	4.00E-04	4.00E-04	1.50E-03	
AP	3	L15419-03	7/1/2009	Ba-140	3.90E-03	3.90E-03	1.10E-02	
AP	3	L15419-03	7/1/2009	Be-7	8.10E-02	1.20E-02	2.20E-02	*
AP	3	L15419-03	7/1/2009	Ce-141	4.90E-04	7.40E-04	2.70E-03	
AP	3	L15419-03	7/1/2009	Ce-144	4.00E-04	1.00E-03	3.80E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	3	L15419-03	7/1/2009	Co-57	1.20E-04	1.40E-04	5.10E-04	
AP	3	L15419-03	7/1/2009	Co-58	-4.30E-04	3.00E-04	2.00E-03	
AP	3	L15419-03	7/1/2009	Co-60	-1.90E-04	1.90E-04	1.40E-03	
AP	3	L15419-03	7/1/2009	Cr-51	-5.30E-03	6.10E-03	2.80E-02	
AP	3	L15419-03	7/1/2009	Cs-134	2.20E-04	2.10E-04	9.40E-04	
AP	3	L15419-03	7/1/2009	Cs-137	7.00E-05	2.50E-04	1.10E-03	
AP	3	L15419-03	7/1/2009	Fe-59	-2.50E-03	1.80E-03	9.30E-03	
AP	3	L15419-03	7/1/2009	I-131	1.30E-02	1.10E-02	3.80E-02	
AP	3	L15419-03	7/1/2009	K-40	2.70E-03	3.30E-03	1.30E-02	
AP	3	L15419-03	7/1/2009	La-140	3.90E-03	3.90E-03	1.10E-02	
AP	3	L15419-03	7/1/2009	Mn-54	-4.00E-04	3.50E-04	1.70E-03	
AP	3	L15419-03	7/1/2009	Nb-95	1.80E-04	9.50E-04	4.00E-03	
AP	3	L15419-03	7/1/2009	Ru-103	6.90E-04	8.20E-04	3.00E-03	
AP	3	L15419-03	7/1/2009	Ru-106	4.60E-03	3.00E-03	9.90E-03	
AP	3	L15419-03	7/1/2009	Sb-124	-2.00E-04	2.20E-03	1.00E-02	
AP	3	L15419-03	7/1/2009	Sb-125	0.00E+00	7.70E-04	3.10E-03	
AP	3	L15419-03	7/1/2009	Se-75	-9.00E-05	3.60E-04	1.50E-03	
AP	3	L15419-03	7/1/2009	Zn-65	-9.20E-04	9.80E-04	4.70E-03	
AP	3	L15419-03	7/1/2009	Zr-95	9.00E-05	7.10E-04	3.30E-03	
AP	3	L15441-03	7/15/2009	Gross Beta	1.30E-02	1.40E-03	3.60E-03	*
AP	3	L15477-03	7/29/2009	Gross Beta	2.08E-02	1.70E-03	3.80E-03	*
AP	3	L15525-03	8/12/2009	Gross Beta	2.37E-02	1.70E-03	3.70E-03	*
AP	3	L15576-03	8/26/2009	Gross Beta	2.94E-02	1.70E-03	3.10E-03	*
AP	3	L15632-03	9/9/2009	Gross Beta	2.07E-02	1.50E-03	3.00E-03	*
AP	3	L15692-03	9/23/2009	Gross Beta	1.59E-02	1.40E-03	3.20E-03	*
AP	3	L15746-03	10/7/2009	Gross Beta	1.52E-02	1.40E-03	3.10E-03	*
AP	3	L15784-03	10/21/2009	Gross Beta	1.65E-02	1.40E-03	3.30E-03	*
AP	3	L15800-03	9/23/2009	AcTh-228	-2.00E-04	1.10E-03	4.40E-03	
AP	3	L15800-03	9/23/2009	Ag-108m	9.00E-05	1.90E-04	7.20E-04	
AP	3	L15800-03	9/23/2009	Ag-110m	-1.30E-04	4.00E-04	1.70E-03	
AP	3	L15800-03	9/23/2009	Ba-140	1.80E-02	1.50E-02	5.40E-02	
AP	3	L15800-03	9/23/2009	Be-7	1.15E-01	1.40E-02	2.80E-02	*
AP	3	L15800-03	9/23/2009	Ce-141	8.00E-04	1.20E-03	4.30E-03	
AP	3	L15800-03	9/23/2009	Ce-144	-1.50E-03	1.20E-03	4.90E-03	
AP	3	L15800-03	9/23/2009	Co-57	1.80E-04	1.50E-04	5.10E-04	
AP	3	L15800-03	9/23/2009	Co-58	7.80E-04	6.10E-04	2.10E-03	
AP	3	L15800-03	9/23/2009	Co-60	4.60E-04	2.80E-04	8.40E-04	
AP	3	L15800-03	9/23/2009	Cr-51	2.30E-02	1.40E-02	4.50E-02	
AP	3	L15800-03	9/23/2009	Cs-134	-1.70E-04	2.10E-04	1.20E-03	
AP	3	L15800-03	9/23/2009	Cs-137	9.00E-05	2.90E-04	1.10E-03	
AP	3	L15800-03	9/23/2009	Fe-59	-3.00E-04	1.70E-03	7.20E-03	
AP	3	L15800-03	9/23/2009	I-131	-7.50E-02	5.60E-02	2.30E-01	
AP	3	L15800-03	9/23/2009	K-40	-6.00E-04	4.30E-03	1.70E-02	
AP	3	L15800-03	9/23/2009	La-140	1.80E-02	1.50E-02	5.40E-02	
AP	3	L15800-03	9/23/2009	Mn-54	-2.60E-04	2.60E-04	1.20E-03	
AP	3	L15800-03	9/23/2009	Nb-95	-1.09E-03	9.50E-04	4.50E-03	
AP	3	L15800-03	9/23/2009	Ru-103	1.29E-03	8.30E-04	2.70E-03	
AP	3	L15800-03	9/23/2009	Ru-106	9.00E-04	2.30E-03	8.80E-03	
AP	3	L15800-03	9/23/2009	Sb-124	7.00E-04	1.20E-03	5.20E-03	
AP	3	L15800-03	9/23/2009	Sb-125	-1.01E-03	6.60E-04	2.90E-03	
AP	3	L15800-03	9/23/2009	Se-75	2.80E-04	4.50E-04	1.60E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	3	L15800-03	9/23/2009	Zn-65	-9.10E-04	8.50E-04	3.80E-03	
AP	3	L15800-03	9/23/2009	Zr-95	-6.00E-04	1.00E-03	4.30E-03	
AP	3	L15875-03	11/4/2009	Gross Beta	1.77E-02	1.50E-03	3.20E-03	*
AP	3	L15913-03	11/18/2009	Gross Beta	2.09E-02	1.50E-03	3.10E-03	*
AP	3	L15962-03	12/2/2009	Gross Beta	1.84E-02	1.50E-03	3.40E-03	*
AP	3	L15993-03	12/16/2009	Gross Beta	2.20E-02	1.60E-03	3.50E-03	*
AP	3	L16040-03	12/30/2009	Gross Beta	1.56E-02	1.50E-03	3.50E-03	*
AP	3	L16060-03	12/30/2009	AcTh-228	-1.30E-03	1.00E-03	6.10E-03	
AP	3	L16060-03	12/30/2009	Ag-108m	-1.70E-04	2.50E-04	1.10E-03	
AP	3	L16060-03	12/30/2009	Ag-110m	2.60E-04	4.60E-04	1.90E-03	
AP	3	L16060-03	12/30/2009	Ba-140	3.50E-03	7.90E-03	3.30E-02	
AP	3	L16060-03	12/30/2009	Be-7	1.03E-01	1.50E-02	2.50E-02	*
AP	3	L16060-03	12/30/2009	Ce-141	-3.30E-04	7.40E-04	3.10E-03	
AP	3	L16060-03	12/30/2009	Ce-144	-2.17E-03	8.50E-04	4.60E-03	
AP	3	L16060-03	12/30/2009	Co-57	0.00E+00	1.30E-04	5.30E-04	
AP	3	L16060-03	12/30/2009	Co-58	-2.30E-04	2.30E-04	1.80E-03	
AP	3	L16060-03	12/30/2009	Co-60	5.00E-05	4.70E-04	2.20E-03	
AP	3	L16060-03	12/30/2009	Cr-51	3.30E-03	8.70E-03	3.30E-02	
AP	3	L16060-03	12/30/2009	Cs-134	7.00E-05	2.10E-04	9.40E-04	
AP	3	L16060-03	12/30/2009	Cs-137	2.80E-04	2.00E-04	3.80E-04	
AP	3	L16060-03	12/30/2009	Fe-59	-8.60E-04	8.60E-04	6.30E-03	
AP	3	L16060-03	12/30/2009	I-131	-6.00E-04	5.70E-03	2.50E-02	
AP	3	L16060-03	12/30/2009	K-40	-5.00E-04	4.40E-03	2.20E-02	
AP	3	L16060-03	12/30/2009	La-140	3.50E-03	7.90E-03	3.30E-02	
AP	3	L16060-03	12/30/2009	Mn-54	-2.80E-04	3.20E-04	1.70E-03	
AP	3	L16060-03	12/30/2009	Nb-95	-6.80E-04	7.50E-04	4.20E-03	
AP	3	L16060-03	12/30/2009	Ru-103	5.40E-04	6.60E-04	2.50E-03	
AP	3	L16060-03	12/30/2009	Ru-106	3.60E-03	3.00E-03	1.00E-02	
AP	3	L16060-03	12/30/2009	Sb-124	0.00E+00	1.80E-03	9.20E-03	
AP	3	L16060-03	12/30/2009	Sb-125	2.70E-04	7.20E-04	2.90E-03	
AP	3	L16060-03	12/30/2009	Se-75	1.30E-04	3.90E-04	1.50E-03	
AP	3	L16060-03	12/30/2009	Zn-65	0.00E+00	6.80E-04	3.50E-03	
AP	3	L16060-03	12/30/2009	Zr-95	1.10E-03	1.10E-03	4.10E-03	
AP	4	L14814-04	1/14/2009	Gross Beta	1.78E-02	1.40E-03	3.20E-03	*
AP	4	L14843-04	1/27/2009	Gross Beta	2.38E-02	1.70E-03	3.50E-03	*
AP	4	L14892-04	2/11/2009	Gross Beta	2.55E-02	1.60E-03	3.70E-03	*
AP	4	L14929-04	2/25/2009	Gross Beta	1.13E-02	1.50E-03	4.00E-03	*
AP	4	L14963-04	3/11/2009	Gross Beta	2.36E-02	1.70E-03	3.90E-03	*
AP	4	L15012-04	3/25/2009	Gross Beta	2.68E-02	1.80E-03	4.10E-03	*
AP	4	L15059-04	4/8/2009	Gross Beta	7.50E-03	1.30E-03	3.70E-03	*
AP	4	L15112-04	4/22/2009	Gross Beta	1.93E-02	1.50E-03	3.10E-03	*
AP	4	L15165-04	3/25/2009	AcTh-228	-1.07E-03	8.70E-04	4.00E-03	
AP	4	L15165-04	3/25/2009	Ag-108m	-3.30E-04	2.10E-04	9.00E-04	
AP	4	L15165-04	3/25/2009	Ag-110m	3.70E-04	3.30E-04	1.10E-03	
AP	4	L15165-04	3/25/2009	Ba-140	-7.50E-03	7.50E-03	5.50E-02	
AP	4	L15165-04	3/25/2009	Be-7	1.28E-01	1.30E-02	1.40E-02	*
AP	4	L15165-04	3/25/2009	Ce-141	-1.00E-04	1.30E-03	4.70E-03	
AP	4	L15165-04	3/25/2009	Ce-144	-1.60E-03	1.20E-03	4.70E-03	
AP	4	L15165-04	3/25/2009	Co-57	1.00E-05	1.40E-04	5.20E-04	
AP	4	L15165-04	3/25/2009	Co-58	6.10E-04	5.30E-04	1.80E-03	
AP	4	L15165-04	3/25/2009	Co-60	2.10E-04	3.00E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	4	L15165-04	3/25/2009	Cr-51	-1.10E-02	1.20E-02	4.80E-02	
AP	4	L15165-04	3/25/2009	Cs-134	2.00E-05	2.00E-04	9.70E-04	
AP	4	L15165-04	3/25/2009	Cs-137	1.70E-04	2.10E-04	7.70E-04	
AP	4	L15165-04	3/25/2009	Fe-59	2.70E-03	1.70E-03	5.60E-03	
AP	4	L15165-04	3/25/2009	I-131	1.67E-01	8.50E-02	2.60E-01	
AP	4	L15165-04	3/25/2009	K-40	-7.00E-04	2.50E-03	1.20E-02	
AP	4	L15165-04	3/25/2009	La-140	-7.50E-03	7.50E-03	5.50E-02	
AP	4	L15165-04	3/25/2009	Mn-54	-7.30E-04	3.30E-04	1.60E-03	
AP	4	L15165-04	3/25/2009	Nb-95	-1.80E-03	1.30E-03	5.80E-03	
AP	4	L15165-04	3/25/2009	Ru-103	-6.60E-04	7.90E-04	3.40E-03	
AP	4	L15165-04	3/25/2009	Ru-106	1.10E-03	2.70E-03	1.00E-02	
AP	4	L15165-04	3/25/2009	Sb-124	0.00E+00	1.40E-03	6.40E-03	
AP	4	L15165-04	3/25/2009	Sb-125	-1.59E-03	6.70E-04	3.00E-03	
AP	4	L15165-04	3/25/2009	Se-75	-7.50E-04	4.80E-04	1.90E-03	
AP	4	L15165-04	3/25/2009	Zn-65	2.50E-04	9.20E-04	3.50E-03	
AP	4	L15165-04	3/25/2009	Zr-95	3.00E-04	1.00E-03	3.90E-03	
AP	4	L15177-04	5/6/2009	Gross Beta	1.86E-02	1.50E-03	3.10E-03	*
AP	4	L15223-04	5/20/2009	Gross Beta	1.46E-02	1.30E-03	2.80E-03	*
AP	4	L15282-04	6/3/2009	Gross Beta	1.48E-02	1.50E-03	3.70E-03	*
AP	4	L15318-04	6/17/2009	Gross Beta	1.22E-02	1.40E-03	3.70E-03	*
AP	4	L15374-04	7/1/2009	Gross Beta	1.11E-02	1.30E-03	3.60E-03	*
AP	4	L15419-04	7/1/2009	AcTh-228	-2.60E-03	1.10E-03	6.40E-03	
AP	4	L15419-04	7/1/2009	Ag-108m	-2.00E-04	2.40E-04	1.10E-03	
AP	4	L15419-04	7/1/2009	Ag-110m	6.20E-04	4.60E-04	1.50E-03	
AP	4	L15419-04	7/1/2009	Ba-140	-4.00E-03	4.00E-03	2.90E-02	
AP	4	L15419-04	7/1/2009	Be-7	1.12E-01	1.40E-02	2.00E-02	*
AP	4	L15419-04	7/1/2009	Ce-141	7.90E-04	8.10E-04	2.80E-03	
AP	4	L15419-04	7/1/2009	Ce-144	-2.00E-04	1.20E-03	4.70E-03	
AP	4	L15419-04	7/1/2009	Co-57	-2.90E-04	1.40E-04	6.30E-04	
AP	4	L15419-04	7/1/2009	Co-58	4.90E-04	5.10E-04	1.90E-03	
AP	4	L15419-04	7/1/2009	Co-60	-4.30E-04	3.10E-04	1.90E-03	
AP	4	L15419-04	7/1/2009	Cr-51	-8.20E-03	8.70E-03	3.70E-02	
AP	4	L15419-04	7/1/2009	Cs-134	3.40E-04	2.00E-04	7.30E-04	
AP	4	L15419-04	7/1/2009	Cs-137	9.00E-05	2.00E-04	8.60E-04	
AP	4	L15419-04	7/1/2009	Fe-59	-7.40E-04	7.40E-04	5.40E-03	
AP	4	L15419-04	7/1/2009	I-131	0.00E+00	1.00E-02	4.30E-02	
AP	4	L15419-04	7/1/2009	K-40	1.02E-02	5.80E-03	1.70E-02	
AP	4	L15419-04	7/1/2009	La-140	-4.00E-03	4.00E-03	2.90E-02	
AP	4	L15419-04	7/1/2009	Mn-54	1.30E-04	2.90E-04	1.20E-03	
AP	4	L15419-04	7/1/2009	Nb-95	1.20E-03	9.40E-04	3.20E-03	
AP	4	L15419-04	7/1/2009	Ru-103	9.40E-04	6.70E-04	2.20E-03	
AP	4	L15419-04	7/1/2009	Ru-106	-7.00E-04	3.10E-03	1.30E-02	
AP	4	L15419-04	7/1/2009	Sb-124	-1.00E-03	1.00E-03	7.70E-03	
AP	4	L15419-04	7/1/2009	Sb-125	-2.10E-04	7.00E-04	3.00E-03	
AP	4	L15419-04	7/1/2009	Se-75	-4.10E-04	3.90E-04	1.70E-03	
AP	4	L15419-04	7/1/2009	Zn-65	0.00E+00	7.50E-04	3.50E-03	
AP	4	L15419-04	7/1/2009	Zr-95	-2.39E-03	9.00E-04	5.40E-03	
AP	4	L15441-04	7/15/2009	Gross Beta	1.21E-02	1.40E-03	3.50E-03	*
AP	4	L15477-04	7/29/2009	Gross Beta	1.94E-02	1.50E-03	3.50E-03	*
AP	4	L15525-04	8/12/2009	Gross Beta	2.29E-02	1.60E-03	3.50E-03	*
AP	4	L15576-04	8/26/2009	Gross Beta	3.07E-02	1.70E-03	2.90E-03	*

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	4	L15632-04	9/9/2009	Gross Beta	1.76E-02	1.40E-03	2.80E-03	*
AP	4	L15692-04	9/23/2009	Gross Beta	1.90E-02	1.40E-03	3.00E-03	*
AP	4	L15746-04	10/7/2009	Gross Beta	1.43E-02	1.30E-03	2.90E-03	*
AP	4	L15784-04	10/21/2009	Gross Beta	1.77E-02	1.40E-03	3.10E-03	*
AP	4	L15800-04	9/23/2009	AcTh-228	5.00E-04	1.50E-03	6.20E-03	
AP	4	L15800-04	9/23/2009	Ag-108m	4.30E-04	3.90E-04	1.40E-03	
AP	4	L15800-04	9/23/2009	Ag-110m	-2.50E-04	4.30E-04	2.30E-03	
AP	4	L15800-04	9/23/2009	Ba-140	-8.00E-03	1.40E-02	7.40E-02	
AP	4	L15800-04	9/23/2009	Be-7	1.13E-01	1.80E-02	3.70E-02	*
AP	4	L15800-04	9/23/2009	Ce-141	-2.20E-03	1.40E-03	6.00E-03	
AP	4	L15800-04	9/23/2009	Ce-144	-1.10E-03	1.70E-03	6.90E-03	
AP	4	L15800-04	9/23/2009	Co-57	-7.00E-05	2.10E-04	8.20E-04	
AP	4	L15800-04	9/23/2009	Co-58	1.39E-03	9.20E-04	3.00E-03	
AP	4	L15800-04	9/23/2009	Co-60	-4.30E-04	4.30E-04	2.30E-03	
AP	4	L15800-04	9/23/2009	Cr-51	0.00E+00	1.30E-02	5.10E-02	
AP	4	L15800-04	9/23/2009	Cs-134	1.60E-04	3.50E-04	1.80E-03	
AP	4	L15800-04	9/23/2009	Cs-137	-1.10E-04	3.30E-04	1.50E-03	
AP	4	L15800-04	9/23/2009	Fe-59	-2.30E-03	2.10E-03	1.10E-02	
AP	4	L15800-04	9/23/2009	I-131	2.40E-02	4.20E-02	1.60E-01	
AP	4	L15800-04	9/23/2009	K-40	-8.00E-04	5.20E-03	2.40E-02	
AP	4	L15800-04	9/23/2009	La-140	-8.00E-03	1.40E-02	7.40E-02	
AP	4	L15800-04	9/23/2009	Mn-54	1.60E-04	2.80E-04	1.20E-03	
AP	4	L15800-04	9/23/2009	Nb-95	1.10E-03	1.60E-03	6.00E-03	
AP	4	L15800-04	9/23/2009	Ru-103	-9.20E-04	9.40E-04	4.50E-03	
AP	4	L15800-04	9/23/2009	Ru-106	7.30E-03	3.60E-03	9.90E-03	
AP	4	L15800-04	9/23/2009	Sb-124	0.00E+00	1.80E-03	9.10E-03	
AP	4	L15800-04	9/23/2009	Sb-125	-5.40E-04	6.70E-04	3.30E-03	
AP	4	L15800-04	9/23/2009	Se-75	-1.30E-04	5.60E-04	2.20E-03	
AP	4	L15800-04	9/23/2009	Zn-65	-1.70E-03	1.60E-03	7.10E-03	
AP	4	L15800-04	9/23/2009	Zr-95	0.00E+00	1.40E-03	6.10E-03	
AP	4	L15875-04	11/4/2009	Gross Beta	1.57E-02	1.30E-03	3.00E-03	*
AP	4	L15913-04	11/18/2009	Gross Beta	2.13E-02	1.50E-03	3.00E-03	*
AP	4	L15962-04	12/2/2009	Gross Beta	1.97E-02	1.50E-03	3.20E-03	*
AP	4	L15993-04	12/16/2009	Gross Beta	1.92E-02	1.50E-03	3.30E-03	*
AP	4	L16040-04	12/30/2009	Gross Beta	1.64E-02	1.40E-03	3.30E-03	*
AP	4	L16060-04	12/30/2009	AcTh-228	6.00E-04	1.00E-03	4.00E-03	
AP	4	L16060-04	12/30/2009	Ag-108m	3.30E-04	2.20E-04	7.10E-04	
AP	4	L16060-04	12/30/2009	Ag-110m	3.40E-04	3.40E-04	1.20E-03	
AP	4	L16060-04	12/30/2009	Ba-140	-2.30E-03	2.30E-03	1.60E-02	
AP	4	L16060-04	12/30/2009	Be-7	7.70E-02	1.10E-02	2.00E-02	*
AP	4	L16060-04	12/30/2009	Ce-141	-3.00E-04	7.40E-04	3.00E-03	
AP	4	L16060-04	12/30/2009	Ce-144	-6.00E-04	1.00E-03	4.30E-03	
AP	4	L16060-04	12/30/2009	Co-57	-4.00E-05	1.50E-04	5.90E-04	
AP	4	L16060-04	12/30/2009	Co-58	5.10E-04	5.10E-04	1.80E-03	
AP	4	L16060-04	12/30/2009	Co-60	3.00E-04	3.00E-04	1.10E-03	
AP	4	L16060-04	12/30/2009	Cr-51	1.60E-03	6.60E-03	2.50E-02	
AP	4	L16060-04	12/30/2009	Cs-134	-1.90E-04	2.20E-04	1.10E-03	
AP	4	L16060-04	12/30/2009	Cs-137	-5.80E-04	2.50E-04	1.40E-03	
AP	4	L16060-04	12/30/2009	Fe-59	-7.00E-04	1.60E-03	7.10E-03	
AP	4	L16060-04	12/30/2009	I-131	-6.50E-03	6.50E-03	2.80E-02	
AP	4	L16060-04	12/30/2009	K-40	1.40E-03	3.00E-03	1.30E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	4	L16060-04	12/30/2009	La-140	-2.30E-03	2.30E-03	1.60E-02	
AP	4	L16060-04	12/30/2009	Mn-54	2.20E-04	3.50E-04	1.30E-03	
AP	4	L16060-04	12/30/2009	Nb-95	-4.50E-04	6.10E-04	3.00E-03	
AP	4	L16060-04	12/30/2009	Ru-103	-6.80E-04	8.60E-04	3.60E-03	
AP	4	L16060-04	12/30/2009	Ru-106	-6.00E-04	1.40E-03	7.40E-03	
AP	4	L16060-04	12/30/2009	Sb-124	7.30E-04	7.30E-04	2.00E-03	
AP	4	L16060-04	12/30/2009	Sb-125	0.00E+00	7.40E-04	3.00E-03	
AP	4	L16060-04	12/30/2009	Se-75	2.50E-04	3.00E-04	1.10E-03	
AP	4	L16060-04	12/30/2009	Zn-65	6.50E-04	7.00E-04	2.60E-03	
AP	4	L16060-04	12/30/2009	Zr-95	9.10E-04	6.80E-04	2.20E-03	
AP	5	L14814-05	1/14/2009	Gross Beta	1.93E-02	1.50E-03	3.30E-03	*
AP	5	L14843-05	1/27/2009	Gross Beta	2.79E-02	1.80E-03	3.60E-03	*
AP	5	L14892-05	2/11/2009	Gross Beta	2.31E-02	1.60E-03	3.80E-03	*
AP	5	L14929-05	2/25/2009	Gross Beta	1.30E-02	1.50E-03	4.10E-03	*
AP	5	L14963-05	3/11/2009	Gross Beta	2.54E-02	1.80E-03	4.00E-03	*
AP	5	L15012-05	3/25/2009	Gross Beta	2.80E-02	1.80E-03	4.20E-03	*
AP	5	L15059-05	4/8/2009	Gross Beta	5.70E-03	1.30E-03	3.80E-03	*
AP	5	L15112-05	4/22/2009	Gross Beta	2.17E-02	1.60E-03	3.20E-03	*
AP	5	L15165-05	3/25/2009	AcTh-228	1.80E-03	1.20E-03	4.00E-03	
AP	5	L15165-05	3/25/2009	Ag-108m	-6.00E-05	1.50E-04	6.70E-04	
AP	5	L15165-05	3/25/2009	Ag-110m	0.00E+00	3.70E-04	1.70E-03	
AP	5	L15165-05	3/25/2009	Ba-140	-1.50E-02	2.20E-02	1.20E-01	
AP	5	L15165-05	3/25/2009	Be-7	1.32E-01	1.70E-02	3.20E-02	*
AP	5	L15165-05	3/25/2009	Ce-141	-2.00E-04	1.30E-03	4.90E-03	
AP	5	L15165-05	3/25/2009	Ce-144	-1.20E-03	1.20E-03	4.70E-03	
AP	5	L15165-05	3/25/2009	Co-57	0.00E+00	1.40E-04	5.10E-04	
AP	5	L15165-05	3/25/2009	Co-58	-2.30E-04	5.00E-04	2.40E-03	
AP	5	L15165-05	3/25/2009	Co-60	1.70E-04	2.90E-04	1.20E-03	
AP	5	L15165-05	3/25/2009	Cr-51	-3.50E-02	1.10E-02	5.70E-02	
AP	5	L15165-05	3/25/2009	Cs-134	2.00E-05	2.10E-04	1.00E-03	
AP	5	L15165-05	3/25/2009	Cs-137	3.50E-04	2.30E-04	7.30E-04	
AP	5	L15165-05	3/25/2009	Fe-59	7.00E-04	2.00E-03	8.60E-03	
AP	5	L15165-05	3/25/2009	I-131	2.20E-02	9.10E-02	3.50E-01	
AP	5	L15165-05	3/25/2009	K-40	1.10E-03	3.70E-03	1.60E-02	
AP	5	L15165-05	3/25/2009	La-140	-1.50E-02	2.20E-02	1.20E-01	
AP	5	L15165-05	3/25/2009	Mn-54	-4.80E-04	3.40E-04	1.70E-03	
AP	5	L15165-05	3/25/2009	Nb-95	1.20E-03	1.60E-03	5.80E-03	
AP	5	L15165-05	3/25/2009	Ru-103	2.90E-04	7.60E-04	3.10E-03	
AP	5	L15165-05	3/25/2009	Ru-106	1.00E-03	3.30E-03	1.30E-02	
AP	5	L15165-05	3/25/2009	Sb-124	-1.20E-03	1.20E-03	8.70E-03	
AP	5	L15165-05	3/25/2009	Sb-125	-5.40E-04	5.40E-04	2.50E-03	
AP	5	L15165-05	3/25/2009	Se-75	-9.00E-05	3.60E-04	1.40E-03	
AP	5	L15165-05	3/25/2009	Zn-65	-1.30E-04	8.80E-04	3.90E-03	
AP	5	L15165-05	3/25/2009	Zr-95	-1.30E-03	1.20E-03	5.70E-03	
AP	5	L15177-05	5/6/2009	Gross Beta	2.03E-02	1.50E-03	3.20E-03	*
AP	5	L15223-05	5/20/2009	Gross Beta	1.50E-02	1.30E-03	2.80E-03	*
AP	5	L15282-05	6/3/2009	Gross Beta	1.51E-02	1.50E-03	3.70E-03	*
AP	5	L15318-05	6/17/2009	Gross Beta	1.23E-02	1.40E-03	3.70E-03	*
AP	5	L15374-05	7/1/2009	Gross Beta	7.90E-03	1.30E-03	3.50E-03	*
AP	5	L15419-05	7/1/2009	AcTh-228	1.90E-04	9.40E-04	4.20E-03	
AP	5	L15419-05	7/1/2009	Ag-108m	-2.00E-04	2.40E-04	1.10E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	5	L15419-05	7/1/2009	Ag-110m	4.20E-04	5.10E-04	1.90E-03	
AP	5	L15419-05	7/1/2009	Ba-140	4.20E-03	4.20E-03	1.10E-02	
AP	5	L15419-05	7/1/2009	Be-7	1.15E-01	1.40E-02	2.40E-02	*
AP	5	L15419-05	7/1/2009	Ce-141	-1.51E-03	8.90E-04	3.90E-03	
AP	5	L15419-05	7/1/2009	Ce-144	2.30E-03	1.20E-03	3.80E-03	
AP	5	L15419-05	7/1/2009	Co-57	-8.00E-05	1.50E-04	6.00E-04	
AP	5	L15419-05	7/1/2009	Co-58	1.10E-04	5.90E-04	2.50E-03	
AP	5	L15419-05	7/1/2009	Co-60	0.00E+00	0.00E+00	5.30E-04	
AP	5	L15419-05	7/1/2009	Cr-51	1.48E-02	8.70E-03	2.80E-02	
AP	5	L15419-05	7/1/2009	Cs-134	1.40E-04	2.00E-04	9.40E-04	
AP	5	L15419-05	7/1/2009	Cs-137	4.00E-05	3.50E-04	1.40E-03	
AP	5	L15419-05	7/1/2009	Fe-59	3.80E-03	1.70E-03	2.00E-03	
AP	5	L15419-05	7/1/2009	I-131	1.70E-02	1.00E-02	3.20E-02	
AP	5	L15419-05	7/1/2009	K-40	3.00E-04	2.80E-03	1.40E-02	
AP	5	L15419-05	7/1/2009	La-140	4.20E-03	4.20E-03	1.10E-02	
AP	5	L15419-05	7/1/2009	Mn-54	-3.00E-05	1.90E-04	1.00E-03	
AP	5	L15419-05	7/1/2009	Nb-95	1.30E-03	1.20E-03	4.20E-03	
AP	5	L15419-05	7/1/2009	Ru-103	2.40E-04	5.40E-04	2.20E-03	
AP	5	L15419-05	7/1/2009	Ru-106	-3.70E-03	2.60E-03	1.30E-02	
AP	5	L15419-05	7/1/2009	Sb-124	-1.10E-03	1.80E-03	9.80E-03	
AP	5	L15419-05	7/1/2009	Sb-125	-4.30E-04	6.00E-04	2.80E-03	
AP	5	L15419-05	7/1/2009	Se-75	5.80E-04	4.00E-04	1.30E-03	
AP	5	L15419-05	7/1/2009	Zn-65	-3.80E-04	8.50E-04	4.10E-03	
AP	5	L15419-05	7/1/2009	Zr-95	-5.90E-04	8.90E-04	4.40E-03	
AP	5	L15441-05	7/15/2009	Gross Beta	1.27E-02	1.30E-03	3.40E-03	*
AP	5	L15477-05	7/29/2009	Gross Beta	1.80E-02	1.50E-03	3.60E-03	*
AP	5	L15525-05	8/12/2009	Gross Beta	2.45E-02	1.70E-03	3.50E-03	*
AP	5	L15576-05	8/26/2009	Gross Beta	3.27E-02	1.70E-03	2.80E-03	*
AP	5	L15632-05	9/9/2009	Gross Beta	1.88E-02	1.40E-03	2.90E-03	*
AP	5	L15692-05	9/23/2009	Gross Beta	1.94E-02	1.40E-03	3.00E-03	*
AP	5	L15746-05	10/7/2009	Gross Beta	1.41E-02	1.30E-03	2.90E-03	*
AP	5	L15784-05	10/21/2009	Gross Beta	1.93E-02	1.50E-03	3.10E-03	*
AP	5	L15800-05	9/23/2009	AcTh-228	1.00E-03	1.10E-03	4.40E-03	
AP	5	L15800-05	9/23/2009	Ag-108m	1.10E-04	2.50E-04	1.10E-03	
AP	5	L15800-05	9/23/2009	Ag-110m	0.00E+00	5.10E-04	2.70E-03	
AP	5	L15800-05	9/23/2009	Ba-140	1.30E-02	1.30E-02	3.40E-02	
AP	5	L15800-05	9/23/2009	Be-7	1.21E-01	2.00E-02	3.00E-02	*
AP	5	L15800-05	9/23/2009	Ce-141	2.50E-03	1.50E-03	5.00E-03	
AP	5	L15800-05	9/23/2009	Ce-144	2.30E-03	1.90E-03	6.50E-03	
AP	5	L15800-05	9/23/2009	Co-57	2.00E-05	2.30E-04	8.80E-04	
AP	5	L15800-05	9/23/2009	Co-58	4.00E-04	7.00E-04	3.00E-03	
AP	5	L15800-05	9/23/2009	Co-60	0.00E+00	0.00E+00	9.00E-04	
AP	5	L15800-05	9/23/2009	Cr-51	-2.20E-03	8.90E-03	4.30E-02	
AP	5	L15800-05	9/23/2009	Cs-134	-1.50E-04	2.80E-04	1.70E-03	
AP	5	L15800-05	9/23/2009	Cs-137	1.20E-04	4.40E-04	1.90E-03	
AP	5	L15800-05	9/23/2009	Fe-59	-1.80E-03	2.70E-03	1.40E-02	
AP	5	L15800-05	9/23/2009	I-131	3.10E-02	5.00E-02	1.90E-01	
AP	5	L15800-05	9/23/2009	K-40	9.50E-03	6.70E-03	2.10E-02	
AP	5	L15800-05	9/23/2009	La-140	1.30E-02	1.30E-02	3.40E-02	
AP	5	L15800-05	9/23/2009	Mn-54	-2.40E-04	2.40E-04	1.70E-03	
AP	5	L15800-05	9/23/2009	Nb-95	1.80E-03	2.00E-03	7.50E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	5	L15800-05	9/23/2009	Ru-103	0.00E+00	1.10E-03	5.00E-03	
AP	5	L15800-05	9/23/2009	Ru-106	4.90E-03	4.00E-03	1.40E-02	
AP	5	L15800-05	9/23/2009	Sb-124	2.00E-03	2.00E-03	5.30E-03	
AP	5	L15800-05	9/23/2009	Sb-125	-7.00E-04	1.00E-03	4.70E-03	
AP	5	L15800-05	9/23/2009	Se-75	-8.00E-05	5.80E-04	2.40E-03	
AP	5	L15800-05	9/23/2009	Zn-65	0.00E+00	0.00E+00	1.80E-03	
AP	5	L15800-05	9/23/2009	Zr-95	1.50E-03	1.40E-03	5.00E-03	
AP	5	L15875-05	11/4/2009	Gross Beta	1.62E-02	1.40E-03	3.00E-03	*
AP	5	L15913-05	11/18/2009	Gross Beta	2.29E-02	1.50E-03	2.90E-03	*
AP	5	L15962-05	12/2/2009	Gross Beta	2.17E-02	1.50E-03	3.20E-03	*
AP	5	L15993-05	12/16/2009	Gross Beta	2.22E-02	1.60E-03	3.30E-03	*
AP	5	L16040-05	12/30/2009	Gross Beta	1.55E-02	1.40E-03	3.30E-03	*
AP	5	L16060-05	12/30/2009	AcTh-228	2.20E-03	1.50E-03	4.70E-03	
AP	5	L16060-05	12/30/2009	Ag-108m	2.40E-04	2.90E-04	1.00E-03	
AP	5	L16060-05	12/30/2009	Ag-110m	-2.40E-04	4.20E-04	2.30E-03	
AP	5	L16060-05	12/30/2009	Ba-140	-7.20E-03	5.10E-03	3.20E-02	
AP	5	L16060-05	12/30/2009	Be-7	6.60E-02	1.20E-02	2.10E-02	*
AP	5	L16060-05	12/30/2009	Ce-141	-5.80E-04	6.70E-04	2.90E-03	
AP	5	L16060-05	12/30/2009	Ce-144	-3.00E-04	1.10E-03	4.60E-03	
AP	5	L16060-05	12/30/2009	Co-57	-1.60E-04	1.20E-04	5.50E-04	
AP	5	L16060-05	12/30/2009	Co-58	2.40E-04	2.40E-04	6.60E-04	
AP	5	L16060-05	12/30/2009	Co-60	2.30E-04	4.00E-04	1.70E-03	
AP	5	L16060-05	12/30/2009	Cr-51	-1.40E-03	6.90E-03	2.90E-02	
AP	5	L16060-05	12/30/2009	Cs-134	-3.00E-05	1.80E-04	1.20E-03	
AP	5	L16060-05	12/30/2009	Cs-137	-5.00E-04	3.90E-04	1.90E-03	
AP	5	L16060-05	12/30/2009	Fe-59	-3.00E-04	2.10E-03	9.20E-03	
AP	5	L16060-05	12/30/2009	I-131	6.60E-03	4.50E-03	1.40E-02	
AP	5	L16060-05	12/30/2009	K-40	-3.10E-03	3.30E-03	2.00E-02	
AP	5	L16060-05	12/30/2009	La-140	-7.20E-03	5.10E-03	3.20E-02	
AP	5	L16060-05	12/30/2009	Mn-54	-1.60E-04	2.80E-04	1.50E-03	
AP	5	L16060-05	12/30/2009	Nb-95	-2.02E-03	8.20E-04	5.00E-03	
AP	5	L16060-05	12/30/2009	Ru-103	-7.50E-04	4.30E-04	2.70E-03	
AP	5	L16060-05	12/30/2009	Ru-106	-2.00E-03	3.40E-03	1.60E-02	
AP	5	L16060-05	12/30/2009	Sb-124	1.20E-03	1.20E-03	3.10E-03	
AP	5	L16060-05	12/30/2009	Sb-125	-7.50E-04	5.60E-04	3.00E-03	
AP	5	L16060-05	12/30/2009	Se-75	3.10E-04	3.60E-04	1.30E-03	
AP	5	L16060-05	12/30/2009	Zn-65	-1.70E-03	1.60E-03	7.20E-03	
AP	5	L16060-05	12/30/2009	Zr-95	-3.20E-04	6.90E-04	3.70E-03	
AP	7	L14814-06	1/14/2009	Gross Beta	1.91E-02	1.50E-03	3.30E-03	*
AP	7	L14843-06	1/27/2009	Gross Beta	2.77E-02	1.80E-03	3.70E-03	*
AP	7	L14892-06	2/11/2009	Gross Beta	2.70E-02	1.70E-03	3.90E-03	*
AP	7	L14929-06	2/25/2009	Gross Beta	1.34E-02	1.50E-03	4.00E-03	*
AP	7	L14963-06	3/11/2009	Gross Beta	2.48E-02	1.80E-03	4.00E-03	*
AP	7	L15012-06	3/25/2009	Gross Beta	2.83E-02	1.90E-03	4.20E-03	*
AP	7	L15059-06	4/8/2009	Gross Beta	5.50E-03	1.30E-03	3.80E-03	*
AP	7	L15112-06	4/22/2009	Gross Beta	2.01E-02	1.50E-03	3.20E-03	*
AP	7	L15177-06	5/6/2009	Gross Beta	2.07E-02	1.50E-03	3.20E-03	*
AP	7	L15223-06	5/20/2009	Gross Beta	1.40E-02	1.30E-03	2.80E-03	*
AP	7	L15282-06	6/3/2009	Gross Beta	1.28E-02	1.40E-03	3.60E-03	*
AP	7	L15318-06	6/17/2009	Gross Beta	1.13E-02	1.40E-03	3.60E-03	*
AP	7	L15374-06	7/1/2009	Gross Beta	1.05E-02	1.30E-03	3.50E-03	*

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	7	L15441-06	7/15/2009	Gross Beta	1.30E-02	1.30E-03	3.40E-03	*
AP	7	L15477-06	7/29/2009	Gross Beta	1.91E-02	1.50E-03	3.40E-03	*
AP	7	L15525-06	8/12/2009	Gross Beta	2.23E-02	1.60E-03	3.50E-03	*
AP	7	L15576-06	8/26/2009	Gross Beta	3.22E-02	1.70E-03	2.70E-03	*
AP	7	L15632-06	9/9/2009	Gross Beta	1.91E-02	1.40E-03	2.80E-03	*
AP	7	L15692-06	9/23/2009	Gross Beta	2.04E-02	1.40E-03	2.90E-03	*
AP	7	L15746-06	10/7/2009	Gross Beta	1.55E-02	1.30E-03	2.80E-03	*
AP	7	L15784-06	10/21/2009	Gross Beta	1.63E-02	1.30E-03	3.00E-03	*
AP	7	L15875-06	11/4/2009	Gross Beta	1.97E-02	1.40E-03	2.90E-03	*
AP	7	L15913-06	11/18/2009	Gross Beta	2.59E-02	1.70E-03	3.20E-03	*
AP	7	L15962-06	12/2/2009	Gross Beta	2.17E-02	1.50E-03	3.20E-03	*
AP	7	L15993-06	12/16/2009	Gross Beta	2.15E-02	1.60E-03	3.30E-03	*
AP	7	L16040-06	12/30/2009	Gross Beta	1.80E-02	1.50E-03	3.30E-03	*
AP	7	L15165-06	3/25/2009	AcTh-228	-1.90E-03	1.10E-03	5.60E-03	
AP	7	L15165-06	3/25/2009	Ag-108m	-1.20E-04	1.60E-04	7.60E-04	
AP	7	L15165-06	3/25/2009	Ag-110m	3.80E-04	4.60E-04	1.80E-03	
AP	7	L15165-06	3/25/2009	Ba-140	0.00E+00	1.70E-02	9.10E-02	
AP	7	L15165-06	3/25/2009	Be-7	1.36E-01	1.70E-02	2.80E-02	*
AP	7	L15165-06	3/25/2009	Ce-141	-1.10E-03	1.30E-03	5.20E-03	
AP	7	L15165-06	3/25/2009	Ce-144	-3.00E-04	1.00E-03	4.00E-03	
AP	7	L15165-06	3/25/2009	Co-57	0.00E+00	1.40E-04	5.30E-04	
AP	7	L15165-06	3/25/2009	Co-58	2.60E-04	3.90E-04	1.60E-03	
AP	7	L15165-06	3/25/2009	Co-60	-4.00E-04	3.70E-04	1.90E-03	
AP	7	L15165-06	3/25/2009	Cr-51	3.00E-03	1.30E-02	5.10E-02	
AP	7	L15165-06	3/25/2009	Cs-134	4.00E-05	2.40E-04	1.30E-03	
AP	7	L15165-06	3/25/2009	Cs-137	2.80E-04	4.00E-04	1.50E-03	
AP	7	L15165-06	3/25/2009	Fe-59	-9.00E-04	2.40E-03	1.10E-02	
AP	7	L15165-06	3/25/2009	I-131	1.90E-01	1.10E-01	3.50E-01	
AP	7	L15165-06	3/25/2009	K-40	3.40E-03	3.80E-03	1.40E-02	
AP	7	L15165-06	3/25/2009	La-140	0.00E+00	1.70E-02	9.10E-02	
AP	7	L15165-06	3/25/2009	Mn-54	2.00E-05	1.60E-04	8.60E-04	
AP	7	L15165-06	3/25/2009	Nb-95	-6.00E-04	1.40E-03	6.40E-03	
AP	7	L15165-06	3/25/2009	Ru-103	6.00E-04	7.30E-04	2.80E-03	
AP	7	L15165-06	3/25/2009	Ru-106	4.40E-03	2.50E-03	7.20E-03	
AP	7	L15165-06	3/25/2009	Sb-124	-2.30E-03	3.20E-03	1.50E-02	
AP	7	L15165-06	3/25/2009	Sb-125	9.30E-04	5.60E-04	1.70E-03	
AP	7	L15165-06	3/25/2009	Se-75	9.20E-04	4.20E-04	1.30E-03	
AP	7	L15165-06	3/25/2009	Zn-65	3.50E-04	3.50E-04	9.30E-04	
AP	7	L15165-06	3/25/2009	Zr-95	1.40E-03	1.10E-03	3.70E-03	
AP	7	L15419-06	7/1/2009	AcTh-228	1.60E-03	1.20E-03	4.10E-03	
AP	7	L15419-06	7/1/2009	Ag-108m	1.30E-04	1.90E-04	7.20E-04	
AP	7	L15419-06	7/1/2009	Ag-110m	1.03E-03	6.20E-04	1.90E-03	
AP	7	L15419-06	7/1/2009	Ba-140	0.00E+00	8.30E-03	3.80E-02	
AP	7	L15419-06	7/1/2009	Be-7	1.11E-01	1.40E-02	2.30E-02	*
AP	7	L15419-06	7/1/2009	Ce-141	-5.90E-04	8.40E-04	3.40E-03	
AP	7	L15419-06	7/1/2009	Ce-144	1.20E-03	1.20E-03	4.00E-03	
AP	7	L15419-06	7/1/2009	Co-57	-2.20E-04	1.60E-04	6.60E-04	
AP	7	L15419-06	7/1/2009	Co-58	-1.40E-04	4.50E-04	2.20E-03	
AP	7	L15419-06	7/1/2009	Co-60	-2.00E-05	2.90E-04	1.50E-03	
AP	7	L15419-06	7/1/2009	Cr-51	2.10E-03	9.10E-03	3.50E-02	
AP	7	L15419-06	7/1/2009	Cs-134	9.00E-05	2.30E-04	9.60E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	7	L15419-06	7/1/2009	Cs-137	-1.80E-04	3.20E-04	1.40E-03	
AP	7	L15419-06	7/1/2009	Fe-59	3.00E-03	1.80E-03	5.50E-03	
AP	7	L15419-06	7/1/2009	I-131	-7.00E-03	1.40E-02	5.80E-02	
AP	7	L15419-06	7/1/2009	K-40	4.40E-03	4.70E-03	1.70E-02	
AP	7	L15419-06	7/1/2009	La-140	0.00E+00	8.30E-03	3.80E-02	
AP	7	L15419-06	7/1/2009	Mn-54	1.30E-04	2.90E-04	1.20E-03	
AP	7	L15419-06	7/1/2009	Nb-95	-6.50E-04	4.60E-04	3.20E-03	
AP	7	L15419-06	7/1/2009	Ru-103	4.80E-04	6.80E-04	2.60E-03	
AP	7	L15419-06	7/1/2009	Ru-106	-5.90E-03	2.60E-03	1.40E-02	
AP	7	L15419-06	7/1/2009	Sb-124	0.00E+00	0.00E+00	2.80E-03	
AP	7	L15419-06	7/1/2009	Sb-125	8.50E-04	7.90E-04	2.80E-03	
AP	7	L15419-06	7/1/2009	Se-75	-4.70E-04	4.20E-04	1.80E-03	
AP	7	L15419-06	7/1/2009	Zn-65	-1.13E-03	6.50E-04	4.00E-03	
AP	7	L15419-06	7/1/2009	Zr-95	-1.67E-03	9.30E-04	5.10E-03	
AP	7	L15800-06	9/23/2009	AcTh-228	-1.50E-03	1.70E-03	8.90E-03	
AP	7	L15800-06	9/23/2009	Ag-108m	0.00E+00	3.20E-04	1.40E-03	
AP	7	L15800-06	9/23/2009	Ag-110m	7.10E-04	7.10E-04	2.60E-03	
AP	7	L15800-06	9/23/2009	Ba-140	-1.20E-02	1.20E-02	9.10E-02	
AP	7	L15800-06	9/23/2009	Be-7	1.10E-01	2.00E-02	3.80E-02	*
AP	7	L15800-06	9/23/2009	Ce-141	4.00E-04	1.40E-03	5.50E-03	
AP	7	L15800-06	9/23/2009	Ce-144	9.00E-04	1.40E-03	5.40E-03	
AP	7	L15800-06	9/23/2009	Co-57	-1.40E-04	2.00E-04	8.50E-04	
AP	7	L15800-06	9/23/2009	Co-58	-6.50E-04	7.20E-04	4.00E-03	
AP	7	L15800-06	9/23/2009	Co-60	3.30E-04	3.30E-04	8.80E-04	
AP	7	L15800-06	9/23/2009	Cr-51	0.00E+00	1.50E-02	6.20E-02	
AP	7	L15800-06	9/23/2009	Cs-134	-6.00E-05	2.70E-04	1.60E-03	
AP	7	L15800-06	9/23/2009	Cs-137	-4.30E-04	3.00E-04	1.90E-03	
AP	7	L15800-06	9/23/2009	Fe-59	-2.90E-03	4.00E-03	1.90E-02	
AP	7	L15800-06	9/23/2009	I-131	3.10E-02	4.40E-02	1.70E-01	
AP	7	L15800-06	9/23/2009	K-40	9.10E-03	7.90E-03	2.80E-02	
AP	7	L15800-06	9/23/2009	La-140	-1.20E-02	1.20E-02	9.10E-02	
AP	7	L15800-06	9/23/2009	Mn-54	5.50E-04	6.30E-04	2.30E-03	
AP	7	L15800-06	9/23/2009	Nb-95	-2.60E-03	1.30E-03	8.30E-03	
AP	7	L15800-06	9/23/2009	Ru-103	-1.40E-03	1.00E-03	5.60E-03	
AP	7	L15800-06	9/23/2009	Ru-106	4.90E-03	4.00E-03	1.40E-02	
AP	7	L15800-06	9/23/2009	Sb-124	0.00E+00	2.70E-03	1.40E-02	
AP	7	L15800-06	9/23/2009	Sb-125	0.00E+00	8.80E-04	3.90E-03	
AP	7	L15800-06	9/23/2009	Se-75	8.80E-04	5.10E-04	1.60E-03	
AP	7	L15800-06	9/23/2009	Zn-65	-6.50E-04	6.50E-04	4.80E-03	
AP	7	L15800-06	9/23/2009	Zr-95	-1.26E-03	8.90E-04	6.20E-03	
AP	7	L16060-06	12/30/2009	AcTh-228	-1.10E-04	5.70E-04	3.60E-03	
AP	7	L16060-06	12/30/2009	Ag-108m	4.10E-04	2.40E-04	7.60E-04	
AP	7	L16060-06	12/30/2009	Ag-110m	-4.90E-04	6.10E-04	3.00E-03	
AP	7	L16060-06	12/30/2009	Ba-140	0.00E+00	6.60E-03	3.10E-02	
AP	7	L16060-06	12/30/2009	Be-7	6.50E-02	1.30E-02	3.00E-02	*
AP	7	L16060-06	12/30/2009	Ce-141	1.40E-04	8.50E-04	3.20E-03	
AP	7	L16060-06	12/30/2009	Ce-144	-1.50E-03	1.00E-03	4.70E-03	
AP	7	L16060-06	12/30/2009	Co-57	-5.00E-05	1.30E-04	5.30E-04	
AP	7	L16060-06	12/30/2009	Co-58	6.00E-05	4.70E-04	2.20E-03	
AP	7	L16060-06	12/30/2009	Co-60	5.00E-05	4.50E-04	2.10E-03	
AP	7	L16060-06	12/30/2009	Cr-51	8.70E-03	8.10E-03	2.80E-02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	7	L16060-06	12/30/2009	Cs-134	-2.80E-04	1.80E-04	1.50E-03	
AP	7	L16060-06	12/30/2009	Cs-137	-3.50E-04	3.60E-04	1.70E-03	
AP	7	L16060-06	12/30/2009	Fe-59	-8.00E-04	1.40E-03	7.50E-03	
AP	7	L16060-06	12/30/2009	I-131	1.60E-03	5.70E-03	2.40E-02	
AP	7	L16060-06	12/30/2009	K-40	1.90E-03	4.70E-03	2.00E-02	
AP	7	L16060-06	12/30/2009	La-140	0.00E+00	6.60E-03	3.10E-02	
AP	7	L16060-06	12/30/2009	Mn-54	2.00E-05	2.20E-04	1.10E-03	
AP	7	L16060-06	12/30/2009	Nb-95	-9.80E-04	7.90E-04	4.30E-03	
AP	7	L16060-06	12/30/2009	Ru-103	1.78E-03	7.60E-04	1.90E-03	
AP	7	L16060-06	12/30/2009	Ru-106	4.00E-04	3.90E-03	1.60E-02	
AP	7	L16060-06	12/30/2009	Sb-124	-1.20E-03	1.20E-03	8.60E-03	
AP	7	L16060-06	12/30/2009	Sb-125	-2.60E-04	5.80E-04	2.80E-03	
AP	7	L16060-06	12/30/2009	Se-75	-3.70E-04	3.40E-04	1.60E-03	
AP	7	L16060-06	12/30/2009	Zn-65	-1.30E-03	1.00E-03	5.40E-03	
AP	7	L16060-06	12/30/2009	Zr-95	7.00E-04	1.30E-03	4.90E-03	
AP	8	L14814-07	1/14/2009	Gross Beta	1.91E-02	1.50E-03	3.30E-03	*
AP	8	L14843-07	1/27/2009	Gross Beta	2.77E-02	1.80E-03	3.60E-03	*
AP	8	L14892-07	2/11/2009	Gross Beta	2.36E-02	1.60E-03	3.80E-03	*
AP	8	L14929-07	2/25/2009	Gross Beta	1.19E-02	1.50E-03	4.00E-03	*
AP	8	L14963-07	3/11/2009	Gross Beta	2.24E-02	1.70E-03	4.10E-03	*
AP	8	L15012-07	3/25/2009	Gross Beta	2.58E-02	1.80E-03	4.20E-03	*
AP	8	L15059-07	4/8/2009	Gross Beta	5.90E-03	1.30E-03	3.90E-03	*
AP	8	L15112-07	4/22/2009	Gross Beta	2.20E-02	1.60E-03	3.20E-03	*
AP	8	L15165-07	3/25/2009	AcTh-228	2.30E-04	9.30E-04	3.70E-03	
AP	8	L15165-07	3/25/2009	Ag-108m	-2.50E-04	1.70E-04	7.60E-04	
AP	8	L15165-07	3/25/2009	Ag-110m	0.00E+00	3.10E-04	1.40E-03	
AP	8	L15165-07	3/25/2009	Ba-140	2.30E-02	1.70E-02	5.60E-02	
AP	8	L15165-07	3/25/2009	Be-7	1.38E-01	1.50E-02	2.70E-02	*
AP	8	L15165-07	3/25/2009	Ce-141	-9.00E-04	1.50E-03	5.60E-03	
AP	8	L15165-07	3/25/2009	Ce-144	-1.70E-03	1.20E-03	4.70E-03	
AP	8	L15165-07	3/25/2009	Co-57	-1.60E-04	1.30E-04	5.20E-04	
AP	8	L15165-07	3/25/2009	Co-58	4.70E-04	5.60E-04	2.00E-03	
AP	8	L15165-07	3/25/2009	Co-60	2.10E-04	2.10E-04	7.90E-04	
AP	8	L15165-07	3/25/2009	Cr-51	-2.00E-03	1.30E-02	4.90E-02	
AP	8	L15165-07	3/25/2009	Cs-134	-2.40E-04	2.20E-04	1.30E-03	
AP	8	L15165-07	3/25/2009	Cs-137	1.70E-04	2.10E-04	7.90E-04	
AP	8	L15165-07	3/25/2009	Fe-59	1.50E-03	1.80E-03	6.60E-03	
AP	8	L15165-07	3/25/2009	I-131	-5.10E-02	8.50E-02	3.40E-01	
AP	8	L15165-07	3/25/2009	K-40	-9.10E-03	4.00E-03	1.90E-02	
AP	8	L15165-07	3/25/2009	La-140	2.30E-02	1.70E-02	5.60E-02	
AP	8	L15165-07	3/25/2009	Mn-54	2.50E-04	3.00E-04	1.10E-03	
AP	8	L15165-07	3/25/2009	Nb-95	-2.00E-04	1.40E-03	5.70E-03	
AP	8	L15165-07	3/25/2009	Ru-103	9.50E-04	7.40E-04	2.50E-03	
AP	8	L15165-07	3/25/2009	Ru-106	1.50E-03	2.20E-03	8.30E-03	
AP	8	L15165-07	3/25/2009	Sb-124	-2.10E-03	1.20E-03	7.60E-03	
AP	8	L15165-07	3/25/2009	Sb-125	-5.40E-04	6.10E-04	2.50E-03	
AP	8	L15165-07	3/25/2009	Se-75	-9.00E-05	3.90E-04	1.50E-03	
AP	8	L15165-07	3/25/2009	Zn-65	-7.80E-04	5.50E-04	2.90E-03	
AP	8	L15165-07	3/25/2009	Zr-95	9.00E-04	1.10E-03	4.00E-03	
AP	8	L15177-07	5/6/2009	Gross Beta	1.89E-02	1.50E-03	3.20E-03	*
AP	8	L15223-07	5/20/2009	Gross Beta	1.57E-02	1.30E-03	2.90E-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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	8	L15282-07	6/3/2009	Gross Beta	1.61E-02	1.50E-03	3.70E-03	*
AP	8	L15318-07	6/17/2009	Gross Beta	1.33E-02	1.40E-03	3.80E-03	*
AP	8	L15374-07	7/1/2009	Gross Beta	9.60E-03	1.30E-03	3.60E-03	*
AP	8	L15419-07	7/1/2009	AcTh-228	-4.30E-04	9.60E-04	4.20E-03	
AP	8	L15419-07	7/1/2009	Ag-108m	2.50E-04	1.50E-04	4.70E-04	
AP	8	L15419-07	7/1/2009	Ag-110m	1.40E-04	4.70E-04	1.90E-03	
AP	8	L15419-07	7/1/2009	Ba-140	-2.70E-03	4.60E-03	2.50E-02	
AP	8	L15419-07	7/1/2009	Be-7	1.22E-01	1.30E-02	1.90E-02	*
AP	8	L15419-07	7/1/2009	Ce-141	-5.00E-05	9.30E-04	3.50E-03	
AP	8	L15419-07	7/1/2009	Ce-144	-5.00E-04	1.20E-03	4.50E-03	
AP	8	L15419-07	7/1/2009	Co-57	1.00E-05	1.40E-04	5.40E-04	
AP	8	L15419-07	7/1/2009	Co-58	1.50E-04	3.40E-04	1.40E-03	
AP	8	L15419-07	7/1/2009	Co-60	0.00E+00	1.80E-04	9.30E-04	
AP	8	L15419-07	7/1/2009	Cr-51	4.90E-03	8.10E-03	3.00E-02	
AP	8	L15419-07	7/1/2009	Cs-134	-3.50E-04	2.30E-04	1.40E-03	
AP	8	L15419-07	7/1/2009	Cs-137	-1.80E-04	1.90E-04	9.40E-04	
AP	8	L15419-07	7/1/2009	Fe-59	-1.00E-04	1.10E-03	5.00E-03	
AP	8	L15419-07	7/1/2009	I-131	0.00E+00	1.10E-02	4.40E-02	
AP	8	L15419-07	7/1/2009	K-40	-2.00E-03	4.00E-03	1.80E-02	
AP	8	L15419-07	7/1/2009	La-140	-2.70E-03	4.60E-03	2.50E-02	
AP	8	L15419-07	7/1/2009	Mn-54	-2.80E-04	3.40E-04	1.50E-03	
AP	8	L15419-07	7/1/2009	Nb-95	-1.00E-04	1.10E-03	4.20E-03	
AP	8	L15419-07	7/1/2009	Ru-103	-5.30E-04	6.20E-04	2.70E-03	
AP	8	L15419-07	7/1/2009	Ru-106	4.00E-04	2.10E-03	8.50E-03	
AP	8	L15419-07	7/1/2009	Sb-124	7.00E-04	1.20E-03	4.90E-03	
AP	8	L15419-07	7/1/2009	Sb-125	6.40E-04	6.40E-04	2.20E-03	
AP	8	L15419-07	7/1/2009	Se-75	-4.40E-04	3.30E-04	1.40E-03	
AP	8	L15419-07	7/1/2009	Zn-65	-6.00E-04	5.50E-04	2.90E-03	
AP	8	L15419-07	7/1/2009	Zr-95	-1.38E-03	7.30E-04	3.90E-03	
AP	8	L15441-07	7/15/2009	Gross Beta	1.06E-02	1.30E-03	3.50E-03	*
AP	8	L15477-07	7/29/2009	Gross Beta	2.14E-02	1.60E-03	3.60E-03	*
AP	8	L15525-07	8/12/2009	Gross Beta	2.66E-02	1.70E-03	3.60E-03	*
AP	8	L15576-07	8/26/2009	Gross Beta	3.08E-02	1.70E-03	2.90E-03	*
AP	8	L15632-07	9/9/2009	Gross Beta	2.01E-02	1.50E-03	2.90E-03	*
AP	8	L15692-07	9/23/2009	Gross Beta	1.45E-02	1.40E-03	3.10E-03	*
AP	8	L15746-07	10/7/2009	Gross Beta	1.35E-02	1.30E-03	3.00E-03	*
AP	8	L15784-07	10/21/2009	Gross Beta	1.70E-02	1.40E-03	3.20E-03	*
AP	8	L15800-07	9/23/2009	AcTh-228	-6.00E-04	1.70E-03	7.60E-03	
AP	8	L15800-07	9/23/2009	Ag-108m	1.80E-04	3.00E-04	1.10E-03	
AP	8	L15800-07	9/23/2009	Ag-110m	-1.01E-03	8.00E-04	3.80E-03	
AP	8	L15800-07	9/23/2009	Ba-140	8.00E-03	1.40E-02	6.00E-02	
AP	8	L15800-07	9/23/2009	Be-7	1.30E-01	1.90E-02	3.30E-02	*
AP	8	L15800-07	9/23/2009	Ce-141	-1.30E-03	1.50E-03	6.20E-03	
AP	8	L15800-07	9/23/2009	Ce-144	1.80E-03	1.70E-03	5.90E-03	
AP	8	L15800-07	9/23/2009	Co-57	3.20E-04	2.30E-04	7.70E-04	
AP	8	L15800-07	9/23/2009	Co-58	-2.90E-04	5.00E-04	2.70E-03	
AP	8	L15800-07	9/23/2009	Co-60	2.20E-04	4.90E-04	2.10E-03	
AP	8	L15800-07	9/23/2009	Cr-51	-1.80E-02	1.20E-02	5.60E-02	
AP	8	L15800-07	9/23/2009	Cs-134	1.30E-04	3.40E-04	1.70E-03	
AP	8	L15800-07	9/23/2009	Cs-137	-4.70E-04	3.90E-04	1.90E-03	
AP	8	L15800-07	9/23/2009	Fe-59	4.00E-03	2.00E-03	2.70E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	8	L15800-07	9/23/2009	I-131	-8.70E-02	4.80E-02	2.30E-01	
AP	8	L15800-07	9/23/2009	K-40	8.00E-03	6.20E-03	2.10E-02	
AP	8	L15800-07	9/23/2009	La-140	8.00E-03	1.40E-02	6.00E-02	
AP	8	L15800-07	9/23/2009	Mn-54	0.00E+00	4.10E-04	1.80E-03	
AP	8	L15800-07	9/23/2009	Nb-95	6.00E-04	1.50E-03	6.10E-03	
AP	8	L15800-07	9/23/2009	Ru-103	-2.00E-04	1.10E-03	4.70E-03	
AP	8	L15800-07	9/23/2009	Ru-106	-2.60E-03	4.60E-03	2.00E-02	
AP	8	L15800-07	9/23/2009	Sb-124	1.30E-03	1.30E-03	3.40E-03	
AP	8	L15800-07	9/23/2009	Sb-125	-1.40E-03	8.40E-04	4.20E-03	
AP	8	L15800-07	9/23/2009	Se-75	-5.30E-04	4.60E-04	2.10E-03	
AP	8	L15800-07	9/23/2009	Zn-65	-1.60E-03	1.30E-03	6.30E-03	
AP	8	L15800-07	9/23/2009	Zr-95	0.00E+00	1.00E-03	4.80E-03	
AP	8	L15875-07	11/4/2009	Gross Beta	1.87E-02	1.40E-03	3.10E-03	*
AP	8	L15913-07	11/18/2009	Gross Beta	1.85E-02	1.40E-03	3.00E-03	*
AP	8	L15962-07	12/2/2009	Gross Beta	2.05E-02	1.50E-03	3.30E-03	*
AP	8	L15993-07	12/16/2009	Gross Beta	2.19E-02	1.60E-03	3.40E-03	*
AP	8	L16040-07	12/30/2009	Gross Beta	1.64E-02	1.50E-03	3.40E-03	*
AP	8	L16060-07	12/30/2009	AcTh-228	1.90E-04	7.80E-04	3.50E-03	
AP	8	L16060-07	12/30/2009	Ag-108m	3.00E-05	3.00E-04	1.10E-03	
AP	8	L16060-07	12/30/2009	Ag-110m	-5.10E-04	3.80E-04	2.10E-03	
AP	8	L16060-07	12/30/2009	Ba-140	-2.30E-03	2.30E-03	1.60E-02	
AP	8	L16060-07	12/30/2009	Be-7	8.60E-02	1.10E-02	1.80E-02	*
AP	8	L16060-07	12/30/2009	Ce-141	3.40E-04	8.50E-04	3.10E-03	
AP	8	L16060-07	12/30/2009	Ce-144	1.00E-03	1.20E-03	4.20E-03	
AP	8	L16060-07	12/30/2009	Co-57	-2.80E-04	1.30E-04	6.00E-04	
AP	8	L16060-07	12/30/2009	Co-58	1.70E-04	3.00E-04	1.30E-03	
AP	8	L16060-07	12/30/2009	Co-60	0.00E+00	3.10E-04	1.40E-03	
AP	8	L16060-07	12/30/2009	Cr-51	-1.60E-03	6.30E-03	2.60E-02	
AP	8	L16060-07	12/30/2009	Cs-134	-2.20E-04	1.90E-04	1.10E-03	
AP	8	L16060-07	12/30/2009	Cs-137	2.40E-04	3.40E-04	1.30E-03	
AP	8	L16060-07	12/30/2009	Fe-59	6.00E-04	9.10E-04	3.80E-03	
AP	8	L16060-07	12/30/2009	I-131	0.00E+00	5.20E-03	2.20E-02	
AP	8	L16060-07	12/30/2009	K-40	6.00E-03	4.10E-03	1.30E-02	
AP	8	L16060-07	12/30/2009	La-140	-2.30E-03	2.30E-03	1.60E-02	
AP	8	L16060-07	12/30/2009	Mn-54	-4.60E-04	3.90E-04	1.80E-03	
AP	8	L16060-07	12/30/2009	Nb-95	6.50E-04	9.90E-04	3.70E-03	
AP	8	L16060-07	12/30/2009	Ru-103	6.60E-04	6.30E-04	2.20E-03	
AP	8	L16060-07	12/30/2009	Ru-106	-2.20E-03	1.80E-03	9.70E-03	
AP	8	L16060-07	12/30/2009	Sb-124	8.00E-04	1.30E-03	5.30E-03	
AP	8	L16060-07	12/30/2009	Sb-125	-4.20E-04	7.60E-04	3.20E-03	
AP	8	L16060-07	12/30/2009	Se-75	6.00E-04	3.50E-04	1.10E-03	
AP	8	L16060-07	12/30/2009	Zn-65	6.00E-05	5.80E-04	2.70E-03	
AP	8	L16060-07	12/30/2009	Zr-95	0.00E+00	6.20E-04	2.90E-03	
AP	9	L14814-08	1/14/2009	Gross Beta	1.90E-02	1.30E-03	2.90E-03	*
AP	9	L14843-08	1/27/2009	Gross Beta	2.72E-02	1.60E-03	3.10E-03	*
AP	9	L14892-08	2/11/2009	Gross Beta	2.65E-02	1.60E-03	3.60E-03	*
AP	9	L14929-08	2/25/2009	Gross Beta	1.32E-02	1.40E-03	3.80E-03	*
AP	9	L14963-08	3/11/2009	Gross Beta	2.30E-02	1.70E-03	3.80E-03	*
AP	9	L15012-08	3/25/2009	Gross Beta	2.61E-02	1.70E-03	3.90E-03	*
AP	9	L15059-08	4/8/2009	Gross Beta	7.80E-03	1.30E-03	3.60E-03	*
AP	9	L15112-08	4/22/2009	Gross Beta	1.96E-02	1.50E-03	3.00E-03	*

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	9	L15165-08	3/25/2009	AcTh-228	-1.00E-04	8.00E-04	3.70E-03	
AP	9	L15165-08	3/25/2009	Ag-108m	-5.00E-05	1.50E-04	6.70E-04	
AP	9	L15165-08	3/25/2009	Ag-110m	-3.40E-04	3.40E-04	1.80E-03	
AP	9	L15165-08	3/25/2009	Ba-140	2.20E-02	1.60E-02	3.00E-02	
AP	9	L15165-08	3/25/2009	Be-7	1.14E-01	1.50E-02	2.70E-02	*
AP	9	L15165-08	3/25/2009	Ce-141	-4.00E-04	1.20E-03	4.50E-03	
AP	9	L15165-08	3/25/2009	Ce-144	-7.10E-04	9.30E-04	3.80E-03	
AP	9	L15165-08	3/25/2009	Co-57	-1.00E-04	1.30E-04	5.10E-04	
AP	9	L15165-08	3/25/2009	Co-58	4.10E-04	6.50E-04	2.50E-03	
AP	9	L15165-08	3/25/2009	Co-60	4.50E-04	2.60E-04	4.10E-04	
AP	9	L15165-08	3/25/2009	Cr-51	7.00E-03	1.30E-02	4.80E-02	
AP	9	L15165-08	3/25/2009	Cs-134	-1.50E-04	2.00E-04	1.20E-03	
AP	9	L15165-08	3/25/2009	Cs-137	-3.30E-04	2.80E-04	1.30E-03	
AP	9	L15165-08	3/25/2009	Fe-59	6.00E-04	1.90E-03	7.80E-03	
AP	9	L15165-08	3/25/2009	I-131	4.10E-02	8.10E-02	3.00E-01	
AP	9	L15165-08	3/25/2009	K-40	1.00E-03	2.60E-03	1.20E-02	
AP	9	L15165-08	3/25/2009	La-140	2.20E-02	1.60E-02	3.00E-02	
AP	9	L15165-08	3/25/2009	Mn-54	0.00E+00	2.20E-04	1.00E-03	
AP	9	L15165-08	3/25/2009	Nb-95	-6.50E-04	9.70E-04	4.80E-03	
AP	9	L15165-08	3/25/2009	Ru-103	-3.00E-04	1.00E-03	4.20E-03	
AP	9	L15165-08	3/25/2009	Ru-106	-2.30E-03	2.50E-03	1.20E-02	
AP	9	L15165-08	3/25/2009	Sb-124	-2.00E-04	2.20E-03	1.00E-02	
AP	9	L15165-08	3/25/2009	Sb-125	1.15E-03	5.90E-04	1.80E-03	
AP	9	L15165-08	3/25/2009	Se-75	1.00E-05	3.50E-04	1.40E-03	
AP	9	L15165-08	3/25/2009	Zn-65	2.30E-04	7.20E-04	3.00E-03	
AP	9	L15165-08	3/25/2009	Zr-95	-1.90E-04	9.20E-04	4.20E-03	
AP	9	L15177-08	5/6/2009	Gross Beta	1.80E-02	1.40E-03	3.00E-03	*
AP	9	L15223-08	5/20/2009	Gross Beta	1.53E-02	1.30E-03	2.90E-03	*
AP	9	L15282-08	6/3/2009	Gross Beta	1.73E-02	1.60E-03	3.90E-03	*
AP	9	L15318-08	6/17/2009	Gross Beta	1.50E-02	1.50E-03	3.80E-03	*
AP	9	L15374-08	7/1/2009	Gross Beta	9.30E-03	1.40E-03	3.70E-03	*
AP	9	L15419-08	7/1/2009	AcTh-228	2.50E-03	1.20E-03	3.20E-03	
AP	9	L15419-08	7/1/2009	Ag-108m	-7.00E-05	2.20E-04	9.50E-04	
AP	9	L15419-08	7/1/2009	Ag-110m	4.20E-04	4.20E-04	1.50E-03	
AP	9	L15419-08	7/1/2009	Ba-140	1.26E-02	7.30E-03	1.10E-02	
AP	9	L15419-08	7/1/2009	Be-7	1.25E-01	1.50E-02	2.10E-02	*
AP	9	L15419-08	7/1/2009	Ce-141	-1.01E-03	9.20E-04	3.80E-03	
AP	9	L15419-08	7/1/2009	Ce-144	-5.00E-04	1.10E-03	4.50E-03	
AP	9	L15419-08	7/1/2009	Co-57	-8.00E-05	1.20E-04	5.20E-04	
AP	9	L15419-08	7/1/2009	Co-58	2.80E-04	4.70E-04	1.90E-03	
AP	9	L15419-08	7/1/2009	Co-60	-5.00E-05	4.10E-04	1.90E-03	
AP	9	L15419-08	7/1/2009	Cr-51	8.00E-03	1.10E-02	3.80E-02	
AP	9	L15419-08	7/1/2009	Cs-134	2.10E-04	1.70E-04	7.40E-04	
AP	9	L15419-08	7/1/2009	Cs-137	1.60E-04	3.30E-04	1.30E-03	
AP	9	L15419-08	7/1/2009	Fe-59	8.00E-04	1.70E-03	7.00E-03	
AP	9	L15419-08	7/1/2009	I-131	0.00E+00	1.00E-02	4.30E-02	
AP	9	L15419-08	7/1/2009	K-40	1.80E-02	6.50E-03	1.40E-02	
AP	9	L15419-08	7/1/2009	La-140	1.26E-02	7.30E-03	1.10E-02	
AP	9	L15419-08	7/1/2009	Mn-54	2.80E-04	3.70E-04	1.40E-03	
AP	9	L15419-08	7/1/2009	Nb-95	-8.00E-04	1.20E-03	5.20E-03	
AP	9	L15419-08	7/1/2009	Ru-103	-4.80E-04	6.90E-04	3.20E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	
AP	9	L15419-08	7/1/2009	Ru-106	7.00E-04	2.40E-03	1.00E-02	
AP	9	L15419-08	7/1/2009	Sb-124	-2.10E-03	1.50E-03	9.90E-03	
AP	9	L15419-08	7/1/2009	Sb-125	6.40E-04	7.70E-04	2.80E-03	
AP	9	L15419-08	7/1/2009	Se-75	3.70E-04	4.40E-04	1.60E-03	
AP	9	L15419-08	7/1/2009	Zn-65	0.00E+00	7.60E-04	3.50E-03	
AP	9	L15419-08	7/1/2009	Zr-95	1.70E-03	1.10E-03	3.40E-03	
AP	9	L15441-08	7/15/2009	Gross Beta	1.38E-02	1.40E-03	3.60E-03	*
AP	9	L15477-08	7/29/2009	Gross Beta	1.94E-02	1.60E-03	3.70E-03	*
AP	9	L15525-08	8/12/2009	Gross Beta	2.40E-02	1.70E-03	3.70E-03	*
AP	9	L15576-08	8/26/2009	Gross Beta	3.27E-02	1.80E-03	3.00E-03	*
AP	9	L15632-08	9/9/2009	Gross Beta	1.80E-02	1.40E-03	3.00E-03	*
AP	9	L15692-08	9/23/2009	Gross Beta	1.50E-02	1.40E-03	3.10E-03	*
AP	9	L15746-08	10/7/2009	Gross Beta	1.34E-02	1.30E-03	3.00E-03	*
AP	9	L15784-08	10/21/2009	Gross Beta	1.58E-02	1.40E-03	3.30E-03	*
AP	9	L15800-08	9/23/2009	AcTh-228	-6.00E-04	2.00E-03	9.20E-03	
AP	9	L15800-08	9/23/2009	Ag-108m	1.20E-04	2.00E-04	8.70E-04	
AP	9	L15800-08	9/23/2009	Ag-110m	3.80E-04	3.80E-04	1.00E-03	
AP	9	L15800-08	9/23/2009	Ba-140	1.30E-02	1.30E-02	3.60E-02	
AP	9	L15800-08	9/23/2009	Be-7	1.51E-01	2.50E-02	5.30E-02	*
AP	9	L15800-08	9/23/2009	Ce-141	-2.30E-03	1.70E-03	7.30E-03	
AP	9	L15800-08	9/23/2009	Ce-144	1.00E-04	1.90E-03	7.50E-03	
AP	9	L15800-08	9/23/2009	Co-57	-5.00E-05	2.10E-04	8.60E-04	
AP	9	L15800-08	9/23/2009	Co-58	8.40E-04	8.40E-04	3.10E-03	
AP	9	L15800-08	9/23/2009	Co-60	6.90E-04	4.90E-04	9.40E-04	
AP	9	L15800-08	9/23/2009	Cr-51	1.50E-02	1.20E-02	3.90E-02	
AP	9	L15800-08	9/23/2009	Cs-134	1.10E-04	3.90E-04	6.70E-04	
AP	9	L15800-08	9/23/2009	Cs-137	-2.30E-04	2.30E-04	1.50E-03	
AP	9	L15800-08	9/23/2009	Fe-59	-2.10E-03	3.60E-03	1.70E-02	
AP	9	L15800-08	9/23/2009	I-131	-8.20E-02	4.30E-02	2.30E-01	
AP	9	L15800-08	9/23/2009	K-40	3.00E-03	4.90E-03	2.20E-02	
AP	9	L15800-08	9/23/2009	La-140	1.30E-02	1.30E-02	3.60E-02	
AP	9	L15800-08	9/23/2009	Mn-54	-9.80E-04	6.00E-04	3.20E-03	
AP	9	L15800-08	9/23/2009	Nb-95	1.60E-03	1.10E-03	2.10E-03	
AP	9	L15800-08	9/23/2009	Ru-103	0.00E+00	9.70E-04	4.50E-03	
AP	9	L15800-08	9/23/2009	Ru-106	4.80E-03	5.00E-03	1.80E-02	
AP	9	L15800-08	9/23/2009	Sb-124	-2.30E-03	2.30E-03	1.60E-02	
AP	9	L15800-08	9/23/2009	Sb-125	-7.50E-04	7.50E-04	4.00E-03	
AP	9	L15800-08	9/23/2009	Se-75	1.10E-04	4.40E-04	1.80E-03	
AP	9	L15800-08	9/23/2009	Zn-65	-2.00E-04	1.50E-03	6.80E-03	
AP	9	L15800-08	9/23/2009	Zr-95	-1.32E-03	9.40E-04	6.60E-03	
AP	9	L15875-08	11/4/2009	Gross Beta	1.83E-02	1.40E-03	3.10E-03	*
AP	9	L15913-08	11/18/2009	Gross Beta	2.08E-02	1.60E-03	3.20E-03	*
AP	9	L15962-08	12/2/2009	Gross Beta	1.96E-02	1.50E-03	3.30E-03	*
AP	9	L15993-08	12/16/2009	Gross Beta	2.31E-02	1.60E-03	3.40E-03	*
AP	9	L16040-08	12/30/2009	Gross Beta	1.43E-02	1.40E-03	3.40E-03	*
AP	9	L16060-08	12/30/2009	AcTh-228	1.10E-03	1.00E-03	3.60E-03	
AP	9	L16060-08	12/30/2009	Ag-108m	8.00E-05	1.90E-04	7.70E-04	
AP	9	L16060-08	12/30/2009	Ag-110m	2.60E-04	4.40E-04	1.90E-03	
AP	9	L16060-08	12/30/2009	Ba-140	-7.60E-03	5.40E-03	3.40E-02	
AP	9	L16060-08	12/30/2009	Be-7	1.15E-01	1.50E-02	2.20E-02	*
AP	9	L16060-08	12/30/2009	Ce-141	-1.13E-03	6.80E-04	3.20E-03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)
AP	9	L16060-08	12/30/2009	Ce-144	1.30E-03	1.50E-03	5.20E-03
AP	9	L16060-08	12/30/2009	Co-57	2.00E-05	1.20E-04	4.90E-04
AP	9	L16060-08	12/30/2009	Co-58	3.00E-05	3.40E-04	1.80E-03
AP	9	L16060-08	12/30/2009	Co-60	-2.40E-04	2.40E-04	1.80E-03
AP	9	L16060-08	12/30/2009	Cr-51	2.50E-03	7.40E-03	2.90E-02
AP	9	L16060-08	12/30/2009	Cs-134	1.00E-05	1.90E-04	1.20E-03
AP	9	L16060-08	12/30/2009	Cs-137	-7.00E-05	3.60E-04	1.60E-03
AP	9	L16060-08	12/30/2009	Fe-59	-2.00E-04	1.80E-03	8.30E-03
AP	9	L16060-08	12/30/2009	I-131	-5.20E-03	4.30E-03	2.40E-02
AP	9	L16060-08	12/30/2009	K-40	1.70E-03	4.90E-03	2.10E-02
AP	9	L16060-08	12/30/2009	La-140	-7.60E-03	5.40E-03	3.40E-02
AP	9	L16060-08	12/30/2009	Mn-54	1.70E-04	3.80E-04	1.60E-03
AP	9	L16060-08	12/30/2009	Nb-95	-3.00E-04	6.40E-04	3.50E-03
AP	9	L16060-08	12/30/2009	Ru-103	2.60E-04	7.80E-04	3.10E-03
AP	9	L16060-08	12/30/2009	Ru-106	-8.00E-04	3.80E-03	1.60E-02
AP	9	L16060-08	12/30/2009	Sb-124	-3.30E-03	2.50E-03	1.40E-02
AP	9	L16060-08	12/30/2009	Sb-125	5.30E-04	6.40E-04	2.40E-03
AP	9	L16060-08	12/30/2009	Se-75	-6.50E-04	3.80E-04	1.80E-03
AP	9	L16060-08	12/30/2009	Zn-65	-1.10E-03	1.00E-03	5.40E-03
AP	9	L16060-08	12/30/2009	Zr-95	1.10E-04	8.50E-04	3.90E-03

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)
CF	1	L14814-01	1/14/2009	I-131	5.00E-03	3.10E-03	1.00E-02
CF	1	L14843-01	1/27/2009	I-131	3.60E-03	4.50E-03	1.60E-02
CF	1	L14892-01	2/11/2009	I-131	0.00E+00	2.10E-03	8.20E-03
CF	1	L14929-01	2/25/2009	I-131	4.20E-03	3.40E-03	1.20E-02
CF	1	L14963-01	3/11/2009	I-131	1.90E-03	3.00E-03	1.10E-02
CF	1	L15012-01	3/25/2009	I-131	0.00E+00	3.80E-03	1.40E-02
CF	1	L15059-01	4/8/2009	I-131	5.50E-03	3.50E-03	1.10E-02
CF	1	L15112-01	4/22/2009	I-131	-3.60E-03	3.80E-03	1.50E-02
CF	1	L15177-01	5/6/2009	I-131	-1.30E-03	3.80E-03	1.50E-02
CF	1	L15223-01	5/20/2009	I-131	-1.00E-03	3.00E-03	1.20E-02
CF	1	L15282-01	6/3/2009	I-131	-2.20E-03	4.20E-03	1.60E-02
CF	1	L15318-01	6/17/2009	I-131	1.70E-03	3.10E-03	1.10E-02
CF	1	L15374-01	7/1/2009	I-131	-9.00E-04	4.70E-03	2.10E-02
CF	1	L15441-01	7/15/2009	I-131	-1.40E-03	3.00E-03	1.20E-02
CF	1	L15477-01	7/29/2009	I-131	4.50E-03	3.00E-03	9.60E-03
CF	1	L15525-01	8/12/2009	I-131	-1.40E-03	2.50E-03	1.00E-02
CF	1	L15576-01	8/26/2009	I-131	2.60E-03	2.50E-03	8.70E-03
CF	1	L15632-01	9/9/2009	I-131	2.00E-03	2.80E-03	1.00E-02
CF	1	L15692-01	9/23/2009	I-131	-6.20E-03	4.70E-03	2.00E-02
CF	1	L15746-01	10/7/2009	I-131	1.00E-03	3.90E-03	1.50E-02
CF	1	L15784-01	10/21/2009	I-131	-1.20E-03	2.00E-03	8.00E-03
CF	1	L15875-01	11/4/2009	I-131	-3.70E-03	3.70E-03	1.50E-02
CF	1	L15913-01	11/18/2009	I-131	-4.50E-03	4.70E-03	1.90E-02
CF	1	L15962-01	12/2/2009	I-131	4.00E-04	3.30E-03	1.30E-02
CF	1	L15993-01	12/16/2009	I-131	8.20E-03	4.20E-03	1.30E-02
CF	1	L16040-01	12/30/2009	I-131	-2.40E-03	3.50E-03	1.40E-02
CF	2	L14814-02	1/14/2009	I-131	-2.20E-03	3.60E-03	1.40E-02
CF	2	L14843-02	1/27/2009	I-131	-2.90E-03	5.40E-03	2.30E-02
CF	2	L14892-02	2/11/2009	I-131	5.00E-03	2.70E-03	8.10E-03
CF	2	L14929-02	2/25/2009	I-131	-5.00E-03	4.80E-03	2.00E-02
CF	2	L14963-02	3/11/2009	I-131	1.70E-03	2.90E-03	1.10E-02
CF	2	L15012-02	3/25/2009	I-131	-8.00E-04	3.70E-03	1.50E-02
CF	2	L15059-02	4/8/2009	I-131	1.80E-03	3.90E-03	1.50E-02
CF	2	L15112-02	4/22/2009	I-131	-1.00E-03	3.70E-03	1.50E-02
CF	2	L15177-02	5/6/2009	I-131	6.90E-03	5.10E-03	1.70E-02
CF	2	L15223-02	5/20/2009	I-131	-9.00E-04	3.10E-03	1.30E-02
CF	2	L15282-02	6/3/2009	I-131	-3.00E-03	3.80E-03	1.50E-02
CF	2	L15318-02	6/17/2009	I-131	-5.10E-03	3.80E-03	1.60E-02
CF	2	L15374-02	7/1/2009	I-131	7.30E-03	4.00E-03	1.30E-02
CF	2	L15441-02	7/15/2009	I-131	-3.40E-03	3.40E-03	1.40E-02
CF	2	L15477-02	7/29/2009	I-131	2.20E-03	3.40E-03	1.30E-02
CF	2	L15525-02	8/12/2009	I-131	-1.30E-03	2.00E-03	8.90E-03
CF	2	L15576-02	8/26/2009	I-131	-3.10E-03	3.00E-03	1.20E-02
CF	2	L15632-02	9/9/2009	I-131	1.20E-03	2.80E-03	1.00E-02
CF	2	L15692-02	9/23/2009	I-131	-1.03E-02	4.80E-03	2.20E-02
CF	2	L15746-02	10/7/2009	I-131	-1.11E-02	4.60E-03	2.10E-02
CF	2	L15784-02	10/21/2009	I-131	-1.10E-03	2.50E-03	1.00E-02
CF	2	L15875-02	11/4/2009	I-131	-2.80E-03	3.90E-03	1.60E-02
CF	2	L15913-02	11/18/2009	I-131	-1.90E-03	3.50E-03	1.40E-02
CF	2	L15962-02	12/2/2009	I-131	0.00E+00	3.90E-03	1.50E-02
CF	2	L15993-02	12/16/2009	I-131	7.40E-03	3.20E-03	9.30E-03

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)
CF	2	L16040-02	12/30/2009	I-131	6.30E-03	4.30E-03	1.40E-02
CF	3	L14814-03	1/14/2009	I-131	7.00E-04	3.90E-03	1.50E-02
CF	3	L14843-03	1/27/2009	I-131	1.40E-03	5.40E-03	2.10E-02
CF	3	L14892-03	2/11/2009	I-131	2.00E-03	2.10E-03	7.40E-03
CF	3	L14929-03	2/25/2009	I-131	8.00E-03	3.40E-03	1.00E-02
CF	3	L14963-03	3/11/2009	I-131	-3.20E-03	3.20E-03	1.40E-02
CF	3	L15012-03	3/25/2009	I-131	2.50E-03	3.60E-03	1.30E-02
CF	3	L15059-03	4/8/2009	I-131	-2.50E-03	4.10E-03	1.70E-02
CF	3	L15112-03	4/22/2009	I-131	-5.60E-03	3.20E-03	1.50E-02
CF	3	L15177-03	5/6/2009	I-131	0.00E+00	5.20E-03	2.00E-02
CF	3	L15223-03	5/20/2009	I-131	6.80E-03	4.00E-03	1.30E-02
CF	3	L15282-03	6/3/2009	I-131	5.70E-03	4.00E-03	1.30E-02
CF	3	L15318-03	6/17/2009	I-131	4.70E-03	3.40E-03	1.10E-02
CF	3	L15374-03	7/1/2009	I-131	-9.00E-03	4.50E-03	2.10E-02
CF	3	L15441-03	7/15/2009	I-131	1.90E-03	3.30E-03	1.30E-02
CF	3	L15477-03	7/29/2009	I-131	3.90E-03	4.00E-03	1.40E-02
CF	3	L15525-03	8/12/2009	I-131	-4.40E-03	2.70E-03	1.30E-02
CF	3	L15576-03	8/26/2009	I-131	0.00E+00	2.60E-03	1.10E-02
CF	3	L15632-03	9/9/2009	I-131	1.50E-03	3.30E-03	1.20E-02
CF	3	L15692-03	9/23/2009	I-131	-2.00E-03	4.70E-03	1.80E-02
CF	3	L15746-03	10/7/2009	I-131	6.30E-03	5.30E-03	1.80E-02
CF	3	L15784-03	10/21/2009	I-131	-1.30E-03	2.60E-03	1.10E-02
CF	3	L15875-03	11/4/2009	I-131	5.90E-03	4.80E-03	1.60E-02
CF	3	L15913-03	11/18/2009	I-131	-2.20E-03	4.20E-03	1.60E-02
CF	3	L15962-03	12/2/2009	I-131	7.60E-03	3.90E-03	1.20E-02
CF	3	L15993-03	12/16/2009	I-131	2.50E-03	3.70E-03	1.30E-02
CF	3	L16040-03	12/30/2009	I-131	-5.20E-03	5.30E-03	2.20E-02
CF	4	L14814-04	1/14/2009	I-131	5.80E-03	3.20E-03	1.00E-02
CF	4	L14843-04	1/27/2009	I-131	-1.10E-03	4.50E-03	1.80E-02
CF	4	L14892-04	2/11/2009	I-131	-1.20E-03	2.70E-03	1.10E-02
CF	4	L14929-04	2/25/2009	I-131	-2.50E-03	5.00E-03	2.00E-02
CF	4	L14963-04	3/11/2009	I-131	-6.40E-03	2.90E-03	1.30E-02
CF	4	L15012-04	3/25/2009	I-131	-3.30E-03	3.50E-03	1.40E-02
CF	4	L15059-04	4/8/2009	I-131	4.40E-03	4.10E-03	1.40E-02
CF	4	L15112-04	4/22/2009	I-131	0.00E+00	4.10E-03	1.50E-02
CF	4	L15177-04	5/6/2009	I-131	-4.40E-03	4.60E-03	1.90E-02
CF	4	L15223-04	5/20/2009	I-131	-5.60E-03	3.30E-03	1.40E-02
CF	4	L15282-04	6/3/2009	I-131	3.80E-03	4.30E-03	1.50E-02
CF	4	L15318-04	6/17/2009	I-131	1.90E-03	3.50E-03	1.30E-02
CF	4	L15374-04	7/1/2009	I-131	-3.10E-03	4.50E-03	1.80E-02
CF	4	L15441-04	7/15/2009	I-131	5.00E-03	3.80E-03	1.30E-02
CF	4	L15477-04	7/29/2009	I-131	-2.90E-03	3.70E-03	1.50E-02
CF	4	L15525-04	8/12/2009	I-131	0.00E+00	2.40E-03	9.30E-03
CF	4	L15576-04	8/26/2009	I-131	-2.10E-03	2.90E-03	1.10E-02
CF	4	L15692-04	9/23/2009	I-131	-9.60E-03	4.60E-03	2.10E-02
CF	4	L15746-04	10/7/2009	I-131	-9.40E-03	5.40E-03	2.30E-02
CF	4	L15784-04	10/21/2009	I-131	9.00E-04	2.20E-03	8.30E-03
CF	4	L15875-04	11/4/2009	I-131	1.00E-03	4.30E-03	1.60E-02
CF	4	L15913-04	11/18/2009	I-131	-7.20E-03	3.20E-03	1.60E-02
CF	4	L15962-04	12/2/2009	I-131	2.20E-03	3.80E-03	1.40E-02
CF	4	L15993-04	12/16/2009	I-131	2.90E-03	3.40E-03	1.20E-02

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)
CF	4	L16040-04	12/30/2009	I-131	5.20E-03	3.90E-03	1.30E-02
CF	5	L14814-05	1/14/2009	I-131	2.50E-03	3.60E-03	1.30E-02
CF	5	L14843-05	1/27/2009	I-131	0.00E+00	5.00E-03	2.10E-02
CF	5	L14892-05	2/11/2009	I-131	-2.80E-03	3.10E-03	1.30E-02
CF	5	L14929-05	2/25/2009	I-131	3.70E-03	3.90E-03	1.40E-02
CF	5	L14963-05	3/11/2009	I-131	5.00E-03	3.70E-03	1.30E-02
CF	5	L15012-05	3/25/2009	I-131	5.40E-03	5.30E-03	1.80E-02
CF	5	L15059-05	4/8/2009	I-131	2.60E-03	4.40E-03	1.60E-02
CF	5	L15112-05	4/22/2009	I-131	3.80E-03	2.80E-03	9.40E-03
CF	5	L15177-05	5/6/2009	I-131	-3.70E-03	4.70E-03	1.90E-02
CF	5	L15223-05	5/20/2009	I-131	3.50E-03	3.70E-03	1.30E-02
CF	5	L15282-05	6/3/2009	I-131	-2.00E-04	5.00E-03	2.00E-02
CF	5	L15318-05	6/17/2009	I-131	-4.20E-03	3.40E-03	1.40E-02
CF	5	L15374-05	7/1/2009	I-131	2.00E-03	3.40E-03	1.30E-02
CF	5	L15441-05	7/15/2009	I-131	1.40E-03	3.20E-03	1.20E-02
CF	5	L15477-05	7/29/2009	I-131	5.50E-03	3.40E-03	1.10E-02
CF	5	L15525-05	8/12/2009	I-131	-1.20E-03	2.20E-03	8.90E-03
CF	5	L15576-05	8/26/2009	I-131	-7.20E-03	2.70E-03	1.20E-02
CF	5	L15632-05	9/9/2009	I-131	-5.00E-04	2.60E-03	9.90E-03
CF	5	L15692-05	9/23/2009	I-131	2.30E-03	5.60E-03	2.10E-02
CF	5	L15746-05	10/7/2009	I-131	-1.00E-03	3.50E-03	1.50E-02
CF	5	L15784-05	10/21/2009	I-131	7.00E-04	2.50E-03	9.20E-03
CF	5	L15875-05	11/4/2009	I-131	-8.00E-04	4.30E-03	1.60E-02
CF	5	L15913-05	11/18/2009	I-131	-1.00E-03	4.20E-03	1.70E-02
CF	5	L15962-05	12/2/2009	I-131	5.00E-04	3.70E-03	1.40E-02
CF	5	L15993-05	12/16/2009	I-131	-1.30E-03	4.40E-03	1.70E-02
CF	5	L16040-05	12/30/2009	I-131	4.00E-03	5.90E-03	2.10E-02
CF	7	L14814-06	1/14/2009	I-131	2.50E-03	4.00E-03	1.50E-02
CF	7	L14843-06	1/27/2009	I-131	5.90E-03	4.90E-03	1.70E-02
CF	7	L14892-06	2/11/2009	I-131	1.60E-03	2.60E-03	9.60E-03
CF	7	L14929-06	2/25/2009	I-131	-3.00E-03	4.10E-03	1.70E-02
CF	7	L14963-06	3/11/2009	I-131	-7.60E-03	3.70E-03	1.60E-02
CF	7	L15012-06	3/25/2009	I-131	-1.30E-03	3.40E-03	1.30E-02
CF	7	L15059-06	4/8/2009	I-131	-9.00E-04	4.30E-03	1.70E-02
CF	7	L15112-06	4/22/2009	I-131	6.80E-03	3.50E-03	1.00E-02
CF	7	L15177-06	5/6/2009	I-131	1.20E-03	4.80E-03	1.80E-02
CF	7	L15223-06	5/20/2009	I-131	8.20E-03	4.70E-03	1.50E-02
CF	7	L15282-06	6/3/2009	I-131	8.00E-04	3.80E-03	1.40E-02
CF	7	L15318-06	6/17/2009	I-131	2.60E-03	4.20E-03	1.50E-02
CF	7	L15374-06	7/1/2009	I-131	-1.00E-03	3.40E-03	1.50E-02
CF	7	L15441-06	7/15/2009	I-131	0.00E+00	4.10E-03	1.60E-02
CF	7	L15477-06	7/29/2009	I-131	0.00E+00	3.80E-03	1.50E-02
CF	7	L15525-06	8/12/2009	I-131	1.30E-03	2.70E-03	1.00E-02
CF	7	L15576-06	8/26/2009	I-131	1.90E-03	3.10E-03	1.10E-02
CF	7	L15632-06	9/9/2009	I-131	-1.30E-03	3.30E-03	1.30E-02
CF	7	L15692-06	9/23/2009	I-131	8.00E-04	4.50E-03	1.70E-02
CF	7	L15746-06	10/7/2009	I-131	-1.02E-02	4.80E-03	2.20E-02
CF	7	L15784-06	10/21/2009	I-131	-1.10E-03	1.90E-03	8.30E-03
CF	7	L15875-06	11/4/2009	I-131	0.00E+00	3.40E-03	1.30E-02
CF	7	L15913-06	11/18/2009	I-131	-7.80E-03	3.50E-03	1.60E-02
CF	7	L15962-06	12/2/2009	I-131	1.00E-03	5.80E-03	2.20E-02

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)
CF	7	L15993-06	12/16/2009	I-131	0.00E+00	3.20E-03	1.20E-02
CF	7	L16040-06	12/30/2009	I-131	-1.80E-03	3.40E-03	1.50E-02
CF	8	L14814-07	1/14/2009	I-131	2.40E-03	3.80E-03	1.40E-02
CF	8	L14843-07	1/27/2009	I-131	-7.70E-03	5.30E-03	2.30E-02
CF	8	L14892-07	2/11/2009	I-131	3.70E-03	2.70E-03	9.10E-03
CF	8	L14929-07	2/25/2009	I-131	-7.00E-04	3.90E-03	1.50E-02
CF	8	L14963-07	3/11/2009	I-131	-3.40E-03	3.80E-03	1.60E-02
CF	8	L15012-07	3/25/2009	I-131	2.60E-03	4.10E-03	1.50E-02
CF	8	L15059-07	4/8/2009	I-131	-2.00E-04	2.90E-03	1.20E-02
CF	8	L15112-07	4/22/2009	I-131	3.10E-03	3.50E-03	1.30E-02
CF	8	L15177-07	5/6/2009	I-131	7.50E-03	5.00E-03	1.60E-02
CF	8	L15223-07	5/20/2009	I-131	-3.00E-03	4.10E-03	1.70E-02
CF	8	L15282-07	6/3/2009	I-131	-5.40E-03	4.20E-03	1.70E-02
CF	8	L15318-07	6/17/2009	I-131	0.00E+00	2.70E-03	1.20E-02
CF	8	L15374-07	7/1/2009	I-131	2.40E-03	3.80E-03	1.40E-02
CF	8	L15441-07	7/15/2009	I-131	-4.20E-03	3.70E-03	1.70E-02
CF	8	L15477-07	7/29/2009	I-131	7.00E-04	3.00E-03	1.20E-02
CF	8	L15525-07	8/12/2009	I-131	1.40E-03	2.90E-03	1.10E-02
CF	8	L15576-07	8/26/2009	I-131	2.20E-03	3.10E-03	1.10E-02
CF	8	L15632-07	9/9/2009	I-131	5.00E-03	3.10E-03	1.00E-02
CF	8	L15692-07	9/23/2009	I-131	-1.00E-04	5.40E-03	2.00E-02
CF	8	L15746-07	10/7/2009	I-131	-1.01E-02	4.30E-03	2.00E-02
CF	8	L15784-07	10/21/2009	I-131	1.30E-03	2.40E-03	8.90E-03
CF	8	L15875-07	11/4/2009	I-131	5.90E-03	3.70E-03	1.20E-02
CF	8	L15913-07	11/18/2009	I-131	-3.30E-03	3.00E-03	1.40E-02
CF	8	L15962-07	12/2/2009	I-131	-8.00E-04	5.10E-03	1.90E-02
CF	8	L15993-07	12/16/2009	I-131	-3.10E-03	3.50E-03	1.40E-02
CF	8	L16040-07	12/30/2009	I-131	-5.10E-03	4.40E-03	2.00E-02
CF	9	L14814-08	1/14/2009	I-131	7.00E-04	3.50E-03	1.30E-02
CF	9	L14843-08	1/27/2009	I-131	-1.00E-03	4.10E-03	1.70E-02
CF	9	L14892-08	2/11/2009	I-131	1.00E-03	2.30E-03	8.40E-03
CF	9	L14929-08	2/25/2009	I-131	0.00E+00	3.10E-03	1.30E-02
CF	9	L14963-08	3/11/2009	I-131	9.00E-04	3.10E-03	1.20E-02
CF	9	L15012-08	3/25/2009	I-131	-5.10E-03	4.20E-03	1.80E-02
CF	9	L15059-08	4/8/2009	I-131	-3.40E-03	3.10E-03	1.40E-02
CF	9	L15112-08	4/22/2009	I-131	-1.50E-03	3.60E-03	1.40E-02
CF	9	L15177-08	5/6/2009	I-131	-9.60E-03	4.70E-03	2.00E-02
CF	9	L15223-08	5/20/2009	I-131	0.00E+00	3.30E-03	1.30E-02
CF	9	L15282-08	6/3/2009	I-131	3.20E-03	3.60E-03	1.30E-02
CF	9	L15318-08	6/17/2009	I-131	-7.00E-04	3.80E-03	1.50E-02
CF	9	L15374-08	7/1/2009	I-131	1.00E-03	3.40E-03	1.40E-02
CF	9	L15441-08	7/15/2009	I-131	-4.10E-03	4.80E-03	2.00E-02
CF	9	L15477-08	7/29/2009	I-131	5.50E-03	3.80E-03	1.30E-02
CF	9	L15525-08	8/12/2009	I-131	-2.70E-03	2.50E-03	1.10E-02
CF	9	L15576-08	8/26/2009	I-131	-2.70E-03	2.50E-03	1.10E-02
CF	9	L15632-08	9/9/2009	I-131	-2.10E-03	3.10E-03	1.20E-02
CF	9	L15692-08	9/23/2009	I-131	-4.50E-03	4.20E-03	1.90E-02
CF	9	L15746-08	10/7/2009	I-131	4.40E-03	4.90E-03	1.70E-02
CF	9	L15784-08	10/21/2009	I-131	3.40E-03	2.20E-03	7.20E-03
CF	9	L15875-08	11/4/2009	I-131	-2.20E-03	5.40E-03	2.10E-02
CF	9	L15913-08	11/18/2009	I-131	-4.80E-03	4.10E-03	1.70E-02

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)
CF	9	L15962-08	12/2/2009	I-131	6.00E-03	4.30E-03	1.40E-02
CF	9	L15993-08	12/16/2009	I-131	4.00E-04	3.20E-03	1.30E-02
CF	9	L16040-08	12/30/2009	I-131	5.00E-04	4.10E-03	1.60E-02

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	3	L14947-01	2/24/2009	AcTh-228	3.30E+01	3.70E+01	1.40E+02	
FH	3	L14947-01	2/24/2009	Ag-108m	1.60E+01	1.10E+01	3.70E+01	
FH	3	L14947-01	2/24/2009	Ag-110m	-4.00E+01	2.00E+01	9.30E+01	
FH	3	L14947-01	2/24/2009	Ba-140	-4.90E+01	3.90E+01	1.90E+02	
FH	3	L14947-01	2/24/2009	Be-7	-6.90E+01	9.00E+01	3.90E+02	
FH	3	L14947-01	2/24/2009	Ce-141	-1.00E+01	1.60E+01	6.10E+01	
FH	3	L14947-01	2/24/2009	Ce-144	-2.20E+01	4.90E+01	1.90E+02	
FH	3	L14947-01	2/24/2009	Co-57	-1.01E+01	6.10E+00	2.50E+01	
FH	3	L14947-01	2/24/2009	Co-58	-1.90E+01	1.40E+01	6.50E+01	
FH	3	L14947-01	2/24/2009	Co-60	5.00E+00	1.50E+01	6.00E+01	
FH	3	L14947-01	2/24/2009	Cr-51	4.00E+01	1.10E+02	4.10E+02	
FH	3	L14947-01	2/24/2009	Cs-134	-9.40E+00	8.90E+00	5.20E+01	
FH	3	L14947-01	2/24/2009	Cs-137	7.00E+00	1.20E+01	4.50E+01	
FH	3	L14947-01	2/24/2009	Fe-59	1.60E+01	2.40E+01	9.30E+01	
FH	3	L14947-01	2/24/2009	I-131	-7.00E+00	4.40E+01	1.70E+02	
FH	3	L14947-01	2/24/2009	K-40	3.36E+03	4.30E+02	4.80E+02	*
FH	3	L14947-01	2/24/2009	La-140	-4.90E+01	3.90E+01	1.90E+02	
FH	3	L14947-01	2/24/2009	Mn-54	3.00E+00	1.50E+01	5.60E+01	
FH	3	L14947-01	2/24/2009	Nb-95	7.00E+00	1.40E+01	5.30E+01	
FH	3	L14947-01	2/24/2009	Ru-103	-1.20E+01	1.30E+01	5.50E+01	
FH	3	L14947-01	2/24/2009	Ru-106	0.00E+00	1.10E+02	4.40E+02	
FH	3	L14947-01	2/24/2009	Sb-124	-2.00E+00	2.20E+01	1.20E+02	
FH	3	L14947-01	2/24/2009	Sb-125	-1.90E+01	2.70E+01	1.10E+02	
FH	3	L14947-01	2/24/2009	Se-75	-6.00E+00	1.50E+01	5.60E+01	
FH	3	L14947-01	2/24/2009	Zn-65	4.00E+00	2.80E+01	1.10E+02	
FH	3	L14947-01	2/24/2009	Zr-95	-7.00E+00	2.10E+01	8.80E+01	
FH	3	L15234-01	5/20/2009	AcTh-228	2.10E+01	3.70E+01	1.40E+02	
FH	3	L15234-01	5/20/2009	Ag-108m	-1.23E+01	9.30E+00	3.80E+01	
FH	3	L15234-01	5/20/2009	Ag-110m	1.40E+01	1.60E+01	5.50E+01	
FH	3	L15234-01	5/20/2009	Ba-140	4.20E+01	2.50E+01	7.80E+01	
FH	3	L15234-01	5/20/2009	Be-7	5.50E+01	9.70E+01	3.50E+02	
FH	3	L15234-01	5/20/2009	Ce-141	8.00E+00	1.60E+01	5.70E+01	
FH	3	L15234-01	5/20/2009	Ce-144	-2.80E+01	5.60E+01	2.10E+02	
FH	3	L15234-01	5/20/2009	Co-57	-3.50E+00	7.30E+00	2.70E+01	
FH	3	L15234-01	5/20/2009	Co-58	-1.00E+01	1.30E+01	5.20E+01	
FH	3	L15234-01	5/20/2009	Co-60	-1.30E+01	1.10E+01	5.20E+01	
FH	3	L15234-01	5/20/2009	Cr-51	0.00E+00	1.00E+02	3.90E+02	
FH	3	L15234-01	5/20/2009	Cs-134	-1.90E+00	8.20E+00	4.10E+01	
FH	3	L15234-01	5/20/2009	Cs-137	5.00E+00	1.30E+01	4.80E+01	
FH	3	L15234-01	5/20/2009	Fe-59	4.00E+00	2.20E+01	8.70E+01	
FH	3	L15234-01	5/20/2009	I-131	-3.20E+01	3.40E+01	1.30E+02	
FH	3	L15234-01	5/20/2009	K-40	3.24E+03	3.70E+02	6.50E+02	*
FH	3	L15234-01	5/20/2009	La-140	4.20E+01	2.50E+01	7.80E+01	
FH	3	L15234-01	5/20/2009	Mn-54	-7.00E+00	1.10E+01	4.60E+01	
FH	3	L15234-01	5/20/2009	Nb-95	1.40E+01	1.40E+01	5.00E+01	
FH	3	L15234-01	5/20/2009	Ru-103	-6.00E+00	1.10E+01	4.30E+01	
FH	3	L15234-01	5/20/2009	Ru-106	-6.00E+01	1.00E+02	4.00E+02	
FH	3	L15234-01	5/20/2009	Sb-124	-2.80E+01	2.50E+01	1.20E+02	
FH	3	L15234-01	5/20/2009	Sb-125	1.50E+01	3.30E+01	1.20E+02	
FH	3	L15234-01	5/20/2009	Se-75	-1.80E+01	1.30E+01	5.10E+01	
FH	3	L15234-01	5/20/2009	Zn-65	5.80E+01	2.50E+01	7.00E+01	
FH	3	L15234-01	5/20/2009	Zr-95	-4.00E+00	2.10E+01	8.10E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	3	L15570-01	8/18/2009	AcTh-228	1.80E+01	3.50E+01	1.30E+02	
FH	3	L15570-01	8/18/2009	Ag-108m	4.60E+00	8.30E+00	3.00E+01	
FH	3	L15570-01	8/18/2009	Ag-110m	-4.00E+00	1.70E+01	6.60E+01	
FH	3	L15570-01	8/18/2009	Ba-140	4.20E+01	1.90E+01	2.30E+01	
FH	3	L15570-01	8/18/2009	Be-7	1.70E+01	9.80E+01	3.60E+02	
FH	3	L15570-01	8/18/2009	Ce-141	-1.60E+01	1.50E+01	5.80E+01	
FH	3	L15570-01	8/18/2009	Ce-144	-8.40E+01	5.60E+01	2.20E+02	
FH	3	L15570-01	8/18/2009	Co-57	2.60E+00	5.70E+00	2.00E+01	
FH	3	L15570-01	8/18/2009	Co-58	-7.00E+00	1.20E+01	5.00E+01	
FH	3	L15570-01	8/18/2009	Co-60	3.00E+00	1.50E+01	5.70E+01	
FH	3	L15570-01	8/18/2009	Cr-51	3.00E+01	1.00E+02	3.70E+02	
FH	3	L15570-01	8/18/2009	Cs-134	1.30E+00	7.70E+00	3.90E+01	
FH	3	L15570-01	8/18/2009	Cs-137	-2.00E+00	1.10E+01	4.40E+01	
FH	3	L15570-01	8/18/2009	Fe-59	1.30E+01	2.50E+01	9.50E+01	
FH	3	L15570-01	8/18/2009	I-131	2.10E+01	2.50E+01	8.70E+01	
FH	3	L15570-01	8/18/2009	K-40	2.65E+03	3.40E+02	6.40E+02	*
FH	3	L15570-01	8/18/2009	La-140	4.20E+01	1.90E+01	2.30E+01	
FH	3	L15570-01	8/18/2009	Mn-54	1.20E+01	1.10E+01	4.00E+01	
FH	3	L15570-01	8/18/2009	Nb-95	-3.00E+00	1.50E+01	5.90E+01	
FH	3	L15570-01	8/18/2009	Ru-103	-1.30E+01	1.20E+01	4.80E+01	
FH	3	L15570-01	8/18/2009	Ru-106	0.00E+00	1.10E+02	4.00E+02	
FH	3	L15570-01	8/18/2009	Sb-124	-6.00E+00	2.40E+01	1.10E+02	
FH	3	L15570-01	8/18/2009	Sb-125	5.00E+00	2.90E+01	1.10E+02	
FH	3	L15570-01	8/18/2009	Se-75	1.00E+00	1.20E+01	4.40E+01	
FH	3	L15570-01	8/18/2009	Zn-65	1.20E+01	2.70E+01	1.00E+02	
FH	3	L15570-01	8/18/2009	Zr-95	2.20E+01	2.00E+01	7.00E+01	
FH	3	L15570-03	8/17/2009	AcTh-228	-2.00E+01	3.90E+01	1.60E+02	
FH	3	L15570-03	8/17/2009	Ag-108m	-4.50E+00	8.70E+00	3.40E+01	
FH	3	L15570-03	8/17/2009	Ag-110m	2.50E+01	1.50E+01	4.70E+01	
FH	3	L15570-03	8/17/2009	Ba-140	3.80E+01	2.30E+01	6.90E+01	
FH	3	L15570-03	8/17/2009	Be-7	8.10E+01	7.80E+01	2.70E+02	
FH	3	L15570-03	8/17/2009	Ce-141	-6.00E+00	1.40E+01	5.30E+01	
FH	3	L15570-03	8/17/2009	Ce-144	5.10E+01	5.10E+01	1.80E+02	
FH	3	L15570-03	8/17/2009	Co-57	7.10E+00	6.40E+00	2.20E+01	
FH	3	L15570-03	8/17/2009	Co-58	1.50E+01	1.00E+01	3.30E+01	
FH	3	L15570-03	8/17/2009	Co-60	1.30E+01	1.30E+01	4.70E+01	
FH	3	L15570-03	8/17/2009	Cr-51	2.00E+02	1.10E+02	3.40E+02	
FH	3	L15570-03	8/17/2009	Cs-134	1.10E+00	7.90E+00	3.30E+01	
FH	3	L15570-03	8/17/2009	Cs-137	-2.00E+00	1.20E+01	4.80E+01	
FH	3	L15570-03	8/17/2009	Fe-59	-1.30E+01	2.70E+01	1.10E+02	
FH	3	L15570-03	8/17/2009	I-131	5.00E+00	2.90E+01	1.10E+02	
FH	3	L15570-03	8/17/2009	K-40	3.95E+03	4.00E+02	5.00E+02	*
FH	3	L15570-03	8/17/2009	La-140	3.80E+01	2.30E+01	6.90E+01	
FH	3	L15570-03	8/17/2009	Mn-54	9.30E+00	9.10E+00	3.20E+01	
FH	3	L15570-03	8/17/2009	Nb-95	4.00E+00	1.30E+01	4.90E+01	
FH	3	L15570-03	8/17/2009	Ru-103	-1.30E+01	1.20E+01	4.80E+01	
FH	3	L15570-03	8/17/2009	Ru-106	1.00E+01	9.40E+01	3.60E+02	
FH	3	L15570-03	8/17/2009	Sb-124	3.20E+01	2.80E+01	9.90E+01	
FH	3	L15570-03	8/17/2009	Sb-125	-3.70E+01	2.40E+01	1.00E+02	
FH	3	L15570-03	8/17/2009	Se-75	1.50E+01	1.10E+01	3.70E+01	
FH	3	L15570-03	8/17/2009	Zn-65	-1.90E+01	2.50E+01	1.10E+02	
FH	3	L15570-03	8/17/2009	Zr-95	-1.20E+01	1.90E+01	8.00E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	3	L15956-01	12/1/2009	AcTh-228	-3.70E+01	6.10E+01	2.50E+02	
FH	3	L15956-01	12/1/2009	Ag-108m	9.00E+00	1.30E+01	4.50E+01	
FH	3	L15956-01	12/1/2009	Ag-110m	-1.10E+01	1.60E+01	7.10E+01	
FH	3	L15956-01	12/1/2009	Ba-140	-3.20E+01	3.20E+01	1.50E+02	
FH	3	L15956-01	12/1/2009	Be-7	-5.00E+01	1.20E+02	4.80E+02	
FH	3	L15956-01	12/1/2009	Ce-141	8.00E+00	1.60E+01	5.60E+01	
FH	3	L15956-01	12/1/2009	Ce-144	3.90E+01	5.40E+01	1.90E+02	
FH	3	L15956-01	12/1/2009	Co-57	-7.00E-01	6.60E+00	2.50E+01	
FH	3	L15956-01	12/1/2009	Co-58	-1.00E+00	1.70E+01	6.60E+01	
FH	3	L15956-01	12/1/2009	Co-60	1.30E+01	1.80E+01	6.60E+01	
FH	3	L15956-01	12/1/2009	Cr-51	0.00E+00	1.00E+02	4.00E+02	
FH	3	L15956-01	12/1/2009	Cs-134	2.00E+00	9.80E+00	4.00E+01	
FH	3	L15956-01	12/1/2009	Cs-137	2.80E+01	1.60E+01	5.20E+01	
FH	3	L15956-01	12/1/2009	Fe-59	4.50E+01	3.30E+01	1.10E+02	
FH	3	L15956-01	12/1/2009	I-131	-1.00E+00	2.60E+01	9.80E+01	
FH	3	L15956-01	12/1/2009	K-40	3.55E+03	4.60E+02	7.20E+02	*
FH	3	L15956-01	12/1/2009	La-140	-3.20E+01	3.20E+01	1.50E+02	
FH	3	L15956-01	12/1/2009	Mn-54	1.90E+01	1.00E+01	3.10E+01	
FH	3	L15956-01	12/1/2009	Nb-95	-1.30E+01	1.60E+01	6.90E+01	
FH	3	L15956-01	12/1/2009	Ru-103	-2.10E+01	1.30E+01	5.80E+01	
FH	3	L15956-01	12/1/2009	Ru-106	1.70E+02	1.20E+02	4.00E+02	
FH	3	L15956-01	12/1/2009	Sb-124	0.00E+00	3.50E+01	1.50E+02	
FH	3	L15956-01	12/1/2009	Sb-125	2.00E+01	3.10E+01	1.10E+02	
FH	3	L15956-01	12/1/2009	Se-75	5.00E+00	1.30E+01	4.80E+01	
FH	3	L15956-01	12/1/2009	Zn-65	-8.10E+01	4.30E+01	1.90E+02	
FH	3	L15956-01	12/1/2009	Zr-95	2.80E+01	2.40E+01	8.50E+01	
FH	E1	L15570-02	7/27/2009	AcTh-228	-1.70E+01	4.10E+01	1.70E+02	
FH	E1	L15570-02	7/27/2009	Ag-108m	7.10E+00	7.90E+00	2.80E+01	
FH	E1	L15570-02	7/27/2009	Ag-110m	-2.20E+01	1.40E+01	6.30E+01	
FH	E1	L15570-02	7/27/2009	Ba-140	2.00E+01	7.90E+01	3.20E+02	
FH	E1	L15570-02	7/27/2009	Be-7	-1.50E+02	1.20E+02	4.90E+02	
FH	E1	L15570-02	7/27/2009	Ce-141	-2.60E+01	2.00E+01	7.70E+01	
FH	E1	L15570-02	7/27/2009	Ce-144	-1.50E+01	4.30E+01	1.60E+02	
FH	E1	L15570-02	7/27/2009	Co-57	-1.60E+00	5.50E+00	2.00E+01	
FH	E1	L15570-02	7/27/2009	Co-58	3.00E+00	1.30E+01	5.00E+01	
FH	E1	L15570-02	7/27/2009	Co-60	-4.00E+00	1.40E+01	5.60E+01	
FH	E1	L15570-02	7/27/2009	Cr-51	0.00E+00	1.50E+02	5.50E+02	
FH	E1	L15570-02	7/27/2009	Cs-134	-2.20E+00	7.20E+00	4.00E+01	
FH	E1	L15570-02	7/27/2009	Cs-137	-1.80E+01	1.10E+01	4.90E+01	
FH	E1	L15570-02	7/27/2009	Fe-59	-1.90E+01	3.90E+01	1.60E+02	
FH	E1	L15570-02	7/27/2009	I-131	-3.00E+01	1.60E+02	6.10E+02	
FH	E1	L15570-02	7/27/2009	K-40	2.85E+03	3.40E+02	5.00E+02	*
FH	E1	L15570-02	7/27/2009	La-140	2.00E+01	7.90E+01	3.20E+02	
FH	E1	L15570-02	7/27/2009	Mn-54	7.00E+00	1.20E+01	4.30E+01	
FH	E1	L15570-02	7/27/2009	Nb-95	2.00E+00	1.70E+01	6.70E+01	
FH	E1	L15570-02	7/27/2009	Ru-103	-6.00E+00	1.60E+01	6.40E+01	
FH	E1	L15570-02	7/27/2009	Ru-106	4.00E+01	1.00E+02	3.80E+02	
FH	E1	L15570-02	7/27/2009	Sb-124	-1.60E+01	2.40E+01	1.30E+02	
FH	E1	L15570-02	7/27/2009	Sb-125	4.00E+00	2.40E+01	9.10E+01	
FH	E1	L15570-02	7/27/2009	Se-75	0.00E+00	1.10E+01	3.90E+01	
FH	E1	L15570-02	7/27/2009	Zn-65	-3.30E+01	2.60E+01	1.20E+02	
FH	E1	L15570-02	7/27/2009	Zr-95	1.80E+01	2.40E+01	8.80E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	53	L15570-04	8/18/2009	AcTh-228	-1.00E+01	3.30E+01	1.30E+02	
FH	53	L15570-04	8/18/2009	Ag-108m	-1.00E+00	7.20E+00	2.70E+01	
FH	53	L15570-04	8/18/2009	Ag-110m	-2.00E+00	1.10E+01	4.40E+01	
FH	53	L15570-04	8/18/2009	Ba-140	-1.00E+01	1.20E+01	6.10E+01	
FH	53	L15570-04	8/18/2009	Be-7	0.00E+00	7.30E+01	2.70E+02	
FH	53	L15570-04	8/18/2009	Ce-141	8.00E+00	1.10E+01	3.80E+01	
FH	53	L15570-04	8/18/2009	Ce-144	1.60E+01	4.50E+01	1.60E+02	
FH	53	L15570-04	8/18/2009	Co-57	-5.90E+00	5.60E+00	2.10E+01	
FH	53	L15570-04	8/18/2009	Co-58	-1.60E+00	8.80E+00	3.40E+01	
FH	53	L15570-04	8/18/2009	Co-60	8.30E+00	9.70E+00	3.50E+01	
FH	53	L15570-04	8/18/2009	Cr-51	8.30E+01	9.00E+01	3.10E+02	
FH	53	L15570-04	8/18/2009	Cs-134	-9.50E+00	6.90E+00	3.60E+01	
FH	53	L15570-04	8/18/2009	Cs-137	1.10E+00	8.20E+00	3.00E+01	
FH	53	L15570-04	8/18/2009	Fe-59	1.90E+01	2.10E+01	7.30E+01	
FH	53	L15570-04	8/18/2009	I-131	-3.10E+01	2.10E+01	8.40E+01	
FH	53	L15570-04	8/18/2009	K-40	3.20E+03	2.90E+02	4.70E+02	*
FH	53	L15570-04	8/18/2009	La-140	-1.00E+01	1.20E+01	6.10E+01	
FH	53	L15570-04	8/18/2009	Mn-54	-4.50E+00	8.90E+00	3.50E+01	
FH	53	L15570-04	8/18/2009	Nb-95	-1.40E+00	9.90E+00	3.80E+01	
FH	53	L15570-04	8/18/2009	Ru-103	-1.50E+01	1.10E+01	4.20E+01	
FH	53	L15570-04	8/18/2009	Ru-106	-7.00E+01	7.30E+01	2.90E+02	
FH	53	L15570-04	8/18/2009	Sb-124	1.20E+01	1.90E+01	7.00E+01	
FH	53	L15570-04	8/18/2009	Sb-125	-3.40E+01	2.30E+01	9.00E+01	
FH	53	L15570-04	8/18/2009	Se-75	-1.30E+01	1.10E+01	4.20E+01	
FH	53	L15570-04	8/18/2009	Zn-65	2.90E+01	2.00E+01	6.70E+01	
FH	53	L15570-04	8/18/2009	Zr-95	-2.00E+01	1.50E+01	6.40E+01	
FH	53	L14947-02	2/26/2009	AcTh-228	8.40E+01	8.00E+01	2.70E+02	
FH	53	L14947-02	2/26/2009	Ag-108m	-1.20E+01	1.60E+01	6.20E+01	
FH	53	L14947-02	2/26/2009	Ag-110m	-2.70E+01	2.80E+01	1.10E+02	
FH	53	L14947-02	2/26/2009	Ba-140	3.20E+01	4.20E+01	1.50E+02	
FH	53	L14947-02	2/26/2009	Be-7	-4.00E+01	1.50E+02	5.70E+02	
FH	53	L14947-02	2/26/2009	Ce-141	-5.60E+01	2.90E+01	1.10E+02	
FH	53	L14947-02	2/26/2009	Ce-144	2.60E+01	8.80E+01	3.10E+02	
FH	53	L14947-02	2/26/2009	Co-57	1.70E+01	1.10E+01	3.70E+01	
FH	53	L14947-02	2/26/2009	Co-58	-1.30E+01	2.40E+01	9.10E+01	
FH	53	L14947-02	2/26/2009	Co-60	1.30E+01	2.20E+01	8.00E+01	
FH	53	L14947-02	2/26/2009	Cr-51	-6.00E+01	1.80E+02	6.50E+02	
FH	53	L14947-02	2/26/2009	Cs-134	4.50E+01	1.90E+01	6.80E+01	
FH	53	L14947-02	2/26/2009	Cs-137	1.00E+00	1.90E+01	7.10E+01	
FH	53	L14947-02	2/26/2009	Fe-59	-4.00E+01	4.70E+01	1.90E+02	
FH	53	L14947-02	2/26/2009	I-131	-2.30E+01	4.70E+01	1.80E+02	
FH	53	L14947-02	2/26/2009	K-40	2.32E+03	4.80E+02	1.30E+03	*
FH	53	L14947-02	2/26/2009	La-140	3.20E+01	4.20E+01	1.50E+02	
FH	53	L14947-02	2/26/2009	Mn-54	-2.10E+01	2.10E+01	8.30E+01	
FH	53	L14947-02	2/26/2009	Nb-95	-1.40E+01	2.70E+01	1.00E+02	
FH	53	L14947-02	2/26/2009	Ru-103	6.80E+01	2.40E+01	7.00E+01	
FH	53	L14947-02	2/26/2009	Ru-106	-1.20E+02	2.00E+02	7.60E+02	
FH	53	L14947-02	2/26/2009	Sb-124	-5.10E+01	4.40E+01	2.00E+02	
FH	53	L14947-02	2/26/2009	Sb-125	4.20E+01	5.00E+01	1.70E+02	
FH	53	L14947-02	2/26/2009	Se-75	3.00E+01	2.20E+01	7.30E+01	
FH	53	L14947-02	2/26/2009	Zn-65	-3.50E+01	5.10E+01	2.00E+02	
FH	53	L14947-02	2/26/2009	Zr-95	0.00E+00	3.60E+01	1.30E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	53	L14947-03	2/26/2009	AcTh-228	1.50E+01	5.00E+01	2.00E+02	
FH	53	L14947-03	2/26/2009	Ag-108m	1.10E+01	1.30E+01	4.50E+01	
FH	53	L14947-03	2/26/2009	Ag-110m	2.70E+01	2.20E+01	7.50E+01	
FH	53	L14947-03	2/26/2009	Ba-140	0.00E+00	1.90E+01	9.80E+01	
FH	53	L14947-03	2/26/2009	Be-7	0.00E+00	1.10E+02	4.30E+02	
FH	53	L14947-03	2/26/2009	Ce-141	-8.00E+00	1.60E+01	6.10E+01	
FH	53	L14947-03	2/26/2009	Ce-144	6.30E+01	6.40E+01	2.20E+02	
FH	53	L14947-03	2/26/2009	Co-57	6.30E+00	7.60E+00	2.60E+01	
FH	53	L14947-03	2/26/2009	Co-58	3.00E+00	1.40E+01	5.50E+01	
FH	53	L14947-03	2/26/2009	Co-60	-1.00E+00	1.10E+01	5.30E+01	
FH	53	L14947-03	2/26/2009	Cr-51	-2.00E+01	1.30E+02	5.00E+02	
FH	53	L14947-03	2/26/2009	Cs-134	-1.43E+01	8.90E+00	5.10E+01	
FH	53	L14947-03	2/26/2009	Cs-137	1.70E+00	9.70E+00	4.00E+01	
FH	53	L14947-03	2/26/2009	Fe-59	-3.90E+01	3.40E+01	1.60E+02	
FH	53	L14947-03	2/26/2009	I-131	-3.30E+01	4.00E+01	1.60E+02	
FH	53	L14947-03	2/26/2009	K-40	2.07E+03	3.80E+02	7.40E+02	*
FH	53	L14947-03	2/26/2009	La-140	0.00E+00	1.90E+01	9.80E+01	
FH	53	L14947-03	2/26/2009	Mn-54	3.00E+00	1.20E+01	4.80E+01	
FH	53	L14947-03	2/26/2009	Nb-95	-3.50E+01	1.70E+01	8.10E+01	
FH	53	L14947-03	2/26/2009	Ru-103	1.00E+01	1.60E+01	5.80E+01	
FH	53	L14947-03	2/26/2009	Ru-106	-1.40E+02	1.40E+02	5.70E+02	
FH	53	L14947-03	2/26/2009	Sb-124	0.00E+00	3.10E+01	1.50E+02	
FH	53	L14947-03	2/26/2009	Sb-125	3.40E+01	2.80E+01	9.60E+01	
FH	53	L14947-03	2/26/2009	Se-75	1.70E+01	1.40E+01	4.90E+01	
FH	53	L14947-03	2/26/2009	Zn-65	-3.70E+01	2.30E+01	1.20E+02	
FH	53	L14947-03	2/26/2009	Zr-95	0.00E+00	2.50E+01	9.90E+01	
FH	53	L15234-02	5/19/2009	AcTh-228	-2.80E+01	4.40E+01	1.90E+02	
FH	53	L15234-02	5/19/2009	Ag-108m	0.00E+00	1.10E+01	4.10E+01	
FH	53	L15234-02	5/19/2009	Ag-110m	-1.00E+01	1.80E+01	7.70E+01	
FH	53	L15234-02	5/19/2009	Ba-140	0.00E+00	4.20E+01	1.70E+02	
FH	53	L15234-02	5/19/2009	Be-7	-3.00E+01	1.30E+02	5.20E+02	
FH	53	L15234-02	5/19/2009	Ce-141	3.00E+00	1.80E+01	6.60E+01	
FH	53	L15234-02	5/19/2009	Ce-144	2.50E+01	6.90E+01	2.50E+02	
FH	53	L15234-02	5/19/2009	Co-57	-8.70E+00	8.90E+00	3.50E+01	
FH	53	L15234-02	5/19/2009	Co-58	-1.20E+01	1.50E+01	6.50E+01	
FH	53	L15234-02	5/19/2009	Co-60	1.00E+01	1.50E+01	5.80E+01	
FH	53	L15234-02	5/19/2009	Cr-51	1.50E+02	1.30E+02	4.40E+02	
FH	53	L15234-02	5/19/2009	Cs-134	-1.00E+00	1.10E+01	4.60E+01	
FH	53	L15234-02	5/19/2009	Cs-137	-1.00E+01	1.60E+01	6.60E+01	
FH	53	L15234-02	5/19/2009	Fe-59	3.30E+01	3.40E+01	1.20E+02	
FH	53	L15234-02	5/19/2009	I-131	-1.03E+02	5.20E+01	2.20E+02	
FH	53	L15234-02	5/19/2009	K-40	2.55E+03	4.20E+02	8.90E+02	*
FH	53	L15234-02	5/19/2009	La-140	0.00E+00	4.20E+01	1.70E+02	
FH	53	L15234-02	5/19/2009	Mn-54	7.00E+00	1.60E+01	5.90E+01	
FH	53	L15234-02	5/19/2009	Nb-95	-6.00E+00	1.20E+01	5.60E+01	
FH	53	L15234-02	5/19/2009	Ru-103	2.90E+01	1.50E+01	4.50E+01	
FH	53	L15234-02	5/19/2009	Ru-106	-1.90E+01	8.90E+01	3.80E+02	
FH	53	L15234-02	5/19/2009	Sb-124	1.40E+01	3.70E+01	1.50E+02	
FH	53	L15234-02	5/19/2009	Sb-125	7.00E+00	2.80E+01	1.10E+02	
FH	53	L15234-02	5/19/2009	Se-75	-1.20E+01	1.50E+01	6.00E+01	
FH	53	L15234-02	5/19/2009	Zn-65	-1.20E+01	2.10E+01	1.00E+02	
FH	53	L15234-02	5/19/2009	Zr-95	4.80E+01	2.60E+01	8.20E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	53	L15956-02	12/1/2009	AcTh-228	-3.80E+01	4.40E+01	2.00E+02	
FH	53	L15956-02	12/1/2009	Ag-108m	6.00E+00	1.20E+01	4.20E+01	
FH	53	L15956-02	12/1/2009	Ag-110m	-1.40E+01	1.70E+01	7.60E+01	
FH	53	L15956-02	12/1/2009	Ba-140	-4.20E+01	2.50E+01	1.40E+02	
FH	53	L15956-02	12/1/2009	Be-7	-6.00E+01	1.00E+02	4.20E+02	
FH	53	L15956-02	12/1/2009	Ce-141	3.60E+01	1.60E+01	4.90E+01	
FH	53	L15956-02	12/1/2009	Ce-144	8.60E+01	5.10E+01	1.70E+02	
FH	53	L15956-02	12/1/2009	Co-57	8.20E+00	6.30E+00	2.10E+01	
FH	53	L15956-02	12/1/2009	Co-58	-3.00E+01	1.20E+01	6.00E+01	
FH	53	L15956-02	12/1/2009	Co-60	1.00E+00	9.30E+00	4.30E+01	
FH	53	L15956-02	12/1/2009	Cr-51	-8.30E+01	7.90E+01	3.40E+02	
FH	53	L15956-02	12/1/2009	Cs-134	-2.00E+00	1.00E+01	5.60E+01	
FH	53	L15956-02	12/1/2009	Cs-137	2.40E+01	1.60E+01	5.10E+01	
FH	53	L15956-02	12/1/2009	Fe-59	3.40E+01	3.60E+01	1.30E+02	
FH	53	L15956-02	12/1/2009	I-131	-3.30E+01	2.20E+01	9.60E+01	
FH	53	L15956-02	12/1/2009	K-40	3.60E+03	4.50E+02	6.70E+02	*
FH	53	L15956-02	12/1/2009	La-140	-4.20E+01	2.50E+01	1.40E+02	
FH	53	L15956-02	12/1/2009	Mn-54	3.00E+00	1.20E+01	4.80E+01	
FH	53	L15956-02	12/1/2009	Nb-95	-1.19E+01	9.40E+00	4.80E+01	
FH	53	L15956-02	12/1/2009	Ru-103	1.40E+01	1.20E+01	4.10E+01	
FH	53	L15956-02	12/1/2009	Ru-106	-1.00E+01	1.20E+02	4.80E+02	
FH	53	L15956-02	12/1/2009	Sb-124	-6.00E+00	4.10E+01	1.70E+02	
FH	53	L15956-02	12/1/2009	Sb-125	-3.70E+01	3.50E+01	1.40E+02	
FH	53	L15956-02	12/1/2009	Se-75	1.00E+00	1.40E+01	5.10E+01	
FH	53	L15956-02	12/1/2009	Zn-65	-1.70E+01	3.20E+01	1.30E+02	
FH	53	L15956-02	12/1/2009	Zr-95	-2.00E+00	1.70E+01	7.20E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
HA	4	L15233-01	5/23/2009	AcTh-228	1.50E+01	5.80E+01	2.20E+02	
HA	4	L15233-01	5/23/2009	Ag-108m	1.00E+01	1.10E+01	4.00E+01	
HA	4	L15233-01	5/23/2009	Ag-110m	-5.30E+01	1.80E+01	9.80E+01	
HA	4	L15233-01	5/23/2009	Ba-140	4.00E+01	2.30E+01	3.60E+01	
HA	4	L15233-01	5/23/2009	Be-7	-8.00E+01	1.20E+02	5.00E+02	
HA	4	L15233-01	5/23/2009	Ce-141	2.00E+01	1.60E+01	5.50E+01	
HA	4	L15233-01	5/23/2009	Ce-144	-7.90E+01	5.30E+01	2.20E+02	
HA	4	L15233-01	5/23/2009	Co-57	6.30E+00	6.90E+00	2.40E+01	
HA	4	L15233-01	5/23/2009	Co-58	-4.00E+00	1.70E+01	6.80E+01	
HA	4	L15233-01	5/23/2009	Co-60	-1.80E+01	1.30E+01	7.20E+01	
HA	4	L15233-01	5/23/2009	Cr-51	-4.50E+01	9.10E+01	3.80E+02	
HA	4	L15233-01	5/23/2009	Cs-134	-1.34E+01	9.60E+00	5.60E+01	
HA	4	L15233-01	5/23/2009	Cs-137	6.00E+00	1.10E+01	4.40E+01	
HA	4	L15233-01	5/23/2009	Fe-59	1.60E+01	3.50E+01	1.40E+02	
HA	4	L15233-01	5/23/2009	I-131	1.20E+01	3.20E+01	1.20E+02	
HA	4	L15233-01	5/23/2009	K-40	1.74E+03	4.00E+02	9.20E+02	*
HA	4	L15233-01	5/23/2009	La-140	4.00E+01	2.30E+01	3.60E+01	
HA	4	L15233-01	5/23/2009	Mn-54	0.00E+00	1.10E+01	4.80E+01	
HA	4	L15233-01	5/23/2009	Nb-95	-1.00E+00	1.40E+01	5.90E+01	
HA	4	L15233-01	5/23/2009	Ru-103	-3.00E+00	1.20E+01	5.00E+01	
HA	4	L15233-01	5/23/2009	Ru-106	7.00E+01	1.10E+02	4.10E+02	
HA	4	L15233-01	5/23/2009	Sb-124	-2.10E+01	3.20E+01	1.70E+02	
HA	4	L15233-01	5/23/2009	Sb-125	-2.20E+01	3.20E+01	1.30E+02	
HA	4	L15233-01	5/23/2009	Se-75	2.00E+00	1.30E+01	4.90E+01	
HA	4	L15233-01	5/23/2009	Zn-65	5.00E+00	3.30E+01	1.30E+02	
HA	4	L15233-01	5/23/2009	Zr-95	-1.50E+01	2.40E+01	1.10E+02	
HA	4	L15958-01	12/1/2009	AcTh-228	2.70E+01	5.50E+01	2.10E+02	
HA	4	L15958-01	12/1/2009	Ag-108m	6.50E+00	8.50E+00	3.10E+01	
HA	4	L15958-01	12/1/2009	Ag-110m	1.10E+01	1.70E+01	6.30E+01	
HA	4	L15958-01	12/1/2009	Ba-140	4.60E+01	2.30E+01	3.10E+01	
HA	4	L15958-01	12/1/2009	Be-7	4.70E+01	9.90E+01	3.70E+02	
HA	4	L15958-01	12/1/2009	Ce-141	-8.00E+00	1.40E+01	5.40E+01	
HA	4	L15958-01	12/1/2009	Ce-144	1.09E+02	6.00E+01	1.90E+02	
HA	4	L15958-01	12/1/2009	Co-57	-4.50E+00	4.70E+00	2.00E+01	
HA	4	L15958-01	12/1/2009	Co-58	-1.95E+01	9.60E+00	5.30E+01	
HA	4	L15958-01	12/1/2009	Co-60	0.00E+00	1.50E+01	6.50E+01	
HA	4	L15958-01	12/1/2009	Cr-51	0.00E+00	8.40E+01	3.30E+02	
HA	4	L15958-01	12/1/2009	Cs-134	6.40E+00	8.50E+00	3.90E+01	
HA	4	L15958-01	12/1/2009	Cs-137	-4.00E+00	1.50E+01	5.90E+01	
HA	4	L15958-01	12/1/2009	Fe-59	7.00E+00	2.20E+01	9.30E+01	
HA	4	L15958-01	12/1/2009	I-131	-6.00E+00	2.00E+01	8.00E+01	
HA	4	L15958-01	12/1/2009	K-40	2.18E+03	3.70E+02	5.90E+02	*
HA	4	L15958-01	12/1/2009	La-140	4.60E+01	2.30E+01	3.10E+01	
HA	4	L15958-01	12/1/2009	Mn-54	-8.00E+00	1.00E+01	4.80E+01	
HA	4	L15958-01	12/1/2009	Nb-95	0.00E+00	1.50E+01	6.10E+01	
HA	4	L15958-01	12/1/2009	Ru-103	6.00E+00	1.20E+01	4.50E+01	
HA	4	L15958-01	12/1/2009	Ru-106	-4.00E+01	1.30E+02	5.20E+02	
HA	4	L15958-01	12/1/2009	Sb-124	6.10E+01	3.10E+01	4.10E+01	
HA	4	L15958-01	12/1/2009	Sb-125	1.30E+01	2.10E+01	8.00E+01	
HA	4	L15958-01	12/1/2009	Se-75	-9.00E+00	1.10E+01	4.50E+01	
HA	4	L15958-01	12/1/2009	Zn-65	-3.60E+01	3.30E+01	1.50E+02	
HA	4	L15958-01	12/1/2009	Zr-95	0.00E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
HA	54	L15233-02	5/22/2009	AcTh-228	-4.80E+01	5.00E+01	2.30E+02	
HA	54	L15233-02	5/22/2009	Ag-108m	1.26E+01	9.10E+00	3.00E+01	
HA	54	L15233-02	5/22/2009	Ag-110m	0.00E+00	1.90E+01	7.90E+01	
HA	54	L15233-02	5/22/2009	Ba-140	1.40E+01	2.50E+01	1.10E+02	
HA	54	L15233-02	5/22/2009	Be-7	3.00E+01	1.30E+02	4.80E+02	
HA	54	L15233-02	5/22/2009	Ce-141	5.00E+00	1.80E+01	6.50E+01	
HA	54	L15233-02	5/22/2009	Ce-144	-8.30E+01	6.10E+01	2.50E+02	
HA	54	L15233-02	5/22/2009	Co-57	-9.30E+00	8.30E+00	3.30E+01	
HA	54	L15233-02	5/22/2009	Co-58	-1.00E+00	1.40E+01	5.80E+01	
HA	54	L15233-02	5/22/2009	Co-60	1.70E+01	1.70E+01	6.00E+01	
HA	54	L15233-02	5/22/2009	Cr-51	-2.70E+02	1.50E+02	6.30E+02	
HA	54	L15233-02	5/22/2009	Cs-134	-9.00E+00	1.10E+01	6.00E+01	
HA	54	L15233-02	5/22/2009	Cs-137	0.00E+00	1.50E+01	6.00E+01	
HA	54	L15233-02	5/22/2009	Fe-59	0.00E+00	2.20E+01	1.00E+02	
HA	54	L15233-02	5/22/2009	I-131	-2.10E+01	3.30E+01	1.30E+02	
HA	54	L15233-02	5/22/2009	K-40	2.13E+03	4.00E+02	7.50E+02	*
HA	54	L15233-02	5/22/2009	La-140	1.40E+01	2.50E+01	1.10E+02	
HA	54	L15233-02	5/22/2009	Mn-54	-2.10E+01	1.20E+01	6.00E+01	
HA	54	L15233-02	5/22/2009	Nb-95	6.00E+00	1.00E+01	4.10E+01	
HA	54	L15233-02	5/22/2009	Ru-103	-4.00E+00	1.30E+01	5.30E+01	
HA	54	L15233-02	5/22/2009	Ru-106	6.00E+01	1.30E+02	5.00E+02	
HA	54	L15233-02	5/22/2009	Sb-124	-3.50E+01	2.50E+01	1.60E+02	
HA	54	L15233-02	5/22/2009	Sb-125	6.20E+01	3.50E+01	1.10E+02	
HA	54	L15233-02	5/22/2009	Se-75	1.50E+01	1.20E+01	4.20E+01	
HA	54	L15233-02	5/22/2009	Zn-65	6.40E+01	3.40E+01	9.80E+01	
HA	54	L15233-02	5/22/2009	Zr-95	4.70E+01	2.10E+01	5.30E+01	
HA	54	L15958-02	12/1/2009	AcTh-228	-2.00E+01	5.80E+01	2.50E+02	
HA	54	L15958-02	12/1/2009	Ag-108m	6.00E+00	1.10E+01	4.30E+01	
HA	54	L15958-02	12/1/2009	Ag-110m	3.00E+01	2.20E+01	7.30E+01	
HA	54	L15958-02	12/1/2009	Ba-140	4.20E+01	2.40E+01	3.80E+01	
HA	54	L15958-02	12/1/2009	Be-7	3.00E+01	1.20E+02	4.80E+02	
HA	54	L15958-02	12/1/2009	Ce-141	2.00E+00	1.70E+01	6.40E+01	
HA	54	L15958-02	12/1/2009	Ce-144	1.27E+02	6.80E+01	2.20E+02	
HA	54	L15958-02	12/1/2009	Co-57	-5.70E+00	7.70E+00	3.10E+01	
HA	54	L15958-02	12/1/2009	Co-58	-1.30E+01	1.30E+01	6.30E+01	
HA	54	L15958-02	12/1/2009	Co-60	1.32E+01	9.30E+00	1.80E+01	
HA	54	L15958-02	12/1/2009	Cr-51	1.10E+02	1.30E+02	4.50E+02	
HA	54	L15958-02	12/1/2009	Cs-134	8.00E+00	1.00E+01	5.10E+01	
HA	54	L15958-02	12/1/2009	Cs-137	-1.00E+01	1.50E+01	6.50E+01	
HA	54	L15958-02	12/1/2009	Fe-59	2.30E+01	4.00E+01	1.50E+02	
HA	54	L15958-02	12/1/2009	I-131	5.90E+01	2.80E+01	8.30E+01	
HA	54	L15958-02	12/1/2009	K-40	3.19E+03	5.10E+02	9.20E+02	*
HA	54	L15958-02	12/1/2009	La-140	4.20E+01	2.40E+01	3.80E+01	
HA	54	L15958-02	12/1/2009	Mn-54	6.00E+00	1.10E+01	4.50E+01	
HA	54	L15958-02	12/1/2009	Nb-95	-1.20E+01	2.10E+01	8.80E+01	
HA	54	L15958-02	12/1/2009	Ru-103	1.50E+01	1.60E+01	5.80E+01	
HA	54	L15958-02	12/1/2009	Ru-106	-2.50E+02	1.30E+02	6.20E+02	
HA	54	L15958-02	12/1/2009	Sb-124	0.00E+00	0.00E+00	5.00E+01	
HA	54	L15958-02	12/1/2009	Sb-125	-2.60E+01	3.60E+01	1.50E+02	
HA	54	L15958-02	12/1/2009	Se-75	-4.00E+00	1.70E+01	6.60E+01	
HA	54	L15958-02	12/1/2009	Zn-65	0.00E+00	2.80E+01	1.20E+02	
HA	54	L15958-02	12/1/2009	Zr-95	-3.30E+01	2.70E+01	1.30E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MS	6	L15236-04	5/19/2009	Sr-90	-1.70E+01	6.40E+01	2.20E+02
MS	6	L15955-04	12/1/2009	Sr-90	-6.40E+01	6.90E+01	2.40E+02
MS	56	L15236-05	5/19/2009	Sr-90	1.61E+02	7.80E+01	2.50E+02
MS	56	L15955-05	12/1/2009	Sr-90	-8.90E+01	6.80E+01	2.40E+02

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
MU	6	L15236-01	5/19/2009	AcTh-228	3.90E+01	4.60E+01	1.70E+02	
MU	6	L15236-01	5/19/2009	Ag-108m	-1.00E+01	1.00E+01	4.20E+01	
MU	6	L15236-01	5/19/2009	Ag-110m	1.00E+00	1.90E+01	7.50E+01	
MU	6	L15236-01	5/19/2009	Ba-140	1.20E+01	3.20E+01	1.30E+02	
MU	6	L15236-01	5/19/2009	Be-7	1.00E+01	1.20E+02	4.60E+02	
MU	6	L15236-01	5/19/2009	Ce-141	-1.50E+01	2.00E+01	7.50E+01	
MU	6	L15236-01	5/19/2009	Ce-144	1.90E+01	6.40E+01	2.30E+02	
MU	6	L15236-01	5/19/2009	Co-57	1.20E+00	9.00E+00	3.30E+01	
MU	6	L15236-01	5/19/2009	Co-58	1.41E+01	8.60E+00	2.60E+01	
MU	6	L15236-01	5/19/2009	Co-60	4.40E+00	9.80E+00	4.10E+01	
MU	6	L15236-01	5/19/2009	Cr-51	-1.80E+02	1.10E+02	4.70E+02	
MU	6	L15236-01	5/19/2009	Cs-134	-8.20E+00	8.00E+00	4.50E+01	
MU	6	L15236-01	5/19/2009	Cs-137	1.80E+01	1.60E+01	5.30E+01	
MU	6	L15236-01	5/19/2009	Fe-59	-2.00E+01	2.40E+01	1.10E+02	
MU	6	L15236-01	5/19/2009	I-131	-4.30E+01	4.50E+01	1.80E+02	
MU	6	L15236-01	5/19/2009	K-40	1.31E+03	2.90E+02	6.80E+02	*
MU	6	L15236-01	5/19/2009	La-140	1.20E+01	3.20E+01	1.30E+02	
MU	6	L15236-01	5/19/2009	Mn-54	-1.00E+01	1.30E+01	5.60E+01	
MU	6	L15236-01	5/19/2009	Nb-95	-1.60E+01	1.60E+01	6.80E+01	
MU	6	L15236-01	5/19/2009	Ru-103	0.00E+00	1.20E+01	4.80E+01	
MU	6	L15236-01	5/19/2009	Ru-106	-8.00E+01	1.20E+02	5.10E+02	
MU	6	L15236-01	5/19/2009	Sb-124	2.50E+01	3.10E+01	1.20E+02	
MU	6	L15236-01	5/19/2009	Sb-125	-4.00E+01	3.30E+01	1.40E+02	
MU	6	L15236-01	5/19/2009	Se-75	0.00E+00	1.60E+01	5.90E+01	
MU	6	L15236-01	5/19/2009	Zn-65	8.00E+00	3.10E+01	1.20E+02	
MU	6	L15236-01	5/19/2009	Zr-95	-6.00E+00	2.50E+01	1.00E+02	
MU	9	L15237-01	5/19/2009	AcTh-228	1.00E+01	3.50E+01	1.30E+02	
MU	9	L15237-01	5/19/2009	Ag-108m	-3.50E+00	8.60E+00	3.30E+01	
MU	9	L15237-01	5/19/2009	Ag-110m	-1.20E+01	1.70E+01	6.80E+01	
MU	9	L15237-01	5/19/2009	Ba-140	3.30E+01	2.90E+01	1.00E+02	
MU	9	L15237-01	5/19/2009	Be-7	1.00E+01	1.10E+02	4.10E+02	
MU	9	L15237-01	5/19/2009	Ce-141	-1.20E+01	1.80E+01	6.80E+01	
MU	9	L15237-01	5/19/2009	Ce-144	7.50E+01	4.70E+01	1.60E+02	
MU	9	L15237-01	5/19/2009	Co-57	-1.70E+00	6.80E+00	2.50E+01	
MU	9	L15237-01	5/19/2009	Co-58	3.00E+00	1.10E+01	4.40E+01	
MU	9	L15237-01	5/19/2009	Co-60	-6.00E+00	1.10E+01	4.70E+01	
MU	9	L15237-01	5/19/2009	Cr-51	2.00E+01	1.10E+02	4.10E+02	
MU	9	L15237-01	5/19/2009	Cs-134	2.16E+01	7.60E+00	3.30E+01	
MU	9	L15237-01	5/19/2009	Cs-137	-4.00E+00	1.10E+01	4.40E+01	
MU	9	L15237-01	5/19/2009	Fe-59	1.70E+01	2.30E+01	8.60E+01	
MU	9	L15237-01	5/19/2009	I-131	3.60E+01	5.30E+01	1.90E+02	
MU	9	L15237-01	5/19/2009	K-40	7.80E+02	2.20E+02	6.00E+02	*
MU	9	L15237-01	5/19/2009	La-140	3.30E+01	2.90E+01	1.00E+02	
MU	9	L15237-01	5/19/2009	Mn-54	-5.00E+00	1.10E+01	4.30E+01	
MU	9	L15237-01	5/19/2009	Nb-95	-6.00E+00	1.50E+01	5.90E+01	
MU	9	L15237-01	5/19/2009	Ru-103	-4.00E+00	1.40E+01	5.50E+01	
MU	9	L15237-01	5/19/2009	Ru-106	-2.00E+01	1.00E+02	3.90E+02	
MU	9	L15237-01	5/19/2009	Sb-124	-2.90E+01	1.60E+01	1.00E+02	
MU	9	L15237-01	5/19/2009	Sb-125	-2.00E+00	2.70E+01	1.00E+02	
MU	9	L15237-01	5/19/2009	Se-75	5.00E+00	1.30E+01	4.60E+01	
MU	9	L15237-01	5/19/2009	Zn-65	-1.10E+01	2.10E+01	9.00E+01	
MU	9	L15237-01	5/19/2009	Zr-95	-5.00E+00	2.00E+01	8.00E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
MU	9	L15957-01	11/23/2009	AcTh-228	-9.00E+00	4.10E+01	1.80E+02	
MU	9	L15957-01	11/23/2009	Ag-108m	-1.20E+01	1.00E+01	4.50E+01	
MU	9	L15957-01	11/23/2009	Ag-110m	3.10E+01	1.90E+01	6.20E+01	
MU	9	L15957-01	11/23/2009	Ba-140	3.60E+01	2.50E+01	4.80E+01	
MU	9	L15957-01	11/23/2009	Be-7	8.00E+01	1.20E+02	4.20E+02	
MU	9	L15957-01	11/23/2009	Ce-141	1.00E+00	2.00E+01	7.40E+01	
MU	9	L15957-01	11/23/2009	Ce-144	-1.50E+01	5.90E+01	2.20E+02	
MU	9	L15957-01	11/23/2009	Co-57	-5.60E+00	6.30E+00	2.50E+01	
MU	9	L15957-01	11/23/2009	Co-58	6.00E+00	1.30E+01	5.10E+01	
MU	9	L15957-01	11/23/2009	Co-60	0.00E+00	0.00E+00	1.50E+01	
MU	9	L15957-01	11/23/2009	Cr-51	-2.50E+02	1.30E+02	5.80E+02	
MU	9	L15957-01	11/23/2009	Cs-134	-2.30E+00	8.50E+00	4.30E+01	
MU	9	L15957-01	11/23/2009	Cs-137	9.00E+00	1.40E+01	5.10E+01	
MU	9	L15957-01	11/23/2009	Fe-59	1.10E+01	4.20E+01	1.60E+02	
MU	9	L15957-01	11/23/2009	I-131	-2.90E+01	4.70E+01	1.90E+02	
MU	9	L15957-01	11/23/2009	K-40	9.80E+02	2.90E+02	6.90E+02	*
MU	9	L15957-01	11/23/2009	La-140	3.60E+01	2.50E+01	4.80E+01	
MU	9	L15957-01	11/23/2009	Mn-54	2.80E+01	1.30E+01	3.80E+01	
MU	9	L15957-01	11/23/2009	Nb-95	-2.10E+01	2.00E+01	8.60E+01	
MU	9	L15957-01	11/23/2009	Ru-103	7.00E+00	1.60E+01	6.10E+01	
MU	9	L15957-01	11/23/2009	Ru-106	-9.00E+01	1.30E+02	5.50E+02	
MU	9	L15957-01	11/23/2009	Sb-124	3.40E+01	4.10E+01	1.60E+02	
MU	9	L15957-01	11/23/2009	Sb-125	-2.90E+01	3.40E+01	1.40E+02	
MU	9	L15957-01	11/23/2009	Se-75	1.80E+01	1.50E+01	5.00E+01	
MU	9	L15957-01	11/23/2009	Zn-65	-3.90E+01	3.40E+01	1.50E+02	
MU	9	L15957-01	11/23/2009	Zr-95	-2.50E+01	3.10E+01	1.30E+02	
MU	56	L15236-02	5/19/2009	AcTh-228	1.40E+01	4.20E+01	1.60E+02	
MU	56	L15236-02	5/19/2009	Ag-108m	-3.30E+00	9.40E+00	3.60E+01	
MU	56	L15236-02	5/19/2009	Ag-110m	-8.00E+00	1.40E+01	6.10E+01	
MU	56	L15236-02	5/19/2009	Ba-140	-4.30E+01	3.80E+01	1.90E+02	
MU	56	L15236-02	5/19/2009	Be-7	2.80E+02	1.10E+02	3.20E+02	
MU	56	L15236-02	5/19/2009	Ce-141	2.10E+01	1.90E+01	6.40E+01	
MU	56	L15236-02	5/19/2009	Ce-144	4.00E+01	5.10E+01	1.80E+02	
MU	56	L15236-02	5/19/2009	Co-57	2.30E+00	6.00E+00	2.10E+01	
MU	56	L15236-02	5/19/2009	Co-58	5.00E+00	1.10E+01	4.10E+01	
MU	56	L15236-02	5/19/2009	Co-60	3.00E+00	1.10E+01	4.60E+01	
MU	56	L15236-02	5/19/2009	Cr-51	-1.00E+02	1.20E+02	4.80E+02	
MU	56	L15236-02	5/19/2009	Cs-134	-1.50E+00	8.20E+00	4.20E+01	
MU	56	L15236-02	5/19/2009	Cs-137	-5.10E+00	9.20E+00	3.90E+01	
MU	56	L15236-02	5/19/2009	Fe-59	-3.20E+01	2.00E+01	1.10E+02	
MU	56	L15236-02	5/19/2009	I-131	9.00E+00	4.90E+01	1.80E+02	
MU	56	L15236-02	5/19/2009	K-40	9.80E+02	2.70E+02	6.90E+02	*
MU	56	L15236-02	5/19/2009	La-140	-4.30E+01	3.80E+01	1.90E+02	
MU	56	L15236-02	5/19/2009	Mn-54	1.21E+01	8.40E+00	2.80E+01	
MU	56	L15236-02	5/19/2009	Nb-95	4.00E+01	1.70E+01	5.00E+01	
MU	56	L15236-02	5/19/2009	Ru-103	5.00E+00	1.10E+01	4.20E+01	
MU	56	L15236-02	5/19/2009	Ru-106	-1.44E+02	9.30E+01	4.10E+02	
MU	56	L15236-02	5/19/2009	Sb-124	0.00E+00	2.50E+01	1.20E+02	
MU	56	L15236-02	5/19/2009	Sb-125	-2.50E+01	2.80E+01	1.10E+02	
MU	56	L15236-02	5/19/2009	Se-75	6.20E+00	9.20E+00	3.30E+01	
MU	56	L15236-02	5/19/2009	Zn-65	-1.40E+01	2.50E+01	1.10E+02	
MU	56	L15236-02	5/19/2009	Zr-95	-1.00E+00	2.60E+01	1.00E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MU	59	L15237-02	5/18/2009	AcTh-228	7.40E+01	7.20E+01	2.50E+02
MU	59	L15237-02	5/18/2009	Ag-108m	0.00E+00	8.80E+00	3.60E+01
MU	59	L15237-02	5/18/2009	Ag-110m	3.40E+01	2.20E+01	7.20E+01
MU	59	L15237-02	5/18/2009	Ba-140	0.00E+00	0.00E+00	5.30E+01
MU	59	L15237-02	5/18/2009	Be-7	1.00E+02	1.10E+02	3.90E+02
MU	59	L15237-02	5/18/2009	Ce-141	1.60E+01	1.90E+01	6.80E+01
MU	59	L15237-02	5/18/2009	Ce-144	-1.26E+02	6.30E+01	2.70E+02
MU	59	L15237-02	5/18/2009	Co-57	-3.70E+00	8.80E+00	3.40E+01
MU	59	L15237-02	5/18/2009	Co-58	2.70E+01	1.50E+01	4.40E+01
MU	59	L15237-02	5/18/2009	Co-60	1.20E+01	1.70E+01	6.70E+01
MU	59	L15237-02	5/18/2009	Cr-51	1.80E+02	1.40E+02	4.90E+02
MU	59	L15237-02	5/18/2009	Cs-134	-1.10E+01	1.10E+01	6.40E+01
MU	59	L15237-02	5/18/2009	Cs-137	7.00E+00	1.10E+01	4.30E+01
MU	59	L15237-02	5/18/2009	Fe-59	0.00E+00	3.10E+01	1.40E+02
MU	59	L15237-02	5/18/2009	I-131	1.10E+01	4.70E+01	1.80E+02
MU	59	L15237-02	5/18/2009	K-40	4.60E+02	5.70E+02	2.00E+03
MU	59	L15237-02	5/18/2009	La-140	0.00E+00	0.00E+00	5.30E+01
MU	59	L15237-02	5/18/2009	Mn-54	-6.00E+00	1.30E+01	6.00E+01
MU	59	L15237-02	5/18/2009	Nb-95	-1.10E+01	2.00E+01	8.70E+01
MU	59	L15237-02	5/18/2009	Ru-103	1.70E+01	1.80E+01	6.30E+01
MU	59	L15237-02	5/18/2009	Ru-106	-1.10E+02	1.30E+02	5.60E+02
MU	59	L15237-02	5/18/2009	Sb-124	0.00E+00	2.90E+01	1.50E+02
MU	59	L15237-02	5/18/2009	Sb-125	5.10E+01	4.20E+01	1.40E+02
MU	59	L15237-02	5/18/2009	Se-75	1.30E+01	1.50E+01	5.40E+01
MU	59	L15237-02	5/18/2009	Zn-65	2.40E+01	2.90E+01	1.10E+02
MU	59	L15237-02	5/18/2009	Zr-95	3.20E+01	3.00E+01	1.10E+02
MU	59	L15957-0211/23/2009		AcTh-228	1.00E+01	5.10E+01	2.00E+02
MU	59	L15957-0211/23/2009		Ag-108m	-2.40E+01	1.30E+01	5.50E+01
MU	59	L15957-0211/23/2009		Ag-110m	-1.20E+01	1.70E+01	7.70E+01
MU	59	L15957-0211/23/2009		Ba-140	-4.50E+01	5.30E+01	2.40E+02
MU	59	L15957-0211/23/2009		Be-7	1.70E+02	1.30E+02	4.50E+02
MU	59	L15957-0211/23/2009		Ce-141	5.00E+00	2.20E+01	8.00E+01
MU	59	L15957-0211/23/2009		Ce-144	2.00E+00	7.40E+01	2.70E+02
MU	59	L15957-0211/23/2009		Co-57	-3.10E+00	8.50E+00	3.20E+01
MU	59	L15957-0211/23/2009		Co-58	-9.00E+00	1.60E+01	6.60E+01
MU	59	L15957-0211/23/2009		Co-60	-2.70E+01	1.40E+01	7.50E+01
MU	59	L15957-0211/23/2009		Cr-51	-5.00E+01	1.50E+02	5.70E+02
MU	59	L15957-0211/23/2009		Cs-134	0.00E+00	1.10E+01	4.40E+01
MU	59	L15957-0211/23/2009		Cs-137	-2.70E+01	1.50E+01	6.80E+01
MU	59	L15957-0211/23/2009		Fe-59	0.00E+00	3.00E+01	1.30E+02
MU	59	L15957-0211/23/2009		I-131	2.20E+01	5.50E+01	2.00E+02
MU	59	L15957-0211/23/2009		K-40	7.40E+02	2.50E+02	6.60E+02
MU	59	L15957-0211/23/2009		La-140	-4.50E+01	5.30E+01	2.40E+02
MU	59	L15957-0211/23/2009		Mn-54	-6.00E+00	1.70E+01	7.00E+01
MU	59	L15957-0211/23/2009		Nb-95	1.20E+01	1.60E+01	5.70E+01
MU	59	L15957-0211/23/2009		Ru-103	1.50E+01	1.50E+01	5.30E+01
MU	59	L15957-0211/23/2009		Ru-106	-3.00E+01	1.40E+02	5.50E+02
MU	59	L15957-0211/23/2009		Sb-124	8.10E+01	3.60E+01	4.40E+01
MU	59	L15957-0211/23/2009		Sb-125	0.00E+00	3.60E+01	1.40E+02
MU	59	L15957-0211/23/2009		Se-75	-8.00E+00	1.40E+01	5.60E+01
MU	59	L15957-0211/23/2009		Zn-65	-1.00E+01	3.40E+01	1.40E+02
MU	59	L15957-0211/23/2009		Zr-95	-6.00E+00	2.50E+01	1.10E+02

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	2	L15239-01	5/19/2009	AcTh-228	9.60E+02	2.00E+02	7.40E+02	*
SE	2	L15239-01	5/19/2009	Ag-108m	-1.60E+01	2.30E+01	9.40E+01	
SE	2	L15239-01	5/19/2009	Ag-110m	-7.20E+01	4.20E+01	2.00E+02	
SE	2	L15239-01	5/19/2009	Ba-140	-2.20E+02	2.30E+02	1.00E+03	
SE	2	L15239-01	5/19/2009	Be-7	-3.60E+02	2.80E+02	1.20E+03	
SE	2	L15239-01	5/19/2009	Ce-141	5.70E+01	6.60E+01	2.20E+02	
SE	2	L15239-01	5/19/2009	Ce-144	-2.90E+02	2.10E+02	7.80E+02	
SE	2	L15239-01	5/19/2009	Co-57	2.20E+01	2.60E+01	8.80E+01	
SE	2	L15239-01	5/19/2009	Co-58	0.00E+00	2.90E+01	1.20E+02	
SE	2	L15239-01	5/19/2009	Co-60	2.40E+01	3.70E+01	1.40E+02	
SE	2	L15239-01	5/19/2009	Cr-51	1.50E+02	3.40E+02	1.20E+03	
SE	2	L15239-01	5/19/2009	Cs-134	1.70E+01	2.30E+01	1.20E+02	
SE	2	L15239-01	5/19/2009	Cs-137	-4.80E+01	4.00E+01	1.70E+02	
SE	2	L15239-01	5/19/2009	Fe-59	-1.10E+02	7.10E+01	3.50E+02	
SE	2	L15239-01	5/19/2009	I-131	4.00E+01	1.40E+02	5.00E+02	
SE	2	L15239-01	5/19/2009	K-40	1.24E+04	1.30E+03	1.40E+03	*
SE	2	L15239-01	5/19/2009	La-140	-3.00E+01	1.50E+02	5.60E+02	
SE	2	L15239-01	5/19/2009	Mn-54	8.00E+00	3.00E+01	1.20E+02	
SE	2	L15239-01	5/19/2009	Nb-95	-7.50E+01	4.10E+01	1.90E+02	
SE	2	L15239-01	5/19/2009	Ru-103	1.60E+01	4.00E+01	1.50E+02	
SE	2	L15239-01	5/19/2009	Ru-106	5.00E+01	2.80E+02	1.10E+03	
SE	2	L15239-01	5/19/2009	Sb-124	1.42E+02	7.10E+01	9.60E+01	
SE	2	L15239-01	5/19/2009	Sb-125	-6.30E+01	6.30E+01	2.80E+02	
SE	2	L15239-01	5/19/2009	Se-75	-6.00E+01	3.60E+01	1.50E+02	
SE	2	L15239-01	5/19/2009	Zn-65	-1.00E+02	1.10E+02	4.60E+02	
SE	2	L15239-01	5/19/2009	Zr-95	2.80E+01	5.40E+01	2.10E+02	
SE	2	L15239-02	5/19/2009	AcTh-228	6.90E+02	1.80E+02	6.30E+02	*
SE	2	L15239-02	5/19/2009	Ag-108m	0.00E+00	2.80E+01	1.10E+02	
SE	2	L15239-02	5/19/2009	Ag-110m	5.00E+01	4.70E+01	1.60E+02	
SE	2	L15239-02	5/19/2009	Ba-140	-1.80E+02	2.10E+02	9.30E+02	
SE	2	L15239-02	5/19/2009	Be-7	-3.80E+02	3.30E+02	1.40E+03	
SE	2	L15239-02	5/19/2009	Ce-141	-5.90E+01	6.40E+01	2.40E+02	
SE	2	L15239-02	5/19/2009	Ce-144	5.00E+01	2.20E+02	7.60E+02	
SE	2	L15239-02	5/19/2009	Co-57	3.20E+01	2.70E+01	9.10E+01	
SE	2	L15239-02	5/19/2009	Co-58	-6.00E+01	3.90E+01	1.80E+02	
SE	2	L15239-02	5/19/2009	Co-60	3.50E+01	2.80E+01	9.40E+01	
SE	2	L15239-02	5/19/2009	Cr-51	-6.70E+02	4.10E+02	1.70E+03	
SE	2	L15239-02	5/19/2009	Cs-134	3.60E+01	3.50E+01	1.20E+02	
SE	2	L15239-02	5/19/2009	Cs-137	1.20E+01	4.00E+01	1.50E+02	
SE	2	L15239-02	5/19/2009	Fe-59	7.10E+01	8.60E+01	3.10E+02	
SE	2	L15239-02	5/19/2009	I-131	-7.00E+01	1.20E+02	4.90E+02	
SE	2	L15239-02	5/19/2009	K-40	1.30E+04	1.30E+03	1.50E+03	*
SE	2	L15239-02	5/19/2009	La-140	9.00E+01	1.50E+02	5.60E+02	
SE	2	L15239-02	5/19/2009	Mn-54	-9.00E+00	3.00E+01	1.30E+02	
SE	2	L15239-02	5/19/2009	Nb-95	0.00E+00	3.90E+01	1.60E+02	
SE	2	L15239-02	5/19/2009	Ru-103	-6.70E+01	4.90E+01	2.00E+02	
SE	2	L15239-02	5/19/2009	Ru-106	5.10E+02	2.90E+02	9.10E+02	
SE	2	L15239-02	5/19/2009	Sb-124	3.60E+01	3.60E+01	9.80E+01	
SE	2	L15239-02	5/19/2009	Sb-125	-1.52E+02	8.80E+01	3.80E+02	
SE	2	L15239-02	5/19/2009	Se-75	3.10E+01	3.60E+01	1.20E+02	
SE	2	L15239-02	5/19/2009	Zn-65	-1.00E+01	1.80E+02	6.60E+02	
SE	2	L15239-02	5/19/2009	Zr-95	-1.30E+01	6.60E+01	2.70E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	2	L15239-03	5/19/2009	AcTh-228	7.50E+02	1.70E+02	5.80E+02	*
SE	2	L15239-03	5/19/2009	Ag-108m	-5.00E+00	2.80E+01	1.10E+02	
SE	2	L15239-03	5/19/2009	Ag-110m	2.40E+01	3.80E+01	1.40E+02	
SE	2	L15239-03	5/19/2009	Ba-140	-2.20E+02	2.20E+02	9.60E+02	
SE	2	L15239-03	5/19/2009	Be-7	3.00E+02	3.10E+02	1.10E+03	
SE	2	L15239-03	5/19/2009	Ce-141	1.07E+02	6.00E+01	1.90E+02	
SE	2	L15239-03	5/19/2009	Ce-144	-3.00E+01	2.00E+02	7.20E+02	
SE	2	L15239-03	5/19/2009	Co-57	1.70E+01	2.60E+01	8.80E+01	
SE	2	L15239-03	5/19/2009	Co-58	-1.80E+01	3.40E+01	1.50E+02	
SE	2	L15239-03	5/19/2009	Co-60	1.20E+01	4.60E+01	1.80E+02	
SE	2	L15239-03	5/19/2009	Cr-51	1.00E+01	2.50E+02	9.70E+02	
SE	2	L15239-03	5/19/2009	Cs-134	6.00E+00	2.60E+01	1.30E+02	
SE	2	L15239-03	5/19/2009	Cs-137	-3.00E+00	3.40E+01	1.30E+02	
SE	2	L15239-03	5/19/2009	Fe-59	5.70E+01	8.00E+01	3.00E+02	
SE	2	L15239-03	5/19/2009	I-131	2.00E+01	1.20E+02	4.40E+02	
SE	2	L15239-03	5/19/2009	K-40	1.37E+04	1.30E+03	1.10E+03	*
SE	2	L15239-03	5/19/2009	La-140	1.10E+02	1.40E+02	5.00E+02	
SE	2	L15239-03	5/19/2009	Mn-54	-4.10E+01	3.00E+01	1.40E+02	
SE	2	L15239-03	5/19/2009	Nb-95	-5.20E+01	4.80E+01	2.00E+02	
SE	2	L15239-03	5/19/2009	Ru-103	-8.00E+00	3.20E+01	1.30E+02	
SE	2	L15239-03	5/19/2009	Ru-106	2.40E+02	1.90E+02	6.60E+02	
SE	2	L15239-03	5/19/2009	Sb-124	7.10E+01	5.00E+01	9.60E+01	
SE	2	L15239-03	5/19/2009	Sb-125	-7.90E+01	7.90E+01	3.30E+02	
SE	2	L15239-03	5/19/2009	Se-75	3.50E+01	3.40E+01	1.20E+02	
SE	2	L15239-03	5/19/2009	Zn-65	-1.20E+02	1.10E+02	4.40E+02	
SE	2	L15239-03	5/19/2009	Zr-95	4.80E+01	6.40E+01	2.30E+02	
SE	2	L15954-01	12/1/2009	AcTh-228	6.70E+02	1.30E+02	3.80E+02	*
SE	2	L15954-01	12/1/2009	Ag-108m	3.90E+01	2.50E+01	8.00E+01	
SE	2	L15954-01	12/1/2009	Ag-110m	4.50E+01	4.50E+01	1.60E+02	
SE	2	L15954-01	12/1/2009	Ba-140	3.30E+02	2.20E+02	7.40E+02	
SE	2	L15954-01	12/1/2009	Be-7	0.00E+00	2.90E+02	1.10E+03	
SE	2	L15954-01	12/1/2009	Ce-141	5.10E+01	5.40E+01	1.80E+02	
SE	2	L15954-01	12/1/2009	Ce-144	1.00E+01	1.70E+02	6.20E+02	
SE	2	L15954-01	12/1/2009	Co-57	-2.00E+00	1.80E+01	6.60E+01	
SE	2	L15954-01	12/1/2009	Co-58	1.50E+01	2.90E+01	1.10E+02	
SE	2	L15954-01	12/1/2009	Co-60	2.20E+01	3.80E+01	1.40E+02	
SE	2	L15954-01	12/1/2009	Cr-51	-1.30E+02	3.10E+02	1.20E+03	
SE	2	L15954-01	12/1/2009	Cs-134	2.60E+01	3.90E+01	1.40E+02	
SE	2	L15954-01	12/1/2009	Cs-137	-1.00E+01	3.10E+01	1.30E+02	
SE	2	L15954-01	12/1/2009	Fe-59	3.00E+00	8.60E+01	3.40E+02	
SE	2	L15954-01	12/1/2009	I-131	1.32E+02	8.40E+01	2.70E+02	
SE	2	L15954-01	12/1/2009	K-40	1.21E+04	1.20E+03	1.80E+03	*
SE	2	L15954-01	12/1/2009	La-140	-5.00E+01	1.10E+02	4.40E+02	
SE	2	L15954-01	12/1/2009	Mn-54	0.00E+00	3.60E+01	1.40E+02	
SE	2	L15954-01	12/1/2009	Nb-95	3.60E+01	3.70E+01	1.30E+02	
SE	2	L15954-01	12/1/2009	Ru-103	7.00E+00	3.40E+01	1.30E+02	
SE	2	L15954-01	12/1/2009	Ru-106	1.60E+02	2.90E+02	1.10E+03	
SE	2	L15954-01	12/1/2009	Sb-124	3.00E+00	4.40E+01	2.30E+02	
SE	2	L15954-01	12/1/2009	Sb-125	-5.90E+01	7.80E+01	3.20E+02	
SE	2	L15954-01	12/1/2009	Se-75	-3.60E+01	3.00E+01	1.20E+02	
SE	2	L15954-01	12/1/2009	Zn-65	2.20E+02	1.40E+02	4.70E+02	
SE	2	L15954-01	12/1/2009	Zr-95	-3.50E+01	6.40E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	2	L15954-02	12/1/2009	AcTh-228	1.65E+03	1.90E+02	1.80E+02	*
SE	2	L15954-02	12/1/2009	Ag-108m	-2.00E+01	3.10E+01	1.20E+02	
SE	2	L15954-02	12/1/2009	Ag-110m	3.40E+01	5.40E+01	2.00E+02	
SE	2	L15954-02	12/1/2009	Ba-140	5.70E+02	2.50E+02	7.60E+02	
SE	2	L15954-02	12/1/2009	Be-7	1.10E+02	2.80E+02	1.00E+03	
SE	2	L15954-02	12/1/2009	Ce-141	5.90E+01	6.80E+01	2.30E+02	
SE	2	L15954-02	12/1/2009	Ce-144	8.00E+01	1.90E+02	6.80E+02	
SE	2	L15954-02	12/1/2009	Co-57	1.00E+01	2.30E+01	8.20E+01	
SE	2	L15954-02	12/1/2009	Co-58	-1.20E+01	3.80E+01	1.50E+02	
SE	2	L15954-02	12/1/2009	Co-60	1.50E+01	3.10E+01	1.20E+02	
SE	2	L15954-02	12/1/2009	Cr-51	-4.50E+02	3.30E+02	1.30E+03	
SE	2	L15954-02	12/1/2009	Cs-134	1.40E+01	2.50E+01	1.30E+02	
SE	2	L15954-02	12/1/2009	Cs-137	1.00E+01	3.80E+01	1.40E+02	
SE	2	L15954-02	12/1/2009	Fe-59	0.00E+00	9.30E+01	3.60E+02	
SE	2	L15954-02	12/1/2009	I-131	5.00E+01	1.10E+02	3.90E+02	
SE	2	L15954-02	12/1/2009	K-40	1.41E+04	1.30E+03	1.30E+03	*
SE	2	L15954-02	12/1/2009	La-140	-7.00E+01	1.20E+02	4.90E+02	
SE	2	L15954-02	12/1/2009	Mn-54	-3.90E+01	2.20E+01	1.10E+02	
SE	2	L15954-02	12/1/2009	Nb-95	-1.90E+01	3.20E+01	1.40E+02	
SE	2	L15954-02	12/1/2009	Ru-103	-5.80E+01	3.90E+01	1.60E+02	
SE	2	L15954-02	12/1/2009	Ru-106	-1.00E+02	3.00E+02	1.20E+03	
SE	2	L15954-02	12/1/2009	Sb-124	0.00E+00	9.00E+01	3.80E+02	
SE	2	L15954-02	12/1/2009	Sb-125	1.50E+01	9.50E+01	3.50E+02	
SE	2	L15954-02	12/1/2009	Se-75	3.70E+01	4.60E+01	1.60E+02	
SE	2	L15954-02	12/1/2009	Zn-65	-1.80E+02	1.10E+02	4.60E+02	
SE	2	L15954-02	12/1/2009	Zr-95	7.00E+01	5.60E+01	1.90E+02	
SE	2	L15954-03	12/1/2009	AcTh-228	2.19E+03	1.80E+02	5.30E+02	*
SE	2	L15954-03	12/1/2009	Ag-108m	1.10E+01	3.10E+01	1.10E+02	
SE	2	L15954-03	12/1/2009	Ag-110m	0.00E+00	3.70E+01	1.40E+02	
SE	2	L15954-03	12/1/2009	Ba-140	3.70E+02	2.40E+02	7.80E+02	
SE	2	L15954-03	12/1/2009	Be-7	-3.60E+02	3.30E+02	1.30E+03	
SE	2	L15954-03	12/1/2009	Ce-141	-3.20E+01	7.00E+01	2.50E+02	
SE	2	L15954-03	12/1/2009	Ce-144	4.00E+02	2.50E+02	8.30E+02	
SE	2	L15954-03	12/1/2009	Co-57	1.10E+01	3.10E+01	1.10E+02	
SE	2	L15954-03	12/1/2009	Co-58	-1.70E+01	3.40E+01	1.30E+02	
SE	2	L15954-03	12/1/2009	Co-60	-1.30E+01	2.90E+01	1.20E+02	
SE	2	L15954-03	12/1/2009	Cr-51	7.70E+02	3.70E+02	1.20E+03	
SE	2	L15954-03	12/1/2009	Cs-134	8.30E+01	4.00E+01	1.40E+02	
SE	2	L15954-03	12/1/2009	Cs-137	-7.50E+01	3.60E+01	1.50E+02	
SE	2	L15954-03	12/1/2009	Fe-59	5.50E+01	6.60E+01	2.30E+02	
SE	2	L15954-03	12/1/2009	I-131	0.00E+00	1.20E+02	4.20E+02	
SE	2	L15954-03	12/1/2009	K-40	1.15E+04	9.70E+02	1.50E+03	*
SE	2	L15954-03	12/1/2009	La-140	1.50E+02	1.40E+02	4.90E+02	
SE	2	L15954-03	12/1/2009	Mn-54	-1.50E+01	2.50E+01	1.00E+02	
SE	2	L15954-03	12/1/2009	Nb-95	-1.60E+01	4.60E+01	1.70E+02	
SE	2	L15954-03	12/1/2009	Ru-103	-2.80E+01	4.00E+01	1.50E+02	
SE	2	L15954-03	12/1/2009	Ru-106	1.00E+02	3.20E+02	1.20E+03	
SE	2	L15954-03	12/1/2009	Sb-124	-4.80E+01	5.40E+01	2.60E+02	
SE	2	L15954-03	12/1/2009	Sb-125	-6.10E+01	8.70E+01	3.30E+02	
SE	2	L15954-03	12/1/2009	Se-75	4.00E+00	4.90E+01	1.70E+02	
SE	2	L15954-03	12/1/2009	Zn-65	-1.40E+02	1.40E+02	5.20E+02	
SE	2	L15954-03	12/1/2009	Zr-95	2.00E+01	7.60E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	7	L15239-04	5/19/2009	AcTh-228	3.20E+02	1.50E+02	4.50E+02	
SE	7	L15239-04	5/19/2009	Ag-108m	0.00E+00	2.50E+01	9.80E+01	
SE	7	L15239-04	5/19/2009	Ag-110m	-3.80E+01	3.80E+01	1.80E+02	
SE	7	L15239-04	5/19/2009	Ba-140	1.20E+02	1.90E+02	7.10E+02	
SE	7	L15239-04	5/19/2009	Be-7	1.30E+02	2.60E+02	9.70E+02	
SE	7	L15239-04	5/19/2009	Ce-141	0.00E+00	5.30E+01	1.90E+02	
SE	7	L15239-04	5/19/2009	Ce-144	2.50E+02	1.80E+02	6.00E+02	
SE	7	L15239-04	5/19/2009	Co-57	-1.40E+01	1.90E+01	7.30E+01	
SE	7	L15239-04	5/19/2009	Co-58	3.50E+01	3.40E+01	1.20E+02	
SE	7	L15239-04	5/19/2009	Co-60	1.80E+01	4.10E+01	1.60E+02	
SE	7	L15239-04	5/19/2009	Cr-51	1.20E+02	3.30E+02	1.20E+03	
SE	7	L15239-04	5/19/2009	Cs-134	-4.00E+00	2.30E+01	1.20E+02	
SE	7	L15239-04	5/19/2009	Cs-137	-5.40E+01	3.30E+01	1.50E+02	
SE	7	L15239-04	5/19/2009	Fe-59	9.70E+01	7.60E+01	2.60E+02	
SE	7	L15239-04	5/19/2009	I-131	-2.00E+01	1.20E+02	4.70E+02	
SE	7	L15239-04	5/19/2009	K-40	1.59E+04	1.50E+03	1.90E+03	*
SE	7	L15239-04	5/19/2009	La-140	3.00E+01	1.00E+02	4.00E+02	
SE	7	L15239-04	5/19/2009	Mn-54	-1.60E+01	3.10E+01	1.30E+02	
SE	7	L15239-04	5/19/2009	Nb-95	-1.20E+01	3.50E+01	1.50E+02	
SE	7	L15239-04	5/19/2009	Ru-103	-2.50E+01	2.80E+01	1.30E+02	
SE	7	L15239-04	5/19/2009	Ru-106	-4.60E+02	2.80E+02	1.30E+03	
SE	7	L15239-04	5/19/2009	Sb-124	0.00E+00	0.00E+00	9.90E+01	
SE	7	L15239-04	5/19/2009	Sb-125	-1.03E+02	7.30E+01	3.20E+02	
SE	7	L15239-04	5/19/2009	Se-75	2.20E+01	3.30E+01	1.20E+02	
SE	7	L15239-04	5/19/2009	Zn-65	0.00E+00	8.80E+01	3.50E+02	
SE	7	L15239-04	5/19/2009	Zr-95	2.80E+01	5.30E+01	2.10E+02	
SE	7	L15239-05	5/19/2009	AcTh-228	2.20E+02	1.30E+02	4.30E+02	
SE	7	L15239-05	5/19/2009	Ag-108m	1.00E+01	1.30E+01	4.80E+01	
SE	7	L15239-05	5/19/2009	Ag-110m	-1.20E+01	3.20E+01	1.50E+02	
SE	7	L15239-05	5/19/2009	Ba-140	1.70E+02	2.00E+02	7.30E+02	
SE	7	L15239-05	5/19/2009	Be-7	4.20E+02	2.90E+02	9.60E+02	
SE	7	L15239-05	5/19/2009	Ce-141	6.30E+01	4.80E+01	1.60E+02	
SE	7	L15239-05	5/19/2009	Ce-144	2.60E+02	1.50E+02	4.90E+02	
SE	7	L15239-05	5/19/2009	Co-57	-7.00E+00	1.60E+01	6.20E+01	
SE	7	L15239-05	5/19/2009	Co-58	-1.90E+01	2.60E+01	1.20E+02	
SE	7	L15239-05	5/19/2009	Co-60	6.00E+01	4.30E+01	1.40E+02	
SE	7	L15239-05	5/19/2009	Cr-51	2.60E+02	2.50E+02	8.80E+02	
SE	7	L15239-05	5/19/2009	Cs-134	-2.10E+01	1.90E+01	1.20E+02	
SE	7	L15239-05	5/19/2009	Cs-137	1.00E+01	2.60E+01	1.00E+02	
SE	7	L15239-05	5/19/2009	Fe-59	-6.70E+01	8.60E+01	3.80E+02	
SE	7	L15239-05	5/19/2009	I-131	-6.00E+01	1.00E+02	4.20E+02	
SE	7	L15239-05	5/19/2009	K-40	1.59E+04	1.40E+03	1.40E+03	*
SE	7	L15239-05	5/19/2009	La-140	1.40E+02	1.20E+02	4.00E+02	
SE	7	L15239-05	5/19/2009	Mn-54	8.00E+00	2.50E+01	1.00E+02	
SE	7	L15239-05	5/19/2009	Nb-95	-3.00E+01	3.60E+01	1.60E+02	
SE	7	L15239-05	5/19/2009	Ru-103	-1.60E+01	3.40E+01	1.40E+02	
SE	7	L15239-05	5/19/2009	Ru-106	3.00E+02	2.30E+02	7.80E+02	
SE	7	L15239-05	5/19/2009	Sb-124	7.10E+01	5.10E+01	9.70E+01	
SE	7	L15239-05	5/19/2009	Sb-125	-1.60E+01	4.80E+01	2.10E+02	
SE	7	L15239-05	5/19/2009	Se-75	-2.00E+00	2.20E+01	9.00E+01	
SE	7	L15239-05	5/19/2009	Zn-65	8.00E+00	7.40E+01	3.00E+02	
SE	7	L15239-05	5/19/2009	Zr-95	-5.20E+01	4.10E+01	2.10E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	7	L15239-06	5/19/2009	AcTh-228	3.50E+02	1.60E+02	4.70E+02	
SE	7	L15239-06	5/19/2009	Ag-108m	-2.80E+01	2.50E+01	1.10E+02	
SE	7	L15239-06	5/19/2009	Ag-110m	-1.30E+01	4.60E+01	1.90E+02	
SE	7	L15239-06	5/19/2009	Ba-140	4.10E+02	2.00E+02	5.50E+02	
SE	7	L15239-06	5/19/2009	Be-7	2.60E+02	2.70E+02	9.70E+02	
SE	7	L15239-06	5/19/2009	Ce-141	4.60E+01	5.00E+01	1.70E+02	
SE	7	L15239-06	5/19/2009	Ce-144	2.00E+01	1.50E+02	5.50E+02	
SE	7	L15239-06	5/19/2009	Co-57	-9.00E+00	1.90E+01	7.30E+01	
SE	7	L15239-06	5/19/2009	Co-58	-4.00E+01	2.60E+01	1.30E+02	
SE	7	L15239-06	5/19/2009	Co-60	-4.10E+01	2.40E+01	1.40E+02	
SE	7	L15239-06	5/19/2009	Cr-51	1.80E+02	2.80E+02	1.00E+03	
SE	7	L15239-06	5/19/2009	Cs-134	2.60E+01	2.00E+01	9.70E+01	
SE	7	L15239-06	5/19/2009	Cs-137	-3.30E+01	2.70E+01	1.30E+02	
SE	7	L15239-06	5/19/2009	Fe-59	-1.20E+02	8.00E+01	3.80E+02	
SE	7	L15239-06	5/19/2009	I-131	-7.00E+01	1.00E+02	4.20E+02	
SE	7	L15239-06	5/19/2009	K-40	1.98E+04	1.60E+03	1.30E+03	*
SE	7	L15239-06	5/19/2009	La-140	-1.50E+02	1.10E+02	5.00E+02	
SE	7	L15239-06	5/19/2009	Mn-54	-1.90E+01	2.70E+01	1.20E+02	
SE	7	L15239-06	5/19/2009	Nb-95	1.00E+01	3.90E+01	1.50E+02	
SE	7	L15239-06	5/19/2009	Ru-103	-8.00E+00	3.00E+01	1.30E+02	
SE	7	L15239-06	5/19/2009	Ru-106	-2.80E+02	2.30E+02	1.10E+03	
SE	7	L15239-06	5/19/2009	Sb-124	-1.09E+02	6.30E+01	3.90E+02	
SE	7	L15239-06	5/19/2009	Sb-125	-1.70E+01	8.20E+01	3.20E+02	
SE	7	L15239-06	5/19/2009	Se-75	1.40E+01	3.00E+01	1.10E+02	
SE	7	L15239-06	5/19/2009	Zn-65	-8.70E+01	8.70E+01	3.80E+02	
SE	7	L15239-06	5/19/2009	Zr-95	6.10E+01	5.80E+01	2.00E+02	
SE	7	L15954-04	11/23/2009	AcTh-228	0.00E+00	1.70E+02	6.00E+02	
SE	7	L15954-04	11/23/2009	Ag-108m	4.00E+00	2.20E+01	7.90E+01	
SE	7	L15954-04	11/23/2009	Ag-110m	3.40E+01	3.00E+01	1.00E+02	
SE	7	L15954-04	11/23/2009	Ba-140	-3.20E+02	2.50E+02	1.10E+03	
SE	7	L15954-04	11/23/2009	Be-7	-2.30E+02	2.40E+02	9.50E+02	
SE	7	L15954-04	11/23/2009	Ce-141	-9.10E+01	4.60E+01	1.80E+02	
SE	7	L15954-04	11/23/2009	Ce-144	-6.00E+01	1.20E+02	4.60E+02	
SE	7	L15954-04	11/23/2009	Co-57	2.60E+01	1.70E+01	5.70E+01	
SE	7	L15954-04	11/23/2009	Co-58	-4.40E+01	2.60E+01	1.10E+02	
SE	7	L15954-04	11/23/2009	Co-60	0.00E+00	2.30E+01	9.20E+01	
SE	7	L15954-04	11/23/2009	Cr-51	9.00E+01	2.70E+02	9.80E+02	
SE	7	L15954-04	11/23/2009	Cs-134	-4.00E+00	1.90E+01	7.80E+01	
SE	7	L15954-04	11/23/2009	Cs-137	1.80E+01	2.40E+01	8.60E+01	
SE	7	L15954-04	11/23/2009	Fe-59	1.00E+01	6.80E+01	2.60E+02	
SE	7	L15954-04	11/23/2009	I-131	-2.00E+01	1.50E+02	5.60E+02	
SE	7	L15954-04	11/23/2009	K-40	1.94E+04	1.10E+03	9.20E+02	*
SE	7	L15954-04	11/23/2009	La-140	0.00E+00	1.30E+02	5.00E+02	
SE	7	L15954-04	11/23/2009	Mn-54	2.80E+01	2.40E+01	8.20E+01	
SE	7	L15954-04	11/23/2009	Nb-95	7.00E+00	3.50E+01	1.30E+02	
SE	7	L15954-04	11/23/2009	Ru-103	-3.30E+01	2.80E+01	1.20E+02	
SE	7	L15954-04	11/23/2009	Ru-106	-3.00E+02	1.80E+02	8.10E+02	
SE	7	L15954-04	11/23/2009	Sb-124	-7.00E+01	3.50E+01	2.20E+02	
SE	7	L15954-04	11/23/2009	Sb-125	-3.30E+01	6.90E+01	2.60E+02	
SE	7	L15954-04	11/23/2009	Se-75	5.30E+01	3.10E+01	9.90E+01	
SE	7	L15954-04	11/23/2009	Zn-65	2.40E+02	1.10E+02	3.40E+02	
SE	7	L15954-04	11/23/2009	Zr-95	0.00E+00	5.20E+01	2.00E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	7	L15954-0511	23/2009	AcTh-228	4.10E+02	1.60E+02	4.70E+02	
SE	7	L15954-0511	23/2009	Ag-108m	-1.00E+01	1.90E+01	8.00E+01	
SE	7	L15954-0511	23/2009	Ag-110m	-3.40E+01	4.10E+01	1.80E+02	
SE	7	L15954-0511	23/2009	Ba-140	-2.20E+02	2.60E+02	1.20E+03	
SE	7	L15954-0511	23/2009	Be-7	2.40E+02	2.60E+02	9.10E+02	
SE	7	L15954-0511	23/2009	Ce-141	1.40E+01	5.10E+01	1.80E+02	
SE	7	L15954-0511	23/2009	Ce-144	3.60E+02	1.70E+02	5.20E+02	
SE	7	L15954-0511	23/2009	Co-57	2.20E+01	1.70E+01	5.80E+01	
SE	7	L15954-0511	23/2009	Co-58	-6.00E+00	3.80E+01	1.50E+02	
SE	7	L15954-0511	23/2009	Co-60	2.20E+01	4.40E+01	1.70E+02	
SE	7	L15954-0511	23/2009	Cr-51	1.10E+02	1.90E+02	7.20E+02	
SE	7	L15954-0511	23/2009	Cs-134	4.00E+00	2.20E+01	1.20E+02	
SE	7	L15954-0511	23/2009	Cs-137	4.20E+01	2.10E+01	5.70E+01	
SE	7	L15954-0511	23/2009	Fe-59	5.00E+01	1.00E+02	3.80E+02	
SE	7	L15954-0511	23/2009	I-131	1.10E+02	1.60E+02	5.90E+02	
SE	7	L15954-0511	23/2009	K-40	1.81E+04	1.40E+03	1.00E+03	*
SE	7	L15954-0511	23/2009	La-140	-1.80E+02	1.30E+02	6.10E+02	
SE	7	L15954-0511	23/2009	Mn-54	3.10E+01	3.50E+01	1.20E+02	
SE	7	L15954-0511	23/2009	Nb-95	2.10E+01	4.00E+01	1.50E+02	
SE	7	L15954-0511	23/2009	Ru-103	4.10E+01	3.40E+01	1.20E+02	
SE	7	L15954-0511	23/2009	Ru-106	-3.20E+02	3.30E+02	1.30E+03	
SE	7	L15954-0511	23/2009	Sb-124	7.10E+01	5.00E+01	9.60E+01	
SE	7	L15954-0511	23/2009	Sb-125	5.90E+01	6.60E+01	2.40E+02	
SE	7	L15954-0511	23/2009	Se-75	3.00E+00	3.20E+01	1.20E+02	
SE	7	L15954-0511	23/2009	Zn-65	8.50E+01	8.60E+01	3.00E+02	
SE	7	L15954-0511	23/2009	Zr-95	3.00E+01	5.80E+01	2.20E+02	
SE	7	L15954-0611	23/2009	AcTh-228	1.50E+02	1.40E+02	4.70E+02	
SE	7	L15954-0611	23/2009	Ag-108m	2.60E+01	2.30E+01	7.80E+01	
SE	7	L15954-0611	23/2009	Ag-110m	0.00E+00	4.50E+01	1.80E+02	
SE	7	L15954-0611	23/2009	Ba-140	-3.10E+02	3.10E+02	1.30E+03	
SE	7	L15954-0611	23/2009	Be-7	2.00E+02	2.50E+02	9.20E+02	
SE	7	L15954-0611	23/2009	Ce-141	1.10E+01	5.90E+01	2.10E+02	
SE	7	L15954-0611	23/2009	Ce-144	3.00E+01	1.30E+02	4.60E+02	
SE	7	L15954-0611	23/2009	Co-57	-3.30E+01	1.70E+01	7.10E+01	
SE	7	L15954-0611	23/2009	Co-58	4.50E+01	3.40E+01	1.20E+02	
SE	7	L15954-0611	23/2009	Co-60	-5.10E+01	2.30E+01	1.40E+02	
SE	7	L15954-0611	23/2009	Cr-51	1.20E+02	2.90E+02	1.10E+03	
SE	7	L15954-0611	23/2009	Cs-134	-2.30E+01	2.40E+01	1.30E+02	
SE	7	L15954-0611	23/2009	Cs-137	8.00E+00	3.10E+01	1.20E+02	
SE	7	L15954-0611	23/2009	Fe-59	0.00E+00	7.00E+01	3.00E+02	
SE	7	L15954-0611	23/2009	I-131	-4.00E+01	1.60E+02	6.50E+02	
SE	7	L15954-0611	23/2009	K-40	1.91E+04	1.50E+03	1.70E+03	*
SE	7	L15954-0611	23/2009	La-140	-1.60E+02	1.50E+02	6.50E+02	
SE	7	L15954-0611	23/2009	Mn-54	4.70E+01	3.20E+01	1.10E+02	
SE	7	L15954-0611	23/2009	Nb-95	7.10E+01	5.30E+01	1.80E+02	
SE	7	L15954-0611	23/2009	Ru-103	3.50E+01	3.50E+01	1.20E+02	
SE	7	L15954-0611	23/2009	Ru-106	1.60E+02	3.30E+02	1.20E+03	
SE	7	L15954-0611	23/2009	Sb-124	7.30E+01	5.10E+01	9.80E+01	
SE	7	L15954-0611	23/2009	Sb-125	-8.00E+01	6.60E+01	2.90E+02	
SE	7	L15954-0611	23/2009	Se-75	2.40E+01	3.40E+01	1.20E+02	
SE	7	L15954-0611	23/2009	Zn-65	2.10E+01	7.50E+01	2.90E+02	
SE	7	L15954-0611	23/2009	Zr-95	-2.00E+00	5.70E+01	2.30E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	8	L15239-07	5/19/2009	AcTh-228	2.70E+02	1.20E+02	3.10E+02	
SE	8	L15239-07	5/19/2009	Ag-108m	3.10E+01	2.10E+01	6.70E+01	
SE	8	L15239-07	5/19/2009	Ag-110m	-1.20E+01	3.20E+01	1.40E+02	
SE	8	L15239-07	5/19/2009	Ba-140	-2.70E+02	2.00E+02	9.20E+02	
SE	8	L15239-07	5/19/2009	Be-7	3.60E+02	2.40E+02	7.80E+02	
SE	8	L15239-07	5/19/2009	Ce-141	5.90E+01	5.20E+01	1.80E+02	
SE	8	L15239-07	5/19/2009	Ce-144	5.00E+01	1.40E+02	5.10E+02	
SE	8	L15239-07	5/19/2009	Co-57	-7.00E+00	2.00E+01	7.30E+01	
SE	8	L15239-07	5/19/2009	Co-58	0.00E+00	2.90E+01	1.20E+02	
SE	8	L15239-07	5/19/2009	Co-60	0.00E+00	3.30E+01	1.40E+02	
SE	8	L15239-07	5/19/2009	Cr-51	-5.00E+01	2.40E+02	9.70E+02	
SE	8	L15239-07	5/19/2009	Cs-134	1.20E+01	2.30E+01	1.10E+02	
SE	8	L15239-07	5/19/2009	Cs-137	5.00E+01	2.90E+01	9.00E+01	
SE	8	L15239-07	5/19/2009	Fe-59	-6.60E+01	8.50E+01	3.70E+02	
SE	8	L15239-07	5/19/2009	I-131	1.48E+02	9.20E+01	3.00E+02	
SE	8	L15239-07	5/19/2009	K-40	1.96E+04	1.60E+03	1.40E+03	*
SE	8	L15239-07	5/19/2009	La-140	1.10E+02	1.00E+02	3.60E+02	
SE	8	L15239-07	5/19/2009	Mn-54	1.60E+01	2.60E+01	9.90E+01	
SE	8	L15239-07	5/19/2009	Nb-95	2.30E+01	2.40E+01	8.90E+01	
SE	8	L15239-07	5/19/2009	Ru-103	-8.00E+00	3.20E+01	1.30E+02	
SE	8	L15239-07	5/19/2009	Ru-106	-2.40E+02	3.00E+02	1.30E+03	
SE	8	L15239-07	5/19/2009	Sb-124	-3.90E+01	3.90E+01	2.70E+02	
SE	8	L15239-07	5/19/2009	Sb-125	7.90E+01	6.50E+01	2.20E+02	
SE	8	L15239-07	5/19/2009	Se-75	6.00E+01	3.30E+01	1.10E+02	
SE	8	L15239-07	5/19/2009	Zn-65	3.00E+00	8.50E+01	3.40E+02	
SE	8	L15239-07	5/19/2009	Zr-95	-3.40E+01	4.80E+01	2.20E+02	
SE	8	L15239-08	5/19/2009	AcTh-228	2.30E+02	1.30E+02	4.10E+02	
SE	8	L15239-08	5/19/2009	Ag-108m	-6.00E+00	2.00E+01	8.40E+01	
SE	8	L15239-08	5/19/2009	Ag-110m	7.60E+01	4.80E+01	1.50E+02	
SE	8	L15239-08	5/19/2009	Ba-140	3.60E+02	2.10E+02	6.40E+02	
SE	8	L15239-08	5/19/2009	Be-7	-6.00E+01	2.50E+02	1.00E+03	
SE	8	L15239-08	5/19/2009	Ce-141	-1.20E+01	5.30E+01	2.00E+02	
SE	8	L15239-08	5/19/2009	Ce-144	1.30E+02	1.70E+02	5.90E+02	
SE	8	L15239-08	5/19/2009	Co-57	1.10E+01	1.90E+01	6.80E+01	
SE	8	L15239-08	5/19/2009	Co-58	-2.00E+01	3.30E+01	1.40E+02	
SE	8	L15239-08	5/19/2009	Co-60	2.30E+01	2.50E+01	9.60E+01	
SE	8	L15239-08	5/19/2009	Cr-51	0.00E+00	3.00E+02	1.20E+03	
SE	8	L15239-08	5/19/2009	Cs-134	1.30E+01	1.90E+01	9.80E+01	
SE	8	L15239-08	5/19/2009	Cs-137	4.40E+01	3.20E+01	1.10E+02	
SE	8	L15239-08	5/19/2009	Fe-59	-7.20E+01	8.70E+01	3.80E+02	
SE	8	L15239-08	5/19/2009	I-131	2.00E+01	1.00E+02	3.90E+02	
SE	8	L15239-08	5/19/2009	K-40	1.69E+04	1.50E+03	1.30E+03	*
SE	8	L15239-08	5/19/2009	La-140	1.20E+02	1.10E+02	4.00E+02	
SE	8	L15239-08	5/19/2009	Mn-54	7.00E+00	2.80E+01	1.10E+02	
SE	8	L15239-08	5/19/2009	Nb-95	3.00E+01	3.90E+01	1.40E+02	
SE	8	L15239-08	5/19/2009	Ru-103	-5.10E+01	2.90E+01	1.40E+02	
SE	8	L15239-08	5/19/2009	Ru-106	-8.00E+01	2.90E+02	1.20E+03	
SE	8	L15239-08	5/19/2009	Sb-124	-7.30E+01	5.20E+01	3.40E+02	
SE	8	L15239-08	5/19/2009	Sb-125	5.10E+01	7.10E+01	2.60E+02	
SE	8	L15239-08	5/19/2009	Se-75	-8.00E+00	3.00E+01	1.20E+02	
SE	8	L15239-08	5/19/2009	Zn-65	2.20E+01	7.90E+01	3.10E+02	
SE	8	L15239-08	5/19/2009	Zr-95	1.10E+01	5.00E+01	2.10E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	8	L15239-09	5/19/2009	AcTh-228	3.00E+01	1.20E+02	4.60E+02	
SE	8	L15239-09	5/19/2009	Ag-108m	1.00E+01	2.50E+01	9.10E+01	
SE	8	L15239-09	5/19/2009	Ag-110m	3.70E+01	3.70E+01	1.30E+02	
SE	8	L15239-09	5/19/2009	Ba-140	1.10E+02	1.60E+02	6.10E+02	
SE	8	L15239-09	5/19/2009	Be-7	-6.00E+01	2.40E+02	9.70E+02	
SE	8	L15239-09	5/19/2009	Ce-141	3.20E+01	4.60E+01	1.60E+02	
SE	8	L15239-09	5/19/2009	Ce-144	-1.30E+02	1.50E+02	5.70E+02	
SE	8	L15239-09	5/19/2009	Co-57	-2.10E+01	1.70E+01	6.70E+01	
SE	8	L15239-09	5/19/2009	Co-58	2.80E+01	3.60E+01	1.30E+02	
SE	8	L15239-09	5/19/2009	Co-60	1.20E+01	2.70E+01	1.10E+02	
SE	8	L15239-09	5/19/2009	Cr-51	4.50E+02	2.80E+02	9.30E+02	
SE	8	L15239-09	5/19/2009	Cs-134	-1.40E+01	1.80E+01	1.00E+02	
SE	8	L15239-09	5/19/2009	Cs-137	1.70E+01	3.00E+01	1.10E+02	
SE	8	L15239-09	5/19/2009	Fe-59	1.32E+02	8.40E+01	2.70E+02	
SE	8	L15239-09	5/19/2009	I-131	-9.00E+01	1.10E+02	4.40E+02	
SE	8	L15239-09	5/19/2009	K-40	1.57E+04	1.40E+03	1.60E+03	*
SE	8	L15239-09	5/19/2009	La-140	-5.70E+01	9.90E+01	4.30E+02	
SE	8	L15239-09	5/19/2009	Mn-54	8.00E+00	2.80E+01	1.10E+02	
SE	8	L15239-09	5/19/2009	Nb-95	-1.00E+00	3.60E+01	1.50E+02	
SE	8	L15239-09	5/19/2009	Ru-103	-3.20E+01	2.80E+01	1.30E+02	
SE	8	L15239-09	5/19/2009	Ru-106	-1.20E+02	2.20E+02	9.60E+02	
SE	8	L15239-09	5/19/2009	Sb-124	-4.00E+00	5.40E+01	2.80E+02	
SE	8	L15239-09	5/19/2009	Sb-125	0.00E+00	6.00E+01	2.40E+02	
SE	8	L15239-09	5/19/2009	Se-75	-1.10E+01	2.50E+01	1.00E+02	
SE	8	L15239-09	5/19/2009	Zn-65	-3.50E+01	6.80E+01	3.00E+02	
SE	8	L15239-09	5/19/2009	Zr-95	-1.60E+01	5.60E+01	2.40E+02	
SE	8	L15954-0711/23/2009		AcTh-228	2.60E+02	1.10E+02	3.30E+02	
SE	8	L15954-0711/23/2009		Ag-108m	-1.60E+01	2.00E+01	8.00E+01	
SE	8	L15954-0711/23/2009		Ag-110m	7.00E+00	3.70E+01	1.40E+02	
SE	8	L15954-0711/23/2009		Ba-140	-1.60E+02	2.80E+02	1.10E+03	
SE	8	L15954-0711/23/2009		Be-7	-4.40E+02	2.70E+02	1.10E+03	
SE	8	L15954-0711/23/2009		Ce-141	2.40E+01	5.10E+01	1.80E+02	
SE	8	L15954-0711/23/2009		Ce-144	-2.00E+01	1.50E+02	5.30E+02	
SE	8	L15954-0711/23/2009		Co-57	-2.40E+01	1.80E+01	7.00E+01	
SE	8	L15954-0711/23/2009		Co-58	6.00E+00	2.60E+01	1.00E+02	
SE	8	L15954-0711/23/2009		Co-60	1.30E+01	2.70E+01	1.00E+02	
SE	8	L15954-0711/23/2009		Cr-51	1.40E+02	3.50E+02	1.30E+03	
SE	8	L15954-0711/23/2009		Cs-134	-1.10E+01	2.20E+01	1.20E+02	
SE	8	L15954-0711/23/2009		Cs-137	-2.20E+01	2.10E+01	9.10E+01	
SE	8	L15954-0711/23/2009		Fe-59	-5.10E+01	7.30E+01	3.00E+02	
SE	8	L15954-0711/23/2009		I-131	-1.80E+02	1.50E+02	6.00E+02	
SE	8	L15954-0711/23/2009		K-40	2.23E+04	1.20E+03	9.20E+02	*
SE	8	L15954-0711/23/2009		La-140	1.50E+02	1.30E+02	4.30E+02	
SE	8	L15954-0711/23/2009		Mn-54	2.10E+01	2.50E+01	8.90E+01	
SE	8	L15954-0711/23/2009		Nb-95	-3.30E+01	3.70E+01	1.50E+02	
SE	8	L15954-0711/23/2009		Ru-103	2.80E+01	3.60E+01	1.30E+02	
SE	8	L15954-0711/23/2009		Ru-106	-2.50E+02	2.10E+02	8.80E+02	
SE	8	L15954-0711/23/2009		Sb-124	4.30E+01	4.10E+01	1.50E+02	
SE	8	L15954-0711/23/2009		Sb-125	-1.30E+01	6.10E+01	2.30E+02	
SE	8	L15954-0711/23/2009		Se-75	9.00E+00	3.30E+01	1.20E+02	
SE	8	L15954-0711/23/2009		Zn-65	-1.20E+02	7.00E+01	3.00E+02	
SE	8	L15954-0711/23/2009		Zr-95	3.20E+01	5.50E+01	2.00E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	8	L15954-0811	23/2009	AcTh-228	5.10E+02	1.10E+02	3.70E+02	*
SE	8	L15954-0811	23/2009	Ag-108m	1.00E+01	1.80E+01	6.50E+01	
SE	8	L15954-0811	23/2009	Ag-110m	-1.40E+01	3.50E+01	1.40E+02	
SE	8	L15954-0811	23/2009	Ba-140	-6.00E+01	2.40E+02	9.50E+02	
SE	8	L15954-0811	23/2009	Be-7	2.50E+02	2.30E+02	7.70E+02	
SE	8	L15954-0811	23/2009	Ce-141	4.70E+01	4.80E+01	1.60E+02	
SE	8	L15954-0811	23/2009	Ce-144	-1.00E+01	1.40E+02	4.90E+02	
SE	8	L15954-0811	23/2009	Co-57	-1.60E+01	1.80E+01	6.60E+01	
SE	8	L15954-0811	23/2009	Co-58	-2.20E+01	2.30E+01	1.00E+02	
SE	8	L15954-0811	23/2009	Co-60	-6.00E+00	1.80E+01	8.00E+01	
SE	8	L15954-0811	23/2009	Cr-51	-1.30E+02	2.80E+02	1.10E+03	
SE	8	L15954-0811	23/2009	Cs-134	1.70E+01	1.60E+01	7.80E+01	
SE	8	L15954-0811	23/2009	Cs-137	-1.50E+01	1.90E+01	8.10E+01	
SE	8	L15954-0811	23/2009	Fe-59	1.58E+02	8.40E+01	2.70E+02	
SE	8	L15954-0811	23/2009	I-131	-2.00E+01	1.40E+02	5.20E+02	
SE	8	L15954-0811	23/2009	K-40	2.36E+04	1.20E+03	8.30E+02	*
SE	8	L15954-0811	23/2009	La-140	-1.20E+02	1.30E+02	5.20E+02	
SE	8	L15954-0811	23/2009	Mn-54	-3.80E+01	2.10E+01	9.40E+01	
SE	8	L15954-0811	23/2009	Nb-95	1.30E+01	3.10E+01	1.20E+02	
SE	8	L15954-0811	23/2009	Ru-103	1.60E+01	2.30E+01	8.30E+01	
SE	8	L15954-0811	23/2009	Ru-106	-2.20E+02	2.00E+02	8.30E+02	
SE	8	L15954-0811	23/2009	Sb-124	2.20E+01	4.10E+01	1.70E+02	
SE	8	L15954-0811	23/2009	Sb-125	9.60E+01	6.70E+01	2.20E+02	
SE	8	L15954-0811	23/2009	Se-75	-4.00E+00	3.20E+01	1.20E+02	
SE	8	L15954-0811	23/2009	Zn-65	-8.20E+01	6.80E+01	2.80E+02	
SE	8	L15954-0811	23/2009	Zr-95	6.80E+01	4.50E+01	1.50E+02	
SE	8	L15954-0911	23/2009	AcTh-228	3.50E+02	1.40E+02	4.20E+02	
SE	8	L15954-0911	23/2009	Ag-108m	1.40E+01	1.90E+01	6.80E+01	
SE	8	L15954-0911	23/2009	Ag-110m	1.10E+01	3.80E+01	1.50E+02	
SE	8	L15954-0911	23/2009	Ba-140	3.60E+02	3.20E+02	1.10E+03	
SE	8	L15954-0911	23/2009	Be-7	2.40E+02	2.90E+02	1.00E+03	
SE	8	L15954-0911	23/2009	Ce-141	1.70E+01	5.30E+01	1.90E+02	
SE	8	L15954-0911	23/2009	Ce-144	1.00E+01	1.60E+02	5.70E+02	
SE	8	L15954-0911	23/2009	Co-57	-4.00E+00	1.60E+01	6.00E+01	
SE	8	L15954-0911	23/2009	Co-58	3.10E+01	2.60E+01	9.20E+01	
SE	8	L15954-0911	23/2009	Co-60	-3.30E+01	3.30E+01	1.60E+02	
SE	8	L15954-0911	23/2009	Cr-51	-1.50E+02	2.80E+02	1.10E+03	
SE	8	L15954-0911	23/2009	Cs-134	1.10E+01	1.80E+01	9.20E+01	
SE	8	L15954-0911	23/2009	Cs-137	-2.00E+00	3.20E+01	1.30E+02	
SE	8	L15954-0911	23/2009	Fe-59	-1.20E+02	1.00E+02	4.50E+02	
SE	8	L15954-0911	23/2009	I-131	-6.00E+01	1.50E+02	6.10E+02	
SE	8	L15954-0911	23/2009	K-40	2.19E+04	1.60E+03	1.40E+03	*
SE	8	L15954-0911	23/2009	La-140	-7.00E+01	1.70E+02	6.90E+02	
SE	8	L15954-0911	23/2009	Mn-54	-2.30E+01	3.40E+01	1.40E+02	
SE	8	L15954-0911	23/2009	Nb-95	4.00E+00	4.70E+01	1.80E+02	
SE	8	L15954-0911	23/2009	Ru-103	3.30E+01	2.60E+01	8.80E+01	
SE	8	L15954-0911	23/2009	Ru-106	-1.10E+02	2.00E+02	8.90E+02	
SE	8	L15954-0911	23/2009	Sb-124	3.60E+01	3.60E+01	9.60E+01	
SE	8	L15954-0911	23/2009	Sb-125	-1.50E+01	5.30E+01	2.20E+02	
SE	8	L15954-0911	23/2009	Se-75	-6.00E+00	2.80E+01	1.10E+02	
SE	8	L15954-0911	23/2009	Zn-65	-2.14E+02	9.50E+01	4.30E+02	
SE	8	L15954-0911	23/2009	Zr-95	1.20E+01	5.20E+01	2.10E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	52	L15239-10	5/19/2009	AcTh-228	2.65E+03	1.30E+02	4.00E+02	*
SE	52	L15239-10	5/19/2009	Ag-108m	2.40E+01	2.40E+01	7.90E+01	
SE	52	L15239-10	5/19/2009	Ag-110m	9.00E+00	3.30E+01	1.20E+02	
SE	52	L15239-10	5/19/2009	Ba-140	5.40E+01	7.10E+01	2.50E+02	
SE	52	L15239-10	5/19/2009	Be-7	9.00E+01	2.70E+02	9.20E+02	
SE	52	L15239-10	5/19/2009	Ce-141	2.90E+01	6.20E+01	2.10E+02	
SE	52	L15239-10	5/19/2009	Ce-144	1.00E+01	1.90E+02	6.50E+02	
SE	52	L15239-10	5/19/2009	Co-57	-1.00E+01	2.40E+01	8.10E+01	
SE	52	L15239-10	5/19/2009	Co-58	-1.50E+01	3.00E+01	1.10E+02	
SE	52	L15239-10	5/19/2009	Co-60	2.70E+01	2.20E+01	7.60E+01	
SE	52	L15239-10	5/19/2009	Cr-51	4.70E+02	3.40E+02	1.10E+03	
SE	52	L15239-10	5/19/2009	Cs-134	-1.90E+01	2.30E+01	9.90E+01	
SE	52	L15239-10	5/19/2009	Cs-137	1.50E+01	3.30E+01	1.10E+02	
SE	52	L15239-10	5/19/2009	Fe-59	-6.10E+01	6.60E+01	2.50E+02	
SE	52	L15239-10	5/19/2009	I-131	8.00E+01	1.10E+02	3.90E+02	
SE	52	L15239-10	5/19/2009	K-40	1.27E+04	8.00E+02	1.10E+03	*
SE	52	L15239-10	5/19/2009	La-140	5.40E+01	7.10E+01	2.50E+02	
SE	52	L15239-10	5/19/2009	Mn-54	6.90E+01	2.90E+01	9.10E+01	
SE	52	L15239-10	5/19/2009	Nb-95	-8.60E+01	6.40E+01	2.30E+02	
SE	52	L15239-10	5/19/2009	Ru-103	1.80E+01	3.40E+01	1.20E+02	
SE	52	L15239-10	5/19/2009	Ru-106	1.60E+02	2.50E+02	8.50E+02	
SE	52	L15239-10	5/19/2009	Sb-124	-2.60E+01	5.90E+01	2.40E+02	
SE	52	L15239-10	5/19/2009	Sb-125	1.90E+01	7.30E+01	2.50E+02	
SE	52	L15239-10	5/19/2009	Se-75	-3.70E+01	3.20E+01	1.20E+02	
SE	52	L15239-10	5/19/2009	Zn-65	8.00E+01	1.30E+02	4.30E+02	
SE	52	L15239-10	5/19/2009	Zr-95	5.60E+01	5.80E+01	2.00E+02	
SE	52	L15239-11	5/19/2009	AcTh-228	1.41E+03	1.80E+02	5.10E+02	*
SE	52	L15239-11	5/19/2009	Ag-108m	-2.70E+01	3.20E+01	1.30E+02	
SE	52	L15239-11	5/19/2009	Ag-110m	-3.80E+01	4.60E+01	2.00E+02	
SE	52	L15239-11	5/19/2009	Ba-140	1.20E+02	3.10E+02	1.10E+03	
SE	52	L15239-11	5/19/2009	Be-7	-6.00E+01	3.20E+02	1.20E+03	
SE	52	L15239-11	5/19/2009	Ce-141	-2.30E+01	7.30E+01	2.60E+02	
SE	52	L15239-11	5/19/2009	Ce-144	4.00E+01	2.20E+02	7.80E+02	
SE	52	L15239-11	5/19/2009	Co-57	-1.90E+01	2.80E+01	1.00E+02	
SE	52	L15239-11	5/19/2009	Co-58	-1.00E+01	4.30E+01	1.70E+02	
SE	52	L15239-11	5/19/2009	Co-60	1.20E+01	3.70E+01	1.50E+02	
SE	52	L15239-11	5/19/2009	Cr-51	3.00E+02	3.40E+02	1.20E+03	
SE	52	L15239-11	5/19/2009	Cs-134	-4.00E+00	3.30E+01	1.30E+02	
SE	52	L15239-11	5/19/2009	Cs-137	4.00E+00	3.90E+01	1.50E+02	
SE	52	L15239-11	5/19/2009	Fe-59	-1.80E+01	9.00E+01	3.70E+02	
SE	52	L15239-11	5/19/2009	I-131	5.00E+01	1.40E+02	5.00E+02	
SE	52	L15239-11	5/19/2009	K-40	1.47E+04	1.40E+03	1.80E+03	*
SE	52	L15239-11	5/19/2009	La-140	2.10E+02	1.50E+02	5.20E+02	
SE	52	L15239-11	5/19/2009	Mn-54	-4.40E+01	4.50E+01	1.90E+02	
SE	52	L15239-11	5/19/2009	Nb-95	-2.50E+01	6.40E+01	2.50E+02	
SE	52	L15239-11	5/19/2009	Ru-103	2.50E+01	4.30E+01	1.60E+02	
SE	52	L15239-11	5/19/2009	Ru-106	4.30E+02	4.00E+02	1.40E+03	
SE	52	L15239-11	5/19/2009	Sb-124	1.09E+02	8.60E+01	2.90E+02	
SE	52	L15239-11	5/19/2009	Sb-125	-7.00E+01	1.20E+02	4.40E+02	
SE	52	L15239-11	5/19/2009	Se-75	4.30E+01	4.80E+01	1.60E+02	
SE	52	L15239-11	5/19/2009	Zn-65	-4.00E+01	2.40E+02	8.50E+02	
SE	52	L15239-11	5/19/2009	Zr-95	1.16E+02	7.20E+01	2.30E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	52	L15239-12	5/19/2009	AcTh-228	1.16E+03	1.80E+02	5.10E+02	*
SE	52	L15239-12	5/19/2009	Ag-108m	-1.70E+01	3.20E+01	1.30E+02	
SE	52	L15239-12	5/19/2009	Ag-110m	2.60E+01	6.70E+01	2.50E+02	
SE	52	L15239-12	5/19/2009	Ba-140	-8.10E+02	2.90E+02	1.40E+03	
SE	52	L15239-12	5/19/2009	Be-7	-1.30E+02	3.20E+02	1.30E+03	
SE	52	L15239-12	5/19/2009	Ce-141	5.80E+01	7.30E+01	2.50E+02	
SE	52	L15239-12	5/19/2009	Ce-144	-1.40E+02	4.50E+02	1.60E+03	
SE	52	L15239-12	5/19/2009	Co-57	2.80E+01	3.10E+01	1.00E+02	
SE	52	L15239-12	5/19/2009	Co-58	5.50E+01	3.30E+01	1.00E+02	
SE	52	L15239-12	5/19/2009	Co-60	-4.80E+01	4.20E+01	1.90E+02	
SE	52	L15239-12	5/19/2009	Cr-51	1.30E+02	4.20E+02	1.50E+03	
SE	52	L15239-12	5/19/2009	Cs-134	7.90E+01	4.40E+01	1.30E+02	
SE	52	L15239-12	5/19/2009	Cs-137	-1.60E+01	4.40E+01	1.70E+02	
SE	52	L15239-12	5/19/2009	Fe-59	0.00E+00	8.70E+01	3.50E+02	
SE	52	L15239-12	5/19/2009	I-131	1.50E+02	1.60E+02	5.60E+02	
SE	52	L15239-12	5/19/2009	K-40	1.21E+04	1.30E+03	1.50E+03	*
SE	52	L15239-12	5/19/2009	La-140	-9.00E+01	1.60E+02	2.60E+03	
SE	52	L15239-12	5/19/2009	Mn-54	-1.70E+01	3.30E+01	1.40E+02	
SE	52	L15239-12	5/19/2009	Nb-95	-7.00E+00	4.80E+01	1.90E+02	
SE	52	L15239-12	5/19/2009	Ru-103	4.40E+01	2.90E+01	9.50E+01	
SE	52	L15239-12	5/19/2009	Ru-106	1.20E+02	3.40E+02	1.30E+03	
SE	52	L15239-12	5/19/2009	Sb-124	1.52E+02	7.60E+01	1.00E+02	
SE	52	L15239-12	5/19/2009	Sb-125	-9.00E+01	1.10E+02	4.30E+02	
SE	52	L15239-12	5/19/2009	Se-75	-7.00E+00	3.90E+01	1.50E+02	
SE	52	L15239-12	5/19/2009	Zn-65	1.60E+02	1.70E+02	6.00E+02	
SE	52	L15239-12	5/19/2009	Zr-95	1.61E+02	8.60E+01	2.70E+02	
SE	52	L15954-10	12/1/2009	AcTh-228	1.98E+03	1.50E+02	3.20E+02	*
SE	52	L15954-10	12/1/2009	Ag-108m	-1.50E+01	2.20E+01	8.30E+01	
SE	52	L15954-10	12/1/2009	Ag-110m	6.00E+00	3.50E+01	1.30E+02	
SE	52	L15954-10	12/1/2009	Ba-140	5.00E+01	2.30E+02	8.30E+02	
SE	52	L15954-10	12/1/2009	Be-7	2.40E+02	2.60E+02	8.80E+02	
SE	52	L15954-10	12/1/2009	Ce-141	-4.50E+01	6.00E+01	2.10E+02	
SE	52	L15954-10	12/1/2009	Ce-144	3.70E+02	2.10E+02	6.90E+02	
SE	52	L15954-10	12/1/2009	Co-57	2.00E+01	2.50E+01	8.50E+01	
SE	52	L15954-10	12/1/2009	Co-58	-1.80E+01	2.80E+01	1.10E+02	
SE	52	L15954-10	12/1/2009	Co-60	2.20E+01	2.70E+01	9.50E+01	
SE	52	L15954-10	12/1/2009	Cr-51	3.20E+02	3.30E+02	1.10E+03	
SE	52	L15954-10	12/1/2009	Cs-134	3.30E+01	2.60E+01	8.60E+01	
SE	52	L15954-10	12/1/2009	Cs-137	1.70E+01	2.70E+01	9.70E+01	
SE	52	L15954-10	12/1/2009	Fe-59	1.20E+01	6.50E+01	2.40E+02	
SE	52	L15954-10	12/1/2009	I-131	2.10E+01	8.70E+01	3.10E+02	
SE	52	L15954-10	12/1/2009	K-40	1.25E+04	8.60E+02	9.50E+02	*
SE	52	L15954-10	12/1/2009	La-140	1.60E+02	1.00E+02	3.40E+02	
SE	52	L15954-10	12/1/2009	Mn-54	-3.30E+01	3.00E+01	1.20E+02	
SE	52	L15954-10	12/1/2009	Nb-95	-6.10E+01	3.90E+01	1.50E+02	
SE	52	L15954-10	12/1/2009	Ru-103	-3.80E+01	3.10E+01	1.20E+02	
SE	52	L15954-10	12/1/2009	Ru-106	1.00E+01	2.30E+02	8.30E+02	
SE	52	L15954-10	12/1/2009	Sb-124	-9.00E+00	4.40E+01	1.90E+02	
SE	52	L15954-10	12/1/2009	Sb-125	8.20E+01	7.90E+01	2.70E+02	
SE	52	L15954-10	12/1/2009	Se-75	-1.70E+01	4.00E+01	1.40E+02	
SE	52	L15954-10	12/1/2009	Zn-65	-5.00E+01	1.20E+02	4.20E+02	
SE	52	L15954-10	12/1/2009	Zr-95	7.20E+01	6.00E+01	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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	52	L15954-11	12/1/2009	AcTh-228	1.29E+03	1.50E+02	4.40E+02	*
SE	52	L15954-11	12/1/2009	Ag-108m	1.40E+01	2.70E+01	9.40E+01	
SE	52	L15954-11	12/1/2009	Ag-110m	-2.30E+01	3.70E+01	1.50E+02	
SE	52	L15954-11	12/1/2009	Ba-140	-3.00E+01	1.90E+02	7.20E+02	
SE	52	L15954-11	12/1/2009	Be-7	1.00E+02	2.60E+02	9.50E+02	
SE	52	L15954-11	12/1/2009	Ce-141	4.50E+01	5.70E+01	1.90E+02	
SE	52	L15954-11	12/1/2009	Ce-144	7.00E+01	1.90E+02	6.70E+02	
SE	52	L15954-11	12/1/2009	Co-57	-1.00E+01	2.30E+01	8.20E+01	
SE	52	L15954-11	12/1/2009	Co-58	2.30E+01	2.90E+01	1.00E+02	
SE	52	L15954-11	12/1/2009	Co-60	-2.10E+01	2.30E+01	1.10E+02	
SE	52	L15954-11	12/1/2009	Cr-51	3.20E+02	3.10E+02	1.10E+03	
SE	52	L15954-11	12/1/2009	Cs-134	7.60E+01	3.00E+01	8.40E+01	
SE	52	L15954-11	12/1/2009	Cs-137	-3.10E+01	2.40E+01	1.00E+02	
SE	52	L15954-11	12/1/2009	Fe-59	3.30E+01	7.10E+01	2.60E+02	
SE	52	L15954-11	12/1/2009	I-131	-8.10E+01	8.70E+01	3.40E+02	
SE	52	L15954-11	12/1/2009	K-40	1.21E+04	9.60E+02	1.10E+03	*
SE	52	L15954-11	12/1/2009	La-140	1.10E+02	1.10E+02	3.70E+02	
SE	52	L15954-11	12/1/2009	Mn-54	3.20E+01	3.40E+01	1.20E+02	
SE	52	L15954-11	12/1/2009	Nb-95	2.30E+01	3.30E+01	1.20E+02	
SE	52	L15954-11	12/1/2009	Ru-103	4.80E+01	3.30E+01	1.10E+02	
SE	52	L15954-11	12/1/2009	Ru-106	-2.20E+02	2.00E+02	8.60E+02	
SE	52	L15954-11	12/1/2009	Sb-124	5.00E+00	4.70E+01	2.10E+02	
SE	52	L15954-11	12/1/2009	Sb-125	-3.00E+01	8.20E+01	3.10E+02	
SE	52	L15954-11	12/1/2009	Se-75	2.20E+01	3.70E+01	1.30E+02	
SE	52	L15954-11	12/1/2009	Zn-65	-2.45E+02	7.10E+01	3.30E+02	
SE	52	L15954-11	12/1/2009	Zr-95	9.20E+01	5.30E+01	1.70E+02	
SE	52	L15954-12	12/1/2009	AcTh-228	8.60E+02	1.20E+02	3.60E+02	*
SE	52	L15954-12	12/1/2009	Ag-108m	-2.90E+01	2.20E+01	9.00E+01	
SE	52	L15954-12	12/1/2009	Ag-110m	-2.90E+01	3.20E+01	1.30E+02	
SE	52	L15954-12	12/1/2009	Ba-140	2.00E+01	1.80E+02	6.60E+02	
SE	52	L15954-12	12/1/2009	Be-7	-3.70E+02	2.60E+02	1.00E+03	
SE	52	L15954-12	12/1/2009	Ce-141	4.80E+01	4.70E+01	1.60E+02	
SE	52	L15954-12	12/1/2009	Ce-144	1.00E+01	1.60E+02	5.80E+02	
SE	52	L15954-12	12/1/2009	Co-57	2.00E+01	2.00E+01	6.80E+01	
SE	52	L15954-12	12/1/2009	Co-58	-2.70E+01	2.30E+01	9.90E+01	
SE	52	L15954-12	12/1/2009	Co-60	2.60E+01	1.80E+01	6.10E+01	
SE	52	L15954-12	12/1/2009	Cr-51	-3.40E+02	2.80E+02	1.10E+03	
SE	52	L15954-12	12/1/2009	Cs-134	1.30E+01	1.70E+01	6.70E+01	
SE	52	L15954-12	12/1/2009	Cs-137	-1.30E+01	2.50E+01	9.90E+01	
SE	52	L15954-12	12/1/2009	Fe-59	-5.30E+01	5.30E+01	2.30E+02	
SE	52	L15954-12	12/1/2009	I-131	5.10E+01	7.80E+01	2.80E+02	
SE	52	L15954-12	12/1/2009	K-40	1.25E+04	9.20E+02	7.90E+02	*
SE	52	L15954-12	12/1/2009	La-140	9.00E+01	1.10E+02	3.70E+02	
SE	52	L15954-12	12/1/2009	Mn-54	-1.50E+01	2.20E+01	9.00E+01	
SE	52	L15954-12	12/1/2009	Nb-95	0.00E+00	3.70E+01	1.40E+02	
SE	52	L15954-12	12/1/2009	Ru-103	-1.60E+01	2.70E+01	1.10E+02	
SE	52	L15954-12	12/1/2009	Ru-106	-5.00E+02	2.10E+02	9.50E+02	
SE	52	L15954-12	12/1/2009	Sb-124	-3.40E+01	2.40E+01	1.60E+02	
SE	52	L15954-12	12/1/2009	Sb-125	-6.50E+01	6.90E+01	2.70E+02	
SE	52	L15954-12	12/1/2009	Se-75	4.10E+01	3.20E+01	1.10E+02	
SE	52	L15954-12	12/1/2009	Zn-65	2.18E+02	9.20E+01	2.90E+02	
SE	52	L15954-12	12/1/2009	Zr-95	-5.70E+01	4.50E+01	1.90E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	57	L15239-13	5/18/2009	AcTh-228	1.80E+02	1.40E+02	4.50E+02	
SE	57	L15239-13	5/18/2009	Ag-108m	5.00E+00	2.40E+01	9.00E+01	
SE	57	L15239-13	5/18/2009	Ag-110m	-3.70E+01	4.00E+01	1.80E+02	
SE	57	L15239-13	5/18/2009	Ba-140	-1.20E+02	2.20E+02	9.40E+02	
SE	57	L15239-13	5/18/2009	Be-7	2.40E+02	2.30E+02	8.00E+02	
SE	57	L15239-13	5/18/2009	Ce-141	2.90E+01	4.80E+01	1.70E+02	
SE	57	L15239-13	5/18/2009	Ce-144	-2.00E+02	1.40E+02	5.50E+02	
SE	57	L15239-13	5/18/2009	Co-57	3.30E+01	1.60E+01	5.10E+01	
SE	57	L15239-13	5/18/2009	Co-58	-2.80E+01	2.50E+01	1.20E+02	
SE	57	L15239-13	5/18/2009	Co-60	-1.20E+01	3.10E+01	1.40E+02	
SE	57	L15239-13	5/18/2009	Cr-51	-1.10E+02	2.50E+02	1.00E+03	
SE	57	L15239-13	5/18/2009	Cs-134	3.10E+01	2.00E+01	7.50E+01	
SE	57	L15239-13	5/18/2009	Cs-137	9.70E+01	3.50E+01	9.10E+01	
SE	57	L15239-13	5/18/2009	Fe-59	1.50E+01	6.60E+01	2.70E+02	
SE	57	L15239-13	5/18/2009	I-131	1.41E+02	9.40E+01	3.10E+02	
SE	57	L15239-13	5/18/2009	K-40	1.54E+04	1.40E+03	7.70E+02	*
SE	57	L15239-13	5/18/2009	La-140	9.00E+01	1.30E+02	4.70E+02	
SE	57	L15239-13	5/18/2009	Mn-54	0.00E+00	3.10E+01	1.30E+02	
SE	57	L15239-13	5/18/2009	Nb-95	-2.90E+01	3.90E+01	1.70E+02	
SE	57	L15239-13	5/18/2009	Ru-103	5.60E+01	3.30E+01	1.10E+02	
SE	57	L15239-13	5/18/2009	Ru-106	-2.20E+02	2.70E+02	1.20E+03	
SE	57	L15239-13	5/18/2009	Sb-124	-4.00E+01	4.00E+01	2.80E+02	
SE	57	L15239-13	5/18/2009	Sb-125	6.40E+01	7.50E+01	2.70E+02	
SE	57	L15239-13	5/18/2009	Se-75	-2.00E+00	2.90E+01	1.10E+02	
SE	57	L15239-13	5/18/2009	Zn-65	1.14E+02	8.80E+01	3.00E+02	
SE	57	L15239-13	5/18/2009	Zr-95	-1.12E+02	4.60E+01	2.50E+02	
SE	57	L15239-14	5/18/2009	AcTh-228	3.70E+02	2.40E+02	8.00E+02	
SE	57	L15239-14	5/18/2009	Ag-108m	-1.00E+01	1.90E+01	8.10E+01	
SE	57	L15239-14	5/18/2009	Ag-110m	0.00E+00	2.40E+01	1.10E+02	
SE	57	L15239-14	5/18/2009	Ba-140	0.00E+00	2.30E+02	9.20E+02	
SE	57	L15239-14	5/18/2009	Be-7	-1.20E+02	2.80E+02	1.10E+03	
SE	57	L15239-14	5/18/2009	Ce-141	-3.00E+00	4.90E+01	1.80E+02	
SE	57	L15239-14	5/18/2009	Ce-144	1.40E+02	1.50E+02	5.10E+02	
SE	57	L15239-14	5/18/2009	Co-57	1.20E+01	1.90E+01	6.60E+01	
SE	57	L15239-14	5/18/2009	Co-58	1.80E+01	2.90E+01	1.10E+02	
SE	57	L15239-14	5/18/2009	Co-60	-2.30E+01	3.30E+01	1.50E+02	
SE	57	L15239-14	5/18/2009	Cr-51	9.00E+01	2.80E+02	1.10E+03	
SE	57	L15239-14	5/18/2009	Cs-134	-2.20E+01	2.30E+01	1.30E+02	
SE	57	L15239-14	5/18/2009	Cs-137	-1.70E+01	3.00E+01	1.30E+02	
SE	57	L15239-14	5/18/2009	Fe-59	-6.40E+01	7.90E+01	3.50E+02	
SE	57	L15239-14	5/18/2009	I-131	2.00E+01	1.10E+02	4.20E+02	
SE	57	L15239-14	5/18/2009	K-40	1.52E+04	1.40E+03	1.60E+03	*
SE	57	L15239-14	5/18/2009	La-140	-9.00E+01	1.10E+02	4.90E+02	
SE	57	L15239-14	5/18/2009	Mn-54	4.90E+01	3.10E+01	9.90E+01	
SE	57	L15239-14	5/18/2009	Nb-95	-5.00E+00	4.60E+01	1.80E+02	
SE	57	L15239-14	5/18/2009	Ru-103	5.50E+01	4.00E+01	1.30E+02	
SE	57	L15239-14	5/18/2009	Ru-106	-5.00E+01	2.20E+02	9.40E+02	
SE	57	L15239-14	5/18/2009	Sb-124	-7.00E+00	7.50E+01	3.50E+02	
SE	57	L15239-14	5/18/2009	Sb-125	-9.40E+01	7.00E+01	3.10E+02	
SE	57	L15239-14	5/18/2009	Se-75	5.90E+01	2.70E+01	8.10E+01	
SE	57	L15239-14	5/18/2009	Zn-65	-8.60E+01	8.70E+01	3.70E+02	
SE	57	L15239-14	5/18/2009	Zr-95	4.00E+01	4.80E+01	1.80E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	57	L15239-15	5/18/2009	AcTh-228	2.20E+02	1.40E+02	4.60E+02	
SE	57	L15239-15	5/18/2009	Ag-108m	-1.10E+01	2.20E+01	9.10E+01	
SE	57	L15239-15	5/18/2009	Ag-110m	-1.20E+01	4.80E+01	2.00E+02	
SE	57	L15239-15	5/18/2009	Ba-140	3.70E+02	1.70E+02	4.50E+02	
SE	57	L15239-15	5/18/2009	Be-7	2.60E+02	2.60E+02	9.00E+02	
SE	57	L15239-15	5/18/2009	Ce-141	3.20E+01	4.40E+01	1.60E+02	
SE	57	L15239-15	5/18/2009	Ce-144	-7.00E+01	1.40E+02	5.30E+02	
SE	57	L15239-15	5/18/2009	Co-57	-9.00E+00	1.90E+01	7.00E+01	
SE	57	L15239-15	5/18/2009	Co-58	-1.00E+00	3.20E+01	1.30E+02	
SE	57	L15239-15	5/18/2009	Co-60	3.30E+01	3.30E+01	1.20E+02	
SE	57	L15239-15	5/18/2009	Cr-51	0.00E+00	3.10E+02	1.20E+03	
SE	57	L15239-15	5/18/2009	Cs-134	4.00E+01	2.90E+01	1.20E+02	
SE	57	L15239-15	5/18/2009	Cs-137	-1.30E+01	3.90E+01	1.50E+02	
SE	57	L15239-15	5/18/2009	Fe-59	-2.40E+01	7.20E+01	3.10E+02	
SE	57	L15239-15	5/18/2009	I-131	-5.00E+01	1.20E+02	4.80E+02	
SE	57	L15239-15	5/18/2009	K-40	1.75E+04	1.50E+03	1.10E+03	*
SE	57	L15239-15	5/18/2009	La-140	-1.20E+02	1.20E+02	5.20E+02	
SE	57	L15239-15	5/18/2009	Mn-54	-5.00E+01	2.50E+01	1.30E+02	
SE	57	L15239-15	5/18/2009	Nb-95	-1.00E+00	3.70E+01	1.50E+02	
SE	57	L15239-15	5/18/2009	Ru-103	-1.70E+01	2.90E+01	1.30E+02	
SE	57	L15239-15	5/18/2009	Ru-106	2.30E+02	2.50E+02	9.00E+02	
SE	57	L15239-15	5/18/2009	Sb-124	-3.60E+01	3.60E+01	2.60E+02	
SE	57	L15239-15	5/18/2009	Sb-125	-1.33E+02	5.80E+01	2.90E+02	
SE	57	L15239-15	5/18/2009	Se-75	1.60E+01	3.20E+01	1.20E+02	
SE	57	L15239-15	5/18/2009	Zn-65	-1.07E+02	7.70E+01	3.60E+02	
SE	57	L15239-15	5/18/2009	Zr-95	-8.30E+01	4.70E+01	2.40E+02	
SE	57	L15954-1311/23/2009		AcTh-228	3.30E+02	1.10E+02	4.00E+02	
SE	57	L15954-1311/23/2009		Ag-108m	5.00E+00	2.10E+01	8.20E+01	
SE	57	L15954-1311/23/2009		Ag-110m	2.30E+01	3.70E+01	1.40E+02	
SE	57	L15954-1311/23/2009		Ba-140	-3.00E+02	3.00E+02	1.30E+03	
SE	57	L15954-1311/23/2009		Be-7	1.90E+02	2.10E+02	7.40E+02	
SE	57	L15954-1311/23/2009		Ce-141	-3.00E+01	4.70E+01	1.80E+02	
SE	57	L15954-1311/23/2009		Ce-144	1.50E+02	1.40E+02	4.80E+02	
SE	57	L15954-1311/23/2009		Co-57	2.00E+00	1.70E+01	6.30E+01	
SE	57	L15954-1311/23/2009		Co-58	-7.10E+01	3.00E+01	1.60E+02	
SE	57	L15954-1311/23/2009		Co-60	3.40E+01	2.50E+01	8.30E+01	
SE	57	L15954-1311/23/2009		Cr-51	1.50E+02	2.40E+02	8.90E+02	
SE	57	L15954-1311/23/2009		Cs-134	-7.00E+00	1.70E+01	9.40E+01	
SE	57	L15954-1311/23/2009		Cs-137	9.00E+00	2.70E+01	1.10E+02	
SE	57	L15954-1311/23/2009		Fe-59	-5.00E+01	1.10E+02	4.30E+02	
SE	57	L15954-1311/23/2009		I-131	6.00E+01	1.40E+02	5.40E+02	
SE	57	L15954-1311/23/2009		K-40	1.32E+04	1.30E+03	1.30E+03	*
SE	57	L15954-1311/23/2009		La-140	-8.00E+01	1.30E+02	5.60E+02	
SE	57	L15954-1311/23/2009		Mn-54	-2.40E+01	2.90E+01	1.30E+02	
SE	57	L15954-1311/23/2009		Nb-95	1.50E+01	2.80E+01	1.10E+02	
SE	57	L15954-1311/23/2009		Ru-103	1.70E+01	3.10E+01	1.20E+02	
SE	57	L15954-1311/23/2009		Ru-106	1.10E+02	1.60E+02	6.40E+02	
SE	57	L15954-1311/23/2009		Sb-124	7.30E+01	5.10E+01	9.80E+01	
SE	57	L15954-1311/23/2009		Sb-125	7.60E+01	6.90E+01	2.40E+02	
SE	57	L15954-1311/23/2009		Se-75	-1.10E+01	2.90E+01	1.10E+02	
SE	57	L15954-1311/23/2009		Zn-65	-2.15E+02	9.20E+01	4.30E+02	
SE	57	L15954-1311/23/2009		Zr-95	1.60E+01	6.10E+01	2.40E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	57	L15954-1411/23/2009		AcTh-228	3.20E+02	1.50E+02	4.50E+02	
SE	57	L15954-1411/23/2009		Ag-108m	-1.60E+01	1.90E+01	8.40E+01	
SE	57	L15954-1411/23/2009		Ag-110m	0.00E+00	4.60E+01	1.80E+02	
SE	57	L15954-1411/23/2009		Ba-140	1.60E+02	3.20E+02	1.20E+03	
SE	57	L15954-1411/23/2009		Be-7	2.00E+02	2.90E+02	1.10E+03	
SE	57	L15954-1411/23/2009		Ce-141	-1.90E+01	5.30E+01	2.00E+02	
SE	57	L15954-1411/23/2009		Ce-144	-2.00E+02	1.40E+02	5.60E+02	
SE	57	L15954-1411/23/2009		Co-57	1.00E+01	1.70E+01	6.10E+01	
SE	57	L15954-1411/23/2009		Co-58	-2.00E+00	3.00E+01	1.30E+02	
SE	57	L15954-1411/23/2009		Co-60	-7.00E+00	2.90E+01	1.30E+02	
SE	57	L15954-1411/23/2009		Cr-51	3.90E+02	3.10E+02	1.10E+03	
SE	57	L15954-1411/23/2009		Cs-134	-1.40E+01	2.00E+01	1.10E+02	
SE	57	L15954-1411/23/2009		Cs-137	1.00E+01	2.60E+01	1.00E+02	
SE	57	L15954-1411/23/2009		Fe-59	0.00E+00	5.00E+01	2.30E+02	
SE	57	L15954-1411/23/2009		I-131	1.40E+02	2.10E+02	7.40E+02	
SE	57	L15954-1411/23/2009		K-40	1.41E+04	1.30E+03	1.30E+03	*
SE	57	L15954-1411/23/2009		La-140	8.00E+01	1.70E+02	6.40E+02	
SE	57	L15954-1411/23/2009		Mn-54	6.00E+00	2.70E+01	1.10E+02	
SE	57	L15954-1411/23/2009		Nb-95	-3.40E+01	4.10E+01	1.80E+02	
SE	57	L15954-1411/23/2009		Ru-103	2.70E+01	3.90E+01	1.40E+02	
SE	57	L15954-1411/23/2009		Ru-106	-5.60E+02	3.50E+02	1.50E+03	
SE	57	L15954-1411/23/2009		Sb-124	-3.70E+01	8.30E+01	4.00E+02	
SE	57	L15954-1411/23/2009		Sb-125	4.90E+01	7.40E+01	2.70E+02	
SE	57	L15954-1411/23/2009		Se-75	-6.40E+01	3.00E+01	1.30E+02	
SE	57	L15954-1411/23/2009		Zn-65	-8.40E+01	6.70E+01	3.20E+02	
SE	57	L15954-1411/23/2009		Zr-95	-2.40E+01	4.50E+01	2.10E+02	
SE	57	L15954-1511/23/2009		AcTh-228	8.80E+01	9.90E+01	3.50E+02	
SE	57	L15954-1511/23/2009		Ag-108m	-5.50E+01	2.30E+01	9.70E+01	
SE	57	L15954-1511/23/2009		Ag-110m	7.00E+00	3.20E+01	1.20E+02	
SE	57	L15954-1511/23/2009		Ba-140	-6.00E+01	2.90E+02	1.10E+03	
SE	57	L15954-1511/23/2009		Be-7	-1.70E+02	2.10E+02	8.70E+02	
SE	57	L15954-1511/23/2009		Ce-141	4.00E+00	4.80E+01	1.70E+02	
SE	57	L15954-1511/23/2009		Ce-144	2.60E+02	1.40E+02	4.70E+02	
SE	57	L15954-1511/23/2009		Co-57	1.20E+01	1.70E+01	5.90E+01	
SE	57	L15954-1511/23/2009		Co-58	-6.00E+01	2.80E+01	1.30E+02	
SE	57	L15954-1511/23/2009		Co-60	-1.30E+01	2.10E+01	9.50E+01	
SE	57	L15954-1511/23/2009		Cr-51	3.30E+02	2.80E+02	9.70E+02	
SE	57	L15954-1511/23/2009		Cs-134	7.00E+00	2.10E+01	1.00E+02	
SE	57	L15954-1511/23/2009		Cs-137	3.90E+01	2.40E+01	7.90E+01	
SE	57	L15954-1511/23/2009		Fe-59	-3.00E+00	5.40E+01	2.20E+02	
SE	57	L15954-1511/23/2009		I-131	-5.00E+01	1.40E+02	5.50E+02	
SE	57	L15954-1511/23/2009		K-40	1.20E+04	9.30E+02	1.00E+03	*
SE	57	L15954-1511/23/2009		La-140	0.00E+00	1.50E+02	5.70E+02	
SE	57	L15954-1511/23/2009		Mn-54	1.00E+01	2.00E+01	7.70E+01	
SE	57	L15954-1511/23/2009		Nb-95	2.50E+01	3.10E+01	1.10E+02	
SE	57	L15954-1511/23/2009		Ru-103	-2.50E+01	3.20E+01	1.30E+02	
SE	57	L15954-1511/23/2009		Ru-106	1.00E+01	1.60E+02	6.50E+02	
SE	57	L15954-1511/23/2009		Sb-124	2.00E+00	2.80E+01	1.50E+02	
SE	57	L15954-1511/23/2009		Sb-125	-1.13E+02	7.00E+01	2.90E+02	
SE	57	L15954-1511/23/2009		Se-75	1.30E+01	2.90E+01	1.00E+02	
SE	57	L15954-1511/23/2009		Zn-65	-1.28E+02	5.40E+01	2.50E+02	
SE	57	L15954-1511/23/2009		Zr-95	7.40E+01	4.90E+01	1.60E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TF	2	L15500-01	7/31/2009	AcTh-228	-3.40E+01	4.30E+01	1.80E+02	
TF	2	L15500-01	7/31/2009	Ag-108m	-2.80E+00	9.00E+00	3.40E+01	
TF	2	L15500-01	7/31/2009	Ag-110m	9.00E+00	1.70E+01	6.10E+01	
TF	2	L15500-01	7/31/2009	Ba-140	-1.70E+01	1.60E+01	8.30E+01	
TF	2	L15500-01	7/31/2009	Be-7	-6.20E+01	8.70E+01	3.50E+02	
TF	2	L15500-01	7/31/2009	Ce-141	-1.60E+01	1.40E+01	5.40E+01	
TF	2	L15500-01	7/31/2009	Ce-144	-2.80E+01	5.50E+01	2.00E+02	
TF	2	L15500-01	7/31/2009	Co-57	-1.90E+00	5.40E+00	2.00E+01	
TF	2	L15500-01	7/31/2009	Co-58	9.00E+00	1.00E+01	3.70E+01	
TF	2	L15500-01	7/31/2009	Co-60	0.00E+00	6.20E+00	2.90E+01	
TF	2	L15500-01	7/31/2009	Cr-51	-4.40E+01	8.90E+01	3.40E+02	
TF	2	L15500-01	7/31/2009	Cs-134	-2.10E+00	7.00E+00	3.60E+01	
TF	2	L15500-01	7/31/2009	Cs-137	-1.00E+01	1.00E+01	4.20E+01	
TF	2	L15500-01	7/31/2009	Fe-59	-1.10E+01	2.30E+01	9.50E+01	
TF	2	L15500-01	7/31/2009	I-131	-5.00E+00	2.20E+01	8.50E+01	
TF	2	L15500-01	7/31/2009	K-40	1.80E+03	2.80E+02	5.60E+02	*
TF	2	L15500-01	7/31/2009	La-140	-1.70E+01	1.60E+01	8.30E+01	
TF	2	L15500-01	7/31/2009	Mn-54	8.00E+00	1.00E+01	3.60E+01	
TF	2	L15500-01	7/31/2009	Nb-95	-3.00E+00	1.40E+01	5.30E+01	
TF	2	L15500-01	7/31/2009	Ru-103	2.00E+00	1.30E+01	4.80E+01	
TF	2	L15500-01	7/31/2009	Ru-106	-2.12E+02	7.90E+01	3.80E+02	
TF	2	L15500-01	7/31/2009	Sb-124	-5.00E+00	2.20E+01	1.00E+02	
TF	2	L15500-01	7/31/2009	Sb-125	-1.30E+01	2.70E+01	1.00E+02	
TF	2	L15500-01	7/31/2009	Se-75	2.00E+00	1.00E+01	3.70E+01	
TF	2	L15500-01	7/31/2009	Zn-65	-6.00E+00	2.50E+01	1.00E+02	
TF	2	L15500-01	7/31/2009	Zr-95	1.80E+01	2.10E+01	7.50E+01	
TF	2	L15580-01	8/25/2009	AcTh-228	3.70E+01	4.90E+01	1.70E+02	
TF	2	L15580-01	8/25/2009	Ag-108m	-3.50E+00	9.20E+00	3.60E+01	
TF	2	L15580-01	8/25/2009	Ag-110m	-4.00E+00	1.40E+01	5.90E+01	
TF	2	L15580-01	8/25/2009	Ba-140	0.00E+00	1.90E+01	8.20E+01	
TF	2	L15580-01	8/25/2009	Be-7	-7.10E+01	8.70E+01	3.60E+02	
TF	2	L15580-01	8/25/2009	Ce-141	-2.00E+01	1.20E+01	4.90E+01	
TF	2	L15580-01	8/25/2009	Ce-144	1.10E+01	4.70E+01	1.70E+02	
TF	2	L15580-01	8/25/2009	Co-57	0.00E+00	5.30E+00	2.00E+01	
TF	2	L15580-01	8/25/2009	Co-58	-3.00E+00	1.10E+01	4.40E+01	
TF	2	L15580-01	8/25/2009	Co-60	-1.10E+01	1.20E+01	5.70E+01	
TF	2	L15580-01	8/25/2009	Cr-51	1.33E+02	7.80E+01	2.50E+02	
TF	2	L15580-01	8/25/2009	Cs-134	-2.60E+00	7.90E+00	4.10E+01	
TF	2	L15580-01	8/25/2009	Cs-137	-8.00E+00	1.40E+01	5.70E+01	
TF	2	L15580-01	8/25/2009	Fe-59	2.00E+01	3.20E+01	1.20E+02	
TF	2	L15580-01	8/25/2009	I-131	-9.00E+00	1.60E+01	6.20E+01	
TF	2	L15580-01	8/25/2009	K-40	1.14E+03	2.70E+02	6.40E+02	*
TF	2	L15580-01	8/25/2009	La-140	0.00E+00	1.90E+01	8.20E+01	
TF	2	L15580-01	8/25/2009	Mn-54	-6.60E+00	6.70E+00	3.30E+01	
TF	2	L15580-01	8/25/2009	Nb-95	-1.70E+01	1.30E+01	5.70E+01	
TF	2	L15580-01	8/25/2009	Ru-103	-2.00E+01	1.10E+01	4.90E+01	
TF	2	L15580-01	8/25/2009	Ru-106	6.60E+01	9.00E+01	3.30E+02	
TF	2	L15580-01	8/25/2009	Sb-124	-1.10E+01	1.10E+01	8.00E+01	
TF	2	L15580-01	8/25/2009	Sb-125	1.60E+01	3.40E+01	1.20E+02	
TF	2	L15580-01	8/25/2009	Se-75	-1.20E+01	1.00E+01	4.20E+01	
TF	2	L15580-01	8/25/2009	Zn-65	7.00E+00	2.70E+01	1.00E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TF	2	L15580-01	8/25/2009	Zr-95	-1.00E+00	2.00E+01	8.00E+01	
TF	3	L15500-02	7/31/2009	AcTh-228	-2.40E+01	3.30E+01	1.30E+02	
TF	3	L15500-02	7/31/2009	Ag-108m	-2.80E+00	6.40E+00	2.40E+01	
TF	3	L15500-02	7/31/2009	Ag-110m	-1.00E+01	1.20E+01	4.70E+01	
TF	3	L15500-02	7/31/2009	Ba-140	-3.20E+01	1.70E+01	8.20E+01	
TF	3	L15500-02	7/31/2009	Be-7	-1.00E+01	7.10E+01	2.60E+02	
TF	3	L15500-02	7/31/2009	Ce-141	-1.20E+01	1.30E+01	4.70E+01	
TF	3	L15500-02	7/31/2009	Ce-144	6.70E+01	4.40E+01	1.40E+02	
TF	3	L15500-02	7/31/2009	Co-57	-6.00E+00	5.30E+00	2.00E+01	
TF	3	L15500-02	7/31/2009	Co-58	-7.60E+00	8.20E+00	3.30E+01	
TF	3	L15500-02	7/31/2009	Co-60	-5.90E+00	8.50E+00	3.50E+01	
TF	3	L15500-02	7/31/2009	Cr-51	0.00E+00	7.70E+01	2.80E+02	
TF	3	L15500-02	7/31/2009	Cs-134	-2.20E+00	6.30E+00	3.30E+01	
TF	3	L15500-02	7/31/2009	Cs-137	9.70E+00	8.90E+00	3.10E+01	
TF	3	L15500-02	7/31/2009	Fe-59	4.10E+01	1.80E+01	5.50E+01	
TF	3	L15500-02	7/31/2009	I-131	1.90E+01	2.10E+01	7.30E+01	
TF	3	L15500-02	7/31/2009	K-40	2.51E+03	2.40E+02	3.70E+02	*
TF	3	L15500-02	7/31/2009	La-140	-3.20E+01	1.70E+01	8.20E+01	
TF	3	L15500-02	7/31/2009	Mn-54	9.90E+00	8.10E+00	2.80E+01	
TF	3	L15500-02	7/31/2009	Nb-95	-3.00E+00	1.10E+01	4.10E+01	
TF	3	L15500-02	7/31/2009	Ru-103	-2.41E+01	9.00E+00	3.90E+01	
TF	3	L15500-02	7/31/2009	Ru-106	2.30E+01	8.00E+01	2.90E+02	
TF	3	L15500-02	7/31/2009	Sb-124	-2.70E+01	1.80E+01	8.60E+01	
TF	3	L15500-02	7/31/2009	Sb-125	3.50E+01	1.90E+01	6.20E+01	
TF	3	L15500-02	7/31/2009	Se-75	5.00E+00	1.00E+01	3.60E+01	
TF	3	L15500-02	7/31/2009	Zn-65	-1.70E+01	1.90E+01	7.80E+01	
TF	3	L15500-02	7/31/2009	Zr-95	-1.30E+01	1.60E+01	6.20E+01	
TF	3	L15580-02	8/25/2009	AcTh-228	-7.00E+00	3.40E+01	1.30E+02	
TF	3	L15580-02	8/25/2009	Ag-108m	4.10E+00	6.80E+00	2.40E+01	
TF	3	L15580-02	8/25/2009	Ag-110m	-1.10E+01	1.30E+01	5.00E+01	
TF	3	L15580-02	8/25/2009	Ba-140	3.10E+01	1.20E+01	3.20E+01	
TF	3	L15580-02	8/25/2009	Be-7	-5.90E+01	6.20E+01	2.50E+02	
TF	3	L15580-02	8/25/2009	Ce-141	-2.20E+01	1.10E+01	4.40E+01	
TF	3	L15580-02	8/25/2009	Ce-144	3.90E+01	4.40E+01	1.50E+02	
TF	3	L15580-02	8/25/2009	Co-57	2.70E+00	5.30E+00	1.80E+01	
TF	3	L15580-02	8/25/2009	Co-58	-6.00E+00	7.40E+00	3.00E+01	
TF	3	L15580-02	8/25/2009	Co-60	0.00E+00	7.10E+00	2.90E+01	
TF	3	L15580-02	8/25/2009	Cr-51	0.00E+00	6.20E+01	2.30E+02	
TF	3	L15580-02	8/25/2009	Cs-134	-7.60E+00	5.90E+00	3.10E+01	
TF	3	L15580-02	8/25/2009	Cs-137	1.57E+01	9.80E+00	3.20E+01	
TF	3	L15580-02	8/25/2009	Fe-59	-2.70E+01	1.90E+01	7.90E+01	
TF	3	L15580-02	8/25/2009	I-131	-1.60E+01	1.30E+01	5.00E+01	
TF	3	L15580-02	8/25/2009	K-40	2.33E+03	2.50E+02	4.20E+02	*
TF	3	L15580-02	8/25/2009	La-140	3.10E+01	1.20E+01	3.20E+01	
TF	3	L15580-02	8/25/2009	Mn-54	4.40E+00	6.40E+00	2.30E+01	
TF	3	L15580-02	8/25/2009	Nb-95	5.10E+00	8.50E+00	3.10E+01	
TF	3	L15580-02	8/25/2009	Ru-103	1.40E+00	8.20E+00	3.00E+01	
TF	3	L15580-02	8/25/2009	Ru-106	-1.20E+02	7.90E+01	3.20E+02	
TF	3	L15580-02	8/25/2009	Sb-124	2.10E+01	1.90E+01	6.40E+01	
TF	3	L15580-02	8/25/2009	Sb-125	1.60E+01	2.00E+01	7.10E+01	
TF	3	L15580-02	8/25/2009	Se-75	-2.20E+00	9.30E+00	3.40E+01	
TF	3	L15580-02	8/25/2009	Zn-65	0.00E+00	1.80E+01	7.00E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TF	3	L15580-02	8/25/2009	Zr-95	-1.00E+01	1.50E+01	5.80E+01	
TF	6	L15500-03	7/31/2009	AcTh-228	-1.18E+02	4.20E+01	2.00E+02	
TF	6	L15500-03	7/31/2009	Ag-108m	6.70E+00	6.40E+00	2.20E+01	
TF	6	L15500-03	7/31/2009	Ag-110m	-1.60E+01	1.60E+01	6.70E+01	
TF	6	L15500-03	7/31/2009	Ba-140	-1.20E+01	2.50E+01	1.10E+02	
TF	6	L15500-03	7/31/2009	Be-7	-5.90E+01	8.50E+01	3.40E+02	
TF	6	L15500-03	7/31/2009	Ce-141	-1.70E+01	1.20E+01	4.70E+01	
TF	6	L15500-03	7/31/2009	Ce-144	-3.50E+01	4.10E+01	1.60E+02	
TF	6	L15500-03	7/31/2009	Co-57	1.50E+00	5.40E+00	1.90E+01	
TF	6	L15500-03	7/31/2009	Co-58	-1.20E+01	1.20E+01	4.90E+01	
TF	6	L15500-03	7/31/2009	Co-60	7.00E+00	1.00E+01	3.90E+01	
TF	6	L15500-03	7/31/2009	Cr-51	3.00E+01	8.20E+01	3.00E+02	
TF	6	L15500-03	7/31/2009	Cs-134	1.60E+00	6.40E+00	3.20E+01	
TF	6	L15500-03	7/31/2009	Cs-137	5.80E+00	9.30E+00	3.40E+01	
TF	6	L15500-03	7/31/2009	Fe-59	-1.10E+01	2.30E+01	9.50E+01	
TF	6	L15500-03	7/31/2009	I-131	-4.70E+01	2.20E+01	9.40E+01	
TF	6	L15500-03	7/31/2009	K-40	1.99E+03	3.00E+02	5.80E+02	*
TF	6	L15500-03	7/31/2009	La-140	-1.20E+01	2.50E+01	1.10E+02	
TF	6	L15500-03	7/31/2009	Mn-54	-1.32E+01	9.90E+00	4.30E+01	
TF	6	L15500-03	7/31/2009	Nb-95	1.00E+00	1.10E+01	4.20E+01	
TF	6	L15500-03	7/31/2009	Ru-103	7.50E+00	9.20E+00	3.30E+01	
TF	6	L15500-03	7/31/2009	Ru-106	-2.35E+02	8.90E+01	4.10E+02	
TF	6	L15500-03	7/31/2009	Sb-124	2.80E+01	2.20E+01	7.30E+01	
TF	6	L15500-03	7/31/2009	Sb-125	1.20E+01	2.00E+01	7.40E+01	
TF	6	L15500-03	7/31/2009	Se-75	-5.40E+00	8.20E+00	3.20E+01	
TF	6	L15500-03	7/31/2009	Zn-65	1.40E+01	2.20E+01	8.00E+01	
TF	6	L15500-03	7/31/2009	Zr-95	-1.70E+01	1.80E+01	7.50E+01	
TF	6	L15580-03	8/25/2009	AcTh-228	-5.00E+01	3.20E+01	1.30E+02	
TF	6	L15580-03	8/25/2009	Ag-108m	-4.80E+00	5.60E+00	2.20E+01	
TF	6	L15580-03	8/25/2009	Ag-110m	-1.00E+01	1.10E+01	4.50E+01	
TF	6	L15580-03	8/25/2009	Ba-140	7.00E+00	1.10E+01	4.30E+01	
TF	6	L15580-03	8/25/2009	Be-7	1.07E+02	6.10E+01	2.00E+02	
TF	6	L15580-03	8/25/2009	Ce-141	-8.00E+00	1.10E+01	4.00E+01	
TF	6	L15580-03	8/25/2009	Ce-144	-4.00E+01	4.40E+01	1.60E+02	
TF	6	L15580-03	8/25/2009	Co-57	-1.42E+01	4.80E+00	2.00E+01	
TF	6	L15580-03	8/25/2009	Co-58	4.40E+00	7.00E+00	2.60E+01	
TF	6	L15580-03	8/25/2009	Co-60	4.00E+00	8.40E+00	3.20E+01	
TF	6	L15580-03	8/25/2009	Cr-51	-5.00E+01	6.50E+01	2.50E+02	
TF	6	L15580-03	8/25/2009	Cs-134	-4.80E+00	6.70E+00	3.60E+01	
TF	6	L15580-03	8/25/2009	Cs-137	-2.70E+00	9.50E+00	3.60E+01	
TF	6	L15580-03	8/25/2009	Fe-59	1.20E+01	1.80E+01	6.60E+01	
TF	6	L15580-03	8/25/2009	I-131	-3.00E+00	1.30E+01	4.70E+01	
TF	6	L15580-03	8/25/2009	K-40	1.77E+03	2.40E+02	5.20E+02	*
TF	6	L15580-03	8/25/2009	La-140	7.00E+00	1.10E+01	4.30E+01	
TF	6	L15580-03	8/25/2009	Mn-54	4.30E+00	6.50E+00	2.40E+01	
TF	6	L15580-03	8/25/2009	Nb-95	2.00E-01	7.60E+00	2.90E+01	
TF	6	L15580-03	8/25/2009	Ru-103	-4.00E+00	9.50E+00	3.50E+01	
TF	6	L15580-03	8/25/2009	Ru-106	-3.30E+01	8.70E+01	3.20E+02	
TF	6	L15580-03	8/25/2009	Sb-124	-5.00E+00	1.70E+01	7.30E+01	
TF	6	L15580-03	8/25/2009	Sb-125	1.80E+01	2.00E+01	7.10E+01	
TF	6	L15580-03	8/25/2009	Se-75	1.28E+01	9.50E+00	3.20E+01	
TF	6	L15580-03	8/25/2009	Zn-65	-2.70E+01	1.80E+01	7.80E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	6	L15580-03	8/25/2009	Zr-95	1.30E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L14815-01	1/14/2009	AcTh-228	1.15E+01	8.50E+00	2.80E+01	
TM	9	L14815-01	1/14/2009	Ag-108m	3.80E+00	1.80E+00	5.60E+00	
TM	9	L14815-01	1/14/2009	Ag-110m	-1.20E+00	3.10E+00	1.20E+01	
TM	9	L14815-01	1/14/2009	Ba-140	-1.50E+00	3.50E+00	1.40E+01	
TM	9	L14815-01	1/14/2009	Be-7	-4.00E+00	1.50E+01	5.60E+01	
TM	9	L14815-01	1/14/2009	Ce-141	-3.00E+00	3.30E+00	1.20E+01	
TM	9	L14815-01	1/14/2009	Ce-144	1.90E+01	1.20E+01	3.90E+01	
TM	9	L14815-01	1/14/2009	Co-57	3.00E-01	1.50E+00	5.20E+00	
TM	9	L14815-01	1/14/2009	Co-58	-1.80E+00	2.20E+00	8.50E+00	
TM	9	L14815-01	1/14/2009	Co-60	-2.80E+00	2.50E+00	1.00E+01	
TM	9	L14815-01	1/14/2009	Cr-51	3.80E+01	1.90E+01	6.00E+01	
TM	9	L14815-01	1/14/2009	Cs-134	-1.30E+00	2.00E+00	9.80E+00	
TM	9	L14815-01	1/14/2009	Cs-137	2.40E+00	2.10E+00	7.10E+00	
TM	9	L14815-01	1/14/2009	Fe-59	-6.00E-01	4.10E+00	1.60E+01	
TM	9	L14815-01	1/14/2009	I-131	-3.80E+00	3.70E+00	1.40E+01	
TM	9	L14815-01	1/14/2009	I-131	5.50E-01	3.10E-01	8.80E-01	
TM	9	L14815-01	1/14/2009	K-40	1.48E+03	8.30E+01	1.10E+02	*
TM	9	L14815-01	1/14/2009	La-140	-1.50E+00	3.50E+00	1.40E+01	
TM	9	L14815-01	1/14/2009	Mn-54	-2.00E+00	2.30E+00	8.70E+00	
TM	9	L14815-01	1/14/2009	Nb-95	-4.00E+00	2.60E+00	1.00E+01	
TM	9	L14815-01	1/14/2009	Ru-103	-2.20E+00	2.40E+00	9.10E+00	
TM	9	L14815-01	1/14/2009	Ru-106	-3.30E+01	2.10E+01	8.00E+01	
TM	9	L14815-01	1/14/2009	Sb-124	8.70E+00	4.30E+00	1.30E+01	
TM	9	L14815-01	1/14/2009	Sb-125	2.30E+00	4.80E+00	1.70E+01	
TM	9	L14815-01	1/14/2009	Se-75	8.00E-01	2.60E+00	8.90E+00	
TM	9	L14815-01	1/14/2009	Zn-65	-1.00E+00	5.60E+00	2.10E+01	
TM	9	L14815-01	1/14/2009	Zr-95	-2.60E+00	3.80E+00	1.40E+01	
TM	9	L14894-01	2/11/2009	AcTh-228	-1.15E+01	6.80E+00	2.60E+01	
TM	9	L14894-01	2/11/2009	Ag-108m	-1.30E+00	1.30E+00	4.90E+00	
TM	9	L14894-01	2/11/2009	Ag-110m	2.90E+00	2.40E+00	8.00E+00	
TM	9	L14894-01	2/11/2009	Ba-140	-4.20E+00	3.10E+00	1.30E+01	
TM	9	L14894-01	2/11/2009	Be-7	1.20E+01	1.40E+01	4.60E+01	
TM	9	L14894-01	2/11/2009	Ce-141	-7.00E+00	2.80E+00	1.00E+01	
TM	9	L14894-01	2/11/2009	Ce-144	-9.00E+00	1.00E+01	3.70E+01	
TM	9	L14894-01	2/11/2009	Co-57	-4.00E-01	1.30E+00	4.40E+00	
TM	9	L14894-01	2/11/2009	Co-58	-1.70E+00	1.80E+00	6.90E+00	
TM	9	L14894-01	2/11/2009	Co-60	3.00E-01	2.40E+00	8.60E+00	
TM	9	L14894-01	2/11/2009	Cr-51	4.00E+00	1.60E+01	5.60E+01	
TM	9	L14894-01	2/11/2009	Cs-134	8.00E-01	1.40E+00	6.50E+00	
TM	9	L14894-01	2/11/2009	Cs-137	-2.30E+00	1.80E+00	6.70E+00	
TM	9	L14894-01	2/11/2009	Fe-59	3.50E+00	4.40E+00	1.50E+01	
TM	9	L14894-01	2/11/2009	I-131	7.00E-02	2.30E-01	9.20E-01	
TM	9	L14894-01	2/11/2009	I-131	-2.60E+00	3.20E+00	1.20E+01	
TM	9	L14894-01	2/11/2009	K-40	1.47E+03	6.90E+01	9.30E+01	*
TM	9	L14894-01	2/11/2009	La-140	-4.20E+00	3.10E+00	1.30E+01	
TM	9	L14894-01	2/11/2009	Mn-54	-2.00E-01	1.80E+00	6.30E+00	
TM	9	L14894-01	2/11/2009	Nb-95	-4.00E-01	2.20E+00	7.80E+00	
TM	9	L14894-01	2/11/2009	Ru-103	-3.10E+00	2.00E+00	7.40E+00	
TM	9	L14894-01	2/11/2009	Ru-106	1.50E+01	1.70E+01	5.70E+01	
TM	9	L14894-01	2/11/2009	Sb-124	8.00E-01	3.60E+00	1.40E+01	
TM	9	L14894-01	2/11/2009	Sb-125	6.50E+00	4.50E+00	1.50E+01	
TM	9	L14894-01	2/11/2009	Se-75	3.40E+00	2.30E+00	7.80E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L14894-01	2/11/2009	Zn-65	-2.30E+00	5.00E+00	1.80E+01	
TM	9	L14894-01	2/11/2009	Zr-95	-2.20E+00	3.30E+00	1.20E+01	
TM	9	L14967-01	3/11/2009	AcTh-228	-1.07E+01	6.80E+00	2.70E+01	
TM	9	L14967-01	3/11/2009	Ag-108m	-3.00E-01	1.50E+00	5.50E+00	
TM	9	L14967-01	3/11/2009	Ag-110m	2.20E+00	2.60E+00	9.00E+00	
TM	9	L14967-01	3/11/2009	Ba-140	1.00E-01	3.70E+00	1.40E+01	
TM	9	L14967-01	3/11/2009	Be-7	1.30E+01	1.50E+01	5.20E+01	
TM	9	L14967-01	3/11/2009	Ce-141	2.10E+00	2.70E+00	9.00E+00	
TM	9	L14967-01	3/11/2009	Ce-144	2.12E+01	9.30E+00	3.00E+01	
TM	9	L14967-01	3/11/2009	Co-57	-2.00E-01	1.20E+00	4.20E+00	
TM	9	L14967-01	3/11/2009	Co-58	4.20E+00	2.10E+00	6.80E+00	
TM	9	L14967-01	3/11/2009	Co-60	1.30E+00	2.20E+00	7.70E+00	
TM	9	L14967-01	3/11/2009	Cr-51	2.00E+00	1.50E+01	5.30E+01	
TM	9	L14967-01	3/11/2009	Cs-134	-1.20E+00	1.40E+00	6.20E+00	
TM	9	L14967-01	3/11/2009	Cs-137	3.10E+00	2.00E+00	6.40E+00	
TM	9	L14967-01	3/11/2009	Fe-59	-3.80E+00	4.70E+00	1.80E+01	
TM	9	L14967-01	3/11/2009	I-131	-1.11E-01	1.90E-02	8.60E-01	
TM	9	L14967-01	3/11/2009	I-131	9.00E-01	2.70E+00	9.30E+00	
TM	9	L14967-01	3/11/2009	K-40	1.35E+03	7.30E+01	1.10E+02	*
TM	9	L14967-01	3/11/2009	La-140	1.00E-01	3.70E+00	1.40E+01	
TM	9	L14967-01	3/11/2009	Mn-54	2.20E+00	1.80E+00	6.10E+00	
TM	9	L14967-01	3/11/2009	Nb-95	-7.00E-01	2.50E+00	8.90E+00	
TM	9	L14967-01	3/11/2009	Ru-103	-2.10E+00	1.80E+00	6.70E+00	
TM	9	L14967-01	3/11/2009	Ru-106	2.00E+00	1.60E+01	5.70E+01	
TM	9	L14967-01	3/11/2009	Sb-124	9.00E-01	4.30E+00	1.60E+01	
TM	9	L14967-01	3/11/2009	Sb-125	7.70E+00	5.00E+00	1.70E+01	
TM	9	L14967-01	3/11/2009	Se-75	8.00E-01	2.00E+00	6.80E+00	
TM	9	L14967-01	3/11/2009	Zn-65	-1.70E+00	5.50E+00	2.00E+01	
TM	9	L14967-01	3/11/2009	Zr-95	-6.00E-01	3.90E+00	1.40E+01	
TM	9	L15062-01	4/8/2009	AcTh-228	-8.60E+00	7.50E+00	2.90E+01	
TM	9	L15062-01	4/8/2009	Ag-108m	4.00E-01	1.70E+00	5.90E+00	
TM	9	L15062-01	4/8/2009	Ag-110m	-2.50E+00	3.00E+00	1.10E+01	
TM	9	L15062-01	4/8/2009	Ba-140	0.00E+00	3.50E+00	1.30E+01	
TM	9	L15062-01	4/8/2009	Be-7	-3.20E+01	1.60E+01	6.20E+01	
TM	9	L15062-01	4/8/2009	Ce-141	-6.00E-01	2.90E+00	1.00E+01	
TM	9	L15062-01	4/8/2009	Ce-144	-8.00E+00	1.10E+01	3.90E+01	
TM	9	L15062-01	4/8/2009	Co-57	-1.00E-01	1.40E+00	4.80E+00	
TM	9	L15062-01	4/8/2009	Co-58	-1.70E+00	2.00E+00	7.50E+00	
TM	9	L15062-01	4/8/2009	Co-60	-3.40E+00	2.30E+00	9.30E+00	
TM	9	L15062-01	4/8/2009	Cr-51	1.40E+01	1.60E+01	5.40E+01	
TM	9	L15062-01	4/8/2009	Cs-134	-1.50E+00	1.40E+00	7.30E+00	
TM	9	L15062-01	4/8/2009	Cs-137	-5.00E-01	2.10E+00	7.70E+00	
TM	9	L15062-01	4/8/2009	Fe-59	2.60E+00	4.60E+00	1.60E+01	
TM	9	L15062-01	4/8/2009	I-131	-1.30E-01	1.40E-01	9.90E-01	
TM	9	L15062-01	4/8/2009	I-131	2.40E+00	3.60E+00	1.20E+01	
TM	9	L15062-01	4/8/2009	K-40	1.44E+03	7.50E+01	1.00E+02	*
TM	9	L15062-01	4/8/2009	La-140	0.00E+00	3.50E+00	1.30E+01	
TM	9	L15062-01	4/8/2009	Mn-54	-1.40E+00	1.70E+00	6.50E+00	
TM	9	L15062-01	4/8/2009	Nb-95	-4.00E-01	2.30E+00	8.20E+00	
TM	9	L15062-01	4/8/2009	Ru-103	-2.50E+00	2.00E+00	7.60E+00	
TM	9	L15062-01	4/8/2009	Ru-106	-2.00E+00	1.80E+01	6.60E+01	
TM	9	L15062-01	4/8/2009	Sb-124	3.60E+00	4.00E+00	1.40E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L15062-01	4/8/2009	Sb-125	-8.70E+00	4.50E+00	1.80E+01	
TM	9	L15062-01	4/8/2009	Se-75	-2.00E-01	2.30E+00	8.00E+00	
TM	9	L15062-01	4/8/2009	Zn-65	-1.24E+01	5.20E+00	2.10E+01	
TM	9	L15062-01	4/8/2009	Zr-95	-2.00E+00	3.40E+00	1.30E+01	
TM	9	L15117-01	4/22/2009	AcTh-228	1.04E+01	7.10E+00	2.40E+01	
TM	9	L15117-01	4/22/2009	Ag-108m	2.40E+00	1.50E+00	4.90E+00	
TM	9	L15117-01	4/22/2009	Ag-110m	6.90E+00	3.00E+00	9.30E+00	
TM	9	L15117-01	4/22/2009	Ba-140	3.50E+00	3.60E+00	1.20E+01	
TM	9	L15117-01	4/22/2009	Be-7	-2.70E+01	1.50E+01	5.80E+01	
TM	9	L15117-01	4/22/2009	Ce-141	-2.20E+00	2.70E+00	9.50E+00	
TM	9	L15117-01	4/22/2009	Ce-144	-1.10E+01	1.00E+01	3.60E+01	
TM	9	L15117-01	4/22/2009	Co-57	-2.30E+00	1.40E+00	5.00E+00	
TM	9	L15117-01	4/22/2009	Co-58	-1.80E+00	1.90E+00	7.20E+00	
TM	9	L15117-01	4/22/2009	Co-60	3.70E+00	2.20E+00	7.00E+00	
TM	9	L15117-01	4/22/2009	Cr-51	9.00E+00	1.50E+01	5.30E+01	
TM	9	L15117-01	4/22/2009	Cs-134	1.80E+00	1.50E+00	6.30E+00	
TM	9	L15117-01	4/22/2009	Cs-137	-2.60E+00	1.80E+00	6.80E+00	
TM	9	L15117-01	4/22/2009	Fe-59	-2.00E+00	3.90E+00	1.50E+01	
TM	9	L15117-01	4/22/2009	I-131	-2.68E-01	3.80E-02	8.60E-01	
TM	9	L15117-01	4/22/2009	I-131	2.40E+00	3.20E+00	1.10E+01	
TM	9	L15117-01	4/22/2009	K-40	1.42E+03	7.20E+01	1.00E+02	*
TM	9	L15117-01	4/22/2009	La-140	3.50E+00	3.60E+00	1.20E+01	
TM	9	L15117-01	4/22/2009	Mn-54	-3.30E+00	1.70E+00	6.90E+00	
TM	9	L15117-01	4/22/2009	Nb-95	3.80E+00	1.90E+00	6.10E+00	
TM	9	L15117-01	4/22/2009	Ru-103	0.00E+00	2.00E+00	7.00E+00	
TM	9	L15117-01	4/22/2009	Ru-106	-5.00E+00	1.60E+01	5.90E+01	
TM	9	L15117-01	4/22/2009	Sb-124	-5.80E+00	3.40E+00	1.60E+01	
TM	9	L15117-01	4/22/2009	Sb-125	3.20E+00	4.70E+00	1.60E+01	
TM	9	L15117-01	4/22/2009	Se-75	-3.00E-01	2.10E+00	7.50E+00	
TM	9	L15117-01	4/22/2009	Zn-65	-6.00E+00	5.00E+00	1.90E+01	
TM	9	L15117-01	4/22/2009	Zr-95	4.80E+00	3.10E+00	1.00E+01	
TM	9	L15188-01	5/6/2009	AcTh-228	3.80E+00	8.00E+00	2.80E+01	
TM	9	L15188-01	5/6/2009	Ag-108m	-3.00E-01	1.80E+00	6.40E+00	
TM	9	L15188-01	5/6/2009	Ag-110m	-2.00E+00	2.90E+00	1.10E+01	
TM	9	L15188-01	5/6/2009	Ba-140	5.00E+00	3.30E+00	1.10E+01	
TM	9	L15188-01	5/6/2009	Be-7	-3.90E+01	1.90E+01	7.20E+01	
TM	9	L15188-01	5/6/2009	Ce-141	-2.30E+00	3.00E+00	1.10E+01	
TM	9	L15188-01	5/6/2009	Ce-144	6.00E+00	1.10E+01	3.80E+01	
TM	9	L15188-01	5/6/2009	Co-57	1.80E+00	1.40E+00	4.50E+00	
TM	9	L15188-01	5/6/2009	Co-58	1.40E+00	2.00E+00	7.20E+00	
TM	9	L15188-01	5/6/2009	Co-60	-1.50E+00	2.30E+00	8.90E+00	
TM	9	L15188-01	5/6/2009	Cr-51	-3.00E+00	1.50E+01	5.40E+01	
TM	9	L15188-01	5/6/2009	Cs-134	-1.00E-01	1.50E+00	7.00E+00	
TM	9	L15188-01	5/6/2009	Cs-137	-1.30E+00	2.10E+00	7.70E+00	
TM	9	L15188-01	5/6/2009	Fe-59	1.50E+00	4.20E+00	1.50E+01	
TM	9	L15188-01	5/6/2009	I-131	-3.00E-02	1.80E-01	9.70E-01	
TM	9	L15188-01	5/6/2009	I-131	-3.60E+00	4.00E+00	1.50E+01	
TM	9	L15188-01	5/6/2009	K-40	1.41E+03	7.80E+01	1.00E+02	*
TM	9	L15188-01	5/6/2009	La-140	5.00E+00	3.30E+00	1.10E+01	
TM	9	L15188-01	5/6/2009	Mn-54	1.60E+00	1.90E+00	6.70E+00	
TM	9	L15188-01	5/6/2009	Nb-95	-1.50E+00	2.30E+00	8.70E+00	
TM	9	L15188-01	5/6/2009	Ru-103	1.30E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L15188-01	5/6/2009	Ru-106	7.00E+00	1.80E+01	6.40E+01	
TM	9	L15188-01	5/6/2009	Sb-124	-1.00E+00	3.90E+00	1.60E+01	
TM	9	L15188-01	5/6/2009	Sb-125	-6.30E+00	5.10E+00	1.90E+01	
TM	9	L15188-01	5/6/2009	Se-75	6.00E-01	2.30E+00	8.10E+00	
TM	9	L15188-01	5/6/2009	Zn-65	1.30E+00	5.10E+00	1.80E+01	
TM	9	L15188-01	5/6/2009	Zr-95	-5.10E+00	3.90E+00	1.50E+01	
TM	9	L15224-01	5/20/2009	AcTh-228	-9.00E+00	7.50E+00	2.80E+01	
TM	9	L15224-01	5/20/2009	Ag-108m	-1.50E+00	1.50E+00	5.50E+00	
TM	9	L15224-01	5/20/2009	Ag-110m	-9.00E-01	2.50E+00	9.20E+00	
TM	9	L15224-01	5/20/2009	Ba-140	-6.00E-01	3.80E+00	1.40E+01	
TM	9	L15224-01	5/20/2009	Be-7	9.00E+00	1.40E+01	5.00E+01	
TM	9	L15224-01	5/20/2009	Ce-141	-5.30E+00	3.00E+00	1.10E+01	
TM	9	L15224-01	5/20/2009	Ce-144	5.00E+00	1.10E+01	3.80E+01	
TM	9	L15224-01	5/20/2009	Co-57	2.30E+00	1.40E+00	4.70E+00	
TM	9	L15224-01	5/20/2009	Co-58	2.00E-01	2.00E+00	7.00E+00	
TM	9	L15224-01	5/20/2009	Co-60	0.00E+00	2.20E+00	8.10E+00	
TM	9	L15224-01	5/20/2009	Cr-51	-1.00E+01	1.80E+01	6.40E+01	
TM	9	L15224-01	5/20/2009	Cs-134	-8.00E-01	2.00E+00	7.70E+00	
TM	9	L15224-01	5/20/2009	Cs-137	2.20E+00	1.90E+00	6.40E+00	
TM	9	L15224-01	5/20/2009	Fe-59	-6.30E+00	4.80E+00	1.80E+01	
TM	9	L15224-01	5/20/2009	I-131	6.00E-02	2.00E-01	9.60E-01	
TM	9	L15224-01	5/20/2009	I-131	3.00E-01	3.50E+00	1.20E+01	
TM	9	L15224-01	5/20/2009	K-40	1.28E+03	6.80E+01	1.00E+02	*
TM	9	L15224-01	5/20/2009	La-140	-6.00E-01	3.80E+00	1.40E+01	
TM	9	L15224-01	5/20/2009	Mn-54	4.00E-01	1.90E+00	6.90E+00	
TM	9	L15224-01	5/20/2009	Nb-95	-2.00E+00	2.40E+00	9.00E+00	
TM	9	L15224-01	5/20/2009	Ru-103	-4.00E-01	2.20E+00	7.70E+00	
TM	9	L15224-01	5/20/2009	Ru-106	-1.70E+01	1.80E+01	6.60E+01	
TM	9	L15224-01	5/20/2009	Sb-124	-8.00E+00	4.10E+00	1.80E+01	
TM	9	L15224-01	5/20/2009	Sb-125	1.02E+01	5.00E+00	1.60E+01	
TM	9	L15224-01	5/20/2009	Se-75	-6.00E-01	2.30E+00	8.10E+00	
TM	9	L15224-01	5/20/2009	Zn-65	1.69E+01	9.10E+00	3.00E+01	
TM	9	L15224-01	5/20/2009	Zr-95	2.30E+00	3.40E+00	1.20E+01	
TM	9	L15284-01	6/3/2009	AcTh-228	-2.70E+00	8.60E+00	3.20E+01	
TM	9	L15284-01	6/3/2009	Ag-108m	7.00E-01	2.00E+00	6.80E+00	
TM	9	L15284-01	6/3/2009	Ag-110m	5.10E+00	2.90E+00	9.40E+00	
TM	9	L15284-01	6/3/2009	Ba-140	-1.40E+00	3.00E+00	1.30E+01	
TM	9	L15284-01	6/3/2009	Be-7	4.00E+00	2.00E+01	6.90E+01	
TM	9	L15284-01	6/3/2009	Ce-141	-3.00E+00	3.20E+00	1.10E+01	
TM	9	L15284-01	6/3/2009	Ce-144	1.40E+01	1.30E+01	4.40E+01	
TM	9	L15284-01	6/3/2009	Co-57	-4.00E-01	1.60E+00	5.60E+00	
TM	9	L15284-01	6/3/2009	Co-58	-9.00E-01	2.20E+00	8.10E+00	
TM	9	L15284-01	6/3/2009	Co-60	4.00E-01	2.10E+00	7.80E+00	
TM	9	L15284-01	6/3/2009	Cr-51	2.30E+01	1.80E+01	5.90E+01	
TM	9	L15284-01	6/3/2009	Cs-134	3.00E+00	2.10E+00	7.40E+00	
TM	9	L15284-01	6/3/2009	Cs-137	3.00E-01	2.40E+00	8.50E+00	
TM	9	L15284-01	6/3/2009	Fe-59	-4.10E+00	5.10E+00	2.00E+01	
TM	9	L15284-01	6/3/2009	I-131	5.70E+00	4.10E+00	1.40E+01	
TM	9	L15284-01	6/3/2009	I-131	-1.00E-02	1.50E-01	9.20E-01	
TM	9	L15284-01	6/3/2009	K-40	1.39E+03	8.10E+01	1.20E+02	*
TM	9	L15284-01	6/3/2009	La-140	-1.40E+00	3.00E+00	1.30E+01	
TM	9	L15284-01	6/3/2009	Mn-54	-1.40E+00	2.10E+00	8.10E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L15284-01	6/3/2009	Nb-95	2.40E+00	2.70E+00	9.20E+00	
TM	9	L15284-01	6/3/2009	Ru-103	-3.10E+00	2.30E+00	8.70E+00	
TM	9	L15284-01	6/3/2009	Ru-106	-1.30E+01	1.90E+01	7.30E+01	
TM	9	L15284-01	6/3/2009	Sb-124	3.10E+00	5.40E+00	2.00E+01	
TM	9	L15284-01	6/3/2009	Sb-125	2.40E+00	5.30E+00	1.90E+01	
TM	9	L15284-01	6/3/2009	Se-75	1.40E+00	2.30E+00	8.00E+00	
TM	9	L15284-01	6/3/2009	Zn-65	7.70E+00	9.00E+00	3.10E+01	
TM	9	L15284-01	6/3/2009	Zr-95	-4.20E+00	3.60E+00	1.40E+01	
TM	9	L15324-01	6/17/2009	AcTh-228	1.82E+01	8.30E+00	2.60E+01	
TM	9	L15324-01	6/17/2009	Ag-108m	-2.40E+00	1.60E+00	6.00E+00	
TM	9	L15324-01	6/17/2009	Ag-110m	-3.20E+00	2.80E+00	1.10E+01	
TM	9	L15324-01	6/17/2009	Ba-140	7.00E-01	3.80E+00	1.40E+01	
TM	9	L15324-01	6/17/2009	Be-7	0.00E+00	1.50E+01	5.30E+01	
TM	9	L15324-01	6/17/2009	Ce-141	5.10E+00	2.50E+00	8.20E+00	
TM	9	L15324-01	6/17/2009	Ce-144	-1.09E+01	9.00E+00	3.20E+01	
TM	9	L15324-01	6/17/2009	Co-57	5.00E-01	1.20E+00	4.00E+00	
TM	9	L15324-01	6/17/2009	Co-58	-3.00E-01	2.10E+00	7.50E+00	
TM	9	L15324-01	6/17/2009	Co-60	-8.00E-01	2.30E+00	8.70E+00	
TM	9	L15324-01	6/17/2009	Cr-51	4.00E+00	1.60E+01	5.50E+01	
TM	9	L15324-01	6/17/2009	Cs-134	-2.70E+00	1.50E+00	8.00E+00	
TM	9	L15324-01	6/17/2009	Cs-137	-1.10E+00	2.10E+00	7.70E+00	
TM	9	L15324-01	6/17/2009	Fe-59	-6.00E-01	4.90E+00	1.80E+01	
TM	9	L15324-01	6/17/2009	I-131	6.00E-01	3.30E+00	1.20E+01	
TM	9	L15324-01	6/17/2009	I-131	5.00E-02	2.00E-01	9.00E-01	
TM	9	L15324-01	6/17/2009	K-40	1.31E+03	7.70E+01	1.10E+02	*
TM	9	L15324-01	6/17/2009	La-140	7.00E-01	3.80E+00	1.40E+01	
TM	9	L15324-01	6/17/2009	Mn-54	1.80E+00	1.80E+00	6.10E+00	
TM	9	L15324-01	6/17/2009	Nb-95	-2.40E+00	1.90E+00	7.60E+00	
TM	9	L15324-01	6/17/2009	Ru-103	-6.10E+00	2.00E+00	8.00E+00	
TM	9	L15324-01	6/17/2009	Ru-106	2.60E+01	1.90E+01	6.20E+01	
TM	9	L15324-01	6/17/2009	Sb-124	9.20E+00	4.70E+00	1.40E+01	
TM	9	L15324-01	6/17/2009	Sb-125	-2.30E+00	5.10E+00	1.80E+01	
TM	9	L15324-01	6/17/2009	Se-75	9.00E-01	1.90E+00	6.70E+00	
TM	9	L15324-01	6/17/2009	Zn-65	5.10E+00	4.50E+00	1.50E+01	
TM	9	L15324-01	6/17/2009	Zr-95	2.50E+00	3.60E+00	1.20E+01	
TM	9	L15446-01	7/15/2009	AcTh-228	1.30E+00	5.10E+00	1.90E+01	
TM	9	L15446-01	7/15/2009	Ag-108m	-4.00E-01	1.10E+00	4.00E+00	
TM	9	L15446-01	7/15/2009	Ag-110m	-2.70E+00	2.20E+00	8.40E+00	
TM	9	L15446-01	7/15/2009	Ba-140	7.00E-01	2.40E+00	9.50E+00	
TM	9	L15446-01	7/15/2009	Be-7	6.00E+00	1.20E+01	4.10E+01	
TM	9	L15446-01	7/15/2009	Ce-141	-2.70E+00	2.80E+00	9.90E+00	
TM	9	L15446-01	7/15/2009	Ce-144	2.52E+01	9.20E+00	2.90E+01	
TM	9	L15446-01	7/15/2009	Co-57	-9.00E-01	1.20E+00	4.20E+00	
TM	9	L15446-01	7/15/2009	Co-58	-8.00E-01	1.60E+00	6.00E+00	
TM	9	L15446-01	7/15/2009	Co-60	-2.00E+00	1.60E+00	6.30E+00	
TM	9	L15446-01	7/15/2009	Cr-51	1.00E+00	1.50E+01	5.30E+01	
TM	9	L15446-01	7/15/2009	Cs-134	3.40E-01	9.20E-01	4.10E+00	
TM	9	L15446-01	7/15/2009	Cs-137	1.80E+00	1.40E+00	4.70E+00	
TM	9	L15446-01	7/15/2009	Fe-59	-1.20E+00	3.30E+00	1.30E+01	
TM	9	L15446-01	7/15/2009	I-131	-1.90E-01	2.90E-02	8.70E-01	
TM	9	L15446-01	7/15/2009	I-131	-5.20E+00	4.70E+00	1.80E+01	
TM	9	L15446-01	7/15/2009	K-40	1.39E+03	6.20E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L15446-01	7/15/2009	La-140	7.00E-01	2.40E+00	9.50E+00	
TM	9	L15446-01	7/15/2009	Mn-54	1.90E+00	1.50E+00	5.10E+00	
TM	9	L15446-01	7/15/2009	Nb-95	4.70E+00	2.00E+00	6.10E+00	
TM	9	L15446-01	7/15/2009	Ru-103	1.40E+00	1.80E+00	6.20E+00	
TM	9	L15446-01	7/15/2009	Ru-106	1.40E+01	1.20E+01	4.10E+01	
TM	9	L15446-01	7/15/2009	Sb-124	-5.00E+00	3.30E+00	1.40E+01	
TM	9	L15446-01	7/15/2009	Sb-125	-1.20E+00	3.50E+00	1.30E+01	
TM	9	L15446-01	7/15/2009	Se-75	-3.00E+00	2.00E+00	7.40E+00	
TM	9	L15446-01	7/15/2009	Zn-65	-3.50E+00	3.60E+00	1.40E+01	
TM	9	L15446-01	7/15/2009	Zr-95	2.20E+00	2.80E+00	9.80E+00	
TM	9	L15489-01	7/29/2009	AcTh-228	6.00E-01	7.00E+00	2.50E+01	
TM	9	L15489-01	7/29/2009	Ag-108m	2.30E+00	1.40E+00	4.60E+00	
TM	9	L15489-01	7/29/2009	Ag-110m	-3.50E+00	2.60E+00	1.00E+01	
TM	9	L15489-01	7/29/2009	Ba-140	3.30E+00	2.80E+00	9.60E+00	
TM	9	L15489-01	7/29/2009	Be-7	-4.00E+00	1.30E+01	4.70E+01	
TM	9	L15489-01	7/29/2009	Ce-141	-5.70E+00	2.60E+00	9.60E+00	
TM	9	L15489-01	7/29/2009	Ce-144	-8.30E+00	9.60E+00	3.40E+01	
TM	9	L15489-01	7/29/2009	Co-57	2.10E+00	1.20E+00	4.00E+00	
TM	9	L15489-01	7/29/2009	Co-58	4.00E-01	1.70E+00	5.90E+00	
TM	9	L15489-01	7/29/2009	Co-60	-1.10E+00	1.90E+00	7.40E+00	
TM	9	L15489-01	7/29/2009	Cr-51	2.80E+01	1.50E+01	4.80E+01	
TM	9	L15489-01	7/29/2009	Cs-134	-5.00E-01	1.30E+00	6.30E+00	
TM	9	L15489-01	7/29/2009	Cs-137	1.20E+00	1.70E+00	5.80E+00	
TM	9	L15489-01	7/29/2009	Fe-59	7.90E+00	4.70E+00	1.50E+01	
TM	9	L15489-01	7/29/2009	I-131	-4.00E+00	3.40E+00	1.30E+01	
TM	9	L15489-01	7/29/2009	I-131	1.80E-01	2.00E-01	7.50E-01	
TM	9	L15489-01	7/29/2009	K-40	1.40E+03	6.80E+01	9.70E+01	*
TM	9	L15489-01	7/29/2009	La-140	3.30E+00	2.80E+00	9.60E+00	
TM	9	L15489-01	7/29/2009	Mn-54	-5.20E+00	1.90E+00	7.50E+00	
TM	9	L15489-01	7/29/2009	Nb-95	3.00E-01	2.10E+00	7.50E+00	
TM	9	L15489-01	7/29/2009	Ru-103	-1.20E+00	2.00E+00	7.10E+00	
TM	9	L15489-01	7/29/2009	Ru-106	8.00E+00	1.70E+01	6.10E+01	
TM	9	L15489-01	7/29/2009	Sb-124	0.00E+00	3.60E+00	1.40E+01	
TM	9	L15489-01	7/29/2009	Sb-125	-4.00E-01	4.10E+00	1.50E+01	
TM	9	L15489-01	7/29/2009	Se-75	2.20E+00	2.20E+00	7.40E+00	
TM	9	L15489-01	7/29/2009	Zn-65	6.10E+00	3.90E+00	1.30E+01	
TM	9	L15489-01	7/29/2009	Zr-95	1.80E+00	3.30E+00	1.20E+01	
TM	9	L15527-01	8/12/2009	AcTh-228	-7.90E+00	8.10E+00	3.10E+01	
TM	9	L15527-01	8/12/2009	Ag-108m	-2.20E+00	1.70E+00	6.50E+00	
TM	9	L15527-01	8/12/2009	Ag-110m	3.00E+00	2.70E+00	9.20E+00	
TM	9	L15527-01	8/12/2009	Ba-140	2.60E+00	3.50E+00	1.30E+01	
TM	9	L15527-01	8/12/2009	Be-7	-8.00E+00	1.50E+01	5.60E+01	
TM	9	L15527-01	8/12/2009	Ce-141	1.70E+00	2.90E+00	9.70E+00	
TM	9	L15527-01	8/12/2009	Ce-144	-4.00E+00	1.10E+01	3.70E+01	
TM	9	L15527-01	8/12/2009	Co-57	-3.00E-01	1.30E+00	4.60E+00	
TM	9	L15527-01	8/12/2009	Co-58	-8.00E-01	1.90E+00	7.10E+00	
TM	9	L15527-01	8/12/2009	Co-60	3.10E+00	1.80E+00	5.80E+00	
TM	9	L15527-01	8/12/2009	Cr-51	-2.90E+01	1.50E+01	5.90E+01	
TM	9	L15527-01	8/12/2009	Cs-134	4.00E-01	1.70E+00	7.70E+00	
TM	9	L15527-01	8/12/2009	Cs-137	-2.00E-01	2.00E+00	7.30E+00	
TM	9	L15527-01	8/12/2009	Fe-59	2.00E+00	4.60E+00	1.60E+01	
TM	9	L15527-01	8/12/2009	I-131	-1.59E-01	2.70E-02	9.50E-01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	9	L15527-01	8/12/2009	I-131	-2.70E+00	3.70E+00	1.30E+01	
TM	9	L15527-01	8/12/2009	K-40	1.30E+03	7.20E+01	9.30E+01	*
TM	9	L15527-01	8/12/2009	La-140	2.60E+00	3.50E+00	1.30E+01	
TM	9	L15527-01	8/12/2009	Mn-54	7.00E-01	1.90E+00	6.80E+00	
TM	9	L15527-01	8/12/2009	Nb-95	-2.20E+00	2.00E+00	7.90E+00	
TM	9	L15527-01	8/12/2009	Ru-103	-5.80E+00	2.10E+00	8.40E+00	
TM	9	L15527-01	8/12/2009	Ru-106	0.00E+00	1.80E+01	6.50E+01	
TM	9	L15527-01	8/12/2009	Sb-124	5.60E+00	5.20E+00	1.80E+01	
TM	9	L15527-01	8/12/2009	Sb-125	-1.09E+01	5.60E+00	2.10E+01	
TM	9	L15527-01	8/12/2009	Se-75	1.80E+00	2.20E+00	7.60E+00	
TM	9	L15527-01	8/12/2009	Zn-65	-1.27E+01	5.10E+00	2.10E+01	
TM	9	L15527-01	8/12/2009	Zr-95	-6.90E+00	3.60E+00	1.40E+01	
TM	9	L15583-01	8/26/2009	AcTh-228	-1.50E+01	7.60E+00	3.00E+01	
TM	9	L15583-01	8/26/2009	Ag-108m	0.00E+00	1.60E+00	5.80E+00	
TM	9	L15583-01	8/26/2009	Ag-110m	1.20E+00	2.40E+00	8.50E+00	
TM	9	L15583-01	8/26/2009	Ba-140	2.40E+00	3.60E+00	1.30E+01	
TM	9	L15583-01	8/26/2009	Be-7	2.00E+00	1.50E+01	5.40E+01	
TM	9	L15583-01	8/26/2009	Ce-141	3.50E+00	2.70E+00	8.80E+00	
TM	9	L15583-01	8/26/2009	Ce-144	-7.00E+00	1.10E+01	3.80E+01	
TM	9	L15583-01	8/26/2009	Co-57	2.50E+00	1.20E+00	3.90E+00	
TM	9	L15583-01	8/26/2009	Co-58	-3.50E+00	2.00E+00	8.00E+00	
TM	9	L15583-01	8/26/2009	Co-60	-2.60E+00	2.20E+00	8.70E+00	
TM	9	L15583-01	8/26/2009	Cr-51	-1.20E+01	1.70E+01	6.00E+01	
TM	9	L15583-01	8/26/2009	Cs-134	1.70E+00	1.40E+00	6.50E+00	
TM	9	L15583-01	8/26/2009	Cs-137	4.30E+00	2.10E+00	6.70E+00	
TM	9	L15583-01	8/26/2009	Fe-59	2.30E+00	5.10E+00	1.80E+01	
TM	9	L15583-01	8/26/2009	I-131	4.20E-01	2.80E-01	8.60E-01	
TM	9	L15583-01	8/26/2009	I-131	1.00E-01	3.50E+00	1.20E+01	
TM	9	L15583-01	8/26/2009	K-40	1.50E+03	7.50E+01	9.70E+01	*
TM	9	L15583-01	8/26/2009	La-140	2.40E+00	3.60E+00	1.30E+01	
TM	9	L15583-01	8/26/2009	Mn-54	-6.00E-01	2.10E+00	7.50E+00	
TM	9	L15583-01	8/26/2009	Nb-95	-2.70E+00	2.40E+00	9.00E+00	
TM	9	L15583-01	8/26/2009	Ru-103	-1.40E+00	2.10E+00	7.60E+00	
TM	9	L15583-01	8/26/2009	Ru-106	7.00E+00	1.70E+01	6.00E+01	
TM	9	L15583-01	8/26/2009	Sb-124	1.20E+00	4.30E+00	1.60E+01	
TM	9	L15583-01	8/26/2009	Sb-125	8.00E+00	5.20E+00	1.70E+01	
TM	9	L15583-01	8/26/2009	Se-75	1.20E+00	2.20E+00	7.60E+00	
TM	9	L15583-01	8/26/2009	Zn-65	7.40E+00	4.70E+00	1.50E+01	
TM	9	L15583-01	8/26/2009	Zr-95	9.00E-01	3.90E+00	1.40E+01	
TM	15	L14815-02	1/14/2009	AcTh-228	-1.00E+00	9.60E+00	3.40E+01	
TM	15	L14815-02	1/14/2009	Ag-108m	-1.80E+00	1.70E+00	6.40E+00	
TM	15	L14815-02	1/14/2009	Ag-110m	2.00E-01	2.90E+00	1.10E+01	
TM	15	L14815-02	1/14/2009	Ba-140	-3.60E+00	3.40E+00	1.50E+01	
TM	15	L14815-02	1/14/2009	Be-7	7.00E+00	1.70E+01	6.10E+01	
TM	15	L14815-02	1/14/2009	Ce-141	-5.30E+00	2.90E+00	1.10E+01	
TM	15	L14815-02	1/14/2009	Ce-144	-1.40E+01	1.00E+01	3.70E+01	
TM	15	L14815-02	1/14/2009	Co-57	0.00E+00	1.40E+00	4.80E+00	
TM	15	L14815-02	1/14/2009	Co-58	-5.00E-01	2.40E+00	8.80E+00	
TM	15	L14815-02	1/14/2009	Co-60	-1.50E+00	2.90E+00	1.10E+01	
TM	15	L14815-02	1/14/2009	Cr-51	-1.90E+01	1.60E+01	6.00E+01	
TM	15	L14815-02	1/14/2009	Cs-134	2.00E-01	1.50E+00	6.90E+00	
TM	15	L14815-02	1/14/2009	Cs-137	3.60E+00	2.50E+00	8.30E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L14815-02	1/14/2009	Fe-59	-2.10E+00	4.50E+00	1.70E+01	
TM	15	L14815-02	1/14/2009	I-131	5.00E-02	1.70E-01	8.30E-01	
TM	15	L14815-02	1/14/2009	I-131	-4.40E+00	3.20E+00	1.20E+01	
TM	15	L14815-02	1/14/2009	K-40	1.79E+03	9.30E+01	1.20E+02	*
TM	15	L14815-02	1/14/2009	La-140	-3.60E+00	3.40E+00	1.50E+01	
TM	15	L14815-02	1/14/2009	Mn-54	-6.00E-01	2.20E+00	8.10E+00	
TM	15	L14815-02	1/14/2009	Nb-95	-4.00E-01	2.40E+00	8.80E+00	
TM	15	L14815-02	1/14/2009	Ru-103	-3.10E+00	2.00E+00	7.80E+00	
TM	15	L14815-02	1/14/2009	Ru-106	3.40E+01	1.70E+01	5.50E+01	
TM	15	L14815-02	1/14/2009	Sb-124	8.00E+00	5.70E+00	1.90E+01	
TM	15	L14815-02	1/14/2009	Sb-125	-6.60E+00	5.40E+00	2.00E+01	
TM	15	L14815-02	1/14/2009	Se-75	-3.10E+00	2.20E+00	8.00E+00	
TM	15	L14815-02	1/14/2009	Zn-65	2.80E+00	6.30E+00	2.20E+01	
TM	15	L14815-02	1/14/2009	Zr-95	-1.50E+00	4.20E+00	1.50E+01	
TM	15	L14894-02	2/11/2009	AcTh-228	-6.90E+00	6.60E+00	2.40E+01	
TM	15	L14894-02	2/11/2009	Ag-108m	4.00E-01	1.30E+00	4.40E+00	
TM	15	L14894-02	2/11/2009	Ag-110m	0.00E+00	2.30E+00	8.10E+00	
TM	15	L14894-02	2/11/2009	Ba-140	-2.60E+00	2.50E+00	1.00E+01	
TM	15	L14894-02	2/11/2009	Be-7	1.30E+01	1.40E+01	4.70E+01	
TM	15	L14894-02	2/11/2009	Ce-141	2.70E+00	2.40E+00	8.00E+00	
TM	15	L14894-02	2/11/2009	Ce-144	9.00E-01	9.10E+00	3.10E+01	
TM	15	L14894-02	2/11/2009	Co-57	2.00E-01	1.20E+00	4.10E+00	
TM	15	L14894-02	2/11/2009	Co-58	9.00E-01	1.60E+00	5.60E+00	
TM	15	L14894-02	2/11/2009	Co-60	2.10E+00	1.80E+00	6.10E+00	
TM	15	L14894-02	2/11/2009	Cr-51	-6.00E+00	1.50E+01	5.10E+01	
TM	15	L14894-02	2/11/2009	Cs-134	8.00E-01	1.30E+00	6.20E+00	
TM	15	L14894-02	2/11/2009	Cs-137	-8.00E-01	1.80E+00	6.60E+00	
TM	15	L14894-02	2/11/2009	Fe-59	-2.80E+00	4.20E+00	1.50E+01	
TM	15	L14894-02	2/11/2009	I-131	4.80E+00	3.10E+00	1.00E+01	
TM	15	L14894-02	2/11/2009	I-131	2.10E-01	2.30E-01	8.90E-01	
TM	15	L14894-02	2/11/2009	K-40	1.12E+03	5.60E+01	7.70E+01	*
TM	15	L14894-02	2/11/2009	La-140	-2.60E+00	2.50E+00	1.00E+01	
TM	15	L14894-02	2/11/2009	Mn-54	2.30E+00	1.80E+00	5.90E+00	
TM	15	L14894-02	2/11/2009	Nb-95	-3.80E+00	2.00E+00	7.60E+00	
TM	15	L14894-02	2/11/2009	Ru-103	-1.10E+00	1.90E+00	6.70E+00	
TM	15	L14894-02	2/11/2009	Ru-106	-9.00E+00	1.50E+01	5.40E+01	
TM	15	L14894-02	2/11/2009	Sb-124	0.00E+00	3.50E+00	1.30E+01	
TM	15	L14894-02	2/11/2009	Sb-125	-2.40E+00	4.30E+00	1.50E+01	
TM	15	L14894-02	2/11/2009	Se-75	3.60E+00	1.90E+00	6.30E+00	
TM	15	L14894-02	2/11/2009	Zn-65	6.00E-01	4.30E+00	1.50E+01	
TM	15	L14894-02	2/11/2009	Zr-95	-3.30E+00	3.00E+00	1.10E+01	
TM	15	L14967-02	3/11/2009	AcTh-228	1.30E+00	7.20E+00	2.60E+01	
TM	15	L14967-02	3/11/2009	Ag-108m	1.80E+00	1.40E+00	4.80E+00	
TM	15	L14967-02	3/11/2009	Ag-110m	1.70E+00	2.70E+00	9.30E+00	
TM	15	L14967-02	3/11/2009	Ba-140	-1.10E+00	2.90E+00	1.10E+01	
TM	15	L14967-02	3/11/2009	Be-7	5.00E+00	1.60E+01	5.50E+01	
TM	15	L14967-02	3/11/2009	Ce-141	5.00E-01	2.90E+00	1.00E+01	
TM	15	L14967-02	3/11/2009	Ce-144	6.00E+00	1.00E+01	3.50E+01	
TM	15	L14967-02	3/11/2009	Co-57	-2.00E-01	1.30E+00	4.50E+00	
TM	15	L14967-02	3/11/2009	Co-58	-2.00E+00	1.90E+00	7.10E+00	
TM	15	L14967-02	3/11/2009	Co-60	-2.10E+00	1.90E+00	7.60E+00	
TM	15	L14967-02	3/11/2009	Cr-51	-5.00E+00	1.60E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L14967-02	3/11/2009	Cs-134	1.30E+00	1.90E+00	6.60E+00	
TM	15	L14967-02	3/11/2009	Cs-137	-2.30E+00	2.10E+00	7.90E+00	
TM	15	L14967-02	3/11/2009	Fe-59	-1.00E-01	4.20E+00	1.50E+01	
TM	15	L14967-02	3/11/2009	I-131	1.40E+00	3.30E+00	1.20E+01	
TM	15	L14967-02	3/11/2009	I-131	1.80E-01	2.00E-01	7.90E-01	
TM	15	L14967-02	3/11/2009	K-40	1.54E+03	7.50E+01	1.00E+02	*
TM	15	L14967-02	3/11/2009	La-140	-1.10E+00	2.90E+00	1.10E+01	
TM	15	L14967-02	3/11/2009	Mn-54	1.10E+00	1.80E+00	6.20E+00	
TM	15	L14967-02	3/11/2009	Nb-95	-3.50E+00	2.00E+00	7.70E+00	
TM	15	L14967-02	3/11/2009	Ru-103	-7.00E-01	2.00E+00	7.10E+00	
TM	15	L14967-02	3/11/2009	Ru-106	7.00E+00	1.50E+01	5.40E+01	
TM	15	L14967-02	3/11/2009	Sb-124	0.00E+00	4.50E+00	1.70E+01	
TM	15	L14967-02	3/11/2009	Sb-125	4.30E+00	4.80E+00	1.60E+01	
TM	15	L14967-02	3/11/2009	Se-75	0.00E+00	2.10E+00	7.40E+00	
TM	15	L14967-02	3/11/2009	Zn-65	1.53E+01	7.50E+00	2.40E+01	
TM	15	L14967-02	3/11/2009	Zr-95	-4.30E+00	3.30E+00	1.30E+01	
TM	15	L15062-02	4/8/2009	AcTh-228	-6.20E+00	7.60E+00	2.90E+01	
TM	15	L15062-02	4/8/2009	Ag-108m	2.50E+00	1.60E+00	5.40E+00	
TM	15	L15062-02	4/8/2009	Ag-110m	5.00E-01	2.90E+00	1.10E+01	
TM	15	L15062-02	4/8/2009	Ba-140	3.80E+00	3.00E+00	1.00E+01	
TM	15	L15062-02	4/8/2009	Be-7	9.00E+00	1.90E+01	6.70E+01	
TM	15	L15062-02	4/8/2009	Ce-141	4.80E+00	3.20E+00	1.00E+01	
TM	15	L15062-02	4/8/2009	Ce-144	-4.00E+00	1.20E+01	4.20E+01	
TM	15	L15062-02	4/8/2009	Co-57	-6.00E-01	1.40E+00	5.10E+00	
TM	15	L15062-02	4/8/2009	Co-58	9.00E-01	2.20E+00	8.00E+00	
TM	15	L15062-02	4/8/2009	Co-60	2.00E+00	2.50E+00	8.80E+00	
TM	15	L15062-02	4/8/2009	Cr-51	2.00E+00	1.60E+01	5.70E+01	
TM	15	L15062-02	4/8/2009	Cs-134	-1.10E+00	1.40E+00	6.90E+00	
TM	15	L15062-02	4/8/2009	Cs-137	5.60E+00	2.40E+00	7.30E+00	
TM	15	L15062-02	4/8/2009	Fe-59	-2.40E+00	4.30E+00	1.70E+01	
TM	15	L15062-02	4/8/2009	I-131	0.00E+00	1.80E-01	9.20E-01	
TM	15	L15062-02	4/8/2009	I-131	-3.30E+00	4.00E+00	1.50E+01	
TM	15	L15062-02	4/8/2009	K-40	1.35E+03	7.90E+01	1.10E+02	*
TM	15	L15062-02	4/8/2009	La-140	3.80E+00	3.00E+00	1.00E+01	
TM	15	L15062-02	4/8/2009	Mn-54	3.60E+00	2.10E+00	6.70E+00	
TM	15	L15062-02	4/8/2009	Nb-95	-4.00E+00	2.40E+00	9.50E+00	
TM	15	L15062-02	4/8/2009	Ru-103	-1.10E+00	2.40E+00	8.70E+00	
TM	15	L15062-02	4/8/2009	Ru-106	4.30E+01	1.80E+01	5.50E+01	
TM	15	L15062-02	4/8/2009	Sb-124	1.06E+01	5.20E+00	1.60E+01	
TM	15	L15062-02	4/8/2009	Sb-125	1.22E+01	5.70E+00	1.80E+01	
TM	15	L15062-02	4/8/2009	Se-75	1.80E+00	2.30E+00	8.00E+00	
TM	15	L15062-02	4/8/2009	Zn-65	1.40E+00	4.90E+00	1.80E+01	
TM	15	L15062-02	4/8/2009	Zr-95	-1.30E+00	4.00E+00	1.50E+01	
TM	15	L15117-02	4/22/2009	AcTh-228	-4.70E+00	6.60E+00	2.50E+01	
TM	15	L15117-02	4/22/2009	Ag-108m	-2.00E-01	1.50E+00	5.50E+00	
TM	15	L15117-02	4/22/2009	Ag-110m	-2.70E+00	2.60E+00	9.90E+00	
TM	15	L15117-02	4/22/2009	Ba-140	3.60E+00	3.00E+00	1.00E+01	
TM	15	L15117-02	4/22/2009	Be-7	5.00E+00	1.60E+01	5.70E+01	
TM	15	L15117-02	4/22/2009	Ce-141	-1.30E+00	2.80E+00	9.80E+00	
TM	15	L15117-02	4/22/2009	Ce-144	1.00E+01	1.10E+01	3.60E+01	
TM	15	L15117-02	4/22/2009	Co-57	1.20E+00	1.30E+00	4.20E+00	
TM	15	L15117-02	4/22/2009	Co-58	2.70E+00	2.00E+00	6.80E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15117-02	4/22/2009	Co-60	-1.00E+00	2.00E+00	7.90E+00	
TM	15	L15117-02	4/22/2009	Cr-51	4.00E+00	1.80E+01	6.10E+01	
TM	15	L15117-02	4/22/2009	Cs-134	-4.00E-01	1.40E+00	7.20E+00	
TM	15	L15117-02	4/22/2009	Cs-137	2.00E-01	1.80E+00	6.50E+00	
TM	15	L15117-02	4/22/2009	Fe-59	-4.00E-01	4.80E+00	1.70E+01	
TM	15	L15117-02	4/22/2009	I-131	-3.00E+00	3.30E+00	1.20E+01	
TM	15	L15117-02	4/22/2009	I-131	-2.64E-01	3.70E-02	8.50E-01	
TM	15	L15117-02	4/22/2009	K-40	1.49E+03	7.50E+01	9.90E+01	*
TM	15	L15117-02	4/22/2009	La-140	3.60E+00	3.00E+00	1.00E+01	
TM	15	L15117-02	4/22/2009	Mn-54	-1.90E+00	1.90E+00	7.40E+00	
TM	15	L15117-02	4/22/2009	Nb-95	2.30E+00	2.10E+00	7.10E+00	
TM	15	L15117-02	4/22/2009	Ru-103	-1.00E-01	2.00E+00	7.10E+00	
TM	15	L15117-02	4/22/2009	Ru-106	9.00E+00	1.60E+01	5.50E+01	
TM	15	L15117-02	4/22/2009	Sb-124	6.10E+00	3.80E+00	1.20E+01	
TM	15	L15117-02	4/22/2009	Sb-125	-4.70E+00	4.80E+00	1.80E+01	
TM	15	L15117-02	4/22/2009	Se-75	-4.50E+00	2.10E+00	8.00E+00	
TM	15	L15117-02	4/22/2009	Zn-65	2.20E+00	4.70E+00	1.60E+01	
TM	15	L15117-02	4/22/2009	Zr-95	0.00E+00	3.30E+00	1.20E+01	
TM	15	L15188-02	5/7/2009	AcTh-228	-4.30E+00	7.30E+00	2.70E+01	
TM	15	L15188-02	5/7/2009	Ag-108m	-1.70E+00	1.40E+00	5.10E+00	
TM	15	L15188-02	5/7/2009	Ag-110m	-5.00E-01	2.70E+00	9.60E+00	
TM	15	L15188-02	5/7/2009	Ba-140	-2.60E+00	3.10E+00	1.30E+01	
TM	15	L15188-02	5/7/2009	Be-7	2.00E+00	1.50E+01	5.40E+01	
TM	15	L15188-02	5/7/2009	Ce-141	7.00E-01	2.80E+00	9.70E+00	
TM	15	L15188-02	5/7/2009	Ce-144	-2.30E+00	9.80E+00	3.40E+01	
TM	15	L15188-02	5/7/2009	Co-57	-7.00E-01	1.30E+00	4.40E+00	
TM	15	L15188-02	5/7/2009	Co-58	3.30E+00	1.70E+00	5.30E+00	
TM	15	L15188-02	5/7/2009	Co-60	-5.00E-01	1.70E+00	6.40E+00	
TM	15	L15188-02	5/7/2009	Cr-51	8.00E+00	1.50E+01	5.20E+01	
TM	15	L15188-02	5/7/2009	Cs-134	1.00E-01	1.20E+00	5.50E+00	
TM	15	L15188-02	5/7/2009	Cs-137	1.80E+00	1.60E+00	5.60E+00	
TM	15	L15188-02	5/7/2009	Fe-59	9.00E-01	4.10E+00	1.50E+01	
TM	15	L15188-02	5/7/2009	I-131	3.30E+00	5.00E+00	1.70E+01	
TM	15	L15188-02	5/7/2009	I-131	-1.27E-01	1.80E-02	9.50E-01	
TM	15	L15188-02	5/7/2009	K-40	1.49E+03	6.70E+01	8.20E+01	*
TM	15	L15188-02	5/7/2009	La-140	-2.60E+00	3.10E+00	1.30E+01	
TM	15	L15188-02	5/7/2009	Mn-54	-2.70E+00	1.80E+00	6.80E+00	
TM	15	L15188-02	5/7/2009	Nb-95	3.00E-01	2.30E+00	8.00E+00	
TM	15	L15188-02	5/7/2009	Ru-103	-2.40E+00	2.00E+00	7.50E+00	
TM	15	L15188-02	5/7/2009	Ru-106	0.00E+00	1.70E+01	6.10E+01	
TM	15	L15188-02	5/7/2009	Sb-124	3.00E+00	3.60E+00	1.30E+01	
TM	15	L15188-02	5/7/2009	Sb-125	-3.40E+00	4.50E+00	1.60E+01	
TM	15	L15188-02	5/7/2009	Se-75	3.00E-01	1.90E+00	6.50E+00	
TM	15	L15188-02	5/7/2009	Zn-65	-1.40E+00	4.30E+00	1.60E+01	
TM	15	L15188-02	5/7/2009	Zr-95	-4.40E+00	3.30E+00	1.30E+01	
TM	15	L15224-02	5/20/2009	AcTh-228	3.50E+00	6.10E+00	2.10E+01	
TM	15	L15224-02	5/20/2009	Ag-108m	-7.00E-01	1.10E+00	3.70E+00	
TM	15	L15224-02	5/20/2009	Ag-110m	7.00E-01	1.80E+00	6.30E+00	
TM	15	L15224-02	5/20/2009	Ba-140	7.00E-01	2.80E+00	1.00E+01	
TM	15	L15224-02	5/20/2009	Be-7	1.40E+01	1.10E+01	3.70E+01	
TM	15	L15224-02	5/20/2009	Ce-141	-4.00E-01	2.10E+00	7.30E+00	
TM	15	L15224-02	5/20/2009	Ce-144	1.70E+00	6.70E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15224-02	5/20/2009	Co-57	-5.10E-01	8.60E-01	3.00E+00	
TM	15	L15224-02	5/20/2009	Co-58	-1.70E+00	1.30E+00	4.80E+00	
TM	15	L15224-02	5/20/2009	Co-60	-2.70E+00	1.50E+00	5.60E+00	
TM	15	L15224-02	5/20/2009	Cr-51	-2.20E+01	1.20E+01	4.30E+01	
TM	15	L15224-02	5/20/2009	Cs-134	2.10E+00	1.00E+00	4.00E+00	
TM	15	L15224-02	5/20/2009	Cs-137	6.00E-01	1.20E+00	4.20E+00	
TM	15	L15224-02	5/20/2009	Fe-59	3.10E+00	3.10E+00	1.10E+01	
TM	15	L15224-02	5/20/2009	I-131	1.60E+00	3.90E+00	1.30E+01	
TM	15	L15224-02	5/20/2009	I-131	-1.87E-01	2.60E-02	8.20E-01	
TM	15	L15224-02	5/20/2009	K-40	1.56E+03	4.90E+01	5.80E+01	*
TM	15	L15224-02	5/20/2009	La-140	7.00E-01	2.80E+00	1.00E+01	
TM	15	L15224-02	5/20/2009	Mn-54	2.50E+00	1.20E+00	3.90E+00	
TM	15	L15224-02	5/20/2009	Nb-95	-5.20E+00	1.50E+00	5.90E+00	
TM	15	L15224-02	5/20/2009	Ru-103	-2.60E+00	1.50E+00	5.40E+00	
TM	15	L15224-02	5/20/2009	Ru-106	1.50E+01	1.10E+01	3.70E+01	
TM	15	L15224-02	5/20/2009	Sb-124	-2.30E+00	2.90E+00	1.10E+01	
TM	15	L15224-02	5/20/2009	Sb-125	1.80E+00	3.20E+00	1.10E+01	
TM	15	L15224-02	5/20/2009	Se-75	1.20E+00	1.40E+00	4.80E+00	
TM	15	L15224-02	5/20/2009	Zn-65	-5.50E+00	3.10E+00	1.10E+01	
TM	15	L15224-02	5/20/2009	Zr-95	-8.00E-01	2.60E+00	9.20E+00	
TM	15	L15284-02	6/3/2009	AcTh-228	2.30E+00	8.90E+00	3.20E+01	
TM	15	L15284-02	6/3/2009	Ag-108m	2.00E-01	1.70E+00	6.10E+00	
TM	15	L15284-02	6/3/2009	Ag-110m	-1.10E+00	3.00E+00	1.10E+01	
TM	15	L15284-02	6/3/2009	Ba-140	2.00E+00	4.00E+00	1.50E+01	
TM	15	L15284-02	6/3/2009	Be-7	2.00E+00	1.80E+01	6.30E+01	
TM	15	L15284-02	6/3/2009	Ce-141	5.00E-01	3.70E+00	1.30E+01	
TM	15	L15284-02	6/3/2009	Ce-144	-9.00E+00	1.20E+01	4.20E+01	
TM	15	L15284-02	6/3/2009	Co-57	3.00E-01	1.40E+00	4.90E+00	
TM	15	L15284-02	6/3/2009	Co-58	5.00E-01	2.10E+00	7.60E+00	
TM	15	L15284-02	6/3/2009	Co-60	1.80E+00	2.50E+00	8.60E+00	
TM	15	L15284-02	6/3/2009	Cr-51	-2.00E+01	1.90E+01	7.10E+01	
TM	15	L15284-02	6/3/2009	Cs-134	-1.00E+00	1.50E+00	7.50E+00	
TM	15	L15284-02	6/3/2009	Cs-137	5.00E-01	2.20E+00	8.00E+00	
TM	15	L15284-02	6/3/2009	Fe-59	-2.70E+00	5.60E+00	2.10E+01	
TM	15	L15284-02	6/3/2009	I-131	4.10E-01	2.80E-01	8.40E-01	
TM	15	L15284-02	6/3/2009	I-131	-4.10E+00	3.80E+00	1.40E+01	
TM	15	L15284-02	6/3/2009	K-40	1.57E+03	8.20E+01	1.10E+02	*
TM	15	L15284-02	6/3/2009	La-140	2.00E+00	4.00E+00	1.50E+01	
TM	15	L15284-02	6/3/2009	Mn-54	1.00E+00	2.10E+00	7.40E+00	
TM	15	L15284-02	6/3/2009	Nb-95	-6.00E-01	2.80E+00	1.00E+01	
TM	15	L15284-02	6/3/2009	Ru-103	-1.00E-01	2.40E+00	8.60E+00	
TM	15	L15284-02	6/3/2009	Ru-106	-2.40E+01	1.80E+01	7.00E+01	
TM	15	L15284-02	6/3/2009	Sb-124	-2.00E+00	5.40E+00	2.10E+01	
TM	15	L15284-02	6/3/2009	Sb-125	1.60E+00	4.90E+00	1.70E+01	
TM	15	L15284-02	6/3/2009	Se-75	-8.00E-01	2.70E+00	9.40E+00	
TM	15	L15284-02	6/3/2009	Zn-65	4.00E+00	9.80E+00	3.40E+01	
TM	15	L15284-02	6/3/2009	Zr-95	1.40E+00	4.00E+00	1.40E+01	
TM	15	L15324-02	6/17/2009	AcTh-228	-4.00E-01	8.80E+00	3.20E+01	
TM	15	L15324-02	6/17/2009	Ag-108m	0.00E+00	1.90E+00	6.70E+00	
TM	15	L15324-02	6/17/2009	Ag-110m	4.50E+00	3.40E+00	1.10E+01	
TM	15	L15324-02	6/17/2009	Ba-140	8.90E+00	3.90E+00	1.10E+01	
TM	15	L15324-02	6/17/2009	Be-7	-2.80E+01	1.80E+01	7.10E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15324-02	6/17/2009	Ce-141	1.30E+00	3.00E+00	1.00E+01	
TM	15	L15324-02	6/17/2009	Ce-144	6.00E+00	1.30E+01	4.50E+01	
TM	15	L15324-02	6/17/2009	Co-57	1.00E+00	1.60E+00	5.40E+00	
TM	15	L15324-02	6/17/2009	Co-58	2.30E+00	2.40E+00	8.30E+00	
TM	15	L15324-02	6/17/2009	Co-60	1.70E+00	2.70E+00	9.50E+00	
TM	15	L15324-02	6/17/2009	Cr-51	1.30E+01	2.00E+01	6.90E+01	
TM	15	L15324-02	6/17/2009	Cs-134	1.90E+00	2.10E+00	9.20E+00	
TM	15	L15324-02	6/17/2009	Cs-137	1.10E+00	2.10E+00	7.50E+00	
TM	15	L15324-02	6/17/2009	Fe-59	-3.80E+00	5.40E+00	2.10E+01	
TM	15	L15324-02	6/17/2009	I-131	-4.00E+00	3.60E+00	1.40E+01	
TM	15	L15324-02	6/17/2009	I-131	-3.27E-01	5.00E-02	9.10E-01	
TM	15	L15324-02	6/17/2009	K-40	1.43E+03	8.50E+01	1.20E+02	*
TM	15	L15324-02	6/17/2009	La-140	8.90E+00	3.90E+00	1.10E+01	
TM	15	L15324-02	6/17/2009	Mn-54	-2.20E+00	1.80E+00	7.40E+00	
TM	15	L15324-02	6/17/2009	Nb-95	3.60E+00	2.60E+00	8.60E+00	
TM	15	L15324-02	6/17/2009	Ru-103	-1.80E+00	2.40E+00	9.00E+00	
TM	15	L15324-02	6/17/2009	Ru-106	3.50E+01	2.00E+01	6.40E+01	
TM	15	L15324-02	6/17/2009	Sb-124	0.00E+00	5.20E+00	2.00E+01	
TM	15	L15324-02	6/17/2009	Sb-125	1.30E+00	5.40E+00	1.90E+01	
TM	15	L15324-02	6/17/2009	Se-75	5.00E-01	2.80E+00	9.60E+00	
TM	15	L15324-02	6/17/2009	Zn-65	-7.40E+00	5.90E+00	2.30E+01	
TM	15	L15324-02	6/17/2009	Zr-95	3.30E+00	3.90E+00	1.40E+01	
TM	15	L15446-02	7/15/2009	AcTh-228	-4.50E+00	5.10E+00	1.90E+01	
TM	15	L15446-02	7/15/2009	Ag-108m	-8.00E-02	9.70E-01	3.40E+00	
TM	15	L15446-02	7/15/2009	Ag-110m	1.50E+00	1.80E+00	6.20E+00	
TM	15	L15446-02	7/15/2009	Ba-140	-4.00E+00	2.90E+00	1.20E+01	
TM	15	L15446-02	7/15/2009	Be-7	5.00E+00	1.10E+01	3.70E+01	
TM	15	L15446-02	7/15/2009	Ce-141	-3.00E+00	2.00E+00	7.10E+00	
TM	15	L15446-02	7/15/2009	Ce-144	2.00E+00	6.90E+00	2.30E+01	
TM	15	L15446-02	7/15/2009	Co-57	2.20E-01	8.70E-01	2.90E+00	
TM	15	L15446-02	7/15/2009	Co-58	-3.00E-01	1.30E+00	4.70E+00	
TM	15	L15446-02	7/15/2009	Co-60	-1.40E+00	1.20E+00	4.90E+00	
TM	15	L15446-02	7/15/2009	Cr-51	2.00E+00	1.20E+01	4.10E+01	
TM	15	L15446-02	7/15/2009	Cs-134	1.90E-01	8.70E-01	3.90E+00	
TM	15	L15446-02	7/15/2009	Cs-137	4.30E+00	1.80E+00	5.70E+00	
TM	15	L15446-02	7/15/2009	Fe-59	-4.00E-01	3.70E+00	1.30E+01	
TM	15	L15446-02	7/15/2009	I-131	6.00E-02	1.60E-01	7.40E-01	
TM	15	L15446-02	7/15/2009	I-131	-4.30E+00	3.50E+00	1.30E+01	
TM	15	L15446-02	7/15/2009	K-40	1.53E+03	5.60E+01	6.30E+01	*
TM	15	L15446-02	7/15/2009	La-140	-4.00E+00	2.90E+00	1.20E+01	
TM	15	L15446-02	7/15/2009	Mn-54	1.80E+00	1.10E+00	3.70E+00	
TM	15	L15446-02	7/15/2009	Nb-95	6.00E-01	1.40E+00	5.00E+00	
TM	15	L15446-02	7/15/2009	Ru-103	-3.00E+00	1.50E+00	5.50E+00	
TM	15	L15446-02	7/15/2009	Ru-106	1.40E+01	1.10E+01	3.50E+01	
TM	15	L15446-02	7/15/2009	Sb-124	-1.60E+00	2.20E+00	9.50E+00	
TM	15	L15446-02	7/15/2009	Sb-125	8.00E-01	3.20E+00	1.10E+01	
TM	15	L15446-02	7/15/2009	Se-75	1.30E+00	1.40E+00	4.60E+00	
TM	15	L15446-02	7/15/2009	Zn-65	2.00E+00	3.30E+00	1.10E+01	
TM	15	L15446-02	7/15/2009	Zr-95	2.20E+00	2.10E+00	7.20E+00	
TM	15	L15489-02	7/29/2009	AcTh-228	1.02E+01	7.90E+00	2.60E+01	
TM	15	L15489-02	7/29/2009	Ag-108m	-1.00E-01	1.50E+00	5.20E+00	
TM	15	L15489-02	7/29/2009	Ag-110m	-7.00E-01	2.60E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15489-02	7/29/2009	Ba-140	2.60E+00	2.80E+00	9.90E+00	
TM	15	L15489-02	7/29/2009	Be-7	1.00E+01	1.50E+01	5.30E+01	
TM	15	L15489-02	7/29/2009	Ce-141	-1.90E+00	2.60E+00	9.10E+00	
TM	15	L15489-02	7/29/2009	Ce-144	1.70E+00	9.40E+00	3.20E+01	
TM	15	L15489-02	7/29/2009	Co-57	1.20E+00	1.20E+00	4.20E+00	
TM	15	L15489-02	7/29/2009	Co-58	2.00E-01	1.70E+00	6.20E+00	
TM	15	L15489-02	7/29/2009	Co-60	1.30E+00	1.80E+00	6.20E+00	
TM	15	L15489-02	7/29/2009	Cr-51	2.00E+00	1.50E+01	5.30E+01	
TM	15	L15489-02	7/29/2009	Cs-134	7.00E-01	1.20E+00	5.20E+00	
TM	15	L15489-02	7/29/2009	Cs-137	5.90E+00	2.50E+00	7.80E+00	
TM	15	L15489-02	7/29/2009	Fe-59	-7.00E-01	4.10E+00	1.50E+01	
TM	15	L15489-02	7/29/2009	I-131	0.00E+00	1.00E-01	5.90E-01	
TM	15	L15489-02	7/29/2009	I-131	4.00E+00	3.20E+00	1.10E+01	
TM	15	L15489-02	7/29/2009	K-40	1.67E+03	7.10E+01	8.50E+01	*
TM	15	L15489-02	7/29/2009	La-140	2.60E+00	2.80E+00	9.90E+00	
TM	15	L15489-02	7/29/2009	Mn-54	6.00E-01	1.60E+00	5.80E+00	
TM	15	L15489-02	7/29/2009	Nb-95	1.70E+00	2.00E+00	6.80E+00	
TM	15	L15489-02	7/29/2009	Ru-103	-2.40E+00	1.80E+00	6.60E+00	
TM	15	L15489-02	7/29/2009	Ru-106	-1.70E+01	1.60E+01	5.90E+01	
TM	15	L15489-02	7/29/2009	Sb-124	-2.20E+00	3.50E+00	1.40E+01	
TM	15	L15489-02	7/29/2009	Sb-125	4.80E+00	4.90E+00	1.60E+01	
TM	15	L15489-02	7/29/2009	Se-75	-2.10E+00	1.90E+00	6.80E+00	
TM	15	L15489-02	7/29/2009	Zn-65	-2.40E+00	4.10E+00	1.50E+01	
TM	15	L15489-02	7/29/2009	Zr-95	-3.90E+00	3.20E+00	1.20E+01	
TM	15	L15527-02	8/12/2009	AcTh-228	4.40E+00	7.90E+00	2.70E+01	
TM	15	L15527-02	8/12/2009	Ag-108m	1.60E+00	1.30E+00	4.30E+00	
TM	15	L15527-02	8/12/2009	Ag-110m	-1.80E+00	2.30E+00	8.50E+00	
TM	15	L15527-02	8/12/2009	Ba-140	-9.00E+00	3.40E+00	1.50E+01	
TM	15	L15527-02	8/12/2009	Be-7	4.00E+00	1.20E+01	4.30E+01	
TM	15	L15527-02	8/12/2009	Ce-141	-3.60E+00	2.20E+00	7.80E+00	
TM	15	L15527-02	8/12/2009	Ce-144	6.00E-01	7.80E+00	2.70E+01	
TM	15	L15527-02	8/12/2009	Co-57	-1.53E+00	9.90E-01	3.50E+00	
TM	15	L15527-02	8/12/2009	Co-58	-2.00E-01	1.80E+00	6.60E+00	
TM	15	L15527-02	8/12/2009	Co-60	0.00E+00	2.00E+00	7.20E+00	
TM	15	L15527-02	8/12/2009	Cr-51	-1.60E+01	1.20E+01	4.50E+01	
TM	15	L15527-02	8/12/2009	Cs-134	-1.20E+00	1.20E+00	5.80E+00	
TM	15	L15527-02	8/12/2009	Cs-137	3.60E+00	2.10E+00	6.90E+00	
TM	15	L15527-02	8/12/2009	Fe-59	-3.80E+00	4.40E+00	1.60E+01	
TM	15	L15527-02	8/12/2009	I-131	4.40E-01	3.00E-01	8.90E-01	
TM	15	L15527-02	8/12/2009	I-131	2.30E+00	2.70E+00	9.00E+00	
TM	15	L15527-02	8/12/2009	K-40	1.62E+03	7.10E+01	9.40E+01	*
TM	15	L15527-02	8/12/2009	La-140	-9.00E+00	3.40E+00	1.50E+01	
TM	15	L15527-02	8/12/2009	Mn-54	-1.80E+00	1.60E+00	6.00E+00	
TM	15	L15527-02	8/12/2009	Nb-95	-1.00E+00	1.70E+00	6.40E+00	
TM	15	L15527-02	8/12/2009	Ru-103	-3.30E+00	1.70E+00	6.50E+00	
TM	15	L15527-02	8/12/2009	Ru-106	-1.70E+01	1.60E+01	5.80E+01	
TM	15	L15527-02	8/12/2009	Sb-124	2.90E+00	4.00E+00	1.40E+01	
TM	15	L15527-02	8/12/2009	Sb-125	1.00E+00	3.90E+00	1.40E+01	
TM	15	L15527-02	8/12/2009	Se-75	1.80E+00	1.60E+00	5.40E+00	
TM	15	L15527-02	8/12/2009	Zn-65	-8.50E+00	4.30E+00	1.70E+01	
TM	15	L15527-02	8/12/2009	Zr-95	-6.60E+00	2.70E+00	1.10E+01	
TM	15	L15583-02	8/26/2009	AcTh-228	-8.80E+00	7.30E+00	2.80E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15583-02	8/26/2009	Ag-108m	-2.20E+00	1.70E+00	6.50E+00	
TM	15	L15583-02	8/26/2009	Ag-110m	-6.00E-01	2.70E+00	1.00E+01	
TM	15	L15583-02	8/26/2009	Ba-140	-1.10E+00	3.50E+00	1.40E+01	
TM	15	L15583-02	8/26/2009	Be-7	6.00E+00	1.70E+01	5.90E+01	
TM	15	L15583-02	8/26/2009	Ce-141	-8.00E-01	3.00E+00	1.00E+01	
TM	15	L15583-02	8/26/2009	Ce-144	3.00E+00	1.10E+01	3.70E+01	
TM	15	L15583-02	8/26/2009	Co-57	0.00E+00	1.20E+00	4.10E+00	
TM	15	L15583-02	8/26/2009	Co-58	1.40E+00	2.00E+00	7.10E+00	
TM	15	L15583-02	8/26/2009	Co-60	3.00E-01	2.30E+00	8.50E+00	
TM	15	L15583-02	8/26/2009	Cr-51	1.20E+01	1.50E+01	5.10E+01	
TM	15	L15583-02	8/26/2009	Cs-134	-2.40E+00	1.70E+00	9.10E+00	
TM	15	L15583-02	8/26/2009	Cs-137	-2.00E-01	2.20E+00	7.80E+00	
TM	15	L15583-02	8/26/2009	Fe-59	-1.70E+00	4.90E+00	1.80E+01	
TM	15	L15583-02	8/26/2009	I-131	1.40E-01	2.00E-01	8.20E-01	
TM	15	L15583-02	8/26/2009	I-131	-1.20E+00	3.30E+00	1.20E+01	
TM	15	L15583-02	8/26/2009	K-40	1.62E+03	8.00E+01	1.10E+02	*
TM	15	L15583-02	8/26/2009	La-140	-1.10E+00	3.50E+00	1.40E+01	
TM	15	L15583-02	8/26/2009	Mn-54	-3.00E-01	2.10E+00	7.60E+00	
TM	15	L15583-02	8/26/2009	Nb-95	1.20E+00	2.10E+00	7.20E+00	
TM	15	L15583-02	8/26/2009	Ru-103	-3.90E+00	1.90E+00	7.50E+00	
TM	15	L15583-02	8/26/2009	Ru-106	1.90E+01	1.80E+01	6.20E+01	
TM	15	L15583-02	8/26/2009	Sb-124	7.10E+00	4.30E+00	1.40E+01	
TM	15	L15583-02	8/26/2009	Sb-125	-1.40E+00	5.40E+00	1.90E+01	
TM	15	L15583-02	8/26/2009	Se-75	2.50E+00	2.30E+00	7.70E+00	
TM	15	L15583-02	8/26/2009	Zn-65	-3.50E+00	5.20E+00	1.90E+01	
TM	15	L15583-02	8/26/2009	Zr-95	2.80E+00	3.80E+00	1.30E+01	
TM	15	L15645-01	9/9/2009	AcTh-228	-1.63E+01	8.20E+00	3.20E+01	
TM	15	L15645-01	9/9/2009	Ag-108m	-1.10E+00	1.70E+00	6.10E+00	
TM	15	L15645-01	9/9/2009	Ag-110m	-3.50E+00	2.80E+00	1.10E+01	
TM	15	L15645-01	9/9/2009	Ba-140	-4.60E+00	3.50E+00	1.50E+01	
TM	15	L15645-01	9/9/2009	Be-7	-1.10E+01	1.70E+01	6.20E+01	
TM	15	L15645-01	9/9/2009	Ce-141	-1.80E+00	2.90E+00	1.00E+01	
TM	15	L15645-01	9/9/2009	Ce-144	1.20E+01	1.10E+01	3.80E+01	
TM	15	L15645-01	9/9/2009	Co-57	-1.00E-01	1.40E+00	4.80E+00	
TM	15	L15645-01	9/9/2009	Co-58	-1.30E+00	2.00E+00	7.50E+00	
TM	15	L15645-01	9/9/2009	Co-60	-1.00E+00	2.40E+00	9.10E+00	
TM	15	L15645-01	9/9/2009	Cr-51	-3.40E+01	1.60E+01	6.30E+01	
TM	15	L15645-01	9/9/2009	Cs-134	-2.10E+00	1.70E+00	8.00E+00	
TM	15	L15645-01	9/9/2009	Cs-137	3.00E+00	2.30E+00	7.60E+00	
TM	15	L15645-01	9/9/2009	Fe-59	-1.80E+00	4.10E+00	1.50E+01	
TM	15	L15645-01	9/9/2009	I-131	5.20E+00	3.90E+00	1.30E+01	
TM	15	L15645-01	9/9/2009	I-131	-2.48E-01	4.00E-02	8.50E-01	
TM	15	L15645-01	9/9/2009	K-40	1.48E+03	7.60E+01	9.70E+01	*
TM	15	L15645-01	9/9/2009	La-140	-4.60E+00	3.50E+00	1.50E+01	
TM	15	L15645-01	9/9/2009	Mn-54	0.00E+00	2.10E+00	7.50E+00	
TM	15	L15645-01	9/9/2009	Nb-95	8.00E-01	2.20E+00	7.80E+00	
TM	15	L15645-01	9/9/2009	Ru-103	3.40E+00	2.20E+00	7.20E+00	
TM	15	L15645-01	9/9/2009	Ru-106	-2.90E+01	1.90E+01	7.30E+01	
TM	15	L15645-01	9/9/2009	Sb-124	-2.80E+00	5.30E+00	2.10E+01	
TM	15	L15645-01	9/9/2009	Sb-125	-1.00E+01	5.40E+00	2.10E+01	
TM	15	L15645-01	9/9/2009	Se-75	4.30E+00	2.10E+00	6.70E+00	
TM	15	L15645-01	9/9/2009	Zn-65	-4.80E+00	5.40E+00	2.00E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15645-01	9/9/2009	Zr-95	1.30E+00	3.40E+00	1.20E+01	
TM	15	L15697-01	9/23/2009	AcTh-228	2.50E+00	7.90E+00	2.80E+01	
TM	15	L15697-01	9/23/2009	Ag-108m	-1.00E-01	1.40E+00	5.10E+00	
TM	15	L15697-01	9/23/2009	Ag-110m	-2.90E+00	2.90E+00	1.10E+01	
TM	15	L15697-01	9/23/2009	Ba-140	-4.20E+00	3.60E+00	1.40E+01	
TM	15	L15697-01	9/23/2009	Be-7	2.60E+01	1.50E+01	4.80E+01	
TM	15	L15697-01	9/23/2009	Ce-141	-1.40E+00	2.40E+00	8.50E+00	
TM	15	L15697-01	9/23/2009	Ce-144	-3.00E+00	8.60E+00	3.00E+01	
TM	15	L15697-01	9/23/2009	Co-57	0.00E+00	1.10E+00	3.80E+00	
TM	15	L15697-01	9/23/2009	Co-58	5.00E-01	1.80E+00	6.40E+00	
TM	15	L15697-01	9/23/2009	Co-60	-3.20E+00	2.30E+00	9.00E+00	
TM	15	L15697-01	9/23/2009	Cr-51	-2.00E+01	1.50E+01	5.50E+01	
TM	15	L15697-01	9/23/2009	Cs-134	2.90E+00	1.50E+00	5.70E+00	
TM	15	L15697-01	9/23/2009	Cs-137	1.90E+00	2.10E+00	7.20E+00	
TM	15	L15697-01	9/23/2009	Fe-59	-2.60E+00	4.40E+00	1.60E+01	
TM	15	L15697-01	9/23/2009	I-131	9.00E-02	1.80E-01	9.00E-01	
TM	15	L15697-01	9/23/2009	I-131	5.80E+00	3.20E+00	1.00E+01	
TM	15	L15697-01	9/23/2009	K-40	1.59E+03	7.50E+01	9.70E+01	*
TM	15	L15697-01	9/23/2009	La-140	-4.20E+00	3.60E+00	1.40E+01	
TM	15	L15697-01	9/23/2009	Mn-54	1.10E+00	1.60E+00	5.60E+00	
TM	15	L15697-01	9/23/2009	Nb-95	-3.00E-01	1.90E+00	6.80E+00	
TM	15	L15697-01	9/23/2009	Ru-103	2.60E+00	1.70E+00	5.80E+00	
TM	15	L15697-01	9/23/2009	Ru-106	-1.30E+01	1.70E+01	6.30E+01	
TM	15	L15697-01	9/23/2009	Sb-124	8.00E-01	3.80E+00	1.50E+01	
TM	15	L15697-01	9/23/2009	Sb-125	-4.10E+00	4.10E+00	1.50E+01	
TM	15	L15697-01	9/23/2009	Se-75	-4.00E-01	1.70E+00	6.10E+00	
TM	15	L15697-01	9/23/2009	Zn-65	4.60E+00	4.90E+00	1.70E+01	
TM	15	L15697-01	9/23/2009	Zr-95	-9.00E-01	3.00E+00	1.10E+01	
TM	15	L15789-0210/21/2009		AcTh-228	-2.80E+00	7.20E+00	2.60E+01	
TM	15	L15789-0210/21/2009		Ag-108m	-1.70E+00	1.60E+00	5.70E+00	
TM	15	L15789-0210/21/2009		Ag-110m	-1.20E+00	2.50E+00	9.20E+00	
TM	15	L15789-0210/21/2009		Ba-140	2.60E+00	3.00E+00	1.10E+01	
TM	15	L15789-0210/21/2009		Be-7	-4.00E+00	1.50E+01	5.30E+01	
TM	15	L15789-0210/21/2009		Ce-141	-6.00E-01	2.70E+00	9.30E+00	
TM	15	L15789-0210/21/2009		Ce-144	3.00E+00	1.00E+01	3.50E+01	
TM	15	L15789-0210/21/2009		Co-57	-5.00E-01	1.30E+00	4.60E+00	
TM	15	L15789-0210/21/2009		Co-58	-1.90E+00	1.90E+00	7.10E+00	
TM	15	L15789-0210/21/2009		Co-60	-3.00E-01	2.00E+00	7.40E+00	
TM	15	L15789-0210/21/2009		Cr-51	7.00E+00	1.60E+01	5.50E+01	
TM	15	L15789-0210/21/2009		Cs-134	3.30E+00	2.00E+00	6.70E+00	
TM	15	L15789-0210/21/2009		Cs-137	1.90E+00	1.90E+00	6.50E+00	
TM	15	L15789-0210/21/2009		Fe-59	4.90E+00	4.40E+00	1.50E+01	
TM	15	L15789-0210/21/2009		I-131	0.00E+00	3.20E+00	1.10E+01	
TM	15	L15789-0210/21/2009		I-131	5.00E-02	1.40E-01	7.20E-01	
TM	15	L15789-0210/21/2009		K-40	1.57E+03	7.00E+01	8.30E+01	*
TM	15	L15789-0210/21/2009		La-140	2.60E+00	3.00E+00	1.10E+01	
TM	15	L15789-0210/21/2009		Mn-54	-1.00E+00	1.80E+00	6.50E+00	
TM	15	L15789-0210/21/2009		Nb-95	-1.80E+00	2.20E+00	8.10E+00	
TM	15	L15789-0210/21/2009		Ru-103	6.00E-01	2.00E+00	6.90E+00	
TM	15	L15789-0210/21/2009		Ru-106	4.00E+00	1.70E+01	6.10E+01	
TM	15	L15789-0210/21/2009		Sb-124	-2.20E+00	4.00E+00	1.60E+01	
TM	15	L15789-0210/21/2009		Sb-125	-8.00E-01	4.20E+00	1.50E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15789-0210	21/2009	Se-75	2.60E+00	2.30E+00	7.60E+00	
TM	15	L15789-0210	21/2009	Zn-65	5.00E+00	8.60E+00	2.90E+01	
TM	15	L15789-0210	21/2009	Zr-95	0.00E+00	3.40E+00	1.20E+01	
TM	15	L15920-0211	18/2009	AcTh-228	-4.20E+00	7.40E+00	2.60E+01	
TM	15	L15920-0211	18/2009	Ag-108m	4.00E-01	1.30E+00	4.60E+00	
TM	15	L15920-0211	18/2009	Ag-110m	4.00E-01	2.10E+00	7.50E+00	
TM	15	L15920-0211	18/2009	Ba-140	-4.50E+00	3.50E+00	1.40E+01	
TM	15	L15920-0211	18/2009	Be-7	-1.80E+01	1.50E+01	5.20E+01	
TM	15	L15920-0211	18/2009	Ce-141	2.90E+00	2.60E+00	8.80E+00	
TM	15	L15920-0211	18/2009	Ce-144	-2.80E+00	8.90E+00	3.10E+01	
TM	15	L15920-0211	18/2009	Co-57	-6.00E-01	1.20E+00	4.00E+00	
TM	15	L15920-0211	18/2009	Co-58	-4.40E+00	1.90E+00	7.40E+00	
TM	15	L15920-0211	18/2009	Co-60	-1.90E+00	1.70E+00	6.60E+00	
TM	15	L15920-0211	18/2009	Cr-51	-1.90E+01	1.40E+01	4.90E+01	
TM	15	L15920-0211	18/2009	Cs-134	-1.00E-01	1.20E+00	5.60E+00	
TM	15	L15920-0211	18/2009	Cs-137	3.10E+00	1.90E+00	6.30E+00	
TM	15	L15920-0211	18/2009	Fe-59	6.00E+00	4.40E+00	1.50E+01	
TM	15	L15920-0211	18/2009	I-131	-1.80E+00	4.10E+00	1.40E+01	
TM	15	L15920-0211	18/2009	I-131	-1.00E-02	1.50E-01	7.60E-01	
TM	15	L15920-0211	18/2009	K-40	1.90E+03	6.70E+01	8.50E+01	*
TM	15	L15920-0211	18/2009	La-140	-4.50E+00	3.50E+00	1.40E+01	
TM	15	L15920-0211	18/2009	Mn-54	-2.10E+00	1.90E+00	6.90E+00	
TM	15	L15920-0211	18/2009	Nb-95	1.60E+00	2.10E+00	7.30E+00	
TM	15	L15920-0211	18/2009	Ru-103	-5.40E+00	1.80E+00	6.80E+00	
TM	15	L15920-0211	18/2009	Ru-106	3.10E+01	1.50E+01	4.70E+01	
TM	15	L15920-0211	18/2009	Sb-124	-5.00E-01	3.50E+00	1.30E+01	
TM	15	L15920-0211	18/2009	Sb-125	1.21E+01	4.40E+00	1.40E+01	
TM	15	L15920-0211	18/2009	Se-75	-2.20E+00	2.00E+00	6.90E+00	
TM	15	L15920-0211	18/2009	Zn-65	-5.80E+00	4.50E+00	1.60E+01	
TM	15	L15920-0211	18/2009	Zr-95	-4.20E+00	3.30E+00	1.20E+01	
TM	15	L15999-0212	16/2009	AcTh-228	7.10E+00	6.60E+00	2.20E+01	
TM	15	L15999-0212	16/2009	Ag-108m	-2.00E-01	1.20E+00	4.40E+00	
TM	15	L15999-0212	16/2009	Ag-110m	-2.10E+00	2.30E+00	8.50E+00	
TM	15	L15999-0212	16/2009	Ba-140	-5.70E+00	3.30E+00	1.40E+01	
TM	15	L15999-0212	16/2009	Be-7	1.60E+01	1.20E+01	4.00E+01	
TM	15	L15999-0212	16/2009	Ce-141	-4.00E-01	2.20E+00	7.40E+00	
TM	15	L15999-0212	16/2009	Ce-144	5.90E+00	7.50E+00	2.50E+01	
TM	15	L15999-0212	16/2009	Co-57	-1.86E+00	7.90E-01	2.90E+00	
TM	15	L15999-0212	16/2009	Co-58	2.00E-01	1.60E+00	5.80E+00	
TM	15	L15999-0212	16/2009	Co-60	3.00E-01	2.00E+00	7.20E+00	
TM	15	L15999-0212	16/2009	Cr-51	-7.00E+00	1.20E+01	4.30E+01	
TM	15	L15999-0212	16/2009	Cs-134	-6.00E-01	1.50E+00	6.60E+00	
TM	15	L15999-0212	16/2009	Cs-137	1.00E+00	1.90E+00	6.50E+00	
TM	15	L15999-0212	16/2009	Fe-59	4.00E-01	4.80E+00	1.70E+01	
TM	15	L15999-0212	16/2009	I-131	1.40E-01	1.80E-01	7.30E-01	
TM	15	L15999-0212	16/2009	I-131	1.70E+00	2.40E+00	8.20E+00	
TM	15	L15999-0212	16/2009	K-40	1.74E+03	7.30E+01	9.20E+01	*
TM	15	L15999-0212	16/2009	La-140	-5.70E+00	3.30E+00	1.40E+01	
TM	15	L15999-0212	16/2009	Mn-54	-9.00E-01	1.80E+00	6.60E+00	
TM	15	L15999-0212	16/2009	Nb-95	1.00E-01	1.70E+00	6.20E+00	
TM	15	L15999-0212	16/2009	Ru-103	-5.50E+00	1.50E+00	6.00E+00	
TM	15	L15999-0212	16/2009	Ru-106	-1.10E+01	1.50E+01	5.60E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	15	L15999-02	12/16/2009	Sb-124	2.30E+00	3.70E+00	1.40E+01	
TM	15	L15999-02	12/16/2009	Sb-125	2.30E+00	3.60E+00	1.20E+01	
TM	15	L15999-02	12/16/2009	Se-75	-2.70E+00	1.60E+00	5.80E+00	
TM	15	L15999-02	12/16/2009	Zn-65	-5.10E+00	4.30E+00	1.60E+01	
TM	15	L15999-02	12/16/2009	Zr-95	4.10E+00	2.80E+00	9.40E+00	
TM	20	L14815-03	1/14/2009	AcTh-228	-8.00E+00	9.30E+00	3.50E+01	
TM	20	L14815-03	1/14/2009	Ag-108m	-3.20E+00	1.90E+00	7.20E+00	
TM	20	L14815-03	1/14/2009	Ag-110m	6.00E-01	2.80E+00	1.00E+01	
TM	20	L14815-03	1/14/2009	Ba-140	-1.50E+00	3.60E+00	1.40E+01	
TM	20	L14815-03	1/14/2009	Be-7	-1.40E+01	1.90E+01	7.00E+01	
TM	20	L14815-03	1/14/2009	Ce-141	5.00E+00	3.20E+00	1.00E+01	
TM	20	L14815-03	1/14/2009	Ce-144	5.00E+00	1.20E+01	4.10E+01	
TM	20	L14815-03	1/14/2009	Co-57	9.00E-01	1.40E+00	4.80E+00	
TM	20	L14815-03	1/14/2009	Co-58	1.70E+00	2.00E+00	7.00E+00	
TM	20	L14815-03	1/14/2009	Co-60	-2.30E+00	2.60E+00	1.00E+01	
TM	20	L14815-03	1/14/2009	Cr-51	-4.40E+01	1.70E+01	6.80E+01	
TM	20	L14815-03	1/14/2009	Cs-134	-3.00E-01	1.70E+00	8.00E+00	
TM	20	L14815-03	1/14/2009	Cs-137	-8.00E-01	2.30E+00	8.30E+00	
TM	20	L14815-03	1/14/2009	Fe-59	2.00E+00	5.00E+00	1.80E+01	
TM	20	L14815-03	1/14/2009	I-131	8.00E-02	2.00E-01	9.50E-01	
TM	20	L14815-03	1/14/2009	I-131	3.50E+00	3.70E+00	1.30E+01	
TM	20	L14815-03	1/14/2009	K-40	1.41E+03	8.00E+01	1.10E+02	*
TM	20	L14815-03	1/14/2009	La-140	-1.50E+00	3.60E+00	1.40E+01	
TM	20	L14815-03	1/14/2009	Mn-54	5.80E+00	2.10E+00	6.40E+00	
TM	20	L14815-03	1/14/2009	Nb-95	2.20E+00	2.60E+00	9.00E+00	
TM	20	L14815-03	1/14/2009	Ru-103	-4.10E+00	2.10E+00	8.30E+00	
TM	20	L14815-03	1/14/2009	Ru-106	-4.00E+00	2.00E+01	7.40E+01	
TM	20	L14815-03	1/14/2009	Sb-124	-1.05E+01	5.10E+00	2.30E+01	
TM	20	L14815-03	1/14/2009	Sb-125	5.50E+00	5.30E+00	1.80E+01	
TM	20	L14815-03	1/14/2009	Se-75	-6.00E-01	2.30E+00	8.20E+00	
TM	20	L14815-03	1/14/2009	Zn-65	-1.03E+01	5.60E+00	2.20E+01	
TM	20	L14815-03	1/14/2009	Zr-95	-1.50E+00	3.90E+00	1.40E+01	
TM	20	L14894-03	2/11/2009	AcTh-228	-8.80E+00	6.80E+00	2.50E+01	
TM	20	L14894-03	2/11/2009	Ag-108m	-4.00E-01	1.40E+00	4.90E+00	
TM	20	L14894-03	2/11/2009	Ag-110m	1.90E+00	2.20E+00	7.70E+00	
TM	20	L14894-03	2/11/2009	Ba-140	-1.40E+00	2.90E+00	1.10E+01	
TM	20	L14894-03	2/11/2009	Be-7	-1.70E+01	1.40E+01	5.20E+01	
TM	20	L14894-03	2/11/2009	Ce-141	4.00E-01	2.40E+00	8.20E+00	
TM	20	L14894-03	2/11/2009	Ce-144	3.80E+00	9.90E+00	3.30E+01	
TM	20	L14894-03	2/11/2009	Co-57	1.60E+00	1.20E+00	4.00E+00	
TM	20	L14894-03	2/11/2009	Co-58	2.40E+00	1.90E+00	6.30E+00	
TM	20	L14894-03	2/11/2009	Co-60	7.00E-01	1.80E+00	6.50E+00	
TM	20	L14894-03	2/11/2009	Cr-51	1.50E+01	1.60E+01	5.20E+01	
TM	20	L14894-03	2/11/2009	Cs-134	1.40E+00	1.30E+00	5.60E+00	
TM	20	L14894-03	2/11/2009	Cs-137	-1.30E+00	1.70E+00	6.30E+00	
TM	20	L14894-03	2/11/2009	Fe-59	-6.00E+00	4.00E+00	1.50E+01	
TM	20	L14894-03	2/11/2009	I-131	1.31E+00	4.50E-01	9.30E-01	
TM	20	L14894-03	2/11/2009	I-131	-1.40E+00	3.50E+00	1.20E+01	
TM	20	L14894-03	2/11/2009	K-40	1.36E+03	6.10E+01	8.60E+01	*
TM	20	L14894-03	2/11/2009	La-140	-1.40E+00	2.90E+00	1.10E+01	
TM	20	L14894-03	2/11/2009	Mn-54	-2.50E+00	1.70E+00	6.40E+00	
TM	20	L14894-03	2/11/2009	Nb-95	7.00E-01	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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L14894-03	2/11/2009	Ru-103	1.00E-01	1.80E+00	6.40E+00	
TM	20	L14894-03	2/11/2009	Ru-106	-1.20E+01	1.70E+01	6.00E+01	
TM	20	L14894-03	2/11/2009	Sb-124	1.30E+00	3.30E+00	1.20E+01	
TM	20	L14894-03	2/11/2009	Sb-125	1.70E+00	4.20E+00	1.50E+01	
TM	20	L14894-03	2/11/2009	Se-75	2.00E+00	2.00E+00	6.80E+00	
TM	20	L14894-03	2/11/2009	Zn-65	5.30E+00	8.10E+00	2.70E+01	
TM	20	L14894-03	2/11/2009	Zr-95	1.20E+00	2.90E+00	1.00E+01	
TM	20	L14967-03	3/11/2009	AcTh-228	3.00E-01	8.00E+00	2.90E+01	
TM	20	L14967-03	3/11/2009	Ag-108m	4.00E-01	1.40E+00	4.90E+00	
TM	20	L14967-03	3/11/2009	Ag-110m	1.30E+00	3.00E+00	1.00E+01	
TM	20	L14967-03	3/11/2009	Ba-140	2.20E+00	3.90E+00	1.40E+01	
TM	20	L14967-03	3/11/2009	Be-7	-1.10E+01	1.40E+01	5.20E+01	
TM	20	L14967-03	3/11/2009	Ce-141	-3.50E+00	3.00E+00	1.00E+01	
TM	20	L14967-03	3/11/2009	Ce-144	9.80E+00	8.90E+00	3.00E+01	
TM	20	L14967-03	3/11/2009	Co-57	-6.00E-01	1.10E+00	3.70E+00	
TM	20	L14967-03	3/11/2009	Co-58	-7.00E-01	1.90E+00	7.00E+00	
TM	20	L14967-03	3/11/2009	Co-60	3.30E+00	2.40E+00	8.20E+00	
TM	20	L14967-03	3/11/2009	Cr-51	3.00E+00	1.30E+01	4.60E+01	
TM	20	L14967-03	3/11/2009	Cs-134	7.00E-01	1.30E+00	6.20E+00	
TM	20	L14967-03	3/11/2009	Cs-137	3.00E+00	2.00E+00	6.70E+00	
TM	20	L14967-03	3/11/2009	Fe-59	-4.50E+00	4.70E+00	1.80E+01	
TM	20	L14967-03	3/11/2009	I-131	-3.00E-01	3.00E+00	1.10E+01	
TM	20	L14967-03	3/11/2009	I-131	-1.07E-01	1.80E-02	7.00E-01	
TM	20	L14967-03	3/11/2009	K-40	1.23E+03	7.10E+01	1.10E+02	*
TM	20	L14967-03	3/11/2009	La-140	2.20E+00	3.90E+00	1.40E+01	
TM	20	L14967-03	3/11/2009	Mn-54	-3.80E+00	1.80E+00	7.10E+00	
TM	20	L14967-03	3/11/2009	Nb-95	1.00E-01	2.00E+00	7.30E+00	
TM	20	L14967-03	3/11/2009	Ru-103	-5.00E-01	1.80E+00	6.40E+00	
TM	20	L14967-03	3/11/2009	Ru-106	-1.00E+00	1.70E+01	6.20E+01	
TM	20	L14967-03	3/11/2009	Sb-124	-3.90E+00	4.50E+00	1.80E+01	
TM	20	L14967-03	3/11/2009	Sb-125	-1.20E+00	4.60E+00	1.70E+01	
TM	20	L14967-03	3/11/2009	Se-75	8.00E-01	1.90E+00	6.40E+00	
TM	20	L14967-03	3/11/2009	Zn-65	1.20E+00	5.60E+00	2.00E+01	
TM	20	L14967-03	3/11/2009	Zr-95	-3.80E+00	3.30E+00	1.30E+01	
TM	20	L15062-03	4/8/2009	AcTh-228	8.10E+00	7.10E+00	2.40E+01	
TM	20	L15062-03	4/8/2009	Ag-108m	-6.00E-01	1.30E+00	4.70E+00	
TM	20	L15062-03	4/8/2009	Ag-110m	-8.00E-01	2.40E+00	8.90E+00	
TM	20	L15062-03	4/8/2009	Ba-140	0.00E+00	2.80E+00	1.10E+01	
TM	20	L15062-03	4/8/2009	Be-7	1.00E+00	1.30E+01	4.40E+01	
TM	20	L15062-03	4/8/2009	Ce-141	-1.40E+00	2.30E+00	7.80E+00	
TM	20	L15062-03	4/8/2009	Ce-144	-1.10E+00	7.90E+00	2.70E+01	
TM	20	L15062-03	4/8/2009	Co-57	-1.50E-01	9.80E-01	3.40E+00	
TM	20	L15062-03	4/8/2009	Co-58	5.30E+00	1.80E+00	5.60E+00	
TM	20	L15062-03	4/8/2009	Co-60	3.00E+00	2.10E+00	6.90E+00	
TM	20	L15062-03	4/8/2009	Cr-51	2.00E+00	1.40E+01	4.90E+01	
TM	20	L15062-03	4/8/2009	Cs-134	2.00E-01	1.20E+00	5.80E+00	
TM	20	L15062-03	4/8/2009	Cs-137	-1.00E-01	1.80E+00	6.30E+00	
TM	20	L15062-03	4/8/2009	Fe-59	9.00E-01	4.50E+00	1.60E+01	
TM	20	L15062-03	4/8/2009	I-131	-7.00E-01	3.10E+00	1.10E+01	
TM	20	L15062-03	4/8/2009	I-131	-2.66E-01	4.30E-02	6.40E-01	
TM	20	L15062-03	4/8/2009	K-40	1.18E+03	6.20E+01	9.20E+01	*
TM	20	L15062-03	4/8/2009	La-140	0.00E+00	2.80E+00	1.10E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15062-03	4/8/2009	Mn-54	8.00E-01	1.70E+00	5.90E+00	
TM	20	L15062-03	4/8/2009	Nb-95	-3.50E+00	1.90E+00	7.20E+00	
TM	20	L15062-03	4/8/2009	Ru-103	-9.00E-01	1.60E+00	5.80E+00	
TM	20	L15062-03	4/8/2009	Ru-106	2.00E+00	1.60E+01	5.70E+01	
TM	20	L15062-03	4/8/2009	Sb-124	0.00E+00	4.20E+00	1.60E+01	
TM	20	L15062-03	4/8/2009	Sb-125	7.00E-01	4.00E+00	1.40E+01	
TM	20	L15062-03	4/8/2009	Se-75	5.00E-01	1.70E+00	5.80E+00	
TM	20	L15062-03	4/8/2009	Zn-65	-2.70E+00	4.10E+00	1.50E+01	
TM	20	L15062-03	4/8/2009	Zr-95	2.60E+00	3.00E+00	1.00E+01	
TM	20	L15117-03	4/22/2009	AcTh-228	-8.90E+00	7.90E+00	3.10E+01	
TM	20	L15117-03	4/22/2009	Ag-108m	-1.70E+00	1.30E+00	5.10E+00	
TM	20	L15117-03	4/22/2009	Ag-110m	4.00E-01	2.70E+00	1.00E+01	
TM	20	L15117-03	4/22/2009	Ba-140	7.00E-01	3.50E+00	1.30E+01	
TM	20	L15117-03	4/22/2009	Be-7	-8.00E+00	1.50E+01	5.50E+01	
TM	20	L15117-03	4/22/2009	Ce-141	5.20E+00	2.50E+00	8.10E+00	
TM	20	L15117-03	4/22/2009	Ce-144	3.00E-01	9.00E+00	3.10E+01	
TM	20	L15117-03	4/22/2009	Co-57	1.30E+00	1.20E+00	4.00E+00	
TM	20	L15117-03	4/22/2009	Co-58	1.70E+00	1.90E+00	6.60E+00	
TM	20	L15117-03	4/22/2009	Co-60	3.00E-01	2.50E+00	9.20E+00	
TM	20	L15117-03	4/22/2009	Cr-51	8.00E+00	1.80E+01	6.10E+01	
TM	20	L15117-03	4/22/2009	Cs-134	-8.00E-01	1.50E+00	7.40E+00	
TM	20	L15117-03	4/22/2009	Cs-137	1.10E+00	2.30E+00	7.90E+00	
TM	20	L15117-03	4/22/2009	Fe-59	9.10E+00	5.20E+00	1.70E+01	
TM	20	L15117-03	4/22/2009	I-131	1.80E-01	2.40E-01	9.50E-01	
TM	20	L15117-03	4/22/2009	I-131	9.00E-01	3.20E+00	1.10E+01	
TM	20	L15117-03	4/22/2009	K-40	1.26E+03	7.80E+01	1.20E+02	*
TM	20	L15117-03	4/22/2009	La-140	7.00E-01	3.50E+00	1.30E+01	
TM	20	L15117-03	4/22/2009	Mn-54	3.90E+00	2.00E+00	6.30E+00	
TM	20	L15117-03	4/22/2009	Nb-95	-2.40E+00	2.30E+00	8.70E+00	
TM	20	L15117-03	4/22/2009	Ru-103	2.90E+00	2.00E+00	6.50E+00	
TM	20	L15117-03	4/22/2009	Ru-106	-3.20E+01	2.10E+01	7.90E+01	
TM	20	L15117-03	4/22/2009	Sb-124	-2.10E+00	4.60E+00	1.90E+01	
TM	20	L15117-03	4/22/2009	Sb-125	9.60E+00	4.90E+00	1.60E+01	
TM	20	L15117-03	4/22/2009	Se-75	1.20E+00	1.90E+00	6.60E+00	
TM	20	L15117-03	4/22/2009	Zn-65	2.70E+00	5.00E+00	1.80E+01	
TM	20	L15117-03	4/22/2009	Zr-95	-1.00E+00	3.20E+00	1.20E+01	
TM	20	L15188-03	5/6/2009	AcTh-228	-9.80E+00	8.10E+00	3.20E+01	
TM	20	L15188-03	5/6/2009	Ag-108m	-2.20E+00	1.80E+00	6.90E+00	
TM	20	L15188-03	5/6/2009	Ag-110m	2.40E+00	3.30E+00	1.20E+01	
TM	20	L15188-03	5/6/2009	Ba-140	1.12E+01	3.80E+00	9.20E+00	
TM	20	L15188-03	5/6/2009	Be-7	-1.90E+01	1.60E+01	6.30E+01	
TM	20	L15188-03	5/6/2009	Ce-141	7.00E-01	2.80E+00	9.70E+00	
TM	20	L15188-03	5/6/2009	Ce-144	-1.00E+01	9.80E+00	3.50E+01	
TM	20	L15188-03	5/6/2009	Co-57	2.00E+00	1.30E+00	4.40E+00	
TM	20	L15188-03	5/6/2009	Co-58	4.10E+00	2.40E+00	7.70E+00	
TM	20	L15188-03	5/6/2009	Co-60	2.00E+00	2.60E+00	9.30E+00	
TM	20	L15188-03	5/6/2009	Cr-51	-1.80E+01	1.60E+01	6.00E+01	
TM	20	L15188-03	5/6/2009	Cs-134	-1.60E+00	1.50E+00	7.50E+00	
TM	20	L15188-03	5/6/2009	Cs-137	1.30E+00	2.40E+00	8.40E+00	
TM	20	L15188-03	5/6/2009	Fe-59	4.70E+00	5.90E+00	2.10E+01	
TM	20	L15188-03	5/6/2009	I-131	1.50E-01	2.10E-01	8.80E-01	
TM	20	L15188-03	5/6/2009	I-131	-3.10E+00	3.70E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15188-03	5/6/2009	K-40	1.22E+03	8.70E+01	1.40E+02	*
TM	20	L15188-03	5/6/2009	La-140	1.12E+01	3.80E+00	9.20E+00	
TM	20	L15188-03	5/6/2009	Mn-54	7.00E-01	2.50E+00	9.10E+00	
TM	20	L15188-03	5/6/2009	Nb-95	5.10E+00	2.70E+00	8.80E+00	
TM	20	L15188-03	5/6/2009	Ru-103	0.00E+00	2.00E+00	7.30E+00	
TM	20	L15188-03	5/6/2009	Ru-106	-1.60E+01	2.00E+01	7.50E+01	
TM	20	L15188-03	5/6/2009	Sb-124	-8.00E-01	5.00E+00	2.10E+01	
TM	20	L15188-03	5/6/2009	Sb-125	-3.00E+00	5.00E+00	1.90E+01	
TM	20	L15188-03	5/6/2009	Se-75	-2.70E+00	2.10E+00	7.90E+00	
TM	20	L15188-03	5/6/2009	Zn-65	-9.60E+00	6.20E+00	2.50E+01	
TM	20	L15188-03	5/6/2009	Zr-95	-1.20E+00	3.50E+00	1.30E+01	
TM	20	L15224-03	5/20/2009	AcTh-228	6.40E+00	6.40E+00	2.20E+01	
TM	20	L15224-03	5/20/2009	Ag-108m	-5.00E-01	1.30E+00	4.60E+00	
TM	20	L15224-03	5/20/2009	Ag-110m	2.00E-01	2.40E+00	8.30E+00	
TM	20	L15224-03	5/20/2009	Ba-140	8.00E-01	3.60E+00	1.30E+01	
TM	20	L15224-03	5/20/2009	Be-7	2.00E+00	1.30E+01	4.50E+01	
TM	20	L15224-03	5/20/2009	Ce-141	2.40E+00	2.40E+00	8.10E+00	
TM	20	L15224-03	5/20/2009	Ce-144	-2.20E+00	8.00E+00	2.70E+01	
TM	20	L15224-03	5/20/2009	Co-57	-1.25E+00	9.50E-01	3.40E+00	
TM	20	L15224-03	5/20/2009	Co-58	9.00E-01	1.80E+00	6.30E+00	
TM	20	L15224-03	5/20/2009	Co-60	2.00E+00	2.00E+00	6.80E+00	
TM	20	L15224-03	5/20/2009	Cr-51	0.00E+00	1.30E+01	4.50E+01	
TM	20	L15224-03	5/20/2009	Cs-134	5.00E-01	1.30E+00	5.80E+00	
TM	20	L15224-03	5/20/2009	Cs-137	-1.90E+00	1.90E+00	6.80E+00	
TM	20	L15224-03	5/20/2009	Fe-59	-1.28E+01	4.50E+00	1.80E+01	
TM	20	L15224-03	5/20/2009	I-131	2.90E+00	3.80E+00	1.30E+01	
TM	20	L15224-03	5/20/2009	I-131	-1.84E-01	2.60E-02	8.30E-01	
TM	20	L15224-03	5/20/2009	K-40	1.24E+03	6.20E+01	9.40E+01	*
TM	20	L15224-03	5/20/2009	La-140	8.00E-01	3.60E+00	1.30E+01	
TM	20	L15224-03	5/20/2009	Mn-54	1.50E+00	1.80E+00	6.00E+00	
TM	20	L15224-03	5/20/2009	Nb-95	1.00E+00	1.80E+00	6.30E+00	
TM	20	L15224-03	5/20/2009	Ru-103	-1.50E+00	1.70E+00	6.20E+00	
TM	20	L15224-03	5/20/2009	Ru-106	-1.00E+00	1.50E+01	5.20E+01	
TM	20	L15224-03	5/20/2009	Sb-124	-3.30E+00	4.10E+00	1.60E+01	
TM	20	L15224-03	5/20/2009	Sb-125	-9.00E-01	3.90E+00	1.40E+01	
TM	20	L15224-03	5/20/2009	Se-75	2.00E+00	1.60E+00	5.20E+00	
TM	20	L15224-03	5/20/2009	Zn-65	5.00E-01	4.50E+00	1.60E+01	
TM	20	L15224-03	5/20/2009	Zr-95	2.60E+00	3.00E+00	1.00E+01	
TM	20	L15284-03	6/3/2009	AcTh-228	-1.58E+01	7.10E+00	2.80E+01	
TM	20	L15284-03	6/3/2009	Ag-108m	-1.70E+00	1.50E+00	5.50E+00	
TM	20	L15284-03	6/3/2009	Ag-110m	-2.20E+00	2.50E+00	9.30E+00	
TM	20	L15284-03	6/3/2009	Ba-140	-5.00E-01	3.30E+00	1.20E+01	
TM	20	L15284-03	6/3/2009	Be-7	-1.80E+01	1.30E+01	5.00E+01	
TM	20	L15284-03	6/3/2009	Ce-141	-7.90E+00	3.00E+00	1.10E+01	
TM	20	L15284-03	6/3/2009	Ce-144	3.00E+00	1.10E+01	3.60E+01	
TM	20	L15284-03	6/3/2009	Co-57	-9.00E-01	1.40E+00	4.80E+00	
TM	20	L15284-03	6/3/2009	Co-58	-8.00E-01	2.00E+00	7.10E+00	
TM	20	L15284-03	6/3/2009	Co-60	2.40E+00	2.00E+00	6.70E+00	
TM	20	L15284-03	6/3/2009	Cr-51	-1.20E+01	1.70E+01	6.00E+01	
TM	20	L15284-03	6/3/2009	Cs-134	-5.00E-01	1.40E+00	6.90E+00	
TM	20	L15284-03	6/3/2009	Cs-137	1.40E+00	2.10E+00	7.10E+00	
TM	20	L15284-03	6/3/2009	Fe-59	-3.00E+00	4.60E+00	1.70E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15284-03	6/3/2009	I-131	-2.00E-01	3.20E+00	1.10E+01	
TM	20	L15284-03	6/3/2009	I-131	-1.56E-01	2.80E-02	8.30E-01	
TM	20	L15284-03	6/3/2009	K-40	1.21E+03	6.30E+01	9.80E+01	*
TM	20	L15284-03	6/3/2009	La-140	-5.00E-01	3.30E+00	1.20E+01	
TM	20	L15284-03	6/3/2009	Mn-54	4.00E-01	1.80E+00	6.30E+00	
TM	20	L15284-03	6/3/2009	Nb-95	-6.30E+00	2.50E+00	9.60E+00	
TM	20	L15284-03	6/3/2009	Ru-103	-2.10E+00	2.30E+00	8.10E+00	
TM	20	L15284-03	6/3/2009	Ru-106	-4.00E+00	1.70E+01	6.10E+01	
TM	20	L15284-03	6/3/2009	Sb-124	-1.40E+00	3.70E+00	1.50E+01	
TM	20	L15284-03	6/3/2009	Sb-125	6.80E+00	4.80E+00	1.60E+01	
TM	20	L15284-03	6/3/2009	Se-75	-3.60E+00	2.40E+00	8.50E+00	
TM	20	L15284-03	6/3/2009	Zn-65	7.30E+00	8.50E+00	2.90E+01	
TM	20	L15284-03	6/3/2009	Zr-95	-1.70E+00	3.60E+00	1.30E+01	
TM	20	L15324-03	6/17/2009	AcTh-228	5.00E-01	9.00E+00	3.20E+01	
TM	20	L15324-03	6/17/2009	Ag-108m	1.70E+00	1.80E+00	6.20E+00	
TM	20	L15324-03	6/17/2009	Ag-110m	-4.00E-01	3.00E+00	1.10E+01	
TM	20	L15324-03	6/17/2009	Ba-140	-2.20E+00	3.70E+00	1.50E+01	
TM	20	L15324-03	6/17/2009	Be-7	-2.10E+01	1.80E+01	6.80E+01	
TM	20	L15324-03	6/17/2009	Ce-141	-3.00E-01	2.60E+00	9.10E+00	
TM	20	L15324-03	6/17/2009	Ce-144	-6.00E+00	1.30E+01	4.50E+01	
TM	20	L15324-03	6/17/2009	Co-57	3.60E+00	1.60E+00	5.00E+00	
TM	20	L15324-03	6/17/2009	Co-58	4.10E+00	2.40E+00	7.90E+00	
TM	20	L15324-03	6/17/2009	Co-60	-4.00E+00	2.50E+00	1.00E+01	
TM	20	L15324-03	6/17/2009	Cr-51	-4.50E+01	1.90E+01	7.30E+01	
TM	20	L15324-03	6/17/2009	Cs-134	1.40E+00	1.70E+00	7.30E+00	
TM	20	L15324-03	6/17/2009	Cs-137	-1.00E-01	2.10E+00	7.60E+00	
TM	20	L15324-03	6/17/2009	Fe-59	-3.00E-01	5.60E+00	2.00E+01	
TM	20	L15324-03	6/17/2009	I-131	0.00E+00	3.70E+00	1.30E+01	
TM	20	L15324-03	6/17/2009	I-131	6.00E-02	2.10E-01	9.20E-01	
TM	20	L15324-03	6/17/2009	K-40	1.10E+03	7.60E+01	1.30E+02	*
TM	20	L15324-03	6/17/2009	La-140	-2.20E+00	3.70E+00	1.50E+01	
TM	20	L15324-03	6/17/2009	Mn-54	-4.20E+00	2.00E+00	8.40E+00	
TM	20	L15324-03	6/17/2009	Nb-95	3.10E+00	2.30E+00	7.60E+00	
TM	20	L15324-03	6/17/2009	Ru-103	-1.00E-01	2.40E+00	8.40E+00	
TM	20	L15324-03	6/17/2009	Ru-106	5.30E+01	1.90E+01	5.60E+01	
TM	20	L15324-03	6/17/2009	Sb-124	2.10E+00	4.70E+00	1.80E+01	
TM	20	L15324-03	6/17/2009	Sb-125	1.70E+00	5.70E+00	2.00E+01	
TM	20	L15324-03	6/17/2009	Se-75	2.50E+00	2.80E+00	9.50E+00	
TM	20	L15324-03	6/17/2009	Zn-65	-6.10E+00	8.70E+00	3.20E+01	
TM	20	L15324-03	6/17/2009	Zr-95	7.10E+00	3.70E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	AcTh-228	5.10E+00	4.80E+00	1.60E+01	
TM	20	L15446-03	7/15/2009	Ag-108m	2.50E-01	9.20E-01	3.20E+00	
TM	20	L15446-03	7/15/2009	Ag-110m	-1.20E+00	1.70E+00	6.30E+00	
TM	20	L15446-03	7/15/2009	Ba-140	2.00E-01	3.20E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	Be-7	-2.00E+00	1.10E+01	3.80E+01	
TM	20	L15446-03	7/15/2009	Ce-141	4.00E+00	1.90E+00	6.30E+00	
TM	20	L15446-03	7/15/2009	Ce-144	-1.04E+01	6.50E+00	2.30E+01	
TM	20	L15446-03	7/15/2009	Co-57	-5.00E-01	8.50E-01	3.00E+00	
TM	20	L15446-03	7/15/2009	Co-58	1.50E+00	1.30E+00	4.50E+00	
TM	20	L15446-03	7/15/2009	Co-60	6.00E-01	1.50E+00	5.40E+00	
TM	20	L15446-03	7/15/2009	Cr-51	1.80E+01	1.10E+01	3.60E+01	
TM	20	L15446-03	7/15/2009	Cs-134	-1.34E+00	8.70E-01	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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15446-03	7/15/2009	Cs-137	1.50E+00	1.10E+00	3.80E+00	
TM	20	L15446-03	7/15/2009	Fe-59	6.60E+00	3.70E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	I-131	-1.99E-01	3.00E-02	9.20E-01	
TM	20	L15446-03	7/15/2009	I-131	6.20E+00	3.70E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	K-40	1.30E+03	5.10E+01	4.70E+01	*
TM	20	L15446-03	7/15/2009	La-140	2.00E-01	3.20E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	Mn-54	-4.00E-01	1.20E+00	4.20E+00	
TM	20	L15446-03	7/15/2009	Nb-95	2.00E-01	1.40E+00	5.00E+00	
TM	20	L15446-03	7/15/2009	Ru-103	-3.40E+00	1.40E+00	5.30E+00	
TM	20	L15446-03	7/15/2009	Ru-106	1.30E+01	1.10E+01	3.60E+01	
TM	20	L15446-03	7/15/2009	Sb-124	-3.60E+00	2.90E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	Sb-125	4.40E+00	3.00E+00	9.80E+00	
TM	20	L15446-03	7/15/2009	Se-75	-1.10E+00	1.30E+00	4.60E+00	
TM	20	L15446-03	7/15/2009	Zn-65	-1.80E+00	3.30E+00	1.20E+01	
TM	20	L15446-03	7/15/2009	Zr-95	-2.00E+00	2.10E+00	7.90E+00	
TM	20	L15489-03	7/29/2009	AcTh-228	-1.18E+01	6.30E+00	2.40E+01	
TM	20	L15489-03	7/29/2009	Ag-108m	-1.30E+00	1.50E+00	5.20E+00	
TM	20	L15489-03	7/29/2009	Ag-110m	-1.90E+00	2.10E+00	8.10E+00	
TM	20	L15489-03	7/29/2009	Ba-140	2.20E+00	2.90E+00	1.00E+01	
TM	20	L15489-03	7/29/2009	Be-7	-7.00E+00	1.50E+01	5.40E+01	
TM	20	L15489-03	7/29/2009	Ce-141	-4.50E+00	2.50E+00	8.80E+00	
TM	20	L15489-03	7/29/2009	Ce-144	4.50E+00	7.60E+00	2.60E+01	
TM	20	L15489-03	7/29/2009	Co-57	-6.70E-01	9.80E-01	3.40E+00	
TM	20	L15489-03	7/29/2009	Co-58	-9.00E-01	1.80E+00	6.50E+00	
TM	20	L15489-03	7/29/2009	Co-60	1.20E+00	1.80E+00	6.30E+00	
TM	20	L15489-03	7/29/2009	Cr-51	1.20E+01	1.40E+01	4.60E+01	
TM	20	L15489-03	7/29/2009	Cs-134	-2.00E-01	1.20E+00	5.60E+00	
TM	20	L15489-03	7/29/2009	Cs-137	1.90E+00	1.70E+00	5.70E+00	
TM	20	L15489-03	7/29/2009	Fe-59	3.00E+00	4.10E+00	1.40E+01	
TM	20	L15489-03	7/29/2009	I-131	9.00E-02	1.40E-01	5.90E-01	
TM	20	L15489-03	7/29/2009	I-131	2.20E+00	3.60E+00	1.20E+01	
TM	20	L15489-03	7/29/2009	K-40	1.38E+03	6.30E+01	8.80E+01	*
TM	20	L15489-03	7/29/2009	La-140	2.20E+00	2.90E+00	1.00E+01	
TM	20	L15489-03	7/29/2009	Mn-54	8.00E-01	1.50E+00	5.30E+00	
TM	20	L15489-03	7/29/2009	Nb-95	-9.00E-01	2.10E+00	7.60E+00	
TM	20	L15489-03	7/29/2009	Ru-103	-1.00E+00	1.70E+00	6.20E+00	
TM	20	L15489-03	7/29/2009	Ru-106	-5.00E+00	1.50E+01	5.50E+01	
TM	20	L15489-03	7/29/2009	Sb-124	-6.50E+00	4.40E+00	1.80E+01	
TM	20	L15489-03	7/29/2009	Sb-125	-1.30E+00	4.30E+00	1.50E+01	
TM	20	L15489-03	7/29/2009	Se-75	5.00E-01	1.80E+00	6.30E+00	
TM	20	L15489-03	7/29/2009	Zn-65	6.00E+00	4.30E+00	1.40E+01	
TM	20	L15489-03	7/29/2009	Zr-95	-5.20E+00	3.30E+00	1.30E+01	
TM	20	L15527-03	8/12/2009	AcTh-228	-3.00E-01	7.70E+00	2.80E+01	
TM	20	L15527-03	8/12/2009	Ag-108m	8.00E-01	1.60E+00	5.60E+00	
TM	20	L15527-03	8/12/2009	Ag-110m	1.40E+00	2.90E+00	1.00E+01	
TM	20	L15527-03	8/12/2009	Ba-140	-1.00E+00	3.50E+00	1.30E+01	
TM	20	L15527-03	8/12/2009	Be-7	-1.30E+01	1.70E+01	6.30E+01	
TM	20	L15527-03	8/12/2009	Ce-141	-4.00E+00	3.00E+00	1.10E+01	
TM	20	L15527-03	8/12/2009	Ce-144	-1.00E+00	1.10E+01	3.60E+01	
TM	20	L15527-03	8/12/2009	Co-57	-1.00E-01	1.10E+00	4.00E+00	
TM	20	L15527-03	8/12/2009	Co-58	-2.00E-01	2.30E+00	8.40E+00	
TM	20	L15527-03	8/12/2009	Co-60	0.00E+00	2.10E+00	8.00E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15527-03	8/12/2009	Cr-51	-1.30E+01	1.60E+01	5.90E+01	
TM	20	L15527-03	8/12/2009	Cs-134	3.90E+00	1.40E+00	6.30E+00	
TM	20	L15527-03	8/12/2009	Cs-137	3.60E+00	1.90E+00	6.30E+00	
TM	20	L15527-03	8/12/2009	Fe-59	2.90E+00	4.70E+00	1.60E+01	
TM	20	L15527-03	8/12/2009	I-131	1.00E-01	3.20E+00	1.10E+01	
TM	20	L15527-03	8/12/2009	I-131	1.50E-01	2.10E-01	9.20E-01	
TM	20	L15527-03	8/12/2009	K-40	1.41E+03	7.60E+01	1.10E+02	*
TM	20	L15527-03	8/12/2009	La-140	-1.00E+00	3.50E+00	1.30E+01	
TM	20	L15527-03	8/12/2009	Mn-54	0.00E+00	1.90E+00	6.80E+00	
TM	20	L15527-03	8/12/2009	Nb-95	9.00E-01	2.10E+00	7.50E+00	
TM	20	L15527-03	8/12/2009	Ru-103	-3.60E+00	1.90E+00	7.30E+00	
TM	20	L15527-03	8/12/2009	Ru-106	-6.00E+00	1.70E+01	6.40E+01	
TM	20	L15527-03	8/12/2009	Sb-124	1.20E+00	4.40E+00	1.70E+01	
TM	20	L15527-03	8/12/2009	Sb-125	7.90E+00	5.50E+00	1.80E+01	
TM	20	L15527-03	8/12/2009	Se-75	7.00E-01	2.30E+00	7.80E+00	
TM	20	L15527-03	8/12/2009	Zn-65	0.00E+00	4.40E+00	1.60E+01	
TM	20	L15527-03	8/12/2009	Zr-95	2.60E+00	3.80E+00	1.30E+01	
TM	20	L15583-03	8/26/2009	AcTh-228	-2.00E+01	1.00E+01	4.20E+01	
TM	20	L15583-03	8/26/2009	Ag-108m	3.00E+00	2.30E+00	7.60E+00	
TM	20	L15583-03	8/26/2009	Ag-110m	-4.00E-01	3.30E+00	1.30E+01	
TM	20	L15583-03	8/26/2009	Ba-140	9.50E+00	4.70E+00	1.40E+01	
TM	20	L15583-03	8/26/2009	Be-7	3.00E+00	2.30E+01	8.20E+01	
TM	20	L15583-03	8/26/2009	Ce-141	-8.40E+00	3.60E+00	1.40E+01	
TM	20	L15583-03	8/26/2009	Ce-144	-1.40E+01	1.30E+01	4.80E+01	
TM	20	L15583-03	8/26/2009	Co-57	8.00E-01	1.60E+00	5.50E+00	
TM	20	L15583-03	8/26/2009	Co-58	-1.50E+00	2.50E+00	1.00E+01	
TM	20	L15583-03	8/26/2009	Co-60	-3.00E+00	2.50E+00	1.10E+01	
TM	20	L15583-03	8/26/2009	Cr-51	-2.00E+00	2.30E+01	8.20E+01	
TM	20	L15583-03	8/26/2009	Cs-134	-1.10E+00	2.00E+00	9.40E+00	
TM	20	L15583-03	8/26/2009	Cs-137	3.20E+00	2.60E+00	8.70E+00	
TM	20	L15583-03	8/26/2009	Fe-59	-4.10E+00	5.40E+00	2.20E+01	
TM	20	L15583-03	8/26/2009	I-131	1.00E-01	4.20E+00	1.50E+01	
TM	20	L15583-03	8/26/2009	I-131	1.40E-01	2.00E-01	8.50E-01	
TM	20	L15583-03	8/26/2009	K-40	1.58E+03	1.00E+02	1.30E+02	*
TM	20	L15583-03	8/26/2009	La-140	9.50E+00	4.70E+00	1.40E+01	
TM	20	L15583-03	8/26/2009	Mn-54	4.00E-01	2.80E+00	1.00E+01	
TM	20	L15583-03	8/26/2009	Nb-95	2.30E+00	3.10E+00	1.10E+01	
TM	20	L15583-03	8/26/2009	Ru-103	-4.50E+00	3.00E+00	1.20E+01	
TM	20	L15583-03	8/26/2009	Ru-106	4.70E+01	2.10E+01	6.50E+01	
TM	20	L15583-03	8/26/2009	Sb-124	-3.90E+00	4.50E+00	2.10E+01	
TM	20	L15583-03	8/26/2009	Sb-125	8.00E-01	6.20E+00	2.20E+01	
TM	20	L15583-03	8/26/2009	Se-75	2.00E+00	2.90E+00	9.90E+00	
TM	20	L15583-03	8/26/2009	Zn-65	-8.30E+00	6.20E+00	2.60E+01	
TM	20	L15583-03	8/26/2009	Zr-95	7.30E+00	4.90E+00	1.60E+01	
TM	20	L15645-02	9/9/2009	AcTh-228	1.60E+00	8.10E+00	2.80E+01	
TM	20	L15645-02	9/9/2009	Ag-108m	-1.00E-01	1.50E+00	5.10E+00	
TM	20	L15645-02	9/9/2009	Ag-110m	-2.30E+00	2.50E+00	9.50E+00	
TM	20	L15645-02	9/9/2009	Ba-140	-3.80E+00	3.10E+00	1.30E+01	
TM	20	L15645-02	9/9/2009	Be-7	1.20E+01	1.60E+01	5.60E+01	
TM	20	L15645-02	9/9/2009	Ce-141	-6.50E+00	2.60E+00	9.40E+00	
TM	20	L15645-02	9/9/2009	Ce-144	4.00E+00	1.00E+01	3.50E+01	
TM	20	L15645-02	9/9/2009	Co-57	4.00E-01	1.10E+00	3.80E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15645-02	9/9/2009	Co-58	1.50E+00	2.10E+00	7.20E+00	
TM	20	L15645-02	9/9/2009	Co-60	8.00E-01	2.10E+00	7.60E+00	
TM	20	L15645-02	9/9/2009	Cr-51	1.20E+01	1.50E+01	5.10E+01	
TM	20	L15645-02	9/9/2009	Cs-134	5.00E-01	1.40E+00	6.20E+00	
TM	20	L15645-02	9/9/2009	Cs-137	-1.90E+00	1.80E+00	6.70E+00	
TM	20	L15645-02	9/9/2009	Fe-59	5.00E-01	4.50E+00	1.60E+01	
TM	20	L15645-02	9/9/2009	I-131	4.90E-01	3.10E-01	9.40E-01	
TM	20	L15645-02	9/9/2009	I-131	-5.40E+00	2.80E+00	1.10E+01	
TM	20	L15645-02	9/9/2009	K-40	1.34E+03	6.60E+01	8.80E+01	*
TM	20	L15645-02	9/9/2009	La-140	-3.80E+00	3.10E+00	1.30E+01	
TM	20	L15645-02	9/9/2009	Mn-54	-2.00E-01	1.80E+00	6.60E+00	
TM	20	L15645-02	9/9/2009	Nb-95	7.00E-01	2.30E+00	8.00E+00	
TM	20	L15645-02	9/9/2009	Ru-103	1.50E+00	1.80E+00	6.10E+00	
TM	20	L15645-02	9/9/2009	Ru-106	-2.00E+00	1.60E+01	5.80E+01	
TM	20	L15645-02	9/9/2009	Sb-124	-8.80E+00	4.00E+00	1.80E+01	
TM	20	L15645-02	9/9/2009	Sb-125	-3.00E+00	4.60E+00	1.60E+01	
TM	20	L15645-02	9/9/2009	Se-75	1.50E+00	2.10E+00	7.10E+00	
TM	20	L15645-02	9/9/2009	Zn-65	-1.31E+01	4.80E+00	1.90E+01	
TM	20	L15645-02	9/9/2009	Zr-95	-1.60E+00	3.90E+00	1.40E+01	
TM	20	L15697-02	9/23/2009	AcTh-228	5.40E+00	8.30E+00	2.80E+01	
TM	20	L15697-02	9/23/2009	Ag-108m	1.40E+00	1.50E+00	5.00E+00	
TM	20	L15697-02	9/23/2009	Ag-110m	-1.70E+00	2.60E+00	9.60E+00	
TM	20	L15697-02	9/23/2009	Ba-140	-6.30E+00	3.50E+00	1.50E+01	
TM	20	L15697-02	9/23/2009	Be-7	-2.00E+01	1.40E+01	5.20E+01	
TM	20	L15697-02	9/23/2009	Ce-141	-3.30E+00	2.00E+00	7.30E+00	
TM	20	L15697-02	9/23/2009	Ce-144	4.10E+00	7.50E+00	2.60E+01	
TM	20	L15697-02	9/23/2009	Co-57	-4.80E-01	9.40E-01	3.30E+00	
TM	20	L15697-02	9/23/2009	Co-58	-4.20E+00	2.00E+00	7.70E+00	
TM	20	L15697-02	9/23/2009	Co-60	2.80E+00	2.00E+00	6.70E+00	
TM	20	L15697-02	9/23/2009	Cr-51	1.00E+00	1.50E+01	5.10E+01	
TM	20	L15697-02	9/23/2009	Cs-134	1.20E+00	1.30E+00	5.80E+00	
TM	20	L15697-02	9/23/2009	Cs-137	3.50E+00	2.00E+00	6.40E+00	
TM	20	L15697-02	9/23/2009	Fe-59	2.90E+00	4.30E+00	1.50E+01	
TM	20	L15697-02	9/23/2009	I-131	6.00E-02	1.70E-01	9.30E-01	
TM	20	L15697-02	9/23/2009	I-131	9.00E-01	2.90E+00	1.00E+01	
TM	20	L15697-02	9/23/2009	K-40	1.30E+03	6.80E+01	1.10E+02	*
TM	20	L15697-02	9/23/2009	La-140	-6.30E+00	3.50E+00	1.50E+01	
TM	20	L15697-02	9/23/2009	Mn-54	0.00E+00	1.70E+00	6.10E+00	
TM	20	L15697-02	9/23/2009	Nb-95	-4.00E-01	2.30E+00	8.00E+00	
TM	20	L15697-02	9/23/2009	Ru-103	-4.00E+00	1.80E+00	7.00E+00	
TM	20	L15697-02	9/23/2009	Ru-106	2.40E+01	1.50E+01	5.10E+01	
TM	20	L15697-02	9/23/2009	Sb-124	2.40E+00	4.60E+00	1.60E+01	
TM	20	L15697-02	9/23/2009	Sb-125	1.10E+00	4.60E+00	1.60E+01	
TM	20	L15697-02	9/23/2009	Se-75	-3.90E+00	1.80E+00	6.70E+00	
TM	20	L15697-02	9/23/2009	Zn-65	-1.33E+01	4.40E+00	1.80E+01	
TM	20	L15697-02	9/23/2009	Zr-95	-2.40E+00	3.70E+00	1.30E+01	
TM	20	L15789-01	10/21/2009	AcTh-228	7.00E+00	9.50E+00	3.50E+01	
TM	20	L15789-01	10/21/2009	Ag-108m	-3.10E+00	1.80E+00	7.10E+00	
TM	20	L15789-01	10/21/2009	Ag-110m	2.50E+00	3.70E+00	1.30E+01	
TM	20	L15789-01	10/21/2009	Ba-140	7.60E+00	3.80E+00	1.10E+01	
TM	20	L15789-01	10/21/2009	Be-7	-4.00E+00	1.80E+01	6.50E+01	
TM	20	L15789-01	10/21/2009	Ce-141	-4.20E+00	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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15789-0110/21/2009		Ce-144	2.00E+00	1.70E+01	5.70E+01	
TM	20	L15789-0110/21/2009		Co-57	1.30E+00	1.30E+00	4.50E+00	
TM	20	L15789-0110/21/2009		Co-58	-4.00E-01	2.40E+00	8.80E+00	
TM	20	L15789-0110/21/2009		Co-60	-3.60E+00	2.70E+00	1.10E+01	
TM	20	L15789-0110/21/2009		Cr-51	0.00E+00	1.80E+01	6.40E+01	
TM	20	L15789-0110/21/2009		Cs-134	-3.30E+00	1.90E+00	9.10E+00	
TM	20	L15789-0110/21/2009		Cs-137	-1.00E-01	2.60E+00	9.50E+00	
TM	20	L15789-0110/21/2009		Fe-59	-1.70E+00	6.50E+00	2.80E+01	
TM	20	L15789-0110/21/2009		I-131	-8.40E+00	3.80E+00	1.50E+01	
TM	20	L15789-0110/21/2009		I-131	6.50E-01	3.30E-01	7.80E-01	
TM	20	L15789-0110/21/2009		K-40	1.34E+03	9.30E+01	1.40E+02	*
TM	20	L15789-0110/21/2009		La-140	7.60E+00	3.80E+00	1.10E+01	
TM	20	L15789-0110/21/2009		Mn-54	0.00E+00	2.40E+00	9.00E+00	
TM	20	L15789-0110/21/2009		Nb-95	-4.50E+00	2.70E+00	1.10E+01	
TM	20	L15789-0110/21/2009		Ru-103	-4.10E+00	2.00E+00	8.30E+00	
TM	20	L15789-0110/21/2009		Ru-106	2.30E+01	2.10E+01	7.00E+01	
TM	20	L15789-0110/21/2009		Sb-124	4.20E+00	7.70E+00	2.80E+01	
TM	20	L15789-0110/21/2009		Sb-125	-2.60E+00	6.10E+00	2.20E+01	
TM	20	L15789-0110/21/2009		Se-75	1.30E+00	2.10E+00	7.40E+00	
TM	20	L15789-0110/21/2009		Zn-65	3.00E-01	7.40E+00	2.70E+01	
TM	20	L15789-0110/21/2009		Zr-95	-6.60E+00	4.10E+00	1.70E+01	
TM	20	L15920-0111/18/2009		AcTh-228	-9.40E+00	7.60E+00	2.90E+01	
TM	20	L15920-0111/18/2009		Ag-108m	-3.00E-01	1.50E+00	5.30E+00	
TM	20	L15920-0111/18/2009		Ag-110m	-9.00E-01	2.70E+00	9.90E+00	
TM	20	L15920-0111/18/2009		Ba-140	4.60E+00	4.20E+00	1.40E+01	
TM	20	L15920-0111/18/2009		Be-7	1.10E+01	1.60E+01	5.40E+01	
TM	20	L15920-0111/18/2009		Ce-141	1.60E+00	2.60E+00	8.90E+00	
TM	20	L15920-0111/18/2009		Ce-144	-3.60E+00	9.30E+00	3.30E+01	
TM	20	L15920-0111/18/2009		Co-57	9.00E-01	1.10E+00	3.90E+00	
TM	20	L15920-0111/18/2009		Co-58	-4.80E+00	2.10E+00	8.30E+00	
TM	20	L15920-0111/18/2009		Co-60	3.60E+00	1.90E+00	6.20E+00	
TM	20	L15920-0111/18/2009		Cr-51	2.20E+01	1.70E+01	5.60E+01	
TM	20	L15920-0111/18/2009		Cs-134	1.00E+00	1.50E+00	6.90E+00	
TM	20	L15920-0111/18/2009		Cs-137	1.80E+00	1.70E+00	5.90E+00	
TM	20	L15920-0111/18/2009		Fe-59	-5.30E+00	4.90E+00	1.80E+01	
TM	20	L15920-0111/18/2009		I-131	2.00E-02	1.60E-01	7.80E-01	
TM	20	L15920-0111/18/2009		I-131	2.70E+00	4.30E+00	1.50E+01	
TM	20	L15920-0111/18/2009		K-40	1.34E+03	6.90E+01	1.00E+02	*
TM	20	L15920-0111/18/2009		La-140	4.60E+00	4.20E+00	1.40E+01	
TM	20	L15920-0111/18/2009		Mn-54	1.10E+00	1.80E+00	6.40E+00	
TM	20	L15920-0111/18/2009		Nb-95	-2.00E-01	2.20E+00	7.90E+00	
TM	20	L15920-0111/18/2009		Ru-103	-1.20E+00	2.10E+00	7.70E+00	
TM	20	L15920-0111/18/2009		Ru-106	0.00E+00	1.60E+01	5.80E+01	
TM	20	L15920-0111/18/2009		Sb-124	-2.20E+00	4.40E+00	1.70E+01	
TM	20	L15920-0111/18/2009		Sb-125	6.70E+00	5.10E+00	1.70E+01	
TM	20	L15920-0111/18/2009		Se-75	-5.00E-01	2.20E+00	7.90E+00	
TM	20	L15920-0111/18/2009		Zn-65	-2.60E+00	4.40E+00	1.60E+01	
TM	20	L15920-0111/18/2009		Zr-95	-2.80E+00	3.30E+00	1.20E+01	
TM	20	L15999-0112/16/2009		AcTh-228	1.97E+01	7.00E+00	2.20E+01	
TM	20	L15999-0112/16/2009		Ag-108m	8.00E-01	1.40E+00	4.70E+00	
TM	20	L15999-0112/16/2009		Ag-110m	1.20E+00	2.20E+00	7.60E+00	
TM	20	L15999-0112/16/2009		Ba-140	-3.40E+00	2.90E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	20	L15999-01	12/16/2009	Be-7	3.00E+00	1.40E+01	5.00E+01	
TM	20	L15999-01	12/16/2009	Ce-141	-3.20E+00	2.50E+00	8.70E+00	
TM	20	L15999-01	12/16/2009	Ce-144	-1.23E+01	9.30E+00	3.30E+01	
TM	20	L15999-01	12/16/2009	Co-57	-1.60E+00	1.20E+00	4.10E+00	
TM	20	L15999-01	12/16/2009	Co-58	5.00E-01	1.70E+00	6.10E+00	
TM	20	L15999-01	12/16/2009	Co-60	-5.00E-01	1.70E+00	6.30E+00	
TM	20	L15999-01	12/16/2009	Cr-51	-2.00E+01	1.30E+01	4.80E+01	
TM	20	L15999-01	12/16/2009	Cs-134	1.80E+00	1.30E+00	6.00E+00	
TM	20	L15999-01	12/16/2009	Cs-137	2.50E+00	1.80E+00	6.00E+00	
TM	20	L15999-01	12/16/2009	Fe-59	-5.00E+00	3.30E+00	1.30E+01	
TM	20	L15999-01	12/16/2009	I-131	-1.10E+00	2.90E+00	1.00E+01	
TM	20	L15999-01	12/16/2009	I-131	1.40E-01	1.90E-01	7.80E-01	
TM	20	L15999-01	12/16/2009	K-40	1.30E+03	6.20E+01	8.90E+01	*
TM	20	L15999-01	12/16/2009	La-140	-3.40E+00	2.90E+00	1.20E+01	
TM	20	L15999-01	12/16/2009	Mn-54	-8.00E-01	1.70E+00	6.10E+00	
TM	20	L15999-01	12/16/2009	Nb-95	-1.70E+00	2.00E+00	7.30E+00	
TM	20	L15999-01	12/16/2009	Ru-103	-1.10E+00	1.60E+00	5.90E+00	
TM	20	L15999-01	12/16/2009	Ru-106	2.70E+01	1.50E+01	4.90E+01	
TM	20	L15999-01	12/16/2009	Sb-124	1.70E+00	3.60E+00	1.30E+01	
TM	20	L15999-01	12/16/2009	Sb-125	5.30E+00	4.20E+00	1.40E+01	
TM	20	L15999-01	12/16/2009	Se-75	2.60E+00	1.90E+00	6.50E+00	
TM	20	L15999-01	12/16/2009	Zn-65	-1.30E+00	4.40E+00	1.60E+01	
TM	20	L15999-01	12/16/2009	Zr-95	-3.10E+00	3.20E+00	1.20E+01	
TM	24	L15188-04	5/6/2009	AcTh-228	1.65E+01	8.70E+00	2.80E+01	
TM	24	L15188-04	5/6/2009	Ag-108m	-2.80E+00	1.70E+00	6.30E+00	
TM	24	L15188-04	5/6/2009	Ag-110m	-1.70E+00	3.00E+00	1.10E+01	
TM	24	L15188-04	5/6/2009	Ba-140	-3.50E+00	3.50E+00	1.40E+01	
TM	24	L15188-04	5/6/2009	Be-7	-3.00E+00	1.40E+01	5.00E+01	
TM	24	L15188-04	5/6/2009	Ce-141	-4.00E-01	2.60E+00	9.10E+00	
TM	24	L15188-04	5/6/2009	Ce-144	-5.00E+00	9.40E+00	3.30E+01	
TM	24	L15188-04	5/6/2009	Co-57	-4.00E-01	1.20E+00	4.10E+00	
TM	24	L15188-04	5/6/2009	Co-58	-2.10E+00	2.00E+00	7.70E+00	
TM	24	L15188-04	5/6/2009	Co-60	-1.60E+00	2.40E+00	9.10E+00	
TM	24	L15188-04	5/6/2009	Cr-51	1.60E+01	1.60E+01	5.30E+01	
TM	24	L15188-04	5/6/2009	Cs-134	1.20E+00	1.60E+00	6.50E+00	
TM	24	L15188-04	5/6/2009	Cs-137	5.00E-01	2.30E+00	8.10E+00	
TM	24	L15188-04	5/6/2009	Fe-59	-1.80E+00	5.20E+00	1.90E+01	
TM	24	L15188-04	5/6/2009	I-131	6.00E-01	3.60E+00	1.30E+01	
TM	24	L15188-04	5/6/2009	I-131	2.60E-01	1.90E-01	6.30E-01	
TM	24	L15188-04	5/6/2009	K-40	1.30E+03	7.50E+01	1.10E+02	*
TM	24	L15188-04	5/6/2009	La-140	-3.50E+00	3.50E+00	1.40E+01	
TM	24	L15188-04	5/6/2009	Mn-54	-2.40E+00	1.80E+00	6.90E+00	
TM	24	L15188-04	5/6/2009	Nb-95	-3.00E+00	2.20E+00	8.40E+00	
TM	24	L15188-04	5/6/2009	Ru-103	6.00E-01	1.90E+00	6.70E+00	
TM	24	L15188-04	5/6/2009	Ru-106	-4.00E+00	1.80E+01	6.40E+01	
TM	24	L15188-04	5/6/2009	Sb-124	2.00E+00	4.40E+00	1.70E+01	
TM	24	L15188-04	5/6/2009	Sb-125	-1.15E+01	4.80E+00	1.90E+01	
TM	24	L15188-04	5/6/2009	Se-75	-1.00E-01	1.90E+00	6.80E+00	
TM	24	L15188-04	5/6/2009	Zn-65	-1.80E+00	4.90E+00	1.80E+01	
TM	24	L15188-04	5/6/2009	Zr-95	3.00E-01	3.40E+00	1.20E+01	
TM	24	L15224-04	5/20/2009	AcTh-228	4.10E+00	7.10E+00	2.40E+01	
TM	24	L15224-04	5/20/2009	Ag-108m	-1.20E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	24	L15224-04	5/20/2009	Ag-110m	-2.10E+00	2.00E+00	7.40E+00	
TM	24	L15224-04	5/20/2009	Ba-140	-1.03E+01	3.40E+00	1.50E+01	
TM	24	L15224-04	5/20/2009	Be-7	4.00E+00	1.20E+01	4.10E+01	
TM	24	L15224-04	5/20/2009	Ce-141	1.40E+00	1.40E+00	4.50E+00	
TM	24	L15224-04	5/20/2009	Ce-144	7.20E+00	6.90E+00	2.30E+01	
TM	24	L15224-04	5/20/2009	Co-57	4.20E-01	8.70E-01	2.90E+00	
TM	24	L15224-04	5/20/2009	Co-58	-6.00E-01	1.50E+00	5.30E+00	
TM	24	L15224-04	5/20/2009	Co-60	-6.00E-01	1.90E+00	6.90E+00	
TM	24	L15224-04	5/20/2009	Cr-51	-1.20E+01	1.40E+01	4.90E+01	
TM	24	L15224-04	5/20/2009	Cs-134	5.00E-01	1.10E+00	5.30E+00	
TM	24	L15224-04	5/20/2009	Cs-137	1.90E+00	1.60E+00	5.50E+00	
TM	24	L15224-04	5/20/2009	Fe-59	3.20E+00	3.90E+00	1.30E+01	
TM	24	L15224-04	5/20/2009	I-131	2.40E-01	2.00E-01	7.20E-01	
TM	24	L15224-04	5/20/2009	I-131	-2.80E+00	3.50E+00	1.20E+01	
TM	24	L15224-04	5/20/2009	K-40	1.50E+03	5.90E+01	8.10E+01	*
TM	24	L15224-04	5/20/2009	La-140	-1.03E+01	3.40E+00	1.50E+01	
TM	24	L15224-04	5/20/2009	Mn-54	-2.20E+00	1.40E+00	5.30E+00	
TM	24	L15224-04	5/20/2009	Nb-95	-5.00E-01	1.80E+00	6.40E+00	
TM	24	L15224-04	5/20/2009	Ru-103	1.70E+00	1.50E+00	5.00E+00	
TM	24	L15224-04	5/20/2009	Ru-106	-1.00E+01	1.40E+01	4.90E+01	
TM	24	L15224-04	5/20/2009	Sb-124	2.30E+00	3.90E+00	1.40E+01	
TM	24	L15224-04	5/20/2009	Sb-125	-3.70E+00	3.50E+00	1.30E+01	
TM	24	L15224-04	5/20/2009	Se-75	0.00E+00	1.40E+00	5.00E+00	
TM	24	L15224-04	5/20/2009	Zn-65	-2.80E+00	3.90E+00	1.40E+01	
TM	24	L15224-04	5/20/2009	Zr-95	1.80E+00	2.50E+00	8.70E+00	
TM	24	L15284-04	6/3/2009	AcTh-228	1.20E+00	6.30E+00	2.20E+01	
TM	24	L15284-04	6/3/2009	Ag-108m	-1.90E+00	1.60E+00	5.60E+00	
TM	24	L15284-04	6/3/2009	Ag-110m	2.10E+00	2.80E+00	9.60E+00	
TM	24	L15284-04	6/3/2009	Ba-140	4.20E+00	2.90E+00	9.50E+00	
TM	24	L15284-04	6/3/2009	Be-7	3.00E+00	1.40E+01	4.90E+01	
TM	24	L15284-04	6/3/2009	Ce-141	5.00E-01	2.60E+00	8.70E+00	
TM	24	L15284-04	6/3/2009	Ce-144	1.29E+01	9.90E+00	3.30E+01	
TM	24	L15284-04	6/3/2009	Co-57	-2.00E-01	1.30E+00	4.30E+00	
TM	24	L15284-04	6/3/2009	Co-58	-2.70E+00	1.80E+00	6.60E+00	
TM	24	L15284-04	6/3/2009	Co-60	1.10E+00	1.80E+00	6.40E+00	
TM	24	L15284-04	6/3/2009	Cr-51	1.90E+01	1.50E+01	4.90E+01	
TM	24	L15284-04	6/3/2009	Cs-134	-5.00E-01	1.80E+00	6.60E+00	
TM	24	L15284-04	6/3/2009	Cs-137	8.00E-01	1.80E+00	6.20E+00	
TM	24	L15284-04	6/3/2009	Fe-59	-5.00E+00	3.50E+00	1.30E+01	
TM	24	L15284-04	6/3/2009	I-131	-1.80E+00	3.30E+00	1.20E+01	
TM	24	L15284-04	6/3/2009	I-131	-1.09E-01	2.30E-02	8.90E-01	
TM	24	L15284-04	6/3/2009	K-40	1.47E+03	6.10E+01	7.20E+01	*
TM	24	L15284-04	6/3/2009	La-140	4.20E+00	2.90E+00	9.50E+00	
TM	24	L15284-04	6/3/2009	Mn-54	-2.10E+00	1.70E+00	6.20E+00	
TM	24	L15284-04	6/3/2009	Nb-95	-1.70E+00	2.10E+00	7.60E+00	
TM	24	L15284-04	6/3/2009	Ru-103	-6.00E-01	1.90E+00	6.60E+00	
TM	24	L15284-04	6/3/2009	Ru-106	2.20E+01	1.50E+01	5.10E+01	
TM	24	L15284-04	6/3/2009	Sb-124	-3.70E+00	3.70E+00	1.50E+01	
TM	24	L15284-04	6/3/2009	Sb-125	-1.80E+00	4.80E+00	1.70E+01	
TM	24	L15284-04	6/3/2009	Se-75	-4.00E+00	2.10E+00	7.50E+00	
TM	24	L15284-04	6/3/2009	Zn-65	-3.70E+00	7.90E+00	2.70E+01	
TM	24	L15284-04	6/3/2009	Zr-95	-3.70E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	24	L15324-04	6/17/2009	AcTh-228	-4.00E+00	1.00E+01	3.70E+01	
TM	24	L15324-04	6/17/2009	Ag-108m	1.30E+00	1.60E+00	5.30E+00	
TM	24	L15324-04	6/17/2009	Ag-110m	-3.80E+00	3.40E+00	1.30E+01	
TM	24	L15324-04	6/17/2009	Ba-140	-8.00E-01	3.70E+00	1.50E+01	
TM	24	L15324-04	6/17/2009	Be-7	-6.00E+00	1.50E+01	5.60E+01	
TM	24	L15324-04	6/17/2009	Ce-141	1.30E+00	2.70E+00	9.10E+00	
TM	24	L15324-04	6/17/2009	Ce-144	-1.00E+00	1.10E+01	3.70E+01	
TM	24	L15324-04	6/17/2009	Co-57	2.30E+00	1.30E+00	4.20E+00	
TM	24	L15324-04	6/17/2009	Co-58	-3.00E-01	2.20E+00	8.00E+00	
TM	24	L15324-04	6/17/2009	Co-60	4.80E+00	2.40E+00	7.50E+00	
TM	24	L15324-04	6/17/2009	Cr-51	5.00E+00	1.80E+01	6.20E+01	
TM	24	L15324-04	6/17/2009	Cs-134	-1.30E+00	1.60E+00	7.60E+00	
TM	24	L15324-04	6/17/2009	Cs-137	7.20E+00	2.50E+00	7.50E+00	
TM	24	L15324-04	6/17/2009	Fe-59	-7.00E-01	5.70E+00	2.10E+01	
TM	24	L15324-04	6/17/2009	I-131	0.00E+00	3.80E+00	1.30E+01	
TM	24	L15324-04	6/17/2009	I-131	1.10E-01	2.20E-01	9.30E-01	
TM	24	L15324-04	6/17/2009	K-40	1.55E+03	8.90E+01	1.20E+02	*
TM	24	L15324-04	6/17/2009	La-140	-8.00E-01	3.70E+00	1.50E+01	
TM	24	L15324-04	6/17/2009	Mn-54	-1.00E-01	2.10E+00	7.60E+00	
TM	24	L15324-04	6/17/2009	Nb-95	9.00E-01	2.30E+00	8.20E+00	
TM	24	L15324-04	6/17/2009	Ru-103	3.10E+00	2.20E+00	7.20E+00	
TM	24	L15324-04	6/17/2009	Ru-106	-3.50E+01	1.90E+01	7.40E+01	
TM	24	L15324-04	6/17/2009	Sb-124	0.00E+00	5.40E+00	2.10E+01	
TM	24	L15324-04	6/17/2009	Sb-125	1.10E+00	4.70E+00	1.70E+01	
TM	24	L15324-04	6/17/2009	Se-75	5.00E-01	1.90E+00	6.60E+00	
TM	24	L15324-04	6/17/2009	Zn-65	-8.00E-01	5.70E+00	2.10E+01	
TM	24	L15324-04	6/17/2009	Zr-95	1.40E+00	3.80E+00	1.30E+01	
TM	24	L15446-04	7/15/2009	AcTh-228	3.40E+00	7.10E+00	2.50E+01	
TM	24	L15446-04	7/15/2009	Ag-108m	-2.00E+00	1.30E+00	5.50E+00	
TM	24	L15446-04	7/15/2009	Ag-110m	1.20E+00	2.20E+00	8.00E+00	
TM	24	L15446-04	7/15/2009	Ba-140	1.80E+00	3.40E+00	1.30E+01	
TM	24	L15446-04	7/15/2009	Be-7	1.40E+01	1.70E+01	5.80E+01	
TM	24	L15446-04	7/15/2009	Ce-141	-3.30E+00	3.50E+00	1.30E+01	
TM	24	L15446-04	7/15/2009	Ce-144	-2.00E+00	1.00E+01	3.60E+01	
TM	24	L15446-04	7/15/2009	Co-57	-6.00E-01	1.30E+00	4.80E+00	
TM	24	L15446-04	7/15/2009	Co-58	1.50E+00	2.20E+00	7.80E+00	
TM	24	L15446-04	7/15/2009	Co-60	4.00E-01	1.90E+00	7.40E+00	
TM	24	L15446-04	7/15/2009	Cr-51	-1.00E+01	1.70E+01	6.40E+01	
TM	24	L15446-04	7/15/2009	Cs-134	-4.00E+00	1.40E+00	6.60E+00	
TM	24	L15446-04	7/15/2009	Cs-137	4.90E+00	2.10E+00	6.50E+00	
TM	24	L15446-04	7/15/2009	Fe-59	-3.30E+00	4.90E+00	1.90E+01	
TM	24	L15446-04	7/15/2009	I-131	7.00E-01	6.00E+00	2.20E+01	
TM	24	L15446-04	7/15/2009	I-131	9.00E-02	1.80E-01	7.90E-01	
TM	24	L15446-04	7/15/2009	K-40	1.68E+03	8.90E+01	1.00E+02	*
TM	24	L15446-04	7/15/2009	La-140	1.80E+00	3.40E+00	1.30E+01	
TM	24	L15446-04	7/15/2009	Mn-54	9.00E-01	1.70E+00	6.20E+00	
TM	24	L15446-04	7/15/2009	Nb-95	4.80E+00	2.50E+00	8.10E+00	
TM	24	L15446-04	7/15/2009	Ru-103	1.50E+00	2.20E+00	7.80E+00	
TM	24	L15446-04	7/15/2009	Ru-106	-7.00E+00	1.60E+01	6.20E+01	
TM	24	L15446-04	7/15/2009	Sb-124	-6.10E+00	4.60E+00	2.10E+01	
TM	24	L15446-04	7/15/2009	Sb-125	-3.10E+00	5.10E+00	1.90E+01	
TM	24	L15446-04	7/15/2009	Se-75	0.00E+00	2.20E+00	7.90E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TM	24	L15446-04	7/15/2009	Zn-65	-3.80E+00	4.90E+00	1.90E+01	
TM	24	L15446-04	7/15/2009	Zr-95	1.90E+00	3.30E+00	1.20E+01	
TM	24	L15489-04	7/29/2009	AcTh-228	-1.20E+00	3.20E+00	1.10E+01	
TM	24	L15489-04	7/29/2009	Ag-108m	-5.90E-01	5.30E-01	1.80E+00	
TM	24	L15489-04	7/29/2009	Ag-110m	-1.50E-01	9.60E-01	3.30E+00	
TM	24	L15489-04	7/29/2009	Ba-140	-2.40E+00	1.70E+00	6.00E+00	
TM	24	L15489-04	7/29/2009	Be-7	1.00E+00	5.60E+00	1.90E+01	
TM	24	L15489-04	7/29/2009	Ce-141	-1.00E-01	1.20E+00	3.90E+00	
TM	24	L15489-04	7/29/2009	Ce-144	4.60E+00	3.50E+00	1.20E+01	
TM	24	L15489-04	7/29/2009	Co-57	-4.00E-02	4.50E-01	1.50E+00	
TM	24	L15489-04	7/29/2009	Co-58	-5.40E-01	6.60E-01	2.30E+00	
TM	24	L15489-04	7/29/2009	Co-60	-1.31E+00	7.00E-01	2.50E+00	
TM	24	L15489-04	7/29/2009	Cr-51	-1.90E+00	6.20E+00	2.10E+01	
TM	24	L15489-04	7/29/2009	Cs-134	-2.10E-01	5.30E-01	2.20E+00	
TM	24	L15489-04	7/29/2009	Cs-137	9.39E+00	8.70E-01	2.50E+00	*
TM	24	L15489-04	7/29/2009	Fe-59	-1.00E+00	1.60E+00	5.60E+00	
TM	24	L15489-04	7/29/2009	I-131	-8.40E-02	1.50E-02	5.20E-01	
TM	24	L15489-04	7/29/2009	I-131	-4.00E-01	2.40E+00	7.90E+00	
TM	24	L15489-04	7/29/2009	K-40	1.83E+03	2.70E+01	3.30E+01	*
TM	24	L15489-04	7/29/2009	La-140	-2.40E+00	1.70E+00	6.00E+00	
TM	24	L15489-04	7/29/2009	Mn-54	-6.80E-01	5.90E-01	2.10E+00	
TM	24	L15489-04	7/29/2009	Nb-95	4.90E-01	8.00E-01	2.70E+00	
TM	24	L15489-04	7/29/2009	Ru-103	-1.22E+00	7.60E-01	2.60E+00	
TM	24	L15489-04	7/29/2009	Ru-106	4.50E+00	5.90E+00	2.00E+01	
TM	24	L15489-04	7/29/2009	Sb-124	-2.40E+00	1.50E+00	5.60E+00	
TM	24	L15489-04	7/29/2009	Sb-125	-5.00E-01	1.60E+00	5.50E+00	
TM	24	L15489-04	7/29/2009	Se-75	-9.00E-01	1.00E+00	3.50E+00	
TM	24	L15489-04	7/29/2009	Zn-65	-5.00E-01	1.70E+00	5.70E+00	
TM	24	L15489-04	7/29/2009	Zr-95	-3.00E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	8	L15225-01	5/19/2009	AcTh-228	-5.40E+01	5.30E+01	2.20E+02	
TG	8	L15225-01	5/19/2009	Ag-108m	-1.26E+01	9.40E+00	3.90E+01	
TG	8	L15225-01	5/19/2009	Ag-110m	9.00E+00	1.90E+01	7.10E+01	
TG	8	L15225-01	5/19/2009	Ba-140	2.70E+01	3.30E+01	1.30E+02	
TG	8	L15225-01	5/19/2009	Be-7	2.90E+02	1.30E+02	3.90E+02	
TG	8	L15225-01	5/19/2009	Ce-141	3.00E+00	1.60E+01	5.70E+01	
TG	8	L15225-01	5/19/2009	Ce-144	-6.80E+01	4.30E+01	1.70E+02	
TG	8	L15225-01	5/19/2009	Co-57	-9.00E-01	5.60E+00	2.10E+01	
TG	8	L15225-01	5/19/2009	Co-58	-1.06E+01	9.80E+00	4.70E+01	
TG	8	L15225-01	5/19/2009	Co-60	2.30E+01	1.00E+01	1.20E+01	
TG	8	L15225-01	5/19/2009	Cr-51	-1.50E+02	1.20E+02	5.00E+02	
TG	8	L15225-01	5/19/2009	Cs-134	-7.00E+00	9.60E+00	4.70E+01	
TG	8	L15225-01	5/19/2009	Cs-137	1.60E+01	1.40E+01	4.90E+01	
TG	8	L15225-01	5/19/2009	Fe-59	-9.00E+00	3.10E+01	1.30E+02	
TG	8	L15225-01	5/19/2009	I-131	-3.69E+00	6.60E-01	2.70E+01	
TG	8	L15225-01	5/19/2009	I-131	8.20E+01	4.10E+01	1.30E+02	
TG	8	L15225-01	5/19/2009	K-40	3.10E+03	4.30E+02	7.60E+02	*
TG	8	L15225-01	5/19/2009	La-140	2.70E+01	3.30E+01	1.30E+02	
TG	8	L15225-01	5/19/2009	Mn-54	-3.20E+01	1.00E+01	5.50E+01	
TG	8	L15225-01	5/19/2009	Nb-95	3.30E+01	1.50E+01	4.60E+01	
TG	8	L15225-01	5/19/2009	Ru-103	-3.00E+00	1.20E+01	4.80E+01	
TG	8	L15225-01	5/19/2009	Ru-106	-4.00E+01	1.20E+02	4.80E+02	
TG	8	L15225-01	5/19/2009	Sb-124	0.00E+00	2.80E+01	1.30E+02	
TG	8	L15225-01	5/19/2009	Sb-125	-2.20E+01	3.00E+01	1.20E+02	
TG	8	L15225-01	5/19/2009	Se-75	-1.00E+00	1.00E+01	4.00E+01	
TG	8	L15225-01	5/19/2009	Zn-65	3.20E+01	3.00E+01	1.00E+02	
TG	8	L15225-01	5/19/2009	Zr-95	2.20E+01	2.10E+01	7.60E+01	
TG	8	L15499-01	8/1/2009	AcTh-228	9.80E+01	6.10E+01	2.00E+02	
TG	8	L15499-01	8/1/2009	Ag-108m	7.00E+00	1.20E+01	4.20E+01	
TG	8	L15499-01	8/1/2009	Ag-110m	-1.30E+01	2.50E+01	9.60E+01	
TG	8	L15499-01	8/1/2009	Ba-140	1.70E+01	3.60E+01	1.30E+02	
TG	8	L15499-01	8/1/2009	Be-7	1.73E+03	2.40E+02	5.80E+02	*
TG	8	L15499-01	8/1/2009	Ce-141	-1.90E+01	1.90E+01	7.10E+01	
TG	8	L15499-01	8/1/2009	Ce-144	8.80E+01	7.00E+01	2.30E+02	
TG	8	L15499-01	8/1/2009	Co-57	-1.11E+01	9.30E+00	3.40E+01	
TG	8	L15499-01	8/1/2009	Co-58	2.20E+01	1.60E+01	5.40E+01	
TG	8	L15499-01	8/1/2009	Co-60	2.60E+01	1.50E+01	4.80E+01	
TG	8	L15499-01	8/1/2009	Cr-51	-8.00E+01	1.40E+02	5.10E+02	
TG	8	L15499-01	8/1/2009	Cs-134	1.40E+01	1.10E+01	4.80E+01	
TG	8	L15499-01	8/1/2009	Cs-137	1.70E+01	1.50E+01	5.00E+01	
TG	8	L15499-01	8/1/2009	Fe-59	2.90E+01	3.40E+01	1.20E+02	
TG	8	L15499-01	8/1/2009	I-131	-1.10E+01	3.70E+01	1.40E+02	
TG	8	L15499-01	8/1/2009	I-131	-2.60E+00	8.60E+00	5.50E+01	
TG	8	L15499-01	8/1/2009	K-40	4.54E+03	4.40E+02	6.50E+02	*
TG	8	L15499-01	8/1/2009	La-140	1.70E+01	3.60E+01	1.30E+02	
TG	8	L15499-01	8/1/2009	Mn-54	2.30E+01	1.50E+01	4.90E+01	
TG	8	L15499-01	8/1/2009	Nb-95	-2.60E+01	1.70E+01	7.00E+01	
TG	8	L15499-01	8/1/2009	Ru-103	-1.30E+01	1.90E+01	7.00E+01	
TG	8	L15499-01	8/1/2009	Ru-106	-1.70E+02	1.30E+02	5.30E+02	
TG	8	L15499-01	8/1/2009	Sb-124	-2.10E+01	3.60E+01	1.50E+02	
TG	8	L15499-01	8/1/2009	Sb-125	2.20E+01	4.00E+01	1.40E+02	
TG	8	L15499-01	8/1/2009	Se-75	2.20E+01	1.60E+01	5.20E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	8	L15499-01	8/1/2009	Zn-65	-3.90E+01	4.50E+01	1.70E+02	
TG	8	L15499-01	8/1/2009	Zr-95	2.90E+01	2.60E+01	9.10E+01	
TG	8	L15581-01	8/25/2009	AcTh-228	4.00E+01	8.00E+01	2.80E+02	
TG	8	L15581-01	8/25/2009	Ag-108m	5.70E+00	9.90E+00	3.50E+01	
TG	8	L15581-01	8/25/2009	Ag-110m	-1.50E+01	1.70E+01	6.80E+01	
TG	8	L15581-01	8/25/2009	Ba-140	0.00E+00	4.30E+01	1.70E+02	
TG	8	L15581-01	8/25/2009	Be-7	1.45E+03	2.00E+02	5.30E+02	*
TG	8	L15581-01	8/25/2009	Ce-141	2.00E+01	1.70E+01	5.70E+01	
TG	8	L15581-01	8/25/2009	Ce-144	2.30E+01	5.20E+01	1.80E+02	
TG	8	L15581-01	8/25/2009	Co-57	3.80E+00	6.50E+00	2.20E+01	
TG	8	L15581-01	8/25/2009	Co-58	2.00E+00	1.50E+01	5.60E+01	
TG	8	L15581-01	8/25/2009	Co-60	1.20E+01	1.60E+01	5.90E+01	
TG	8	L15581-01	8/25/2009	Cr-51	1.70E+02	1.10E+02	3.80E+02	
TG	8	L15581-01	8/25/2009	Cs-134	-7.80E+00	9.60E+00	5.00E+01	
TG	8	L15581-01	8/25/2009	Cs-137	-1.30E+01	1.30E+01	5.20E+01	
TG	8	L15581-01	8/25/2009	Fe-59	4.50E+01	2.90E+01	9.70E+01	
TG	8	L15581-01	8/25/2009	I-131	4.80E+01	4.00E+01	1.30E+02	
TG	8	L15581-01	8/25/2009	I-131	2.70E+00	9.20E+00	4.40E+01	
TG	8	L15581-01	8/25/2009	K-40	2.86E+03	3.70E+02	8.20E+02	*
TG	8	L15581-01	8/25/2009	La-140	0.00E+00	4.30E+01	1.70E+02	
TG	8	L15581-01	8/25/2009	Mn-54	-8.00E+00	1.40E+01	5.30E+01	
TG	8	L15581-01	8/25/2009	Nb-95	1.00E+00	1.50E+01	5.60E+01	
TG	8	L15581-01	8/25/2009	Ru-103	-2.00E+00	1.30E+01	4.80E+01	
TG	8	L15581-01	8/25/2009	Ru-106	1.00E+02	1.30E+02	4.50E+02	
TG	8	L15581-01	8/25/2009	Sb-124	-1.70E+01	3.80E+01	1.60E+02	
TG	8	L15581-01	8/25/2009	Sb-125	-3.00E+00	2.80E+01	1.00E+02	
TG	8	L15581-01	8/25/2009	Se-75	6.00E+00	1.30E+01	4.50E+01	
TG	8	L15581-01	8/25/2009	Zn-65	-8.00E+00	3.50E+01	1.30E+02	
TG	8	L15581-01	8/25/2009	Zr-95	2.80E+01	2.40E+01	8.10E+01	
TG	8	L15698-01	9/22/2009	AcTh-228	2.01E+02	5.50E+01	1.80E+02	*
TG	8	L15698-01	9/22/2009	Ag-108m	2.00E+00	1.00E+01	3.70E+01	
TG	8	L15698-01	9/22/2009	Ag-110m	-2.00E+01	2.00E+01	7.90E+01	
TG	8	L15698-01	9/22/2009	Ba-140	3.00E+01	7.00E+01	2.60E+02	
TG	8	L15698-01	9/22/2009	Be-7	5.21E+03	3.50E+02	6.80E+02	*
TG	8	L15698-01	9/22/2009	Ce-141	-3.60E+01	2.60E+01	9.60E+01	
TG	8	L15698-01	9/22/2009	Ce-144	1.00E+00	6.60E+01	2.30E+02	
TG	8	L15698-01	9/22/2009	Co-57	6.00E-01	8.50E+00	3.00E+01	
TG	8	L15698-01	9/22/2009	Co-58	1.20E+01	1.50E+01	5.20E+01	
TG	8	L15698-01	9/22/2009	Co-60	-3.00E+00	1.30E+01	5.20E+01	
TG	8	L15698-01	9/22/2009	Cr-51	-1.30E+02	1.90E+02	6.90E+02	
TG	8	L15698-01	9/22/2009	Cs-134	1.70E+01	1.10E+01	5.00E+01	
TG	8	L15698-01	9/22/2009	Cs-137	-1.00E+00	1.40E+01	5.20E+01	
TG	8	L15698-01	9/22/2009	Fe-59	5.50E+01	3.80E+01	1.20E+02	
TG	8	L15698-01	9/22/2009	I-131	1.20E+02	1.40E+02	4.70E+02	
TG	8	L15698-01	9/22/2009	I-131	9.00E+00	1.30E+01	5.80E+01	
TG	8	L15698-01	9/22/2009	K-40	3.19E+03	3.50E+02	7.00E+02	*
TG	8	L15698-01	9/22/2009	La-140	3.00E+01	7.00E+01	2.60E+02	
TG	8	L15698-01	9/22/2009	Mn-54	-2.00E+00	1.50E+01	5.50E+01	
TG	8	L15698-01	9/22/2009	Nb-95	-7.00E+01	2.40E+01	9.90E+01	
TG	8	L15698-01	9/22/2009	Ru-103	-3.00E+00	2.10E+01	7.40E+01	
TG	8	L15698-01	9/22/2009	Ru-106	-1.70E+02	1.30E+02	4.90E+02	
TG	8	L15698-01	9/22/2009	Sb-124	9.00E+00	3.60E+01	1.40E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	8	L15698-01	9/22/2009	Sb-125	-5.80E+01	3.20E+01	1.30E+02	
TG	8	L15698-01	9/22/2009	Se-75	-6.00E+00	1.70E+01	6.00E+01	
TG	8	L15698-01	9/22/2009	Zn-65	-4.10E+01	3.60E+01	1.40E+02	
TG	8	L15698-01	9/22/2009	Zr-95	2.60E+01	3.40E+01	1.20E+02	
TG	8	L15817-01	10/23/2009	AcTh-228	1.10E+01	4.10E+01	1.50E+02	
TG	8	L15817-01	10/23/2009	Ag-108m	1.30E+01	1.00E+01	3.40E+01	
TG	8	L15817-01	10/23/2009	Ag-110m	-1.60E+01	1.70E+01	6.40E+01	
TG	8	L15817-01	10/23/2009	Ba-140	2.00E+01	3.00E+01	1.10E+02	
TG	8	L15817-01	10/23/2009	Be-7	3.51E+03	2.40E+02	4.70E+02	*
TG	8	L15817-01	10/23/2009	Ce-141	2.60E+01	1.90E+01	6.30E+01	
TG	8	L15817-01	10/23/2009	Ce-144	7.00E+00	5.30E+01	1.80E+02	
TG	8	L15817-01	10/23/2009	Co-57	1.30E+01	7.10E+00	2.30E+01	
TG	8	L15817-01	10/23/2009	Co-58	-1.60E+01	1.20E+01	4.70E+01	
TG	8	L15817-01	10/23/2009	Co-60	-1.40E+01	1.20E+01	4.80E+01	
TG	8	L15817-01	10/23/2009	Cr-51	7.00E+01	1.30E+02	4.60E+02	
TG	8	L15817-01	10/23/2009	Cs-134	5.00E+00	1.10E+01	4.60E+01	
TG	8	L15817-01	10/23/2009	Cs-137	3.00E+00	1.30E+01	4.60E+01	
TG	8	L15817-01	10/23/2009	Fe-59	1.60E+01	2.40E+01	8.70E+01	
TG	8	L15817-01	10/23/2009	I-131	7.00E+00	1.30E+01	5.90E+01	
TG	8	L15817-01	10/23/2009	I-131	-9.70E+01	4.60E+01	1.80E+02	
TG	8	L15817-01	10/23/2009	K-40	3.00E+03	3.00E+02	6.20E+02	*
TG	8	L15817-01	10/23/2009	La-140	2.00E+01	3.00E+01	1.10E+02	
TG	8	L15817-01	10/23/2009	Mn-54	-8.00E+00	1.20E+01	4.50E+01	
TG	8	L15817-01	10/23/2009	Nb-95	1.40E+01	1.70E+01	6.00E+01	
TG	8	L15817-01	10/23/2009	Ru-103	9.00E+00	1.40E+01	4.90E+01	
TG	8	L15817-01	10/23/2009	Ru-106	-1.10E+02	1.00E+02	3.80E+02	
TG	8	L15817-01	10/23/2009	Sb-124	6.30E+01	2.70E+01	8.00E+01	
TG	8	L15817-01	10/23/2009	Sb-125	-2.30E+01	3.20E+01	1.20E+02	
TG	8	L15817-01	10/23/2009	Se-75	9.00E+00	1.40E+01	4.90E+01	
TG	8	L15817-01	10/23/2009	Zn-65	-1.20E+01	2.70E+01	1.00E+02	
TG	8	L15817-01	10/23/2009	Zr-95	1.10E+01	2.30E+01	8.10E+01	
TG	9	L15225-02	5/19/2009	AcTh-228	1.18E+02	6.00E+01	1.90E+02	
TG	9	L15225-02	5/19/2009	Ag-108m	-6.00E+00	1.30E+01	5.10E+01	
TG	9	L15225-02	5/19/2009	Ag-110m	-8.00E+00	1.70E+01	7.10E+01	
TG	9	L15225-02	5/19/2009	Ba-140	2.60E+01	4.50E+01	1.70E+02	
TG	9	L15225-02	5/19/2009	Be-7	4.10E+02	2.10E+02	6.70E+02	
TG	9	L15225-02	5/19/2009	Ce-141	1.60E+01	1.90E+01	6.50E+01	
TG	9	L15225-02	5/19/2009	Ce-144	-1.70E+01	6.50E+01	2.40E+02	
TG	9	L15225-02	5/19/2009	Co-57	1.10E+00	7.60E+00	2.80E+01	
TG	9	L15225-02	5/19/2009	Co-58	4.00E+00	1.40E+01	5.40E+01	
TG	9	L15225-02	5/19/2009	Co-60	0.00E+00	1.30E+01	5.40E+01	
TG	9	L15225-02	5/19/2009	Cr-51	7.00E+01	1.40E+02	5.10E+02	
TG	9	L15225-02	5/19/2009	Cs-134	2.20E+00	9.00E+00	4.90E+01	
TG	9	L15225-02	5/19/2009	Cs-137	1.20E+01	1.40E+01	5.10E+01	
TG	9	L15225-02	5/19/2009	Fe-59	5.00E+00	2.90E+01	1.20E+02	
TG	9	L15225-02	5/19/2009	I-131	-2.70E+01	4.60E+01	1.80E+02	
TG	9	L15225-02	5/19/2009	I-131	-5.60E+00	1.00E+00	4.10E+01	
TG	9	L15225-02	5/19/2009	K-40	3.06E+03	4.20E+02	7.80E+02	*
TG	9	L15225-02	5/19/2009	La-140	2.60E+01	4.50E+01	1.70E+02	
TG	9	L15225-02	5/19/2009	Mn-54	0.00E+00	1.30E+01	5.10E+01	
TG	9	L15225-02	5/19/2009	Nb-95	-1.20E+01	1.60E+01	6.70E+01	
TG	9	L15225-02	5/19/2009	Ru-103	-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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	9	L15225-02	5/19/2009	Ru-106	3.00E+01	1.30E+02	4.90E+02	
TG	9	L15225-02	5/19/2009	Sb-124	-2.70E+01	3.30E+01	1.60E+02	
TG	9	L15225-02	5/19/2009	Sb-125	2.30E+01	3.10E+01	1.10E+02	
TG	9	L15225-02	5/19/2009	Se-75	-1.40E+01	1.20E+01	5.20E+01	
TG	9	L15225-02	5/19/2009	Zn-65	-6.50E+01	3.20E+01	1.50E+02	
TG	9	L15225-02	5/19/2009	Zr-95	-3.10E+01	2.20E+01	1.00E+02	
TG	9	L15499-02	8/1/2009	AcTh-228	5.20E+01	5.50E+01	1.90E+02	
TG	9	L15499-02	8/1/2009	Ag-108m	-1.03E+01	9.30E+00	3.50E+01	
TG	9	L15499-02	8/1/2009	Ag-110m	1.00E+01	1.70E+01	6.10E+01	
TG	9	L15499-02	8/1/2009	Ba-140	1.00E+01	2.50E+01	9.60E+01	
TG	9	L15499-02	8/1/2009	Be-7	9.20E+02	1.70E+02	4.80E+02	*
TG	9	L15499-02	8/1/2009	Ce-141	-4.00E+00	1.60E+01	5.50E+01	
TG	9	L15499-02	8/1/2009	Ce-144	3.00E+01	4.90E+01	1.70E+02	
TG	9	L15499-02	8/1/2009	Co-57	-1.90E+00	6.40E+00	2.20E+01	
TG	9	L15499-02	8/1/2009	Co-58	2.30E+01	1.60E+01	5.30E+01	
TG	9	L15499-02	8/1/2009	Co-60	-8.00E+00	1.50E+01	5.90E+01	
TG	9	L15499-02	8/1/2009	Cr-51	-1.00E+02	1.00E+02	3.80E+02	
TG	9	L15499-02	8/1/2009	Cs-134	2.00E+01	1.00E+01	4.50E+01	
TG	9	L15499-02	8/1/2009	Cs-137	1.50E+01	1.40E+01	4.90E+01	
TG	9	L15499-02	8/1/2009	Fe-59	3.10E+01	3.70E+01	1.30E+02	
TG	9	L15499-02	8/1/2009	I-131	-8.20E+00	1.40E+00	5.80E+01	
TG	9	L15499-02	8/1/2009	I-131	2.10E+01	3.40E+01	1.20E+02	
TG	9	L15499-02	8/1/2009	K-40	4.22E+03	4.00E+02	7.70E+02	*
TG	9	L15499-02	8/1/2009	La-140	1.00E+01	2.50E+01	9.60E+01	
TG	9	L15499-02	8/1/2009	Mn-54	2.50E+01	1.50E+01	5.00E+01	
TG	9	L15499-02	8/1/2009	Nb-95	1.20E+01	1.70E+01	5.90E+01	
TG	9	L15499-02	8/1/2009	Ru-103	-7.00E+00	1.30E+01	4.70E+01	
TG	9	L15499-02	8/1/2009	Ru-106	5.00E+01	1.40E+02	4.80E+02	
TG	9	L15499-02	8/1/2009	Sb-124	3.40E+01	3.80E+01	1.40E+02	
TG	9	L15499-02	8/1/2009	Sb-125	6.00E+00	3.00E+01	1.10E+02	
TG	9	L15499-02	8/1/2009	Se-75	-4.00E+00	1.20E+01	4.40E+01	
TG	9	L15499-02	8/1/2009	Zn-65	2.00E+01	3.40E+01	1.20E+02	
TG	9	L15499-02	8/1/2009	Zr-95	3.50E+01	2.50E+01	8.50E+01	
TG	9	L15581-02	8/25/2009	AcTh-228	-1.60E+01	6.00E+01	2.30E+02	
TG	9	L15581-02	8/25/2009	Ag-108m	-1.20E+01	1.00E+01	3.90E+01	
TG	9	L15581-02	8/25/2009	Ag-110m	-2.00E+01	2.10E+01	8.30E+01	
TG	9	L15581-02	8/25/2009	Ba-140	-2.00E+01	3.50E+01	1.50E+02	
TG	9	L15581-02	8/25/2009	Be-7	2.64E+03	2.50E+02	5.30E+02	*
TG	9	L15581-02	8/25/2009	Ce-141	-2.20E+01	1.80E+01	6.70E+01	
TG	9	L15581-02	8/25/2009	Ce-144	5.90E+01	5.50E+01	1.80E+02	
TG	9	L15581-02	8/25/2009	Co-57	-6.60E+00	6.90E+00	2.50E+01	
TG	9	L15581-02	8/25/2009	Co-58	3.00E+00	1.40E+01	5.30E+01	
TG	9	L15581-02	8/25/2009	Co-60	-2.60E+01	1.70E+01	7.40E+01	
TG	9	L15581-02	8/25/2009	Cr-51	0.00E+00	1.30E+02	4.80E+02	
TG	9	L15581-02	8/25/2009	Cs-134	-6.00E+00	1.10E+01	5.60E+01	
TG	9	L15581-02	8/25/2009	Cs-137	9.00E+00	1.40E+01	4.80E+01	
TG	9	L15581-02	8/25/2009	Fe-59	0.00E+00	3.80E+01	1.40E+02	
TG	9	L15581-02	8/25/2009	I-131	6.00E+00	1.00E+01	4.60E+01	
TG	9	L15581-02	8/25/2009	I-131	-3.00E+01	4.10E+01	1.60E+02	
TG	9	L15581-02	8/25/2009	K-40	2.66E+03	3.60E+02	7.50E+02	*
TG	9	L15581-02	8/25/2009	La-140	-2.00E+01	3.50E+01	1.50E+02	
TG	9	L15581-02	8/25/2009	Mn-54	-1.20E+01	1.30E+01	5.20E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	9	L15581-02	8/25/2009	Nb-95	2.10E+01	1.80E+01	6.10E+01	
TG	9	L15581-02	8/25/2009	Ru-103	-2.00E+00	1.60E+01	6.00E+01	
TG	9	L15581-02	8/25/2009	Ru-106	2.70E+02	1.30E+02	4.10E+02	
TG	9	L15581-02	8/25/2009	Sb-124	2.10E+01	4.20E+01	1.60E+02	
TG	9	L15581-02	8/25/2009	Sb-125	-1.60E+01	2.90E+01	1.10E+02	
TG	9	L15581-02	8/25/2009	Se-75	1.10E+01	1.30E+01	4.60E+01	
TG	9	L15581-02	8/25/2009	Zn-65	-6.00E+00	3.50E+01	1.30E+02	
TG	9	L15581-02	8/25/2009	Zr-95	2.50E+01	2.30E+01	8.00E+01	
TG	9	L15698-02	9/22/2009	AcTh-228	5.20E+01	4.70E+01	1.60E+02	
TG	9	L15698-02	9/22/2009	Ag-108m	-1.10E+01	1.30E+01	4.70E+01	
TG	9	L15698-02	9/22/2009	Ag-110m	-6.00E+00	1.90E+01	7.40E+01	
TG	9	L15698-02	9/22/2009	Ba-140	-3.30E+01	5.30E+01	2.30E+02	
TG	9	L15698-02	9/22/2009	Be-7	2.61E+03	2.90E+02	6.60E+02	*
TG	9	L15698-02	9/22/2009	Ce-141	-4.80E+01	2.70E+01	1.00E+02	
TG	9	L15698-02	9/22/2009	Ce-144	-2.90E+01	7.00E+01	2.50E+02	
TG	9	L15698-02	9/22/2009	Co-57	-7.00E-01	7.90E+00	2.80E+01	
TG	9	L15698-02	9/22/2009	Co-58	8.00E+00	1.70E+01	6.20E+01	
TG	9	L15698-02	9/22/2009	Co-60	-1.50E+01	1.60E+01	6.40E+01	
TG	9	L15698-02	9/22/2009	Cr-51	-6.00E+01	1.80E+02	6.60E+02	
TG	9	L15698-02	9/22/2009	Cs-134	-1.26E+01	9.80E+00	5.40E+01	
TG	9	L15698-02	9/22/2009	Cs-137	-4.00E+00	1.30E+01	5.00E+01	
TG	9	L15698-02	9/22/2009	Fe-59	-1.50E+01	3.80E+01	1.50E+02	
TG	9	L15698-02	9/22/2009	I-131	-2.10E+02	1.50E+02	5.50E+02	
TG	9	L15698-02	9/22/2009	I-131	-7.00E-01	9.10E+00	5.50E+01	
TG	9	L15698-02	9/22/2009	K-40	3.59E+03	3.70E+02	6.10E+02	*
TG	9	L15698-02	9/22/2009	La-140	-3.30E+01	5.30E+01	2.30E+02	
TG	9	L15698-02	9/22/2009	Mn-54	0.00E+00	1.30E+01	4.90E+01	
TG	9	L15698-02	9/22/2009	Nb-95	2.30E+01	2.20E+01	7.70E+01	
TG	9	L15698-02	9/22/2009	Ru-103	-3.10E+01	2.00E+01	7.80E+01	
TG	9	L15698-02	9/22/2009	Ru-106	1.40E+02	1.40E+02	4.70E+02	
TG	9	L15698-02	9/22/2009	Sb-124	-3.00E+01	3.90E+01	1.70E+02	
TG	9	L15698-02	9/22/2009	Sb-125	-5.70E+01	3.50E+01	1.40E+02	
TG	9	L15698-02	9/22/2009	Se-75	7.00E+00	1.60E+01	5.70E+01	
TG	9	L15698-02	9/22/2009	Zn-65	-4.40E+01	3.40E+01	1.40E+02	
TG	9	L15698-02	9/22/2009	Zr-95	3.30E+01	2.90E+01	1.00E+02	
TG	9	L15817-02	10/23/2009	AcTh-228	4.00E+00	6.20E+01	2.20E+02	
TG	9	L15817-02	10/23/2009	Ag-108m	-2.10E+01	1.40E+01	5.40E+01	
TG	9	L15817-02	10/23/2009	Ag-110m	1.00E+01	2.00E+01	7.20E+01	
TG	9	L15817-02	10/23/2009	Ba-140	-3.10E+01	4.70E+01	1.90E+02	
TG	9	L15817-02	10/23/2009	Be-7	3.62E+03	3.10E+02	6.50E+02	*
TG	9	L15817-02	10/23/2009	Ce-141	-4.50E+01	2.60E+01	9.50E+01	
TG	9	L15817-02	10/23/2009	Ce-144	3.20E+01	7.30E+01	2.50E+02	
TG	9	L15817-02	10/23/2009	Co-57	3.30E+00	8.60E+00	3.00E+01	
TG	9	L15817-02	10/23/2009	Co-58	-2.70E+01	1.70E+01	7.00E+01	
TG	9	L15817-02	10/23/2009	Co-60	9.00E+00	1.80E+01	6.40E+01	
TG	9	L15817-02	10/23/2009	Cr-51	-2.40E+02	1.80E+02	6.60E+02	
TG	9	L15817-02	10/23/2009	Cs-134	-7.00E+00	1.10E+01	5.20E+01	
TG	9	L15817-02	10/23/2009	Cs-137	-1.00E+00	1.60E+01	6.00E+01	
TG	9	L15817-02	10/23/2009	Fe-59	-1.30E+01	3.40E+01	1.30E+02	
TG	9	L15817-02	10/23/2009	I-131	-2.00E+01	6.00E+01	2.20E+02	
TG	9	L15817-02	10/23/2009	I-131	2.30E+01	1.70E+01	5.50E+01	
TG	9	L15817-02	10/23/2009	K-40	3.67E+03	3.90E+02	7.30E+02	*

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	9	L15817-0210	23/2009	La-140	-3.10E+01	4.70E+01	1.90E+02	
TG	9	L15817-0210	23/2009	Mn-54	-1.10E+01	1.50E+01	5.70E+01	
TG	9	L15817-0210	23/2009	Nb-95	-2.70E+01	2.10E+01	8.10E+01	
TG	9	L15817-0210	23/2009	Ru-103	-9.00E+00	1.90E+01	7.00E+01	
TG	9	L15817-0210	23/2009	Ru-106	-3.00E+02	1.50E+02	6.10E+02	
TG	9	L15817-0210	23/2009	Sb-124	3.80E+01	4.80E+01	1.70E+02	
TG	9	L15817-0210	23/2009	Sb-125	-7.90E+01	4.40E+01	1.70E+02	
TG	9	L15817-0210	23/2009	Se-75	-4.00E+01	1.90E+01	7.30E+01	
TG	9	L15817-0210	23/2009	Zn-65	-4.80E+01	3.80E+01	1.50E+02	
TG	9	L15817-0210	23/2009	Zr-95	2.60E+01	3.20E+01	1.10E+02	
TG	10	L15225-03	5/21/2009	AcTh-228	8.70E+01	5.80E+01	1.90E+02	
TG	10	L15225-03	5/21/2009	Ag-108m	1.30E+01	1.00E+01	3.50E+01	
TG	10	L15225-03	5/21/2009	Ag-110m	1.30E+01	1.90E+01	6.60E+01	
TG	10	L15225-03	5/21/2009	Ba-140	-1.60E+01	2.50E+01	1.10E+02	
TG	10	L15225-03	5/21/2009	Be-7	2.60E+02	1.40E+02	4.50E+02	
TG	10	L15225-03	5/21/2009	Ce-141	1.50E+01	1.50E+01	5.10E+01	
TG	10	L15225-03	5/21/2009	Ce-144	7.10E+01	5.10E+01	1.70E+02	
TG	10	L15225-03	5/21/2009	Co-57	0.00E+00	6.60E+00	2.40E+01	
TG	10	L15225-03	5/21/2009	Co-58	-2.00E+00	1.20E+01	4.80E+01	
TG	10	L15225-03	5/21/2009	Co-60	-3.00E+00	1.20E+01	4.90E+01	
TG	10	L15225-03	5/21/2009	Cr-51	-6.00E+01	1.00E+02	3.80E+02	
TG	10	L15225-03	5/21/2009	Cs-134	1.02E+01	8.10E+00	3.50E+01	
TG	10	L15225-03	5/21/2009	Cs-137	1.19E+01	9.70E+00	3.30E+01	
TG	10	L15225-03	5/21/2009	Fe-59	3.00E+00	2.90E+01	1.10E+02	
TG	10	L15225-03	5/21/2009	I-131	1.20E+00	4.70E+00	2.60E+01	
TG	10	L15225-03	5/21/2009	I-131	-8.00E+00	3.40E+01	1.30E+02	
TG	10	L15225-03	5/21/2009	K-40	2.91E+03	3.40E+02	6.20E+02	*
TG	10	L15225-03	5/21/2009	La-140	-1.60E+01	2.50E+01	1.10E+02	
TG	10	L15225-03	5/21/2009	Mn-54	1.90E+01	1.30E+01	4.30E+01	
TG	10	L15225-03	5/21/2009	Nb-95	0.00E+00	1.20E+01	4.60E+01	
TG	10	L15225-03	5/21/2009	Ru-103	-9.00E+00	1.40E+01	5.20E+01	
TG	10	L15225-03	5/21/2009	Ru-106	1.20E+02	1.00E+02	3.50E+02	
TG	10	L15225-03	5/21/2009	Sb-124	9.00E+00	2.80E+01	1.10E+02	
TG	10	L15225-03	5/21/2009	Sb-125	-1.90E+01	2.90E+01	1.10E+02	
TG	10	L15225-03	5/21/2009	Se-75	-6.00E+00	1.20E+01	4.50E+01	
TG	10	L15225-03	5/21/2009	Zn-65	-5.20E+01	2.80E+01	1.20E+02	
TG	10	L15225-03	5/21/2009	Zr-95	1.60E+01	2.10E+01	7.50E+01	
TG	10	L15499-03	7/31/2009	AcTh-228	6.60E+01	3.70E+01	1.20E+02	
TG	10	L15499-03	7/31/2009	Ag-108m	1.16E+01	7.70E+00	2.50E+01	
TG	10	L15499-03	7/31/2009	Ag-110m	-1.00E+01	1.40E+01	5.70E+01	
TG	10	L15499-03	7/31/2009	Ba-140	-1.20E+01	2.60E+01	1.10E+02	
TG	10	L15499-03	7/31/2009	Be-7	1.86E+03	1.70E+02	3.10E+02	*
TG	10	L15499-03	7/31/2009	Ce-141	-2.80E+01	1.30E+01	5.00E+01	
TG	10	L15499-03	7/31/2009	Ce-144	4.00E+01	4.10E+01	1.40E+02	
TG	10	L15499-03	7/31/2009	Co-57	-3.30E+00	5.70E+00	2.10E+01	
TG	10	L15499-03	7/31/2009	Co-58	0.00E+00	1.00E+01	3.80E+01	
TG	10	L15499-03	7/31/2009	Co-60	-5.00E+00	1.00E+01	4.20E+01	
TG	10	L15499-03	7/31/2009	Cr-51	8.80E+01	7.50E+01	2.50E+02	
TG	10	L15499-03	7/31/2009	Cs-134	2.00E+00	6.60E+00	3.30E+01	
TG	10	L15499-03	7/31/2009	Cs-137	1.60E+01	1.10E+01	3.60E+01	
TG	10	L15499-03	7/31/2009	Fe-59	6.00E+00	2.20E+01	8.40E+01	
TG	10	L15499-03	7/31/2009	I-131	-2.20E+00	8.00E+00	5.10E+01	

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

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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	10	L15499-03	7/31/2009	I-131	-3.40E+01	3.10E+01	1.20E+02	
TG	10	L15499-03	7/31/2009	K-40	1.91E+03	2.60E+02	5.40E+02	*
TG	10	L15499-03	7/31/2009	La-140	-1.20E+01	2.60E+01	1.10E+02	
TG	10	L15499-03	7/31/2009	Mn-54	-8.00E+00	1.00E+01	4.00E+01	
TG	10	L15499-03	7/31/2009	Nb-95	1.50E+01	1.10E+01	3.60E+01	
TG	10	L15499-03	7/31/2009	Ru-103	-3.00E+00	1.10E+01	4.00E+01	
TG	10	L15499-03	7/31/2009	Ru-106	1.10E+02	8.70E+01	2.90E+02	
TG	10	L15499-03	7/31/2009	Sb-124	7.00E+00	1.50E+01	6.30E+01	
TG	10	L15499-03	7/31/2009	Sb-125	-4.00E+00	2.30E+01	8.60E+01	
TG	10	L15499-03	7/31/2009	Se-75	-5.00E+00	1.10E+01	4.00E+01	
TG	10	L15499-03	7/31/2009	Zn-65	-8.00E+00	2.10E+01	8.30E+01	
TG	10	L15499-03	7/31/2009	Zr-95	2.50E+01	1.60E+01	5.30E+01	
TG	10	L15581-03	8/25/2009	AcTh-228	-3.60E+01	4.60E+01	1.80E+02	
TG	10	L15581-03	8/25/2009	Ag-108m	-6.00E+00	1.00E+01	3.90E+01	
TG	10	L15581-03	8/25/2009	Ag-110m	1.40E+01	2.00E+01	6.90E+01	
TG	10	L15581-03	8/25/2009	Ba-140	0.00E+00	3.00E+01	1.20E+02	
TG	10	L15581-03	8/25/2009	Be-7	1.67E+03	2.10E+02	5.10E+02	*
TG	10	L15581-03	8/25/2009	Ce-141	1.90E+01	2.00E+01	6.70E+01	
TG	10	L15581-03	8/25/2009	Ce-144	1.18E+02	5.70E+01	1.80E+02	
TG	10	L15581-03	8/25/2009	Co-57	-1.72E+01	7.00E+00	2.70E+01	
TG	10	L15581-03	8/25/2009	Co-58	-6.00E+00	1.40E+01	5.40E+01	
TG	10	L15581-03	8/25/2009	Co-60	-1.10E+01	1.40E+01	5.50E+01	
TG	10	L15581-03	8/25/2009	Cr-51	5.00E+01	1.30E+02	4.60E+02	
TG	10	L15581-03	8/25/2009	Cs-134	-1.14E+01	9.80E+00	5.10E+01	
TG	10	L15581-03	8/25/2009	Cs-137	3.10E+01	1.60E+01	5.00E+01	
TG	10	L15581-03	8/25/2009	Fe-59	6.00E+00	3.00E+01	1.10E+02	
TG	10	L15581-03	8/25/2009	I-131	-9.00E+00	3.80E+01	1.40E+02	
TG	10	L15581-03	8/25/2009	I-131	5.00E-01	9.20E+00	5.40E+01	
TG	10	L15581-03	8/25/2009	K-40	2.92E+03	3.40E+02	7.00E+02	*
TG	10	L15581-03	8/25/2009	La-140	0.00E+00	3.00E+01	1.20E+02	
TG	10	L15581-03	8/25/2009	Mn-54	2.00E+00	1.30E+01	4.70E+01	
TG	10	L15581-03	8/25/2009	Nb-95	-1.00E+00	1.90E+01	6.70E+01	
TG	10	L15581-03	8/25/2009	Ru-103	-2.00E+00	1.60E+01	5.80E+01	
TG	10	L15581-03	8/25/2009	Ru-106	3.00E+01	1.20E+02	4.40E+02	
TG	10	L15581-03	8/25/2009	Sb-124	0.00E+00	3.30E+01	1.30E+02	
TG	10	L15581-03	8/25/2009	Sb-125	-4.00E+00	3.30E+01	1.20E+02	
TG	10	L15581-03	8/25/2009	Se-75	-5.00E+00	1.60E+01	5.80E+01	
TG	10	L15581-03	8/25/2009	Zn-65	2.90E+01	3.10E+01	1.10E+02	
TG	10	L15581-03	8/25/2009	Zr-95	1.50E+01	2.20E+01	8.00E+01	
TG	10	L15698-03	9/22/2009	AcTh-228	6.90E+01	5.60E+01	1.90E+02	
TG	10	L15698-03	9/22/2009	Ag-108m	-1.30E+01	1.10E+01	4.00E+01	
TG	10	L15698-03	9/22/2009	Ag-110m	3.30E+01	1.90E+01	6.30E+01	
TG	10	L15698-03	9/22/2009	Ba-140	1.30E+01	7.30E+01	2.70E+02	
TG	10	L15698-03	9/22/2009	Be-7	2.41E+03	2.60E+02	6.60E+02	*
TG	10	L15698-03	9/22/2009	Ce-141	-8.00E+00	2.80E+01	9.90E+01	
TG	10	L15698-03	9/22/2009	Ce-144	6.60E+01	7.20E+01	2.40E+02	
TG	10	L15698-03	9/22/2009	Co-57	6.00E-01	8.50E+00	3.00E+01	
TG	10	L15698-03	9/22/2009	Co-58	-1.60E+01	1.70E+01	6.60E+01	
TG	10	L15698-03	9/22/2009	Co-60	2.00E+00	1.30E+01	4.90E+01	
TG	10	L15698-03	9/22/2009	Cr-51	3.60E+02	1.90E+02	6.20E+02	
TG	10	L15698-03	9/22/2009	Cs-134	8.00E+00	1.40E+01	5.00E+01	
TG	10	L15698-03	9/22/2009	Cs-137	2.00E+00	1.30E+01	4.70E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
TG	10	L15698-03	9/22/2009	Fe-59	1.60E+01	3.30E+01	1.20E+02	
TG	10	L15698-03	9/22/2009	I-131	4.00E+00	1.00E+01	5.50E+01	
TG	10	L15698-03	9/22/2009	I-131	-1.00E+01	1.50E+02	5.30E+02	
TG	10	L15698-03	9/22/2009	K-40	4.18E+03	3.70E+02	7.10E+02	*
TG	10	L15698-03	9/22/2009	La-140	1.30E+01	7.30E+01	2.70E+02	
TG	10	L15698-03	9/22/2009	Mn-54	-1.30E+01	1.30E+01	5.00E+01	
TG	10	L15698-03	9/22/2009	Nb-95	1.50E+01	3.70E+01	1.30E+02	
TG	10	L15698-03	9/22/2009	Ru-103	-1.30E+01	2.00E+01	7.30E+01	
TG	10	L15698-03	9/22/2009	Ru-106	7.00E+01	1.20E+02	4.20E+02	
TG	10	L15698-03	9/22/2009	Sb-124	8.00E+00	4.50E+01	1.70E+02	
TG	10	L15698-03	9/22/2009	Sb-125	1.30E+01	3.60E+01	1.30E+02	
TG	10	L15698-03	9/22/2009	Se-75	-6.00E+00	1.60E+01	5.80E+01	
TG	10	L15698-03	9/22/2009	Zn-65	1.23E+02	6.60E+01	2.20E+02	
TG	10	L15698-03	9/22/2009	Zr-95	-1.80E+01	3.10E+01	1.20E+02	
TG	10	L15817-0310/23/2009		AcTh-228	7.50E+01	4.80E+01	1.60E+02	
TG	10	L15817-0310/23/2009		Ag-108m	-1.30E+01	1.20E+01	4.60E+01	
TG	10	L15817-0310/23/2009		Ag-110m	7.00E+00	1.50E+01	5.50E+01	
TG	10	L15817-0310/23/2009		Ba-140	1.70E+01	3.50E+01	1.40E+02	
TG	10	L15817-0310/23/2009		Be-7	2.69E+03	2.70E+02	5.60E+02	*
TG	10	L15817-0310/23/2009		Ce-141	-3.20E+01	1.80E+01	7.10E+01	
TG	10	L15817-0310/23/2009		Ce-144	1.20E+01	5.40E+01	1.90E+02	
TG	10	L15817-0310/23/2009		Co-57	-1.14E+01	6.70E+00	2.60E+01	
TG	10	L15817-0310/23/2009		Co-58	3.00E+01	1.70E+01	5.60E+01	
TG	10	L15817-0310/23/2009		Co-60	-3.00E+00	1.70E+01	6.50E+01	
TG	10	L15817-0310/23/2009		Cr-51	2.00E+01	1.40E+02	5.00E+02	
TG	10	L15817-0310/23/2009		Cs-134	7.00E+00	1.00E+01	4.60E+01	
TG	10	L15817-0310/23/2009		Cs-137	3.80E+01	1.40E+01	4.10E+01	
TG	10	L15817-0310/23/2009		Fe-59	-3.20E+01	3.70E+01	1.50E+02	
TG	10	L15817-0310/23/2009		I-131	3.20E+01	1.90E+01	5.50E+01	
TG	10	L15817-0310/23/2009		I-131	-5.70E+01	4.70E+01	1.90E+02	
TG	10	L15817-0310/23/2009		K-40	2.42E+03	3.50E+02	7.70E+02	*
TG	10	L15817-0310/23/2009		La-140	1.70E+01	3.50E+01	1.40E+02	
TG	10	L15817-0310/23/2009		Mn-54	-2.00E+00	1.30E+01	5.10E+01	
TG	10	L15817-0310/23/2009		Nb-95	6.00E+00	1.90E+01	6.90E+01	
TG	10	L15817-0310/23/2009		Ru-103	3.90E+01	1.40E+01	4.10E+01	
TG	10	L15817-0310/23/2009		Ru-106	-1.10E+02	1.20E+02	4.70E+02	
TG	10	L15817-0310/23/2009		Sb-124	-2.50E+01	2.80E+01	1.30E+02	
TG	10	L15817-0310/23/2009		Sb-125	-2.00E+00	3.90E+01	1.40E+02	
TG	10	L15817-0310/23/2009		Se-75	9.00E+00	1.60E+01	5.60E+01	
TG	10	L15817-0310/23/2009		Zn-65	-5.00E+01	2.50E+01	1.20E+02	
TG	10	L15817-0310/23/2009		Zr-95	1.90E+01	2.50E+01	8.80E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	1	L14998-01	3/20/2009	AcTh-228	2.90E+00	6.80E+00	2.30E+01	
WG	1	L14998-01	3/20/2009	Ag-108m	-8.00E-01	1.30E+00	4.50E+00	
WG	1	L14998-01	3/20/2009	Ag-110m	-8.00E-01	2.10E+00	7.50E+00	
WG	1	L14998-01	3/20/2009	Ba-140	1.20E+00	3.30E+00	1.20E+01	
WG	1	L14998-01	3/20/2009	Be-7	4.00E+00	1.30E+01	4.50E+01	
WG	1	L14998-01	3/20/2009	Ce-141	-1.70E+00	2.60E+00	8.90E+00	
WG	1	L14998-01	3/20/2009	Ce-144	-5.30E+00	8.50E+00	3.00E+01	
WG	1	L14998-01	3/20/2009	Co-57	-1.00E+00	1.10E+00	3.90E+00	
WG	1	L14998-01	3/20/2009	Co-58	-2.10E+00	1.50E+00	5.60E+00	
WG	1	L14998-01	3/20/2009	Co-60	1.00E+00	1.80E+00	6.20E+00	
WG	1	L14998-01	3/20/2009	Cr-51	-1.60E+01	1.20E+01	4.30E+01	
WG	1	L14998-01	3/20/2009	Cs-134	4.00E-01	1.40E+00	4.90E+00	
WG	1	L14998-01	3/20/2009	Cs-137	7.00E-01	1.60E+00	5.40E+00	
WG	1	L14998-01	3/20/2009	Fe-59	4.00E-01	3.00E+00	1.10E+01	
WG	1	L14998-01	3/20/2009	Gross Beta	4.80E+00	1.20E+00	3.30E+00	*
WG	1	L14998-01	3/20/2009	H-3	8.00E+02	4.20E+02	1.20E+03	
WG	1	L14998-01	3/20/2009	I-131	2.00E-01	3.40E+00	1.20E+01	
WG	1	L14998-01	3/20/2009	K-40	4.00E+00	2.20E+01	7.70E+01	
WG	1	L14998-01	3/20/2009	La-140	1.20E+00	3.30E+00	1.20E+01	
WG	1	L14998-01	3/20/2009	Mn-54	-4.00E-01	1.40E+00	5.00E+00	
WG	1	L14998-01	3/20/2009	Nb-95	9.00E-01	2.60E+00	9.10E+00	
WG	1	L14998-01	3/20/2009	Ru-103	-2.00E+00	1.60E+00	5.90E+00	
WG	1	L14998-01	3/20/2009	Ru-106	1.00E+00	1.30E+01	4.70E+01	
WG	1	L14998-01	3/20/2009	Sb-124	-3.70E+00	4.00E+00	1.60E+01	
WG	1	L14998-01	3/20/2009	Sb-125	3.10E+00	4.20E+00	1.40E+01	
WG	1	L14998-01	3/20/2009	Se-75	2.20E+00	1.80E+00	5.80E+00	
WG	1	L14998-01	3/20/2009	Zn-65	1.13E+01	6.10E+00	2.00E+01	
WG	1	L14998-01	3/20/2009	Zr-95	1.30E+00	2.70E+00	9.40E+00	
WG	1	L15582-01	8/25/2009	AcTh-228	-1.15E+01	7.40E+00	2.80E+01	
WG	1	L15582-01	8/25/2009	Ag-108m	-1.40E+00	1.40E+00	5.20E+00	
WG	1	L15582-01	8/25/2009	Ag-110m	5.00E-01	2.50E+00	9.00E+00	
WG	1	L15582-01	8/25/2009	Ba-140	-3.40E+00	3.70E+00	1.40E+01	
WG	1	L15582-01	8/25/2009	Be-7	-8.00E+00	1.40E+01	5.20E+01	
WG	1	L15582-01	8/25/2009	Ce-141	-1.80E+00	2.20E+00	7.80E+00	
WG	1	L15582-01	8/25/2009	Ce-144	9.40E+00	7.70E+00	2.60E+01	
WG	1	L15582-01	8/25/2009	Co-57	2.70E-01	9.80E-01	3.40E+00	
WG	1	L15582-01	8/25/2009	Co-58	-5.00E+00	1.90E+00	7.60E+00	
WG	1	L15582-01	8/25/2009	Co-60	1.30E+00	2.20E+00	7.90E+00	
WG	1	L15582-01	8/25/2009	Cr-51	1.80E+01	1.30E+01	4.30E+01	
WG	1	L15582-01	8/25/2009	Cs-134	-4.00E-01	1.20E+00	5.80E+00	
WG	1	L15582-01	8/25/2009	Cs-137	1.00E+00	2.20E+00	7.50E+00	
WG	1	L15582-01	8/25/2009	Fe-59	4.50E+00	3.90E+00	1.30E+01	
WG	1	L15582-01	8/25/2009	Gross Beta	6.40E+00	1.20E+00	3.20E+00	*
WG	1	L15582-01	8/25/2009	H-3	4.10E+02	4.10E+02	1.20E+03	
WG	1	L15582-01	8/25/2009	I-131	3.50E+00	2.70E+00	8.80E+00	
WG	1	L15582-01	8/25/2009	K-40	2.80E+01	2.80E+01	9.50E+01	
WG	1	L15582-01	8/25/2009	La-140	-3.40E+00	3.70E+00	1.40E+01	
WG	1	L15582-01	8/25/2009	Mn-54	-2.70E+00	1.70E+00	6.70E+00	
WG	1	L15582-01	8/25/2009	Nb-95	-2.60E+00	2.20E+00	8.40E+00	
WG	1	L15582-01	8/25/2009	Ru-103	-1.10E+00	1.70E+00	6.30E+00	
WG	1	L15582-01	8/25/2009	Ru-106	1.70E+01	1.40E+01	4.70E+01	
WG	1	L15582-01	8/25/2009	Sb-124	2.40E+00	4.80E+00	1.70E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	1	L15582-01	8/25/2009	Sb-125	9.80E+00	4.70E+00	1.50E+01	
WG	1	L15582-01	8/25/2009	Se-75	-2.30E+00	1.90E+00	6.80E+00	
WG	1	L15582-01	8/25/2009	Zn-65	1.01E+01	7.90E+00	2.60E+01	
WG	1	L15582-01	8/25/2009	Zr-95	-9.00E-01	3.20E+00	1.20E+01	
WG	1	L15699-01	9/22/2009	AcTh-228	-3.40E+00	6.50E+00	2.40E+01	
WG	1	L15699-01	9/22/2009	Ag-108m	6.00E-01	1.40E+00	4.70E+00	
WG	1	L15699-01	9/22/2009	Ag-110m	-2.10E+00	2.10E+00	8.00E+00	
WG	1	L15699-01	9/22/2009	Ba-140	-3.20E+00	3.10E+00	1.20E+01	
WG	1	L15699-01	9/22/2009	Be-7	1.70E+01	1.30E+01	4.50E+01	
WG	1	L15699-01	9/22/2009	Ce-141	5.00E-01	2.60E+00	9.00E+00	
WG	1	L15699-01	9/22/2009	Ce-144	-1.22E+01	9.30E+00	3.30E+01	
WG	1	L15699-01	9/22/2009	Co-57	1.00E+00	1.20E+00	4.00E+00	
WG	1	L15699-01	9/22/2009	Co-58	-3.20E+00	1.60E+00	6.30E+00	
WG	1	L15699-01	9/22/2009	Co-60	9.00E-01	1.50E+00	5.40E+00	
WG	1	L15699-01	9/22/2009	Cr-51	1.10E+01	1.50E+01	5.00E+01	
WG	1	L15699-01	9/22/2009	Cs-134	8.00E-01	1.30E+00	4.80E+00	
WG	1	L15699-01	9/22/2009	Cs-137	-2.80E+00	1.60E+00	6.00E+00	
WG	1	L15699-01	9/22/2009	Fe-59	-1.60E+00	2.70E+00	1.00E+01	
WG	1	L15699-01	9/22/2009	Gross Beta	6.10E+00	1.20E+00	3.20E+00	*
WG	1	L15699-01	9/22/2009	H-3	-2.10E+02	4.10E+02	1.20E+03	
WG	1	L15699-01	9/22/2009	I-131	-3.10E+00	3.60E+00	1.30E+01	
WG	1	L15699-01	9/22/2009	K-40	-2.40E+01	2.00E+01	7.50E+01	
WG	1	L15699-01	9/22/2009	La-140	-3.20E+00	3.10E+00	1.20E+01	
WG	1	L15699-01	9/22/2009	Mn-54	-2.90E+00	1.50E+00	6.00E+00	
WG	1	L15699-01	9/22/2009	Nb-95	2.00E-01	2.90E+00	9.80E+00	
WG	1	L15699-01	9/22/2009	Ru-103	-2.60E+00	1.70E+00	6.30E+00	
WG	1	L15699-01	9/22/2009	Ru-106	8.00E+00	1.40E+01	4.80E+01	
WG	1	L15699-01	9/22/2009	Sb-124	-1.80E+00	3.80E+00	1.50E+01	
WG	1	L15699-01	9/22/2009	Sb-125	-2.00E-01	4.40E+00	1.50E+01	
WG	1	L15699-01	9/22/2009	Se-75	-3.20E+00	1.90E+00	6.90E+00	
WG	1	L15699-01	9/22/2009	Zn-65	6.00E+00	6.50E+00	2.20E+01	
WG	1	L15699-01	9/22/2009	Zr-95	2.90E+00	2.80E+00	9.40E+00	
WG	1	L15965-01	12/3/2009	AcTh-228	3.70E+00	6.90E+00	2.40E+01	
WG	1	L15965-01	12/3/2009	Ag-108m	-9.00E-01	1.60E+00	5.70E+00	
WG	1	L15965-01	12/3/2009	Ag-110m	4.40E+00	2.50E+00	8.20E+00	
WG	1	L15965-01	12/3/2009	Ba-140	-3.80E+00	3.50E+00	1.40E+01	
WG	1	L15965-01	12/3/2009	Be-7	4.00E+00	1.60E+01	5.40E+01	
WG	1	L15965-01	12/3/2009	Ce-141	-1.90E+00	2.50E+00	9.00E+00	
WG	1	L15965-01	12/3/2009	Ce-144	-1.00E+01	9.00E+00	3.20E+01	
WG	1	L15965-01	12/3/2009	Co-57	6.00E-01	1.20E+00	4.10E+00	
WG	1	L15965-01	12/3/2009	Co-58	2.00E-01	1.70E+00	6.20E+00	
WG	1	L15965-01	12/3/2009	Co-60	9.00E-01	1.80E+00	6.40E+00	
WG	1	L15965-01	12/3/2009	Cr-51	7.00E+00	1.50E+01	5.30E+01	
WG	1	L15965-01	12/3/2009	Cs-134	1.60E+00	1.80E+00	6.30E+00	
WG	1	L15965-01	12/3/2009	Cs-137	-2.00E-01	1.70E+00	6.20E+00	
WG	1	L15965-01	12/3/2009	Fe-59	3.90E+00	4.10E+00	1.40E+01	
WG	1	L15965-01	12/3/2009	Gross Beta	7.70E+00	1.40E+00	3.50E+00	*
WG	1	L15965-01	12/3/2009	H-3	-2.00E+02	4.30E+02	1.30E+03	
WG	1	L15965-01	12/3/2009	I-131	3.70E+00	3.00E+00	9.90E+00	
WG	1	L15965-01	12/3/2009	K-40	-3.40E+01	2.30E+01	9.00E+01	
WG	1	L15965-01	12/3/2009	La-140	-3.80E+00	3.50E+00	1.40E+01	
WG	1	L15965-01	12/3/2009	Mn-54	-1.20E+00	1.80E+00	6.60E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	1	L15965-01	12/3/2009	Nb-95	1.50E+00	2.90E+00	1.00E+01	
WG	1	L15965-01	12/3/2009	Ru-103	-1.80E+00	2.00E+00	7.30E+00	
WG	1	L15965-01	12/3/2009	Ru-106	-8.00E+00	1.50E+01	5.40E+01	
WG	1	L15965-01	12/3/2009	Sb-124	-1.50E+00	3.50E+00	1.40E+01	
WG	1	L15965-01	12/3/2009	Sb-125	-6.30E+00	5.10E+00	1.90E+01	
WG	1	L15965-01	12/3/2009	Se-75	-2.80E+00	2.20E+00	8.00E+00	
WG	1	L15965-01	12/3/2009	Zn-65	1.65E+01	7.50E+00	2.40E+01	
WG	1	L15965-01	12/3/2009	Zr-95	2.20E+00	3.10E+00	1.10E+01	
WG	13	L14998-02	3/20/2009	AcTh-228	6.00E+00	7.30E+00	2.50E+01	
WG	13	L14998-02	3/20/2009	Ag-108m	3.00E-01	1.20E+00	4.10E+00	
WG	13	L14998-02	3/20/2009	Ag-110m	4.00E-01	2.00E+00	7.20E+00	
WG	13	L14998-02	3/20/2009	Ba-140	-4.00E-01	2.40E+00	9.20E+00	
WG	13	L14998-02	3/20/2009	Be-7	-1.10E+01	1.20E+01	4.30E+01	
WG	13	L14998-02	3/20/2009	Ce-141	-2.00E-01	2.40E+00	8.20E+00	
WG	13	L14998-02	3/20/2009	Ce-144	7.30E+00	8.90E+00	3.00E+01	
WG	13	L14998-02	3/20/2009	Co-57	5.00E-01	1.10E+00	3.80E+00	
WG	13	L14998-02	3/20/2009	Co-58	9.00E-01	1.60E+00	5.50E+00	
WG	13	L14998-02	3/20/2009	Co-60	1.90E+00	1.60E+00	5.30E+00	
WG	13	L14998-02	3/20/2009	Cr-51	1.10E+01	1.40E+01	4.80E+01	
WG	13	L14998-02	3/20/2009	Cs-134	-3.00E-01	1.20E+00	5.50E+00	
WG	13	L14998-02	3/20/2009	Cs-137	-2.40E+00	1.50E+00	5.80E+00	
WG	13	L14998-02	3/20/2009	Fe-59	5.40E+00	3.20E+00	1.10E+01	
WG	13	L14998-02	3/20/2009	Gross Beta	4.80E+00	1.10E+00	3.10E+00	*
WG	13	L14998-02	3/20/2009	H-3	7.50E+02	4.20E+02	1.20E+03	
WG	13	L14998-02	3/20/2009	I-131	4.80E+00	3.20E+00	1.00E+01	
WG	13	L14998-02	3/20/2009	K-40	-2.00E+01	2.10E+01	7.80E+01	
WG	13	L14998-02	3/20/2009	La-140	-4.00E-01	2.40E+00	9.20E+00	
WG	13	L14998-02	3/20/2009	Mn-54	9.00E-01	1.50E+00	5.10E+00	
WG	13	L14998-02	3/20/2009	Nb-95	5.60E+00	2.70E+00	8.80E+00	
WG	13	L14998-02	3/20/2009	Ru-103	-8.00E-01	1.70E+00	6.20E+00	
WG	13	L14998-02	3/20/2009	Ru-106	-8.00E+00	1.40E+01	5.10E+01	
WG	13	L14998-02	3/20/2009	Sb-124	1.10E+00	3.20E+00	1.20E+01	
WG	13	L14998-02	3/20/2009	Sb-125	2.70E+00	3.70E+00	1.20E+01	
WG	13	L14998-02	3/20/2009	Se-75	-1.00E-01	1.90E+00	6.60E+00	
WG	13	L14998-02	3/20/2009	Zn-65	1.80E+00	6.50E+00	2.20E+01	
WG	13	L14998-02	3/20/2009	Zr-95	-1.40E+00	2.90E+00	1.10E+01	
WG	13	L15582-02	8/25/2009	AcTh-228	1.43E+01	7.30E+00	2.30E+01	
WG	13	L15582-02	8/25/2009	Ag-108m	-1.30E+00	1.40E+00	5.40E+00	
WG	13	L15582-02	8/25/2009	Ag-110m	-1.00E+00	2.30E+00	8.60E+00	
WG	13	L15582-02	8/25/2009	Ba-140	3.90E+00	2.90E+00	9.80E+00	
WG	13	L15582-02	8/25/2009	Be-7	-7.00E+00	1.50E+01	5.60E+01	
WG	13	L15582-02	8/25/2009	Ce-141	-7.40E+00	2.90E+00	1.10E+01	
WG	13	L15582-02	8/25/2009	Ce-144	1.26E+01	9.80E+00	3.30E+01	
WG	13	L15582-02	8/25/2009	Co-57	-4.00E-01	1.30E+00	4.40E+00	
WG	13	L15582-02	8/25/2009	Co-58	1.30E+00	1.90E+00	6.60E+00	
WG	13	L15582-02	8/25/2009	Co-60	3.00E-01	1.60E+00	6.00E+00	
WG	13	L15582-02	8/25/2009	Cr-51	-9.00E+00	1.70E+01	6.10E+01	
WG	13	L15582-02	8/25/2009	Cs-134	1.40E+00	1.30E+00	5.00E+00	
WG	13	L15582-02	8/25/2009	Cs-137	5.40E+00	2.10E+00	6.60E+00	
WG	13	L15582-02	8/25/2009	Fe-59	-3.30E+00	3.90E+00	1.50E+01	
WG	13	L15582-02	8/25/2009	Gross Beta	1.71E+00	9.70E-01	3.10E+00	
WG	13	L15582-02	8/25/2009	H-3	-2.00E+01	4.00E+02	1.20E+03	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	13	L15582-02	8/25/2009	I-131	-1.70E+00	3.20E+00	1.20E+01	
WG	13	L15582-02	8/25/2009	K-40	-3.00E+00	3.00E+01	1.10E+02	
WG	13	L15582-02	8/25/2009	La-140	3.90E+00	2.90E+00	9.80E+00	
WG	13	L15582-02	8/25/2009	Mn-54	-2.10E+00	1.80E+00	6.90E+00	
WG	13	L15582-02	8/25/2009	Nb-95	1.00E+00	2.30E+00	8.20E+00	
WG	13	L15582-02	8/25/2009	Ru-103	7.00E-01	2.00E+00	6.90E+00	
WG	13	L15582-02	8/25/2009	Ru-106	-3.00E+00	1.70E+01	6.30E+01	
WG	13	L15582-02	8/25/2009	Sb-124	-7.20E+00	3.80E+00	1.80E+01	
WG	13	L15582-02	8/25/2009	Sb-125	-2.90E+00	4.60E+00	1.70E+01	
WG	13	L15582-02	8/25/2009	Se-75	1.20E+00	2.10E+00	7.10E+00	
WG	13	L15582-02	8/25/2009	Zn-65	-1.00E+00	4.20E+00	1.60E+01	
WG	13	L15582-02	8/25/2009	Zr-95	-4.00E-01	3.30E+00	1.20E+01	
WG	13	L15699-02	9/22/2009	AcTh-228	8.60E+00	7.80E+00	2.60E+01	
WG	13	L15699-02	9/22/2009	Ag-108m	6.00E-01	1.40E+00	4.80E+00	
WG	13	L15699-02	9/22/2009	Ag-110m	-7.70E+00	2.30E+00	9.70E+00	
WG	13	L15699-02	9/22/2009	Ba-140	-1.30E+00	3.70E+00	1.40E+01	
WG	13	L15699-02	9/22/2009	Be-7	-4.00E+00	1.60E+01	5.80E+01	
WG	13	L15699-02	9/22/2009	Ce-141	-3.00E-01	2.80E+00	9.70E+00	
WG	13	L15699-02	9/22/2009	Ce-144	-2.30E+00	9.50E+00	3.30E+01	
WG	13	L15699-02	9/22/2009	Co-57	0.00E+00	1.00E+00	3.60E+00	
WG	13	L15699-02	9/22/2009	Co-58	-3.00E-01	1.90E+00	6.80E+00	
WG	13	L15699-02	9/22/2009	Co-60	6.00E-01	1.80E+00	6.60E+00	
WG	13	L15699-02	9/22/2009	Cr-51	0.00E+00	1.50E+01	5.20E+01	
WG	13	L15699-02	9/22/2009	Cs-134	-1.20E+00	1.10E+00	5.80E+00	
WG	13	L15699-02	9/22/2009	Cs-137	1.30E+00	1.60E+00	5.40E+00	
WG	13	L15699-02	9/22/2009	Fe-59	1.50E+00	3.70E+00	1.30E+01	
WG	13	L15699-02	9/22/2009	Gross Beta	7.00E+00	1.20E+00	3.20E+00	*
WG	13	L15699-02	9/22/2009	H-3	-1.50E+02	4.20E+02	1.20E+03	
WG	13	L15699-02	9/22/2009	I-131	-6.80E+00	3.40E+00	1.30E+01	
WG	13	L15699-02	9/22/2009	K-40	4.40E+01	3.10E+01	1.00E+02	
WG	13	L15699-02	9/22/2009	La-140	-1.30E+00	3.70E+00	1.40E+01	
WG	13	L15699-02	9/22/2009	Mn-54	1.60E+00	1.90E+00	6.40E+00	
WG	13	L15699-02	9/22/2009	Nb-95	-4.20E+00	2.20E+00	8.60E+00	
WG	13	L15699-02	9/22/2009	Ru-103	-4.20E+00	1.90E+00	7.30E+00	
WG	13	L15699-02	9/22/2009	Ru-106	-5.00E+00	1.50E+01	5.50E+01	
WG	13	L15699-02	9/22/2009	Sb-124	-2.10E+00	4.50E+00	1.70E+01	
WG	13	L15699-02	9/22/2009	Sb-125	-5.70E+00	4.50E+00	1.70E+01	
WG	13	L15699-02	9/22/2009	Se-75	1.00E-01	2.20E+00	7.50E+00	
WG	13	L15699-02	9/22/2009	Zn-65	1.48E+01	7.30E+00	2.40E+01	
WG	13	L15699-02	9/22/2009	Zr-95	-1.30E+00	2.90E+00	1.10E+01	
WG	13	L15965-02	12/3/2009	AcTh-228	6.90E+00	6.90E+00	2.40E+01	
WG	13	L15965-02	12/3/2009	Ag-108m	8.00E-01	1.40E+00	4.90E+00	
WG	13	L15965-02	12/3/2009	Ag-110m	-3.00E-01	2.40E+00	8.80E+00	
WG	13	L15965-02	12/3/2009	Ba-140	-8.30E+00	3.10E+00	1.30E+01	
WG	13	L15965-02	12/3/2009	Be-7	-2.00E+01	1.70E+01	6.10E+01	
WG	13	L15965-02	12/3/2009	Ce-141	-4.90E+00	2.80E+00	1.00E+01	
WG	13	L15965-02	12/3/2009	Ce-144	-2.00E+00	1.00E+01	3.50E+01	
WG	13	L15965-02	12/3/2009	Co-57	0.00E+00	1.30E+00	4.60E+00	
WG	13	L15965-02	12/3/2009	Co-58	-2.00E-01	1.60E+00	6.00E+00	
WG	13	L15965-02	12/3/2009	Co-60	2.40E+00	1.80E+00	6.10E+00	
WG	13	L15965-02	12/3/2009	Cr-51	-2.90E+01	1.70E+01	6.10E+01	
WG	13	L15965-02	12/3/2009	Cs-134	-2.20E+00	1.70E+00	7.50E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	13	L15965-02	12/3/2009	Cs-137	-2.80E+00	1.80E+00	6.90E+00	
WG	13	L15965-02	12/3/2009	Fe-59	-5.00E-01	3.40E+00	1.30E+01	
WG	13	L15965-02	12/3/2009	Gross Beta	1.65E+00	9.70E-01	3.10E+00	
WG	13	L15965-02	12/3/2009	H-3	-1.50E+02	4.40E+02	1.30E+03	
WG	13	L15965-02	12/3/2009	I-131	-1.30E+00	3.40E+00	1.20E+01	
WG	13	L15965-02	12/3/2009	K-40	-1.10E+01	2.30E+01	8.60E+01	
WG	13	L15965-02	12/3/2009	La-140	-8.30E+00	3.10E+00	1.30E+01	
WG	13	L15965-02	12/3/2009	Mn-54	2.70E+00	1.90E+00	6.40E+00	
WG	13	L15965-02	12/3/2009	Nb-95	3.00E-01	1.90E+00	6.70E+00	
WG	13	L15965-02	12/3/2009	Ru-103	-4.50E+00	2.10E+00	7.90E+00	
WG	13	L15965-02	12/3/2009	Ru-106	1.00E+01	1.60E+01	5.50E+01	
WG	13	L15965-02	12/3/2009	Sb-124	2.10E+00	3.80E+00	1.40E+01	
WG	13	L15965-02	12/3/2009	Sb-125	7.80E+00	4.60E+00	1.50E+01	
WG	13	L15965-02	12/3/2009	Se-75	1.10E+00	2.30E+00	8.00E+00	
WG	13	L15965-02	12/3/2009	Zn-65	-5.20E+00	4.00E+00	1.50E+01	
WG	13	L15965-02	12/3/2009	Zr-95	7.00E-01	2.60E+00	9.50E+00	
WG	14	L14998-03	3/20/2009	AcTh-228	3.80E+00	5.70E+00	2.00E+01	
WG	14	L14998-03	3/20/2009	Ag-108m	1.10E+00	1.20E+00	3.90E+00	
WG	14	L14998-03	3/20/2009	Ag-110m	-2.30E+00	2.00E+00	7.40E+00	
WG	14	L14998-03	3/20/2009	Ba-140	1.20E+00	3.60E+00	1.30E+01	
WG	14	L14998-03	3/20/2009	Be-7	1.80E+01	1.20E+01	3.80E+01	
WG	14	L14998-03	3/20/2009	Ce-141	-3.00E-01	2.30E+00	7.90E+00	
WG	14	L14998-03	3/20/2009	Ce-144	4.90E+00	8.00E+00	2.70E+01	
WG	14	L14998-03	3/20/2009	Co-57	-3.20E+00	1.00E+00	3.70E+00	
WG	14	L14998-03	3/20/2009	Co-58	-1.10E+00	1.50E+00	5.30E+00	
WG	14	L14998-03	3/20/2009	Co-60	1.80E+00	1.30E+00	4.50E+00	
WG	14	L14998-03	3/20/2009	Cr-51	-1.20E+01	1.30E+01	4.60E+01	
WG	14	L14998-03	3/20/2009	Cs-134	5.00E-01	1.40E+00	5.10E+00	
WG	14	L14998-03	3/20/2009	Cs-137	-1.60E+00	1.50E+00	5.30E+00	
WG	14	L14998-03	3/20/2009	Fe-59	1.80E+00	2.70E+00	9.30E+00	
WG	14	L14998-03	3/20/2009	Gross Beta	5.00E+00	1.10E+00	3.00E+00	*
WG	14	L14998-03	3/20/2009	H-3	4.50E+02	4.10E+02	1.20E+03	
WG	14	L14998-03	3/20/2009	I-131	-4.80E+00	3.80E+00	1.30E+01	
WG	14	L14998-03	3/20/2009	K-40	1.40E+01	2.20E+01	7.40E+01	
WG	14	L14998-03	3/20/2009	La-140	1.20E+00	3.60E+00	1.30E+01	
WG	14	L14998-03	3/20/2009	Mn-54	5.00E-01	1.30E+00	4.40E+00	
WG	14	L14998-03	3/20/2009	Nb-95	8.00E-01	2.40E+00	8.20E+00	
WG	14	L14998-03	3/20/2009	Ru-103	-1.40E+00	1.60E+00	5.60E+00	
WG	14	L14998-03	3/20/2009	Ru-106	-2.00E+01	1.30E+01	4.90E+01	
WG	14	L14998-03	3/20/2009	Sb-124	6.00E+00	3.70E+00	1.20E+01	
WG	14	L14998-03	3/20/2009	Sb-125	6.90E+00	3.60E+00	1.20E+01	
WG	14	L14998-03	3/20/2009	Se-75	1.80E+00	1.60E+00	5.50E+00	
WG	14	L14998-03	3/20/2009	Zn-65	1.70E+01	5.70E+00	1.80E+01	
WG	14	L14998-03	3/20/2009	Zr-95	1.60E+00	2.50E+00	8.80E+00	
WG	14	L15582-03	8/25/2009	AcTh-228	1.13E+01	6.20E+00	2.00E+01	
WG	14	L15582-03	8/25/2009	Ag-108m	-1.20E+00	1.10E+00	4.20E+00	
WG	14	L15582-03	8/25/2009	Ag-110m	2.50E+00	1.70E+00	5.70E+00	
WG	14	L15582-03	8/25/2009	Ba-140	-3.20E+00	2.60E+00	1.00E+01	
WG	14	L15582-03	8/25/2009	Be-7	-1.70E+01	1.20E+01	4.50E+01	
WG	14	L15582-03	8/25/2009	Ce-141	2.00E+00	2.50E+00	8.20E+00	
WG	14	L15582-03	8/25/2009	Ce-144	-1.04E+01	7.90E+00	2.80E+01	
WG	14	L15582-03	8/25/2009	Co-57	2.00E-01	1.00E+00	3.50E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	14	L15582-03	8/25/2009	Co-58	-1.50E+00	1.40E+00	5.20E+00	
WG	14	L15582-03	8/25/2009	Co-60	-1.10E+00	1.50E+00	5.80E+00	
WG	14	L15582-03	8/25/2009	Cr-51	-3.00E+00	1.30E+01	4.50E+01	
WG	14	L15582-03	8/25/2009	Cs-134	1.80E+00	1.00E+00	4.60E+00	
WG	14	L15582-03	8/25/2009	Cs-137	-9.00E-01	1.30E+00	4.90E+00	
WG	14	L15582-03	8/25/2009	Fe-59	-1.70E+00	2.80E+00	1.00E+01	
WG	14	L15582-03	8/25/2009	Gross Beta	4.80E+00	1.10E+00	3.00E+00	*
WG	14	L15582-03	8/25/2009	H-3	0.00E+00	3.90E+02	1.20E+03	
WG	14	L15582-03	8/25/2009	I-131	-1.20E+00	2.50E+00	9.00E+00	
WG	14	L15582-03	8/25/2009	K-40	-1.20E+01	2.10E+01	7.60E+01	
WG	14	L15582-03	8/25/2009	La-140	-3.20E+00	2.60E+00	1.00E+01	
WG	14	L15582-03	8/25/2009	Mn-54	-1.10E+00	1.40E+00	5.10E+00	
WG	14	L15582-03	8/25/2009	Nb-95	-7.00E-01	1.70E+00	6.10E+00	
WG	14	L15582-03	8/25/2009	Ru-103	-2.00E+00	1.50E+00	5.50E+00	
WG	14	L15582-03	8/25/2009	Ru-106	-3.10E+01	1.20E+01	4.80E+01	
WG	14	L15582-03	8/25/2009	Sb-124	4.50E+00	2.60E+00	8.40E+00	
WG	14	L15582-03	8/25/2009	Sb-125	-5.70E+00	3.30E+00	1.20E+01	
WG	14	L15582-03	8/25/2009	Se-75	-1.30E+00	1.60E+00	5.70E+00	
WG	14	L15582-03	8/25/2009	Zn-65	7.10E+00	5.90E+00	2.00E+01	
WG	14	L15582-03	8/25/2009	Zr-95	-2.90E+00	2.30E+00	8.50E+00	
WG	14	L15699-03	9/22/2009	AcTh-228	-1.00E+00	7.20E+00	2.50E+01	
WG	14	L15699-03	9/22/2009	Ag-108m	3.00E-01	1.50E+00	5.10E+00	
WG	14	L15699-03	9/22/2009	Ag-110m	-2.70E+00	2.30E+00	8.60E+00	
WG	14	L15699-03	9/22/2009	Ba-140	1.90E+00	3.30E+00	1.20E+01	
WG	14	L15699-03	9/22/2009	Be-7	-1.20E+01	1.50E+01	5.40E+01	
WG	14	L15699-03	9/22/2009	Ce-141	2.50E+00	2.90E+00	9.80E+00	
WG	14	L15699-03	9/22/2009	Ce-144	2.80E+01	1.10E+01	3.50E+01	
WG	14	L15699-03	9/22/2009	Co-57	-7.00E-01	1.40E+00	4.70E+00	
WG	14	L15699-03	9/22/2009	Co-58	-3.50E+00	1.90E+00	7.30E+00	
WG	14	L15699-03	9/22/2009	Co-60	1.60E+00	1.70E+00	5.70E+00	
WG	14	L15699-03	9/22/2009	Cr-51	-2.70E+01	1.70E+01	6.20E+01	
WG	14	L15699-03	9/22/2009	Cs-134	1.50E+00	1.30E+00	5.60E+00	
WG	14	L15699-03	9/22/2009	Cs-137	-1.90E+00	1.70E+00	6.30E+00	
WG	14	L15699-03	9/22/2009	Fe-59	8.00E-01	3.70E+00	1.30E+01	
WG	14	L15699-03	9/22/2009	Gross Beta	5.40E+00	1.10E+00	3.00E+00	*
WG	14	L15699-03	9/22/2009	H-3	3.60E+02	4.20E+02	1.20E+03	
WG	14	L15699-03	9/22/2009	I-131	-1.00E+00	3.80E+00	1.30E+01	
WG	14	L15699-03	9/22/2009	K-40	-1.70E+01	2.30E+01	8.50E+01	
WG	14	L15699-03	9/22/2009	La-140	1.90E+00	3.30E+00	1.20E+01	
WG	14	L15699-03	9/22/2009	Mn-54	1.50E+00	1.70E+00	5.90E+00	
WG	14	L15699-03	9/22/2009	Nb-95	3.10E+00	3.40E+00	1.10E+01	
WG	14	L15699-03	9/22/2009	Ru-103	-2.00E+00	2.00E+00	7.20E+00	
WG	14	L15699-03	9/22/2009	Ru-106	9.00E+00	1.60E+01	5.50E+01	
WG	14	L15699-03	9/22/2009	Sb-124	4.50E+00	4.30E+00	1.50E+01	
WG	14	L15699-03	9/22/2009	Sb-125	1.00E+00	4.50E+00	1.50E+01	
WG	14	L15699-03	9/22/2009	Se-75	9.00E-01	2.30E+00	7.80E+00	
WG	14	L15699-03	9/22/2009	Zn-65	1.72E+01	8.40E+00	2.70E+01	
WG	14	L15699-03	9/22/2009	Zr-95	-3.10E+00	3.30E+00	1.20E+01	
WG	14	L15965-03	12/3/2009	AcTh-228	-7.00E-01	5.90E+00	2.10E+01	
WG	14	L15965-03	12/3/2009	Ag-108m	1.00E+00	1.50E+00	5.20E+00	
WG	14	L15965-03	12/3/2009	Ag-110m	-3.40E+00	2.20E+00	8.40E+00	
WG	14	L15965-03	12/3/2009	Ba-140	6.00E-01	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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WG	14	L15965-03	12/3/2009	Be-7	-2.20E+01	1.50E+01	5.40E+01	
WG	14	L15965-03	12/3/2009	Ce-141	-4.00E+00	2.60E+00	9.10E+00	
WG	14	L15965-03	12/3/2009	Ce-144	-1.80E+01	1.00E+01	3.60E+01	
WG	14	L15965-03	12/3/2009	Co-57	9.00E-01	1.30E+00	4.30E+00	
WG	14	L15965-03	12/3/2009	Co-58	-4.10E+00	1.80E+00	6.90E+00	
WG	14	L15965-03	12/3/2009	Co-60	-1.50E+00	1.80E+00	6.90E+00	
WG	14	L15965-03	12/3/2009	Cr-51	-1.00E+00	1.50E+01	5.20E+01	
WG	14	L15965-03	12/3/2009	Cs-134	4.00E-01	1.70E+00	6.00E+00	
WG	14	L15965-03	12/3/2009	Cs-137	-3.50E+00	1.70E+00	6.40E+00	
WG	14	L15965-03	12/3/2009	Fe-59	-6.00E-01	3.30E+00	1.20E+01	
WG	14	L15965-03	12/3/2009	Gross Beta	5.00E+00	1.10E+00	2.80E+00	*
WG	14	L15965-03	12/3/2009	H-3	-2.50E+02	4.30E+02	1.30E+03	
WG	14	L15965-03	12/3/2009	I-131	3.90E+00	2.90E+00	9.60E+00	
WG	14	L15965-03	12/3/2009	K-40	-1.00E+00	2.30E+01	8.20E+01	
WG	14	L15965-03	12/3/2009	La-140	6.00E-01	3.20E+00	1.10E+01	
WG	14	L15965-03	12/3/2009	Mn-54	-5.00E-01	1.70E+00	6.00E+00	
WG	14	L15965-03	12/3/2009	Nb-95	9.00E-01	2.90E+00	9.90E+00	
WG	14	L15965-03	12/3/2009	Ru-103	-5.00E-01	1.80E+00	6.50E+00	
WG	14	L15965-03	12/3/2009	Ru-106	-2.70E+01	1.30E+01	5.00E+01	
WG	14	L15965-03	12/3/2009	Sb-124	5.30E+00	6.40E+00	2.10E+01	
WG	14	L15965-03	12/3/2009	Sb-125	-3.40E+00	4.60E+00	1.70E+01	
WG	14	L15965-03	12/3/2009	Se-75	3.80E+00	2.10E+00	7.00E+00	
WG	14	L15965-03	12/3/2009	Zn-65	1.40E+00	7.70E+00	2.60E+01	
WG	14	L15965-03	12/3/2009	Zr-95	-1.70E+00	2.70E+00	1.00E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L14844-01	1/21/2009	AcTh-228	-3.40E+00	5.30E+00	1.90E+01	
WS	1	L14844-01	1/21/2009	Ag-108m	-5.00E-01	1.10E+00	3.90E+00	
WS	1	L14844-01	1/21/2009	Ag-110m	-2.00E+00	1.70E+00	6.20E+00	
WS	1	L14844-01	1/21/2009	Ba-140	-1.20E+00	2.90E+00	1.10E+01	
WS	1	L14844-01	1/21/2009	Be-7	-1.40E+01	1.20E+01	4.20E+01	
WS	1	L14844-01	1/21/2009	Ce-141	-3.90E+00	3.80E+00	1.30E+01	
WS	1	L14844-01	1/21/2009	Ce-144	-9.80E+00	7.70E+00	2.70E+01	
WS	1	L14844-01	1/21/2009	Co-57	-6.50E-01	9.90E-01	3.40E+00	
WS	1	L14844-01	1/21/2009	Co-58	-1.50E+00	1.50E+00	5.40E+00	
WS	1	L14844-01	1/21/2009	Co-60	3.00E-01	1.60E+00	5.60E+00	
WS	1	L14844-01	1/21/2009	Cr-51	7.00E+00	1.40E+01	4.90E+01	
WS	1	L14844-01	1/21/2009	Cs-134	-1.00E-01	9.60E-01	4.70E+00	
WS	1	L14844-01	1/21/2009	Cs-137	3.00E-01	1.30E+00	4.40E+00	
WS	1	L14844-01	1/21/2009	Fe-59	-3.00E+00	3.30E+00	1.20E+01	
WS	1	L14844-01	1/21/2009	I-131	3.50E+00	4.00E+00	1.40E+01	
WS	1	L14844-01	1/21/2009	K-40	3.29E+02	2.90E+01	6.30E+01	*
WS	1	L14844-01	1/21/2009	La-140	-1.20E+00	2.90E+00	1.10E+01	
WS	1	L14844-01	1/21/2009	Mn-54	4.00E-01	1.30E+00	4.50E+00	
WS	1	L14844-01	1/21/2009	Nb-95	-1.20E+00	2.70E+00	9.50E+00	
WS	1	L14844-01	1/21/2009	Ru-103	-2.90E+00	1.70E+00	6.30E+00	
WS	1	L14844-01	1/21/2009	Ru-106	-1.50E+01	1.20E+01	4.30E+01	
WS	1	L14844-01	1/21/2009	Sb-124	-1.30E+00	3.00E+00	1.10E+01	
WS	1	L14844-01	1/21/2009	Sb-125	-2.20E+00	3.30E+00	1.20E+01	
WS	1	L14844-01	1/21/2009	Se-75	-3.10E+00	1.80E+00	6.30E+00	
WS	1	L14844-01	1/21/2009	Zn-65	1.66E+01	5.70E+00	1.80E+01	
WS	1	L14844-01	1/21/2009	Zr-95	8.00E-01	2.60E+00	8.90E+00	
WS	1	L14946-01	2/24/2009	AcTh-228	1.27E+01	4.90E+00	1.50E+01	
WS	1	L14946-01	2/24/2009	Ag-108m	-1.65E+00	9.60E-01	3.50E+00	
WS	1	L14946-01	2/24/2009	Ag-110m	9.00E-01	1.70E+00	5.90E+00	
WS	1	L14946-01	2/24/2009	Ba-140	0.00E+00	3.70E+00	1.40E+01	
WS	1	L14946-01	2/24/2009	Be-7	-2.00E+00	1.00E+01	3.60E+01	
WS	1	L14946-01	2/24/2009	Ce-141	-8.00E-01	1.90E+00	6.50E+00	
WS	1	L14946-01	2/24/2009	Ce-144	3.50E+00	5.90E+00	2.00E+01	
WS	1	L14946-01	2/24/2009	Co-57	7.20E-01	7.40E-01	2.50E+00	
WS	1	L14946-01	2/24/2009	Co-58	5.00E-01	1.40E+00	4.70E+00	
WS	1	L14946-01	2/24/2009	Co-60	-2.00E-01	1.40E+00	5.20E+00	
WS	1	L14946-01	2/24/2009	Cr-51	4.00E+00	1.00E+01	3.50E+01	
WS	1	L14946-01	2/24/2009	Cs-134	1.00E-01	9.30E-01	4.20E+00	
WS	1	L14946-01	2/24/2009	Cs-137	-5.00E-01	1.20E+00	4.50E+00	
WS	1	L14946-01	2/24/2009	Fe-59	1.70E+00	3.20E+00	1.10E+01	
WS	1	L14946-01	2/24/2009	I-131	1.50E+00	3.30E+00	1.10E+01	
WS	1	L14946-01	2/24/2009	K-40	3.43E+02	3.10E+01	6.70E+01	*
WS	1	L14946-01	2/24/2009	La-140	0.00E+00	3.70E+00	1.40E+01	
WS	1	L14946-01	2/24/2009	Mn-54	2.00E-01	1.30E+00	4.70E+00	
WS	1	L14946-01	2/24/2009	Nb-95	3.40E+00	1.50E+00	4.60E+00	
WS	1	L14946-01	2/24/2009	Ru-103	-2.20E+00	1.30E+00	5.00E+00	
WS	1	L14946-01	2/24/2009	Ru-106	-3.00E+00	1.30E+01	4.60E+01	
WS	1	L14946-01	2/24/2009	Sb-124	-3.50E+00	3.80E+00	1.50E+01	
WS	1	L14946-01	2/24/2009	Sb-125	1.10E+00	3.10E+00	1.10E+01	
WS	1	L14946-01	2/24/2009	Se-75	-4.00E-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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L14946-01	2/24/2009	Zn-65	-3.00E-01	3.00E+00	1.10E+01	
WS	1	L14946-01	2/24/2009	Zr-95	1.10E+00	2.30E+00	8.00E+00	
WS	1	L15028-01	3/30/2009	AcTh-228	6.70E+00	9.30E+00	3.20E+01	
WS	1	L15028-01	3/30/2009	Ag-108m	-1.70E+00	1.50E+00	5.60E+00	
WS	1	L15028-01	3/30/2009	Ag-110m	-1.30E+00	2.20E+00	8.30E+00	
WS	1	L15028-01	3/30/2009	Ba-140	-1.20E+00	2.80E+00	1.10E+01	
WS	1	L15028-01	3/30/2009	Be-7	3.00E+00	1.40E+01	4.80E+01	
WS	1	L15028-01	3/30/2009	Ce-141	-8.40E+00	2.90E+00	1.10E+01	
WS	1	L15028-01	3/30/2009	Ce-144	1.30E+01	1.10E+01	3.50E+01	
WS	1	L15028-01	3/30/2009	Co-57	-6.00E-01	1.30E+00	4.60E+00	
WS	1	L15028-01	3/30/2009	Co-58	-5.30E+00	1.80E+00	7.50E+00	
WS	1	L15028-01	3/30/2009	Co-60	-9.00E-01	2.00E+00	7.70E+00	
WS	1	L15028-01	3/30/2009	Cr-51	2.10E+01	1.80E+01	6.00E+01	
WS	1	L15028-01	3/30/2009	Cs-134	2.00E+00	1.40E+00	6.60E+00	
WS	1	L15028-01	3/30/2009	Cs-137	2.10E+00	1.80E+00	6.10E+00	
WS	1	L15028-01	3/30/2009	Fe-59	3.60E+00	4.40E+00	1.50E+01	
WS	1	L15028-01	3/30/2009	I-131	1.50E+00	3.50E+00	1.20E+01	
WS	1	L15028-01	3/30/2009	K-40	2.48E+02	4.10E+01	1.10E+02	*
WS	1	L15028-01	3/30/2009	La-140	-1.20E+00	2.80E+00	1.10E+01	
WS	1	L15028-01	3/30/2009	Mn-54	4.00E-01	1.90E+00	6.60E+00	
WS	1	L15028-01	3/30/2009	Nb-95	1.70E+00	3.40E+00	1.20E+01	
WS	1	L15028-01	3/30/2009	Ru-103	-9.00E-01	2.00E+00	7.10E+00	
WS	1	L15028-01	3/30/2009	Ru-106	-2.00E+01	1.70E+01	6.50E+01	
WS	1	L15028-01	3/30/2009	Sb-124	-1.60E+00	4.40E+00	1.70E+01	
WS	1	L15028-01	3/30/2009	Sb-125	-2.20E+00	5.00E+00	1.80E+01	
WS	1	L15028-01	3/30/2009	Se-75	1.40E+00	2.20E+00	7.40E+00	
WS	1	L15028-01	3/30/2009	Zn-65	1.35E+01	7.40E+00	2.40E+01	
WS	1	L15028-01	3/30/2009	Zr-95	-2.80E+00	3.80E+00	1.40E+01	
WS	1	L15106-01	4/20/2009	AcTh-228	1.15E+01	7.40E+00	2.40E+01	
WS	1	L15106-01	4/20/2009	Ag-108m	3.00E-01	1.40E+00	4.90E+00	
WS	1	L15106-01	4/20/2009	Ag-110m	6.00E-01	2.50E+00	9.00E+00	
WS	1	L15106-01	4/20/2009	Ba-140	1.80E+00	3.30E+00	1.20E+01	
WS	1	L15106-01	4/20/2009	Be-7	-2.90E+01	1.50E+01	5.90E+01	
WS	1	L15106-01	4/20/2009	Ce-141	-9.00E-01	2.90E+00	9.90E+00	
WS	1	L15106-01	4/20/2009	Ce-144	-3.00E+00	1.00E+01	3.50E+01	
WS	1	L15106-01	4/20/2009	Co-57	5.00E-01	1.30E+00	4.50E+00	
WS	1	L15106-01	4/20/2009	Co-58	-9.00E-01	1.70E+00	6.50E+00	
WS	1	L15106-01	4/20/2009	Co-60	-2.40E+00	1.80E+00	7.30E+00	
WS	1	L15106-01	4/20/2009	Cr-51	-2.50E+01	1.60E+01	6.00E+01	
WS	1	L15106-01	4/20/2009	Cs-134	1.00E-01	1.80E+00	6.90E+00	
WS	1	L15106-01	4/20/2009	Cs-137	-1.30E+00	1.70E+00	6.40E+00	
WS	1	L15106-01	4/20/2009	Fe-59	4.30E+00	3.50E+00	1.20E+01	
WS	1	L15106-01	4/20/2009	I-131	-5.70E+00	3.50E+00	1.30E+01	
WS	1	L15106-01	4/20/2009	K-40	3.09E+02	4.10E+01	9.60E+01	*
WS	1	L15106-01	4/20/2009	La-140	1.80E+00	3.30E+00	1.20E+01	
WS	1	L15106-01	4/20/2009	Mn-54	0.00E+00	1.70E+00	6.30E+00	
WS	1	L15106-01	4/20/2009	Nb-95	2.10E+00	2.30E+00	8.00E+00	
WS	1	L15106-01	4/20/2009	Ru-103	1.00E-01	2.00E+00	7.10E+00	
WS	1	L15106-01	4/20/2009	Ru-106	1.20E+01	1.80E+01	6.10E+01	
WS	1	L15106-01	4/20/2009	Sb-124	5.80E+00	4.00E+00	1.30E+01	
WS	1	L15106-01	4/20/2009	Sb-125	2.50E+00	4.80E+00	1.60E+01	
WS	1	L15106-01	4/20/2009	Se-75	2.40E+00	2.10E+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 -2009

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L15106-01	4/20/2009	Zn-65	-3.80E+00	4.70E+00	1.80E+01	
WS	1	L15106-01	4/20/2009	Zr-95	-1.90E+00	3.10E+00	1.20E+01	
WS	1	L15158-01	3/30/2009	H-3	3.60E+02	4.20E+02	1.20E+03	
WS	1	L15232-01	5/19/2009	AcTh-228	6.80E+00	4.40E+00	1.40E+01	
WS	1	L15232-01	5/19/2009	Ag-108m	-1.90E+00	1.00E+00	3.70E+00	
WS	1	L15232-01	5/19/2009	Ag-110m	7.00E-01	1.60E+00	5.40E+00	
WS	1	L15232-01	5/19/2009	Ba-140	2.10E+00	2.80E+00	9.70E+00	
WS	1	L15232-01	5/19/2009	Be-7	7.30E+00	9.80E+00	3.30E+01	
WS	1	L15232-01	5/19/2009	Ce-141	4.60E+00	4.20E+00	1.40E+01	
WS	1	L15232-01	5/19/2009	Ce-144	7.00E-01	7.10E+00	2.40E+01	
WS	1	L15232-01	5/19/2009	Co-57	7.50E-01	8.50E-01	2.90E+00	
WS	1	L15232-01	5/19/2009	Co-58	0.00E+00	1.10E+00	4.00E+00	
WS	1	L15232-01	5/19/2009	Co-60	-1.10E+00	1.20E+00	4.60E+00	
WS	1	L15232-01	5/19/2009	Cr-51	-2.00E+00	1.20E+01	4.10E+01	
WS	1	L15232-01	5/19/2009	Cs-134	-1.00E-01	1.10E+00	5.00E+00	
WS	1	L15232-01	5/19/2009	Cs-137	1.60E+00	1.10E+00	3.70E+00	
WS	1	L15232-01	5/19/2009	Fe-59	-6.00E-01	2.90E+00	1.00E+01	
WS	1	L15232-01	5/19/2009	I-131	4.00E-01	3.20E+00	1.10E+01	
WS	1	L15232-01	5/19/2009	K-40	2.78E+02	2.70E+01	6.40E+01	*
WS	1	L15232-01	5/19/2009	La-140	2.10E+00	2.80E+00	9.70E+00	
WS	1	L15232-01	5/19/2009	Mn-54	-1.10E+00	1.10E+00	4.00E+00	
WS	1	L15232-01	5/19/2009	Nb-95	-9.00E-01	1.60E+00	5.50E+00	
WS	1	L15232-01	5/19/2009	Ru-103	-1.10E+00	1.40E+00	4.90E+00	
WS	1	L15232-01	5/19/2009	Ru-106	-7.00E+00	1.10E+01	4.00E+01	
WS	1	L15232-01	5/19/2009	Sb-124	4.40E+00	2.70E+00	8.90E+00	
WS	1	L15232-01	5/19/2009	Sb-125	-6.90E+00	3.00E+00	1.10E+01	
WS	1	L15232-01	5/19/2009	Se-75	-1.60E+00	1.50E+00	5.10E+00	
WS	1	L15232-01	5/19/2009	Zn-65	-2.70E+00	2.70E+00	1.00E+01	
WS	1	L15232-01	5/19/2009	Zr-95	-6.00E-01	2.20E+00	7.80E+00	
WS	1	L15364-01	6/25/2009	AcTh-228	-3.30E+00	4.20E+00	1.50E+01	
WS	1	L15364-01	6/25/2009	Ag-108m	-1.42E+00	7.70E-01	2.70E+00	
WS	1	L15364-01	6/25/2009	Ag-110m	-5.00E-01	1.30E+00	4.60E+00	
WS	1	L15364-01	6/25/2009	Ba-140	1.90E+00	2.90E+00	1.00E+01	
WS	1	L15364-01	6/25/2009	Be-7	1.04E+01	9.10E+00	3.00E+01	
WS	1	L15364-01	6/25/2009	Ce-141	-1.80E+00	1.80E+00	6.10E+00	
WS	1	L15364-01	6/25/2009	Ce-144	4.00E+00	5.30E+00	1.80E+01	
WS	1	L15364-01	6/25/2009	Co-57	-8.00E-01	6.80E-01	2.40E+00	
WS	1	L15364-01	6/25/2009	Co-58	-3.50E-01	9.80E-01	3.50E+00	
WS	1	L15364-01	6/25/2009	Co-60	1.70E-01	9.30E-01	3.30E+00	
WS	1	L15364-01	6/25/2009	Cr-51	9.80E+00	9.60E+00	3.20E+01	
WS	1	L15364-01	6/25/2009	Cs-134	2.20E-01	7.80E-01	3.50E+00	
WS	1	L15364-01	6/25/2009	Cs-137	7.60E-01	9.50E-01	3.20E+00	
WS	1	L15364-01	6/25/2009	Fe-59	4.40E+00	2.10E+00	6.90E+00	
WS	1	L15364-01	6/25/2009	I-131	-5.30E+00	4.10E+00	1.40E+01	
WS	1	L15364-01	6/25/2009	K-40	3.14E+02	2.10E+01	4.70E+01	*
WS	1	L15364-01	6/25/2009	La-140	1.90E+00	2.90E+00	1.00E+01	
WS	1	L15364-01	6/25/2009	Mn-54	-1.30E+00	8.70E-01	3.20E+00	
WS	1	L15364-01	6/25/2009	Nb-95	-4.00E+00	1.30E+00	4.90E+00	
WS	1	L15364-01	6/25/2009	Ru-103	-2.10E+00	1.10E+00	4.00E+00	
WS	1	L15364-01	6/25/2009	Ru-106	0.00E+00	8.50E+00	2.90E+01	
WS	1	L15364-01	6/25/2009	Sb-124	-2.60E+00	2.60E+00	9.50E+00	
WS	1	L15364-01	6/25/2009	Sb-125	3.00E+00	2.40E+00	7.90E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L15364-01	6/25/2009	Se-75	-3.00E-01	1.10E+00	3.80E+00	
WS	1	L15364-01	6/25/2009	Zn-65	-5.20E+00	2.10E+00	8.00E+00	
WS	1	L15364-01	6/25/2009	Zr-95	-3.30E+00	1.90E+00	6.80E+00	
WS	1	L15426-01	6/25/2009	H-3	-7.70E+02	4.90E+02	1.50E+03	
WS	1	L15461-01	7/22/2009	AcTh-228	5.30E+00	9.50E+00	3.30E+01	
WS	1	L15461-01	7/22/2009	Ag-108m	2.90E+00	1.60E+00	5.10E+00	
WS	1	L15461-01	7/22/2009	Ag-110m	3.00E-01	2.30E+00	8.50E+00	
WS	1	L15461-01	7/22/2009	Ba-140	-1.00E+00	3.70E+00	1.40E+01	
WS	1	L15461-01	7/22/2009	Be-7	-1.60E+01	1.90E+01	6.90E+01	
WS	1	L15461-01	7/22/2009	Ce-141	-1.10E+00	3.00E+00	1.00E+01	
WS	1	L15461-01	7/22/2009	Ce-144	7.60E+00	9.60E+00	3.30E+01	
WS	1	L15461-01	7/22/2009	Co-57	-2.10E+00	1.20E+00	4.40E+00	
WS	1	L15461-01	7/22/2009	Co-58	2.50E+00	2.00E+00	6.60E+00	
WS	1	L15461-01	7/22/2009	Co-60	3.00E+00	2.20E+00	7.30E+00	
WS	1	L15461-01	7/22/2009	Cr-51	2.10E+01	1.60E+01	5.30E+01	
WS	1	L15461-01	7/22/2009	Cs-134	-1.30E+00	1.50E+00	7.40E+00	
WS	1	L15461-01	7/22/2009	Cs-137	-2.50E+00	2.40E+00	9.10E+00	
WS	1	L15461-01	7/22/2009	Fe-59	-1.17E+01	4.20E+00	1.80E+01	
WS	1	L15461-01	7/22/2009	I-131	1.80E+00	3.90E+00	1.40E+01	
WS	1	L15461-01	7/22/2009	K-40	2.54E+02	4.30E+01	1.10E+02	*
WS	1	L15461-01	7/22/2009	La-140	-1.00E+00	3.70E+00	1.40E+01	
WS	1	L15461-01	7/22/2009	Mn-54	-1.80E+00	1.80E+00	6.90E+00	
WS	1	L15461-01	7/22/2009	Nb-95	8.00E-01	2.10E+00	7.40E+00	
WS	1	L15461-01	7/22/2009	Ru-103	-4.00E+00	2.10E+00	8.00E+00	
WS	1	L15461-01	7/22/2009	Ru-106	8.00E+00	1.90E+01	6.50E+01	
WS	1	L15461-01	7/22/2009	Sb-124	-3.30E+00	4.60E+00	1.90E+01	
WS	1	L15461-01	7/22/2009	Sb-125	-1.50E+00	4.90E+00	1.80E+01	
WS	1	L15461-01	7/22/2009	Se-75	-8.00E-01	2.00E+00	7.10E+00	
WS	1	L15461-01	7/22/2009	Zn-65	-5.20E+00	4.60E+00	1.80E+01	
WS	1	L15461-01	7/22/2009	Zr-95	-2.90E+00	3.50E+00	1.40E+01	
WS	1	L15569-01	8/18/2009	AcTh-228	2.80E+00	4.60E+00	1.50E+01	
WS	1	L15569-01	8/18/2009	Ag-108m	-9.00E-02	9.30E-01	3.20E+00	
WS	1	L15569-01	8/18/2009	Ag-110m	7.00E-01	1.60E+00	5.50E+00	
WS	1	L15569-01	8/18/2009	Ba-140	3.60E+00	2.80E+00	9.20E+00	
WS	1	L15569-01	8/18/2009	Be-7	-2.00E+00	1.00E+01	3.60E+01	
WS	1	L15569-01	8/18/2009	Ce-141	-1.00E+00	1.90E+00	6.40E+00	
WS	1	L15569-01	8/18/2009	Ce-144	6.00E-01	7.00E+00	2.30E+01	
WS	1	L15569-01	8/18/2009	Co-57	1.42E+00	8.80E-01	2.90E+00	
WS	1	L15569-01	8/18/2009	Co-58	-4.00E-01	1.30E+00	4.40E+00	
WS	1	L15569-01	8/18/2009	Co-60	-2.00E-01	1.30E+00	4.40E+00	
WS	1	L15569-01	8/18/2009	Cr-51	-1.90E+01	1.20E+01	4.20E+01	
WS	1	L15569-01	8/18/2009	Cs-134	4.00E-01	1.20E+00	4.20E+00	
WS	1	L15569-01	8/18/2009	Cs-137	-6.00E-01	1.80E+00	6.20E+00	
WS	1	L15569-01	8/18/2009	Fe-59	1.00E-01	2.60E+00	9.00E+00	
WS	1	L15569-01	8/18/2009	I-131	1.30E+00	3.50E+00	1.20E+01	
WS	1	L15569-01	8/18/2009	K-40	3.33E+02	2.40E+01	5.70E+01	*
WS	1	L15569-01	8/18/2009	La-140	3.60E+00	2.80E+00	9.20E+00	
WS	1	L15569-01	8/18/2009	Mn-54	-3.10E+00	1.10E+00	4.20E+00	
WS	1	L15569-01	8/18/2009	Nb-95	-9.00E-01	2.40E+00	8.00E+00	
WS	1	L15569-01	8/18/2009	Ru-103	1.00E-01	1.40E+00	4.70E+00	
WS	1	L15569-01	8/18/2009	Ru-106	-2.00E+01	1.00E+01	3.70E+01	
WS	1	L15569-01	8/18/2009	Sb-124	-2.40E+00	2.60E+00	9.60E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L15569-01	8/18/2009	Sb-125	4.00E-01	3.00E+00	1.00E+01	
WS	1	L15569-01	8/18/2009	Se-75	2.80E+00	1.50E+00	5.00E+00	
WS	1	L15569-01	8/18/2009	Zn-65	9.30E+00	5.90E+00	1.90E+01	
WS	1	L15569-01	8/18/2009	Zr-95	-4.70E+00	2.20E+00	8.00E+00	
WS	1	L15700-01	9/22/2009	AcTh-228	-3.30E+00	5.40E+00	1.90E+01	
WS	1	L15700-01	9/22/2009	Ag-108m	1.60E-01	9.90E-01	3.40E+00	
WS	1	L15700-01	9/22/2009	Ag-110m	-2.30E+00	1.40E+00	5.40E+00	
WS	1	L15700-01	9/22/2009	Ba-140	-1.00E+00	3.00E+00	1.10E+01	
WS	1	L15700-01	9/22/2009	Be-7	1.40E+01	1.00E+01	3.30E+01	
WS	1	L15700-01	9/22/2009	Ce-141	1.00E-01	2.00E+00	6.80E+00	
WS	1	L15700-01	9/22/2009	Ce-144	4.50E+00	6.50E+00	2.20E+01	
WS	1	L15700-01	9/22/2009	Co-57	-7.80E-01	6.80E-01	2.40E+00	
WS	1	L15700-01	9/22/2009	Co-58	0.00E+00	1.20E+00	4.20E+00	
WS	1	L15700-01	9/22/2009	Co-60	7.00E-01	1.20E+00	4.10E+00	
WS	1	L15700-01	9/22/2009	Cr-51	-1.10E+01	1.10E+01	3.70E+01	
WS	1	L15700-01	9/22/2009	Cs-134	-2.00E-01	8.20E-01	3.80E+00	
WS	1	L15700-01	9/22/2009	Cs-137	-1.00E+00	1.10E+00	4.00E+00	
WS	1	L15700-01	9/22/2009	Fe-59	-1.10E+00	2.50E+00	9.10E+00	
WS	1	L15700-01	9/22/2009	I-131	-1.40E+00	2.90E+00	1.00E+01	
WS	1	L15700-01	9/22/2009	K-40	3.12E+02	2.70E+01	6.50E+01	*
WS	1	L15700-01	9/22/2009	La-140	-1.00E+00	3.00E+00	1.10E+01	
WS	1	L15700-01	9/22/2009	Mn-54	1.20E+00	1.20E+00	4.10E+00	
WS	1	L15700-01	9/22/2009	Nb-95	2.00E+00	1.50E+00	4.90E+00	
WS	1	L15700-01	9/22/2009	Ru-103	-1.00E+00	1.30E+00	4.70E+00	
WS	1	L15700-01	9/22/2009	Ru-106	-5.00E+00	1.00E+01	3.70E+01	
WS	1	L15700-01	9/22/2009	Sb-124	9.00E-01	2.80E+00	9.80E+00	
WS	1	L15700-01	9/22/2009	Sb-125	-2.50E+00	3.00E+00	1.00E+01	
WS	1	L15700-01	9/22/2009	Se-75	-8.00E-01	1.60E+00	5.30E+00	
WS	1	L15700-01	9/22/2009	Zn-65	-2.10E+00	2.70E+00	9.80E+00	
WS	1	L15700-01	9/22/2009	Zr-95	-1.10E+00	2.20E+00	7.80E+00	
WS	1	L15808-01	9/22/2009	H-3	8.30E+02	3.50E+02	1.00E+03	
WS	1	L15810-01	10/20/2009	AcTh-228	1.46E+01	5.90E+00	1.80E+01	
WS	1	L15810-01	10/20/2009	Ag-108m	-9.00E-01	1.10E+00	4.10E+00	
WS	1	L15810-01	10/20/2009	Ag-110m	3.10E+00	2.10E+00	6.90E+00	
WS	1	L15810-01	10/20/2009	Ba-140	-5.00E-01	3.50E+00	1.30E+01	
WS	1	L15810-01	10/20/2009	Be-7	-1.10E+01	1.20E+01	4.50E+01	
WS	1	L15810-01	10/20/2009	Ce-141	-1.30E+00	2.10E+00	7.20E+00	
WS	1	L15810-01	10/20/2009	Ce-144	-6.20E+00	7.40E+00	2.60E+01	
WS	1	L15810-01	10/20/2009	Co-57	-5.40E-01	9.20E-01	3.20E+00	
WS	1	L15810-01	10/20/2009	Co-58	7.00E-01	1.60E+00	5.60E+00	
WS	1	L15810-01	10/20/2009	Co-60	1.60E+00	1.90E+00	6.60E+00	
WS	1	L15810-01	10/20/2009	Cr-51	-2.00E+01	1.10E+01	4.30E+01	
WS	1	L15810-01	10/20/2009	Cs-134	-1.80E+00	1.20E+00	5.60E+00	
WS	1	L15810-01	10/20/2009	Cs-137	1.30E+00	1.50E+00	5.10E+00	
WS	1	L15810-01	10/20/2009	Fe-59	1.00E-01	3.80E+00	1.40E+01	
WS	1	L15810-01	10/20/2009	I-131	0.00E+00	2.70E+00	9.50E+00	
WS	1	L15810-01	10/20/2009	K-40	2.98E+02	3.90E+01	9.30E+01	*
WS	1	L15810-01	10/20/2009	La-140	-5.00E-01	3.50E+00	1.30E+01	
WS	1	L15810-01	10/20/2009	Mn-54	5.00E-01	1.60E+00	5.60E+00	
WS	1	L15810-01	10/20/2009	Nb-95	1.90E+00	1.70E+00	5.60E+00	
WS	1	L15810-01	10/20/2009	Ru-103	0.00E+00	1.50E+00	5.20E+00	
WS	1	L15810-01	10/20/2009	Ru-106	-3.10E+01	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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L15810-0110	20/2009	Sb-124	-2.20E+00	4.80E+00	1.80E+01	
WS	1	L15810-0110	20/2009	Sb-125	1.30E+00	3.50E+00	1.20E+01	
WS	1	L15810-0110	20/2009	Se-75	-1.00E+00	1.50E+00	5.30E+00	
WS	1	L15810-0110	20/2009	Zn-65	1.70E+00	3.70E+00	1.30E+01	
WS	1	L15810-0110	20/2009	Zr-95	2.50E+00	2.40E+00	8.30E+00	
WS	1	L15952-0111	30/2009	AcTh-228	3.00E-01	8.90E+00	3.10E+01	
WS	1	L15952-0111	30/2009	Ag-108m	1.90E+00	1.40E+00	4.60E+00	
WS	1	L15952-0111	30/2009	Ag-110m	-1.00E+00	2.40E+00	8.70E+00	
WS	1	L15952-0111	30/2009	Ba-140	-5.40E+00	3.70E+00	1.50E+01	
WS	1	L15952-0111	30/2009	Be-7	1.40E+01	1.50E+01	5.00E+01	
WS	1	L15952-0111	30/2009	Ce-141	-2.80E+00	2.70E+00	9.40E+00	
WS	1	L15952-0111	30/2009	Ce-144	9.40E+00	9.40E+00	3.10E+01	
WS	1	L15952-0111	30/2009	Co-57	6.00E-01	1.20E+00	4.00E+00	
WS	1	L15952-0111	30/2009	Co-58	-7.00E-01	1.90E+00	6.80E+00	
WS	1	L15952-0111	30/2009	Co-60	-8.00E-01	1.70E+00	6.60E+00	
WS	1	L15952-0111	30/2009	Cr-51	-2.00E+00	1.50E+01	5.20E+01	
WS	1	L15952-0111	30/2009	Cs-134	-1.10E+00	1.30E+00	6.30E+00	
WS	1	L15952-0111	30/2009	Cs-137	-2.00E-01	1.70E+00	6.20E+00	
WS	1	L15952-0111	30/2009	Fe-59	-3.70E+00	3.70E+00	1.40E+01	
WS	1	L15952-0111	30/2009	I-131	-4.60E+00	3.60E+00	1.30E+01	
WS	1	L15952-0111	30/2009	K-40	3.00E+02	4.10E+01	1.00E+02	*
WS	1	L15952-0111	30/2009	La-140	-5.40E+00	3.70E+00	1.50E+01	
WS	1	L15952-0111	30/2009	Mn-54	1.80E+00	1.80E+00	6.00E+00	
WS	1	L15952-0111	30/2009	Nb-95	-5.40E+00	2.40E+00	9.00E+00	
WS	1	L15952-0111	30/2009	Ru-103	-1.80E+00	1.90E+00	7.00E+00	
WS	1	L15952-0111	30/2009	Ru-106	1.60E+01	1.50E+01	5.00E+01	
WS	1	L15952-0111	30/2009	Sb-124	1.50E+00	4.40E+00	1.60E+01	
WS	1	L15952-0111	30/2009	Sb-125	4.00E-01	4.40E+00	1.50E+01	
WS	1	L15952-0111	30/2009	Se-75	4.30E+00	2.10E+00	6.60E+00	
WS	1	L15952-0111	30/2009	Zn-65	-5.10E+00	4.10E+00	1.60E+01	
WS	1	L15952-0111	30/2009	Zr-95	2.10E+00	3.30E+00	1.10E+01	
WS	1	L16047-0112	28/2009	AcTh-228	5.20E+00	5.10E+00	1.70E+01	
WS	1	L16047-0112	28/2009	Ag-108m	5.00E-01	1.10E+00	3.90E+00	
WS	1	L16047-0112	28/2009	Ag-110m	-7.00E-01	1.80E+00	6.50E+00	
WS	1	L16047-0112	28/2009	Ba-140	8.00E-01	2.80E+00	1.00E+01	
WS	1	L16047-0112	28/2009	Be-7	-6.00E+00	1.30E+01	4.70E+01	
WS	1	L16047-0112	28/2009	Ce-141	-1.50E+00	2.40E+00	8.30E+00	
WS	1	L16047-0112	28/2009	Ce-144	1.86E+01	8.10E+00	2.60E+01	
WS	1	L16047-0112	28/2009	Co-57	2.00E-01	1.00E+00	3.40E+00	
WS	1	L16047-0112	28/2009	Co-58	-1.60E+00	1.30E+00	4.90E+00	
WS	1	L16047-0112	28/2009	Co-60	-2.70E+00	1.40E+00	5.40E+00	
WS	1	L16047-0112	28/2009	Cr-51	1.60E+01	1.50E+01	4.90E+01	
WS	1	L16047-0112	28/2009	Cs-134	5.00E-01	1.00E+00	4.90E+00	
WS	1	L16047-0112	28/2009	Cs-137	4.00E-01	1.40E+00	4.80E+00	
WS	1	L16047-0112	28/2009	Fe-59	3.00E-01	3.00E+00	1.10E+01	
WS	1	L16047-0112	28/2009	I-131	-1.60E+00	4.10E+00	1.40E+01	
WS	1	L16047-0112	28/2009	K-40	3.58E+02	3.10E+01	7.00E+01	*
WS	1	L16047-0112	28/2009	La-140	8.00E-01	2.80E+00	1.00E+01	
WS	1	L16047-0112	28/2009	Mn-54	-2.20E+00	1.30E+00	5.00E+00	
WS	1	L16047-0112	28/2009	Nb-95	-3.10E+00	1.70E+00	6.30E+00	
WS	1	L16047-0112	28/2009	Ru-103	-2.70E+00	1.80E+00	6.50E+00	
WS	1	L16047-0112	28/2009	Ru-106	-1.50E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	1	L16047-01	12/28/2009	Sb-124	-1.80E+00	3.50E+00	1.30E+01	
WS	1	L16047-01	12/28/2009	Sb-125	-7.00E-01	3.50E+00	1.20E+01	
WS	1	L16047-01	12/28/2009	Se-75	8.00E-01	1.80E+00	6.10E+00	
WS	1	L16047-01	12/28/2009	Zn-65	-5.20E+00	2.90E+00	1.10E+01	
WS	1	L16047-01	12/28/2009	Zr-95	5.00E-01	2.50E+00	8.80E+00	
WS	1	L16069-01	12/28/2009	H-3	3.30E+02	4.40E+02	1.30E+03	
WS	2	L15232-04	5/20/2009	AcTh-228	-8.80E+00	6.80E+00	2.60E+01	
WS	2	L15232-04	5/20/2009	Ag-108m	8.00E-01	1.20E+00	4.20E+00	
WS	2	L15232-04	5/20/2009	Ag-110m	-1.80E+00	2.00E+00	7.60E+00	
WS	2	L15232-04	5/20/2009	Ba-140	6.40E+00	3.30E+00	1.00E+01	
WS	2	L15232-04	5/20/2009	Be-7	-1.00E+00	1.20E+01	4.40E+01	
WS	2	L15232-04	5/20/2009	Ce-141	-3.80E+00	3.40E+00	1.20E+01	
WS	2	L15232-04	5/20/2009	Ce-144	-2.40E+00	7.20E+00	2.50E+01	
WS	2	L15232-04	5/20/2009	Co-57	1.16E+00	9.70E-01	3.20E+00	
WS	2	L15232-04	5/20/2009	Co-58	-3.10E+00	1.60E+00	6.20E+00	
WS	2	L15232-04	5/20/2009	Co-60	1.30E+00	1.80E+00	6.30E+00	
WS	2	L15232-04	5/20/2009	Cr-51	2.00E+00	1.40E+01	4.90E+01	
WS	2	L15232-04	5/20/2009	Cs-134	4.00E-01	1.40E+00	5.80E+00	
WS	2	L15232-04	5/20/2009	Cs-137	-1.00E-01	1.60E+00	5.80E+00	
WS	2	L15232-04	5/20/2009	Fe-59	9.10E+00	3.40E+00	1.00E+01	
WS	2	L15232-04	5/20/2009	H-3	5.10E+02	4.30E+02	1.20E+03	
WS	2	L15232-04	5/20/2009	I-131	-5.00E-01	3.00E+00	1.10E+01	
WS	2	L15232-04	5/20/2009	K-40	7.80E+01	2.90E+01	8.90E+01	
WS	2	L15232-04	5/20/2009	La-140	6.40E+00	3.30E+00	1.00E+01	
WS	2	L15232-04	5/20/2009	Mn-54	-3.00E-01	1.60E+00	5.70E+00	
WS	2	L15232-04	5/20/2009	Nb-95	7.00E-01	1.70E+00	6.10E+00	
WS	2	L15232-04	5/20/2009	Ru-103	7.00E-01	1.60E+00	5.70E+00	
WS	2	L15232-04	5/20/2009	Ru-106	-1.40E+01	1.50E+01	5.70E+01	
WS	2	L15232-04	5/20/2009	Sb-124	-7.00E-01	4.30E+00	1.60E+01	
WS	2	L15232-04	5/20/2009	Sb-125	3.00E+00	3.60E+00	1.20E+01	
WS	2	L15232-04	5/20/2009	Se-75	-1.60E+00	1.60E+00	5.90E+00	
WS	2	L15232-04	5/20/2009	Zn-65	0.00E+00	3.60E+00	1.30E+01	
WS	2	L15232-04	5/20/2009	Zr-95	-9.00E-01	2.90E+00	1.10E+01	
WS	2	L15362-01	7/1/2009	AcTh-228	-1.00E-01	7.50E+00	2.70E+01	
WS	2	L15362-01	7/1/2009	Ag-108m	1.30E+00	1.40E+00	4.90E+00	
WS	2	L15362-01	7/1/2009	Ag-110m	-2.80E+00	2.80E+00	1.10E+01	
WS	2	L15362-01	7/1/2009	Ba-140	-3.00E+00	3.50E+00	1.40E+01	
WS	2	L15362-01	7/1/2009	Be-7	-6.00E+00	1.30E+01	5.10E+01	
WS	2	L15362-01	7/1/2009	Ce-141	-6.00E-01	2.90E+00	1.00E+01	
WS	2	L15362-01	7/1/2009	Ce-144	-9.00E+00	1.00E+01	3.80E+01	
WS	2	L15362-01	7/1/2009	Co-57	-3.00E-01	1.30E+00	4.70E+00	
WS	2	L15362-01	7/1/2009	Co-58	6.00E-01	1.90E+00	7.00E+00	
WS	2	L15362-01	7/1/2009	Co-60	4.00E-01	2.00E+00	7.40E+00	
WS	2	L15362-01	7/1/2009	Cr-51	-8.00E+00	1.80E+01	6.60E+01	
WS	2	L15362-01	7/1/2009	Cs-134	2.30E+00	1.70E+00	6.90E+00	
WS	2	L15362-01	7/1/2009	Cs-137	-1.80E+00	1.80E+00	7.20E+00	
WS	2	L15362-01	7/1/2009	Fe-59	-4.20E+00	4.00E+00	1.60E+01	
WS	2	L15362-01	7/1/2009	H-3	-6.20E+02	1.50E+02	4.90E+02	
WS	2	L15362-01	7/1/2009	I-131	0.00E+00	3.50E+00	1.20E+01	
WS	2	L15362-01	7/1/2009	K-40	1.40E+02	4.00E+01	1.20E+02	*
WS	2	L15362-01	7/1/2009	La-140	-3.00E+00	3.50E+00	1.40E+01	
WS	2	L15362-01	7/1/2009	Mn-54	0.00E+00	1.60E+00	6.10E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15362-01	7/1/2009	Nb-95	3.60E+00	2.40E+00	7.90E+00	
WS	2	L15362-01	7/1/2009	Ru-103	-1.50E+00	2.00E+00	7.50E+00	
WS	2	L15362-01	7/1/2009	Ru-106	-1.40E+01	1.90E+01	7.20E+01	
WS	2	L15362-01	7/1/2009	Sb-124	3.10E+00	4.70E+00	1.70E+01	
WS	2	L15362-01	7/1/2009	Sb-125	-6.00E-01	4.80E+00	1.80E+01	
WS	2	L15362-01	7/1/2009	Se-75	1.60E+00	2.00E+00	6.90E+00	
WS	2	L15362-01	7/1/2009	Zn-65	-3.00E-01	4.50E+00	1.70E+01	
WS	2	L15362-01	7/1/2009	Zr-95	-1.50E+00	3.90E+00	1.40E+01	
WS	2	L15400-01	7/8/2009	AcTh-228	6.70E+00	8.10E+00	2.80E+01	
WS	2	L15400-01	7/8/2009	Ag-108m	-5.00E-01	1.70E+00	6.30E+00	
WS	2	L15400-01	7/8/2009	Ag-110m	8.00E-01	2.70E+00	1.00E+01	
WS	2	L15400-01	7/8/2009	Ba-140	2.30E+00	3.70E+00	1.30E+01	
WS	2	L15400-01	7/8/2009	Be-7	-1.70E+01	1.70E+01	6.40E+01	
WS	2	L15400-01	7/8/2009	Ce-141	3.20E+00	2.90E+00	9.70E+00	
WS	2	L15400-01	7/8/2009	Ce-144	-2.10E+01	1.10E+01	4.10E+01	
WS	2	L15400-01	7/8/2009	Co-57	-7.00E-01	1.40E+00	4.90E+00	
WS	2	L15400-01	7/8/2009	Co-58	0.00E+00	2.00E+00	7.50E+00	
WS	2	L15400-01	7/8/2009	Co-60	8.00E-01	2.50E+00	9.00E+00	
WS	2	L15400-01	7/8/2009	Cr-51	2.80E+01	1.80E+01	5.80E+01	
WS	2	L15400-01	7/8/2009	Cs-134	2.90E+00	1.70E+00	7.30E+00	
WS	2	L15400-01	7/8/2009	Cs-137	1.40E+00	1.70E+00	6.00E+00	
WS	2	L15400-01	7/8/2009	Fe-59	2.00E+00	4.10E+00	1.50E+01	
WS	2	L15400-01	7/8/2009	H-3	1.30E+02	1.30E+02	3.90E+02	
WS	2	L15400-01	7/8/2009	I-131	-5.50E+00	3.80E+00	1.40E+01	
WS	2	L15400-01	7/8/2009	K-40	9.20E+01	3.40E+01	1.00E+02	
WS	2	L15400-01	7/8/2009	La-140	2.30E+00	3.70E+00	1.30E+01	
WS	2	L15400-01	7/8/2009	Mn-54	-2.30E+00	1.70E+00	7.00E+00	
WS	2	L15400-01	7/8/2009	Nb-95	-2.00E-01	2.20E+00	8.30E+00	
WS	2	L15400-01	7/8/2009	Ru-103	2.20E+00	2.10E+00	7.20E+00	
WS	2	L15400-01	7/8/2009	Ru-106	-3.10E+01	1.70E+01	6.90E+01	
WS	2	L15400-01	7/8/2009	Sb-124	1.10E+00	5.30E+00	2.00E+01	
WS	2	L15400-01	7/8/2009	Sb-125	-1.80E+00	5.50E+00	2.00E+01	
WS	2	L15400-01	7/8/2009	Se-75	-3.20E+00	2.00E+00	7.80E+00	
WS	2	L15400-01	7/8/2009	Zn-65	-2.20E+00	4.60E+00	1.80E+01	
WS	2	L15400-01	7/8/2009	Zr-95	3.00E-01	3.30E+00	1.20E+01	
WS	2	L15445-01	7/15/2009	AcTh-228	-3.00E-01	8.90E+00	3.20E+01	
WS	2	L15445-01	7/15/2009	Ag-108m	-1.80E+00	1.80E+00	6.50E+00	
WS	2	L15445-01	7/15/2009	Ag-110m	-3.50E+00	2.70E+00	1.10E+01	
WS	2	L15445-01	7/15/2009	Ba-140	1.40E+00	3.40E+00	1.30E+01	
WS	2	L15445-01	7/15/2009	Be-7	-3.10E+01	1.80E+01	7.00E+01	
WS	2	L15445-01	7/15/2009	Ce-141	5.50E+00	3.10E+00	1.00E+01	
WS	2	L15445-01	7/15/2009	Ce-144	2.00E+00	1.20E+01	4.10E+01	
WS	2	L15445-01	7/15/2009	Co-57	-8.00E-01	1.50E+00	5.30E+00	
WS	2	L15445-01	7/15/2009	Co-58	-3.10E+00	1.90E+00	7.60E+00	
WS	2	L15445-01	7/15/2009	Co-60	1.90E+00	1.70E+00	5.90E+00	
WS	2	L15445-01	7/15/2009	Cr-51	0.00E+00	1.70E+01	6.00E+01	
WS	2	L15445-01	7/15/2009	Cs-134	-1.70E+00	1.90E+00	7.60E+00	
WS	2	L15445-01	7/15/2009	Cs-137	-8.00E-01	2.20E+00	8.20E+00	
WS	2	L15445-01	7/15/2009	Fe-59	-4.40E+00	3.60E+00	1.50E+01	
WS	2	L15445-01	7/15/2009	H-3	-4.20E+02	1.50E+02	4.50E+02	
WS	2	L15445-01	7/15/2009	I-131	-1.40E+00	4.00E+00	1.40E+01	
WS	2	L15445-01	7/15/2009	K-40	1.48E+02	3.90E+01	1.10E+02	*

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15445-01	7/15/2009	La-140	1.40E+00	3.40E+00	1.30E+01	
WS	2	L15445-01	7/15/2009	Mn-54	1.10E+00	2.00E+00	6.90E+00	
WS	2	L15445-01	7/15/2009	Nb-95	5.00E-01	2.40E+00	8.60E+00	
WS	2	L15445-01	7/15/2009	Ru-103	-3.90E+00	2.30E+00	8.90E+00	
WS	2	L15445-01	7/15/2009	Ru-106	1.30E+01	1.80E+01	6.40E+01	
WS	2	L15445-01	7/15/2009	Sb-124	4.00E+00	4.00E+00	1.40E+01	
WS	2	L15445-01	7/15/2009	Sb-125	8.00E-01	5.80E+00	2.00E+01	
WS	2	L15445-01	7/15/2009	Se-75	-1.40E+00	2.10E+00	7.80E+00	
WS	2	L15445-01	7/15/2009	Zn-65	5.30E+00	8.60E+00	2.90E+01	
WS	2	L15445-01	7/15/2009	Zr-95	2.60E+00	3.70E+00	1.30E+01	
WS	2	L15461-03	7/22/2009	AcTh-228	-8.10E+00	5.80E+00	2.20E+01	
WS	2	L15461-03	7/22/2009	Ag-108m	0.00E+00	1.20E+00	4.20E+00	
WS	2	L15461-03	7/22/2009	Ag-110m	1.80E+00	2.00E+00	6.80E+00	
WS	2	L15461-03	7/22/2009	Ba-140	-4.00E-01	2.90E+00	1.10E+01	
WS	2	L15461-03	7/22/2009	Be-7	4.00E+00	1.10E+01	3.90E+01	
WS	2	L15461-03	7/22/2009	Ce-141	1.00E-01	2.50E+00	8.50E+00	
WS	2	L15461-03	7/22/2009	Ce-144	1.04E+01	8.30E+00	2.70E+01	
WS	2	L15461-03	7/22/2009	Co-57	-5.10E-01	9.80E-01	3.40E+00	
WS	2	L15461-03	7/22/2009	Co-58	5.00E-01	1.40E+00	4.90E+00	
WS	2	L15461-03	7/22/2009	Co-60	4.00E-01	1.50E+00	5.40E+00	
WS	2	L15461-03	7/22/2009	Cr-51	1.30E+01	1.30E+01	4.30E+01	
WS	2	L15461-03	7/22/2009	Cs-134	1.10E+00	1.30E+00	5.00E+00	
WS	2	L15461-03	7/22/2009	Cs-137	2.50E+00	1.40E+00	4.60E+00	
WS	2	L15461-03	7/22/2009	Fe-59	-5.00E-01	3.30E+00	1.20E+01	
WS	2	L15461-03	7/22/2009	H-3	3.30E+02	1.50E+02	4.30E+02	
WS	2	L15461-03	7/22/2009	I-131	2.10E+00	2.70E+00	9.20E+00	
WS	2	L15461-03	7/22/2009	K-40	1.68E+02	2.80E+01	7.40E+01	*
WS	2	L15461-03	7/22/2009	La-140	-4.00E-01	2.90E+00	1.10E+01	
WS	2	L15461-03	7/22/2009	Mn-54	1.40E+00	1.30E+00	4.50E+00	
WS	2	L15461-03	7/22/2009	Nb-95	2.70E+00	1.70E+00	5.60E+00	
WS	2	L15461-03	7/22/2009	Ru-103	-3.50E+00	1.60E+00	6.10E+00	
WS	2	L15461-03	7/22/2009	Ru-106	-1.20E+01	1.50E+01	5.30E+01	
WS	2	L15461-03	7/22/2009	Sb-124	0.00E+00	4.00E+00	1.50E+01	
WS	2	L15461-03	7/22/2009	Sb-125	-3.00E-01	3.90E+00	1.40E+01	
WS	2	L15461-03	7/22/2009	Se-75	1.80E+00	1.80E+00	6.10E+00	
WS	2	L15461-03	7/22/2009	Zn-65	-1.60E+00	3.30E+00	1.20E+01	
WS	2	L15461-03	7/22/2009	Zr-95	-5.00E-01	2.60E+00	9.30E+00	
WS	2	L15474-01	7/28/2009	AcTh-228	-6.90E+00	5.10E+00	1.90E+01	
WS	2	L15474-01	7/28/2009	Ag-108m	-7.00E-01	1.20E+00	4.10E+00	
WS	2	L15474-01	7/28/2009	Ag-110m	-6.00E-01	1.80E+00	6.60E+00	
WS	2	L15474-01	7/28/2009	Ba-140	-4.00E-01	2.50E+00	9.20E+00	
WS	2	L15474-01	7/28/2009	Be-7	7.00E+00	1.10E+01	3.70E+01	
WS	2	L15474-01	7/28/2009	Ce-141	-7.00E-01	2.20E+00	7.40E+00	
WS	2	L15474-01	7/28/2009	Ce-144	2.30E+00	7.40E+00	2.50E+01	
WS	2	L15474-01	7/28/2009	Co-57	1.84E+00	9.80E-01	3.20E+00	
WS	2	L15474-01	7/28/2009	Co-58	1.30E+00	1.40E+00	4.80E+00	
WS	2	L15474-01	7/28/2009	Co-60	-1.10E+00	1.50E+00	5.70E+00	
WS	2	L15474-01	7/28/2009	Cr-51	-3.00E+00	1.20E+01	4.20E+01	
WS	2	L15474-01	7/28/2009	Cs-134	1.00E+00	1.20E+00	5.00E+00	
WS	2	L15474-01	7/28/2009	Cs-137	2.60E+00	1.20E+00	3.90E+00	
WS	2	L15474-01	7/28/2009	Fe-59	3.00E+00	3.30E+00	1.10E+01	
WS	2	L15474-01	7/28/2009	H-3	-2.00E+02	1.50E+02	4.50E+02	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15474-01	7/28/2009	I-131	2.50E+00	2.60E+00	8.70E+00	
WS	2	L15474-01	7/28/2009	K-40	1.53E+02	2.70E+01	7.30E+01	*
WS	2	L15474-01	7/28/2009	La-140	-4.00E-01	2.50E+00	9.20E+00	
WS	2	L15474-01	7/28/2009	Mn-54	-1.90E+00	1.30E+00	4.90E+00	
WS	2	L15474-01	7/28/2009	Nb-95	1.30E+00	1.60E+00	5.60E+00	
WS	2	L15474-01	7/28/2009	Ru-103	-4.00E-01	1.60E+00	5.60E+00	
WS	2	L15474-01	7/28/2009	Ru-106	3.00E+00	1.30E+01	4.40E+01	
WS	2	L15474-01	7/28/2009	Sb-124	2.00E+00	2.90E+00	1.00E+01	
WS	2	L15474-01	7/28/2009	Sb-125	-3.20E+00	3.30E+00	1.20E+01	
WS	2	L15474-01	7/28/2009	Se-75	2.10E+00	1.60E+00	5.40E+00	
WS	2	L15474-01	7/28/2009	Zn-65	-3.80E+00	3.20E+00	1.20E+01	
WS	2	L15474-01	7/28/2009	Zr-95	1.70E+00	2.30E+00	7.80E+00	
WS	2	L15501-01	8/3/2009	AcTh-228	1.00E+01	7.40E+00	2.40E+01	
WS	2	L15501-01	8/3/2009	Ag-108m	2.00E-01	1.20E+00	4.20E+00	
WS	2	L15501-01	8/3/2009	Ag-110m	-4.90E+00	2.20E+00	8.90E+00	
WS	2	L15501-01	8/3/2009	Ba-140	1.60E+00	3.10E+00	1.10E+01	
WS	2	L15501-01	8/3/2009	Be-7	1.80E+01	1.30E+01	4.40E+01	
WS	2	L15501-01	8/3/2009	Ce-141	3.00E+00	1.90E+00	6.40E+00	
WS	2	L15501-01	8/3/2009	Ce-144	9.80E+00	7.30E+00	2.40E+01	
WS	2	L15501-01	8/3/2009	Co-57	2.70E-01	9.10E-01	3.10E+00	
WS	2	L15501-01	8/3/2009	Co-58	-2.00E-01	1.50E+00	5.40E+00	
WS	2	L15501-01	8/3/2009	Co-60	-7.00E-01	1.80E+00	6.90E+00	
WS	2	L15501-01	8/3/2009	Cr-51	-1.00E+01	1.40E+01	4.90E+01	
WS	2	L15501-01	8/3/2009	Cs-134	1.00E+00	1.10E+00	5.30E+00	
WS	2	L15501-01	8/3/2009	Cs-137	7.00E-01	1.70E+00	5.90E+00	
WS	2	L15501-01	8/3/2009	Fe-59	-4.50E+00	3.80E+00	1.50E+01	
WS	2	L15501-01	8/3/2009	H-3	-6.00E+01	1.50E+02	4.50E+02	
WS	2	L15501-01	8/3/2009	I-131	-5.00E-01	2.90E+00	1.00E+01	
WS	2	L15501-01	8/3/2009	K-40	8.40E+01	2.70E+01	8.30E+01	*
WS	2	L15501-01	8/3/2009	La-140	1.60E+00	3.10E+00	1.10E+01	
WS	2	L15501-01	8/3/2009	Mn-54	-2.00E-01	1.40E+00	5.10E+00	
WS	2	L15501-01	8/3/2009	Nb-95	-4.00E-01	1.70E+00	6.10E+00	
WS	2	L15501-01	8/3/2009	Ru-103	1.30E+00	1.60E+00	5.40E+00	
WS	2	L15501-01	8/3/2009	Ru-106	1.50E+01	1.40E+01	4.70E+01	
WS	2	L15501-01	8/3/2009	Sb-124	-5.90E+00	3.80E+00	1.60E+01	
WS	2	L15501-01	8/3/2009	Sb-125	2.60E+00	3.70E+00	1.30E+01	
WS	2	L15501-01	8/3/2009	Se-75	-4.00E-01	1.50E+00	5.20E+00	
WS	2	L15501-01	8/3/2009	Zn-65	0.00E+00	3.40E+00	1.20E+01	
WS	2	L15501-01	8/3/2009	Zr-95	-6.00E-01	2.60E+00	9.40E+00	
WS	2	L15523-01	8/11/2009	AcTh-228	-3.20E+00	8.30E+00	3.10E+01	
WS	2	L15523-01	8/11/2009	Ag-108m	1.30E+00	1.70E+00	5.70E+00	
WS	2	L15523-01	8/11/2009	Ag-110m	-3.50E+00	2.80E+00	1.10E+01	
WS	2	L15523-01	8/11/2009	Ba-140	0.00E+00	3.60E+00	1.40E+01	
WS	2	L15523-01	8/11/2009	Be-7	3.40E+01	1.40E+01	4.50E+01	
WS	2	L15523-01	8/11/2009	Ce-141	-5.00E-01	2.80E+00	9.80E+00	
WS	2	L15523-01	8/11/2009	Ce-144	5.00E+00	1.10E+01	3.70E+01	
WS	2	L15523-01	8/11/2009	Co-57	1.50E+00	1.30E+00	4.50E+00	
WS	2	L15523-01	8/11/2009	Co-58	-1.10E+00	1.90E+00	7.10E+00	
WS	2	L15523-01	8/11/2009	Co-60	0.00E+00	2.20E+00	8.10E+00	
WS	2	L15523-01	8/11/2009	Cr-51	3.40E+01	1.60E+01	5.30E+01	
WS	2	L15523-01	8/11/2009	Cs-134	4.00E-01	1.30E+00	6.40E+00	
WS	2	L15523-01	8/11/2009	Cs-137	3.30E+00	1.90E+00	6.10E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15523-01	8/11/2009	Fe-59	-1.80E+00	3.70E+00	1.40E+01	
WS	2	L15523-01	8/11/2009	H-3	-2.70E+02	1.50E+02	4.50E+02	
WS	2	L15523-01	8/11/2009	I-131	-5.00E+00	3.70E+00	1.40E+01	
WS	2	L15523-01	8/11/2009	K-40	2.13E+02	3.90E+01	9.80E+01	*
WS	2	L15523-01	8/11/2009	La-140	0.00E+00	3.60E+00	1.40E+01	
WS	2	L15523-01	8/11/2009	Mn-54	5.00E-01	1.60E+00	5.90E+00	
WS	2	L15523-01	8/11/2009	Nb-95	-1.50E+00	1.90E+00	7.40E+00	
WS	2	L15523-01	8/11/2009	Ru-103	-1.90E+00	2.10E+00	7.80E+00	
WS	2	L15523-01	8/11/2009	Ru-106	-9.00E+00	1.80E+01	6.60E+01	
WS	2	L15523-01	8/11/2009	Sb-124	5.90E+00	4.60E+00	1.60E+01	
WS	2	L15523-01	8/11/2009	Sb-125	-1.00E+00	4.90E+00	1.80E+01	
WS	2	L15523-01	8/11/2009	Se-75	-8.00E-01	2.10E+00	7.40E+00	
WS	2	L15523-01	8/11/2009	Zn-65	-5.20E+00	4.50E+00	1.80E+01	
WS	2	L15523-01	8/11/2009	Zr-95	-4.00E+00	3.50E+00	1.40E+01	
WS	2	L15550-01	8/18/2009	AcTh-228	-9.20E+00	6.60E+00	2.50E+01	
WS	2	L15550-01	8/18/2009	Ag-108m	-1.10E+00	1.40E+00	5.00E+00	
WS	2	L15550-01	8/18/2009	Ag-110m	-5.50E+00	2.20E+00	9.00E+00	
WS	2	L15550-01	8/18/2009	Ba-140	1.00E+00	2.60E+00	9.50E+00	
WS	2	L15550-01	8/18/2009	Be-7	-1.00E+00	1.30E+01	4.80E+01	
WS	2	L15550-01	8/18/2009	Ce-141	6.50E+00	2.60E+00	8.30E+00	
WS	2	L15550-01	8/18/2009	Ce-144	1.46E+01	9.30E+00	3.10E+01	
WS	2	L15550-01	8/18/2009	Co-57	-1.80E+00	1.10E+00	4.10E+00	
WS	2	L15550-01	8/18/2009	Co-58	-2.10E+00	1.60E+00	6.20E+00	
WS	2	L15550-01	8/18/2009	Co-60	2.80E+00	2.00E+00	6.60E+00	
WS	2	L15550-01	8/18/2009	Cr-51	-4.00E+00	1.50E+01	5.40E+01	
WS	2	L15550-01	8/18/2009	Cs-134	-1.70E+00	1.60E+00	7.30E+00	
WS	2	L15550-01	8/18/2009	Cs-137	1.00E+00	1.60E+00	5.60E+00	
WS	2	L15550-01	8/18/2009	Fe-59	-2.20E+00	3.20E+00	1.20E+01	
WS	2	L15550-01	8/18/2009	H-3	4.00E+01	1.10E+02	3.30E+02	
WS	2	L15550-01	8/18/2009	I-131	0.00E+00	3.00E+00	1.00E+01	
WS	2	L15550-01	8/18/2009	K-40	1.25E+02	3.20E+01	9.20E+01	*
WS	2	L15550-01	8/18/2009	La-140	1.00E+00	2.60E+00	9.50E+00	
WS	2	L15550-01	8/18/2009	Mn-54	4.00E-01	1.50E+00	5.30E+00	
WS	2	L15550-01	8/18/2009	Nb-95	5.00E-01	1.90E+00	6.80E+00	
WS	2	L15550-01	8/18/2009	Ru-103	9.00E-01	1.90E+00	6.60E+00	
WS	2	L15550-01	8/18/2009	Ru-106	-1.30E+01	1.60E+01	6.00E+01	
WS	2	L15550-01	8/18/2009	Sb-124	-7.50E+00	3.70E+00	1.60E+01	
WS	2	L15550-01	8/18/2009	Sb-125	-2.00E+00	4.00E+00	1.50E+01	
WS	2	L15550-01	8/18/2009	Se-75	-2.20E+00	2.00E+00	7.30E+00	
WS	2	L15550-01	8/18/2009	Zn-65	1.00E-01	4.20E+00	1.50E+01	
WS	2	L15550-01	8/18/2009	Zr-95	3.60E+00	3.10E+00	1.00E+01	
WS	2	L15584-01	8/26/2009	AcTh-228	1.68E+01	6.30E+00	1.90E+01	
WS	2	L15584-01	8/26/2009	Ag-108m	-6.00E-01	1.30E+00	4.90E+00	
WS	2	L15584-01	8/26/2009	Ag-110m	6.00E-01	2.30E+00	8.20E+00	
WS	2	L15584-01	8/26/2009	Ba-140	-1.70E+00	3.40E+00	1.30E+01	
WS	2	L15584-01	8/26/2009	Be-7	3.00E+00	1.30E+01	4.60E+01	
WS	2	L15584-01	8/26/2009	Ce-141	5.00E-01	1.90E+00	6.80E+00	
WS	2	L15584-01	8/26/2009	Ce-144	7.00E-01	8.80E+00	3.10E+01	
WS	2	L15584-01	8/26/2009	Co-57	-2.80E+00	1.20E+00	4.50E+00	
WS	2	L15584-01	8/26/2009	Co-58	2.00E+00	1.50E+00	5.10E+00	
WS	2	L15584-01	8/26/2009	Co-60	-1.50E+00	1.70E+00	6.80E+00	
WS	2	L15584-01	8/26/2009	Cr-51	8.00E+00	1.50E+01	5.00E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15584-01	8/26/2009	Cs-134	9.00E-01	1.50E+00	6.00E+00	
WS	2	L15584-01	8/26/2009	Cs-137	-3.00E-01	1.70E+00	6.20E+00	
WS	2	L15584-01	8/26/2009	Fe-59	4.10E+00	3.50E+00	1.20E+01	
WS	2	L15584-01	8/26/2009	H-3	-2.40E+02	1.30E+02	3.90E+02	
WS	2	L15584-01	8/26/2009	I-131	2.80E+00	2.90E+00	9.80E+00	
WS	2	L15584-01	8/26/2009	K-40	2.08E+02	3.40E+01	8.70E+01	*
WS	2	L15584-01	8/26/2009	La-140	-1.70E+00	3.40E+00	1.30E+01	
WS	2	L15584-01	8/26/2009	Mn-54	1.30E+00	1.70E+00	5.90E+00	
WS	2	L15584-01	8/26/2009	Nb-95	2.00E+00	1.90E+00	6.50E+00	
WS	2	L15584-01	8/26/2009	Ru-103	1.20E+00	1.80E+00	6.30E+00	
WS	2	L15584-01	8/26/2009	Ru-106	8.00E+00	1.60E+01	5.50E+01	
WS	2	L15584-01	8/26/2009	Sb-124	-7.20E+00	4.10E+00	1.80E+01	
WS	2	L15584-01	8/26/2009	Sb-125	-2.60E+00	4.30E+00	1.60E+01	
WS	2	L15584-01	8/26/2009	Se-75	-1.70E+00	2.00E+00	7.10E+00	
WS	2	L15584-01	8/26/2009	Zn-65	-6.80E+00	4.20E+00	1.70E+01	
WS	2	L15584-01	8/26/2009	Zr-95	4.00E-01	3.20E+00	1.20E+01	
WS	2	L15602-01	8/31/2009	AcTh-228	5.10E+00	8.00E+00	2.80E+01	
WS	2	L15602-01	8/31/2009	Ag-108m	1.20E+00	1.60E+00	5.40E+00	
WS	2	L15602-01	8/31/2009	Ag-110m	-3.20E+00	2.20E+00	8.90E+00	
WS	2	L15602-01	8/31/2009	Ba-140	-3.20E+00	3.70E+00	1.50E+01	
WS	2	L15602-01	8/31/2009	Be-7	-9.00E+00	1.40E+01	5.10E+01	
WS	2	L15602-01	8/31/2009	Ce-141	-7.00E+00	2.70E+00	9.90E+00	
WS	2	L15602-01	8/31/2009	Ce-144	1.26E+01	9.50E+00	3.10E+01	
WS	2	L15602-01	8/31/2009	Co-57	1.00E-01	1.10E+00	3.80E+00	
WS	2	L15602-01	8/31/2009	Co-58	1.30E+00	1.80E+00	6.30E+00	
WS	2	L15602-01	8/31/2009	Co-60	2.60E+00	1.90E+00	6.30E+00	
WS	2	L15602-01	8/31/2009	Cr-51	3.00E+00	1.50E+01	5.20E+01	
WS	2	L15602-01	8/31/2009	Cs-134	-3.00E-01	1.30E+00	5.60E+00	
WS	2	L15602-01	8/31/2009	Cs-137	1.50E+00	1.80E+00	6.40E+00	
WS	2	L15602-01	8/31/2009	Fe-59	-2.20E+00	3.50E+00	1.40E+01	
WS	2	L15602-01	8/31/2009	H-3	9.00E+01	1.40E+02	4.00E+02	
WS	2	L15602-01	8/31/2009	I-131	-4.00E-01	2.90E+00	1.00E+01	
WS	2	L15602-01	8/31/2009	K-40	1.10E+02	3.60E+01	1.10E+02	*
WS	2	L15602-01	8/31/2009	La-140	-3.20E+00	3.70E+00	1.50E+01	
WS	2	L15602-01	8/31/2009	Mn-54	1.40E+00	1.60E+00	5.60E+00	
WS	2	L15602-01	8/31/2009	Nb-95	-2.60E+00	2.10E+00	8.10E+00	
WS	2	L15602-01	8/31/2009	Ru-103	-4.00E+00	1.80E+00	7.20E+00	
WS	2	L15602-01	8/31/2009	Ru-106	-2.40E+01	1.70E+01	6.60E+01	
WS	2	L15602-01	8/31/2009	Sb-124	8.50E+00	4.10E+00	1.20E+01	
WS	2	L15602-01	8/31/2009	Sb-125	-4.00E-01	4.60E+00	1.60E+01	
WS	2	L15602-01	8/31/2009	Se-75	-7.00E-01	2.20E+00	7.60E+00	
WS	2	L15602-01	8/31/2009	Zn-65	-5.60E+00	3.70E+00	1.50E+01	
WS	2	L15602-01	8/31/2009	Zr-95	-4.20E+00	3.40E+00	1.30E+01	
WS	2	L15629-01	9/8/2009	AcTh-228	1.00E-01	7.00E+00	2.50E+01	
WS	2	L15629-01	9/8/2009	Ag-108m	-1.00E-01	1.50E+00	5.40E+00	
WS	2	L15629-01	9/8/2009	Ag-110m	5.00E-01	2.30E+00	8.30E+00	
WS	2	L15629-01	9/8/2009	Ba-140	2.00E+00	3.40E+00	1.20E+01	
WS	2	L15629-01	9/8/2009	Be-7	-1.00E+00	1.50E+01	5.30E+01	
WS	2	L15629-01	9/8/2009	Ce-141	-2.20E+00	2.20E+00	7.90E+00	
WS	2	L15629-01	9/8/2009	Ce-144	-6.10E+00	7.20E+00	2.60E+01	
WS	2	L15629-01	9/8/2009	Co-57	7.40E-01	9.50E-01	3.20E+00	
WS	2	L15629-01	9/8/2009	Co-58	4.30E+00	1.80E+00	5.40E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15629-01	9/8/2009	Co-60	-1.40E+00	2.00E+00	8.00E+00	
WS	2	L15629-01	9/8/2009	Cr-51	-1.20E+01	1.40E+01	5.20E+01	
WS	2	L15629-01	9/8/2009	Cs-134	1.20E+00	1.30E+00	6.10E+00	
WS	2	L15629-01	9/8/2009	Cs-137	-1.40E+00	2.20E+00	8.10E+00	
WS	2	L15629-01	9/8/2009	Fe-59	3.50E+00	3.90E+00	1.40E+01	
WS	2	L15629-01	9/8/2009	H-3	8.00E+01	1.50E+02	4.20E+02	
WS	2	L15629-01	9/8/2009	I-131	2.50E+00	3.00E+00	1.00E+01	
WS	2	L15629-01	9/8/2009	K-40	1.62E+02	3.70E+01	1.00E+02	*
WS	2	L15629-01	9/8/2009	La-140	2.00E+00	3.40E+00	1.20E+01	
WS	2	L15629-01	9/8/2009	Mn-54	-2.00E-01	1.60E+00	6.10E+00	
WS	2	L15629-01	9/8/2009	Nb-95	2.00E-01	2.30E+00	8.10E+00	
WS	2	L15629-01	9/8/2009	Ru-103	4.00E-01	2.10E+00	7.20E+00	
WS	2	L15629-01	9/8/2009	Ru-106	2.00E+00	1.60E+01	5.90E+01	
WS	2	L15629-01	9/8/2009	Sb-124	-9.00E-01	5.10E+00	2.00E+01	
WS	2	L15629-01	9/8/2009	Sb-125	-9.00E-01	4.60E+00	1.60E+01	
WS	2	L15629-01	9/8/2009	Se-75	2.30E+00	1.80E+00	6.00E+00	
WS	2	L15629-01	9/8/2009	Zn-65	-8.80E+00	4.20E+00	1.70E+01	
WS	2	L15629-01	9/8/2009	Zr-95	5.10E+00	3.70E+00	1.20E+01	
WS	2	L15653-01	9/14/2009	AcTh-228	1.24E+01	7.70E+00	2.50E+01	
WS	2	L15653-01	9/14/2009	Ag-108m	1.70E+00	1.50E+00	5.20E+00	
WS	2	L15653-01	9/14/2009	Ag-110m	8.00E-01	2.40E+00	8.60E+00	
WS	2	L15653-01	9/14/2009	Ba-140	-2.10E+00	3.20E+00	1.30E+01	
WS	2	L15653-01	9/14/2009	Be-7	-8.00E+00	1.70E+01	6.10E+01	
WS	2	L15653-01	9/14/2009	Ce-141	-6.70E+00	4.60E+00	1.70E+01	
WS	2	L15653-01	9/14/2009	Ce-144	-1.90E+01	1.10E+01	4.00E+01	
WS	2	L15653-01	9/14/2009	Co-57	-1.40E+00	1.40E+00	4.90E+00	
WS	2	L15653-01	9/14/2009	Co-58	3.80E+00	2.00E+00	6.30E+00	
WS	2	L15653-01	9/14/2009	Co-60	1.10E+00	1.70E+00	6.10E+00	
WS	2	L15653-01	9/14/2009	Cr-51	-2.50E+01	1.60E+01	6.10E+01	
WS	2	L15653-01	9/14/2009	Cs-134	-1.00E+00	1.40E+00	6.80E+00	
WS	2	L15653-01	9/14/2009	Cs-137	0.00E+00	2.00E+00	7.30E+00	
WS	2	L15653-01	9/14/2009	Fe-59	1.00E-01	3.80E+00	1.40E+01	
WS	2	L15653-01	9/14/2009	H-3	2.50E+02	1.40E+02	4.10E+02	
WS	2	L15653-01	9/14/2009	I-131	-1.10E+00	3.60E+00	1.30E+01	
WS	2	L15653-01	9/14/2009	K-40	2.39E+02	3.80E+01	9.00E+01	*
WS	2	L15653-01	9/14/2009	La-140	-2.10E+00	3.20E+00	1.30E+01	
WS	2	L15653-01	9/14/2009	Mn-54	-1.00E+00	1.90E+00	7.10E+00	
WS	2	L15653-01	9/14/2009	Nb-95	-1.10E+00	2.50E+00	9.10E+00	
WS	2	L15653-01	9/14/2009	Ru-103	-9.00E-01	2.10E+00	7.60E+00	
WS	2	L15653-01	9/14/2009	Ru-106	-2.00E+00	1.80E+01	6.50E+01	
WS	2	L15653-01	9/14/2009	Sb-124	3.90E+00	4.60E+00	1.60E+01	
WS	2	L15653-01	9/14/2009	Sb-125	3.70E+00	4.70E+00	1.60E+01	
WS	2	L15653-01	9/14/2009	Se-75	6.00E-01	2.20E+00	7.60E+00	
WS	2	L15653-01	9/14/2009	Zn-65	9.00E-01	4.60E+00	1.70E+01	
WS	2	L15653-01	9/14/2009	Zr-95	-4.70E+00	3.60E+00	1.40E+01	
WS	2	L15676-01	9/21/2009	AcTh-228	6.10E+00	4.40E+00	1.50E+01	
WS	2	L15676-01	9/21/2009	Ag-108m	-1.07E+00	8.60E-01	3.10E+00	
WS	2	L15676-01	9/21/2009	Ag-110m	2.20E+00	1.50E+00	5.10E+00	
WS	2	L15676-01	9/21/2009	Ba-140	4.60E+00	3.30E+00	1.10E+01	
WS	2	L15676-01	9/21/2009	Be-7	-2.40E+00	9.60E+00	3.40E+01	
WS	2	L15676-01	9/21/2009	Ce-141	-4.00E+00	1.70E+00	6.10E+00	
WS	2	L15676-01	9/21/2009	Ce-144	1.60E+00	5.00E+00	1.70E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15676-01	9/21/2009	Co-57	-5.70E-01	6.30E-01	2.20E+00	
WS	2	L15676-01	9/21/2009	Co-58	-6.00E-01	1.20E+00	4.10E+00	
WS	2	L15676-01	9/21/2009	Co-60	-8.00E-01	1.30E+00	4.80E+00	
WS	2	L15676-01	9/21/2009	Cr-51	1.60E+00	9.50E+00	3.20E+01	
WS	2	L15676-01	9/21/2009	Cs-134	2.20E-01	8.10E-01	3.90E+00	
WS	2	L15676-01	9/21/2009	Cs-137	9.00E-01	1.10E+00	3.80E+00	
WS	2	L15676-01	9/21/2009	Fe-59	-9.00E-01	2.80E+00	9.90E+00	
WS	2	L15676-01	9/21/2009	H-3	-1.10E+02	1.50E+02	4.30E+02	
WS	2	L15676-01	9/21/2009	I-131	-2.00E-01	3.10E+00	1.10E+01	
WS	2	L15676-01	9/21/2009	K-40	2.59E+02	2.60E+01	6.50E+01	*
WS	2	L15676-01	9/21/2009	La-140	4.60E+00	3.30E+00	1.10E+01	
WS	2	L15676-01	9/21/2009	Mn-54	-4.00E-01	1.10E+00	4.00E+00	
WS	2	L15676-01	9/21/2009	Nb-95	2.70E+00	1.40E+00	4.40E+00	
WS	2	L15676-01	9/21/2009	Ru-103	-8.00E-01	1.20E+00	4.20E+00	
WS	2	L15676-01	9/21/2009	Ru-106	5.00E+00	1.00E+01	3.40E+01	
WS	2	L15676-01	9/21/2009	Sb-124	-2.90E+00	3.30E+00	1.20E+01	
WS	2	L15676-01	9/21/2009	Sb-125	-5.00E-01	2.60E+00	9.10E+00	
WS	2	L15676-01	9/21/2009	Se-75	1.10E+00	1.10E+00	3.80E+00	
WS	2	L15676-01	9/21/2009	Zn-65	-2.30E+00	2.80E+00	1.00E+01	
WS	2	L15676-01	9/21/2009	Zr-95	-2.00E-01	1.90E+00	6.70E+00	
WS	2	L15709-01	9/28/2009	AcTh-228	1.02E+01	5.60E+00	1.80E+01	
WS	2	L15709-01	9/28/2009	Ag-108m	-7.00E-01	1.40E+00	5.00E+00	
WS	2	L15709-01	9/28/2009	Ag-110m	0.00E+00	2.00E+00	7.30E+00	
WS	2	L15709-01	9/28/2009	Ba-140	-5.20E+00	3.30E+00	1.30E+01	
WS	2	L15709-01	9/28/2009	Be-7	-4.00E+00	1.40E+01	4.80E+01	
WS	2	L15709-01	9/28/2009	Ce-141	-2.00E+00	2.40E+00	8.20E+00	
WS	2	L15709-01	9/28/2009	Ce-144	5.20E+00	8.80E+00	3.00E+01	
WS	2	L15709-01	9/28/2009	Co-57	-4.20E-01	9.70E-01	3.40E+00	
WS	2	L15709-01	9/28/2009	Co-58	-8.00E-01	1.70E+00	6.00E+00	
WS	2	L15709-01	9/28/2009	Co-60	2.10E+00	1.70E+00	5.70E+00	
WS	2	L15709-01	9/28/2009	Cr-51	2.00E+00	1.40E+01	4.90E+01	
WS	2	L15709-01	9/28/2009	Cs-134	2.30E+00	1.60E+00	5.40E+00	
WS	2	L15709-01	9/28/2009	Cs-137	-2.00E+00	1.70E+00	6.30E+00	
WS	2	L15709-01	9/28/2009	Fe-59	-6.00E+00	3.80E+00	1.50E+01	
WS	2	L15709-01	9/28/2009	H-3	2.00E+01	1.50E+02	4.20E+02	
WS	2	L15709-01	9/28/2009	I-131	1.50E+00	2.90E+00	9.90E+00	
WS	2	L15709-01	9/28/2009	K-40	2.04E+02	3.30E+01	9.00E+01	*
WS	2	L15709-01	9/28/2009	La-140	-5.20E+00	3.30E+00	1.30E+01	
WS	2	L15709-01	9/28/2009	Mn-54	6.00E-01	1.60E+00	5.50E+00	
WS	2	L15709-01	9/28/2009	Nb-95	-4.00E+00	2.00E+00	7.60E+00	
WS	2	L15709-01	9/28/2009	Ru-103	-1.50E+00	1.70E+00	6.10E+00	
WS	2	L15709-01	9/28/2009	Ru-106	-1.30E+01	1.50E+01	5.30E+01	
WS	2	L15709-01	9/28/2009	Sb-124	3.00E+00	3.70E+00	1.30E+01	
WS	2	L15709-01	9/28/2009	Sb-125	-2.80E+00	4.40E+00	1.60E+01	
WS	2	L15709-01	9/28/2009	Se-75	4.30E+00	1.80E+00	5.60E+00	
WS	2	L15709-01	9/28/2009	Zn-65	-1.60E+00	3.80E+00	1.40E+01	
WS	2	L15709-01	9/28/2009	Zr-95	2.00E+00	2.90E+00	9.80E+00	
WS	2	L15737-01	10/6/2009	AcTh-228	8.00E+00	6.50E+00	2.20E+01	
WS	2	L15737-01	10/6/2009	Ag-108m	-1.60E+00	1.50E+00	5.40E+00	
WS	2	L15737-01	10/6/2009	Ag-110m	-3.10E+00	2.50E+00	9.50E+00	
WS	2	L15737-01	10/6/2009	Ba-140	2.60E+00	3.20E+00	1.10E+01	
WS	2	L15737-01	10/6/2009	Be-7	-5.00E+00	1.30E+01	4.80E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15737-01	10/6/2009	Ce-141	-4.10E+00	4.40E+00	1.50E+01	
WS	2	L15737-01	10/6/2009	Ce-144	1.80E+01	1.00E+01	3.30E+01	
WS	2	L15737-01	10/6/2009	Co-57	1.50E+00	1.30E+00	4.20E+00	
WS	2	L15737-01	10/6/2009	Co-58	8.00E-01	1.80E+00	6.20E+00	
WS	2	L15737-01	10/6/2009	Co-60	1.50E+00	1.60E+00	5.40E+00	
WS	2	L15737-01	10/6/2009	Cr-51	2.50E+01	1.70E+01	5.50E+01	
WS	2	L15737-01	10/6/2009	Cs-134	3.30E+00	1.80E+00	6.10E+00	
WS	2	L15737-01	10/6/2009	Cs-137	-9.00E-01	1.80E+00	6.40E+00	
WS	2	L15737-01	10/6/2009	Fe-59	-2.30E+00	4.30E+00	1.60E+01	
WS	2	L15737-01	10/6/2009	H-3	8.00E+01	1.20E+02	3.90E+02	
WS	2	L15737-01	10/6/2009	I-131	1.40E+00	3.50E+00	1.20E+01	
WS	2	L15737-01	10/6/2009	K-40	2.19E+02	3.50E+01	9.20E+01	*
WS	2	L15737-01	10/6/2009	La-140	2.60E+00	3.20E+00	1.10E+01	
WS	2	L15737-01	10/6/2009	Mn-54	-3.20E+00	1.80E+00	6.70E+00	
WS	2	L15737-01	10/6/2009	Nb-95	6.10E+00	3.10E+00	1.00E+01	
WS	2	L15737-01	10/6/2009	Ru-103	4.00E+00	2.00E+00	6.60E+00	
WS	2	L15737-01	10/6/2009	Ru-106	-2.10E+01	1.60E+01	6.10E+01	
WS	2	L15737-01	10/6/2009	Sb-124	-7.00E-01	4.10E+00	1.60E+01	
WS	2	L15737-01	10/6/2009	Sb-125	3.20E+00	4.50E+00	1.60E+01	
WS	2	L15737-01	10/6/2009	Se-75	2.00E+00	2.10E+00	6.90E+00	
WS	2	L15737-01	10/6/2009	Zn-65	8.30E+00	8.30E+00	2.80E+01	
WS	2	L15737-01	10/6/2009	Zr-95	1.60E+00	3.10E+00	1.10E+01	
WS	2	L15756-01	10/12/2009	AcTh-228	-9.00E-01	8.50E+00	3.00E+01	
WS	2	L15756-01	10/12/2009	Ag-108m	0.00E+00	1.60E+00	5.60E+00	
WS	2	L15756-01	10/12/2009	Ag-110m	2.00E-01	2.40E+00	8.80E+00	
WS	2	L15756-01	10/12/2009	Ba-140	-7.10E+00	3.10E+00	1.40E+01	
WS	2	L15756-01	10/12/2009	Be-7	-1.20E+01	1.60E+01	5.70E+01	
WS	2	L15756-01	10/12/2009	Ce-141	-5.60E+00	2.90E+00	1.00E+01	
WS	2	L15756-01	10/12/2009	Ce-144	3.00E+00	1.10E+01	3.70E+01	
WS	2	L15756-01	10/12/2009	Co-57	-8.00E-01	1.20E+00	4.20E+00	
WS	2	L15756-01	10/12/2009	Co-58	-2.20E+00	2.00E+00	7.70E+00	
WS	2	L15756-01	10/12/2009	Co-60	0.00E+00	1.90E+00	7.00E+00	
WS	2	L15756-01	10/12/2009	Cr-51	6.00E+00	1.60E+01	5.50E+01	
WS	2	L15756-01	10/12/2009	Cs-134	0.00E+00	1.20E+00	5.80E+00	
WS	2	L15756-01	10/12/2009	Cs-137	-2.90E+00	1.80E+00	7.10E+00	
WS	2	L15756-01	10/12/2009	Fe-59	-4.80E+00	4.30E+00	1.60E+01	
WS	2	L15756-01	10/12/2009	H-3	1.10E+02	1.30E+02	3.90E+02	
WS	2	L15756-01	10/12/2009	I-131	3.10E+00	3.10E+00	1.10E+01	
WS	2	L15756-01	10/12/2009	K-40	2.19E+02	3.80E+01	1.00E+02	*
WS	2	L15756-01	10/12/2009	La-140	-7.10E+00	3.10E+00	1.40E+01	
WS	2	L15756-01	10/12/2009	Mn-54	2.60E+00	2.10E+00	6.90E+00	
WS	2	L15756-01	10/12/2009	Nb-95	-3.80E+00	2.40E+00	9.10E+00	
WS	2	L15756-01	10/12/2009	Ru-103	-1.80E+00	1.80E+00	6.80E+00	
WS	2	L15756-01	10/12/2009	Ru-106	-1.60E+01	1.60E+01	6.00E+01	
WS	2	L15756-01	10/12/2009	Sb-124	-2.10E+00	4.10E+00	1.60E+01	
WS	2	L15756-01	10/12/2009	Sb-125	1.30E+00	4.70E+00	1.60E+01	
WS	2	L15756-01	10/12/2009	Se-75	-9.00E-01	2.20E+00	7.70E+00	
WS	2	L15756-01	10/12/2009	Zn-65	2.20E+00	5.60E+00	1.90E+01	
WS	2	L15756-01	10/12/2009	Zr-95	1.00E-01	3.70E+00	1.30E+01	
WS	2	L15811-01	10/22/2009	AcTh-228	8.00E+00	7.00E+00	2.40E+01	
WS	2	L15811-01	10/22/2009	Ag-108m	9.00E-01	1.50E+00	5.40E+00	
WS	2	L15811-01	10/22/2009	Ag-110m	-2.00E-01	2.50E+00	9.00E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15811-01	10/22/2009	Ba-140	3.50E+00	3.30E+00	1.10E+01	
WS	2	L15811-01	10/22/2009	Be-7	2.00E+00	1.60E+01	5.60E+01	
WS	2	L15811-01	10/22/2009	Ce-141	-5.40E+00	2.70E+00	9.90E+00	
WS	2	L15811-01	10/22/2009	Ce-144	1.10E+01	1.10E+01	3.60E+01	
WS	2	L15811-01	10/22/2009	Co-57	1.20E+00	1.10E+00	3.80E+00	
WS	2	L15811-01	10/22/2009	Co-58	3.50E+00	2.10E+00	6.80E+00	
WS	2	L15811-01	10/22/2009	Co-60	-1.00E+00	1.90E+00	7.40E+00	
WS	2	L15811-01	10/22/2009	Cr-51	7.00E+00	1.40E+01	4.90E+01	
WS	2	L15811-01	10/22/2009	Cs-134	3.00E-01	1.30E+00	6.00E+00	
WS	2	L15811-01	10/22/2009	Cs-137	-3.70E+00	1.70E+00	7.00E+00	
WS	2	L15811-01	10/22/2009	Fe-59	-1.70E+00	3.80E+00	1.40E+01	
WS	2	L15811-01	10/22/2009	H-3	1.40E+02	1.20E+02	3.90E+02	
WS	2	L15811-01	10/22/2009	I-131	5.30E+00	3.30E+00	1.10E+01	
WS	2	L15811-01	10/22/2009	K-40	2.23E+02	3.80E+01	9.70E+01	*
WS	2	L15811-01	10/22/2009	La-140	3.50E+00	3.30E+00	1.10E+01	
WS	2	L15811-01	10/22/2009	Mn-54	1.00E-01	1.80E+00	6.60E+00	
WS	2	L15811-01	10/22/2009	Nb-95	1.20E+00	2.70E+00	9.20E+00	
WS	2	L15811-01	10/22/2009	Ru-103	2.00E-01	2.00E+00	7.00E+00	
WS	2	L15811-01	10/22/2009	Ru-106	-1.60E+01	1.50E+01	5.70E+01	
WS	2	L15811-01	10/22/2009	Sb-124	-1.40E+00	4.10E+00	1.60E+01	
WS	2	L15811-01	10/22/2009	Sb-125	7.10E+00	4.60E+00	1.50E+01	
WS	2	L15811-01	10/22/2009	Se-75	2.70E+00	2.20E+00	7.20E+00	
WS	2	L15811-01	10/22/2009	Zn-65	1.04E+01	7.40E+00	2.50E+01	
WS	2	L15811-01	10/22/2009	Zr-95	5.50E+00	3.20E+00	1.10E+01	
WS	2	L15825-01	10/27/2009	AcTh-228	-3.40E+00	6.90E+00	2.50E+01	
WS	2	L15825-01	10/27/2009	Ag-108m	1.40E+00	1.50E+00	5.20E+00	
WS	2	L15825-01	10/27/2009	Ag-110m	-5.30E+00	2.70E+00	1.10E+01	
WS	2	L15825-01	10/27/2009	Ba-140	-3.90E+00	3.50E+00	1.40E+01	
WS	2	L15825-01	10/27/2009	Be-7	1.70E+01	1.50E+01	5.10E+01	
WS	2	L15825-01	10/27/2009	Ce-141	-5.00E-01	2.10E+00	7.50E+00	
WS	2	L15825-01	10/27/2009	Ce-144	-1.31E+01	9.80E+00	3.50E+01	
WS	2	L15825-01	10/27/2009	Co-57	-5.00E-01	1.30E+00	4.50E+00	
WS	2	L15825-01	10/27/2009	Co-58	-1.50E+00	1.80E+00	6.70E+00	
WS	2	L15825-01	10/27/2009	Co-60	2.00E+00	1.70E+00	5.90E+00	
WS	2	L15825-01	10/27/2009	Cr-51	-2.10E+01	1.60E+01	5.90E+01	
WS	2	L15825-01	10/27/2009	Cs-134	3.00E+00	2.00E+00	6.60E+00	
WS	2	L15825-01	10/27/2009	Cs-137	-1.90E+00	1.70E+00	6.60E+00	
WS	2	L15825-01	10/27/2009	Fe-59	-8.00E-01	3.80E+00	1.40E+01	
WS	2	L15825-01	10/27/2009	H-3	-3.00E+01	1.40E+02	4.20E+02	
WS	2	L15825-01	10/27/2009	I-131	2.60E+00	3.30E+00	1.10E+01	
WS	2	L15825-01	10/27/2009	K-40	1.66E+02	3.40E+01	9.50E+01	*
WS	2	L15825-01	10/27/2009	La-140	-3.90E+00	3.50E+00	1.40E+01	
WS	2	L15825-01	10/27/2009	Mn-54	6.00E-01	1.70E+00	5.90E+00	
WS	2	L15825-01	10/27/2009	Nb-95	2.40E+00	2.10E+00	7.00E+00	
WS	2	L15825-01	10/27/2009	Ru-103	-2.60E+00	2.10E+00	7.60E+00	
WS	2	L15825-01	10/27/2009	Ru-106	-1.30E+01	1.40E+01	5.40E+01	
WS	2	L15825-01	10/27/2009	Sb-124	1.06E+01	4.10E+00	1.20E+01	
WS	2	L15825-01	10/27/2009	Sb-125	-4.90E+00	5.10E+00	1.90E+01	
WS	2	L15825-01	10/27/2009	Se-75	-3.00E+00	2.10E+00	7.50E+00	
WS	2	L15825-01	10/27/2009	Zn-65	1.25E+01	6.50E+00	2.10E+01	
WS	2	L15825-01	10/27/2009	Zr-95	7.00E-01	3.00E+00	1.10E+01	
WS	2	L15863-01	11/4/2009	AcTh-228	-7.00E-01	5.20E+00	1.90E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15863-01	11/4/2009	Ag-108m	1.00E+00	1.10E+00	3.70E+00	
WS	2	L15863-01	11/4/2009	Ag-110m	9.00E-01	1.70E+00	6.00E+00	
WS	2	L15863-01	11/4/2009	Ba-140	2.10E+00	2.80E+00	9.70E+00	
WS	2	L15863-01	11/4/2009	Be-7	-1.00E+00	1.30E+01	4.50E+01	
WS	2	L15863-01	11/4/2009	Ce-141	3.00E+00	2.40E+00	8.00E+00	
WS	2	L15863-01	11/4/2009	Ce-144	-1.57E+01	8.00E+00	2.90E+01	
WS	2	L15863-01	11/4/2009	Co-57	-2.00E-01	1.00E+00	3.50E+00	
WS	2	L15863-01	11/4/2009	Co-58	6.00E-01	1.30E+00	4.40E+00	
WS	2	L15863-01	11/4/2009	Co-60	1.10E+00	1.30E+00	4.40E+00	
WS	2	L15863-01	11/4/2009	Cr-51	-7.00E+00	1.50E+01	5.10E+01	
WS	2	L15863-01	11/4/2009	Cs-134	-2.40E+00	1.20E+00	5.40E+00	
WS	2	L15863-01	11/4/2009	Cs-137	-9.00E-01	1.50E+00	5.50E+00	
WS	2	L15863-01	11/4/2009	Fe-59	1.60E+00	2.70E+00	9.30E+00	
WS	2	L15863-01	11/4/2009	H-3	-9.00E+01	1.30E+02	4.10E+02	
WS	2	L15863-01	11/4/2009	I-131	5.30E+00	3.90E+00	1.30E+01	
WS	2	L15863-01	11/4/2009	K-40	2.07E+02	2.60E+01	6.60E+01	*
WS	2	L15863-01	11/4/2009	La-140	2.10E+00	2.80E+00	9.70E+00	
WS	2	L15863-01	11/4/2009	Mn-54	-7.00E-01	1.30E+00	4.70E+00	
WS	2	L15863-01	11/4/2009	Nb-95	-2.60E+00	1.70E+00	6.20E+00	
WS	2	L15863-01	11/4/2009	Ru-103	-2.30E+00	1.60E+00	5.90E+00	
WS	2	L15863-01	11/4/2009	Ru-106	5.00E+00	1.30E+01	4.60E+01	
WS	2	L15863-01	11/4/2009	Sb-124	1.40E+00	3.20E+00	1.10E+01	
WS	2	L15863-01	11/4/2009	Sb-125	-4.20E+00	3.50E+00	1.30E+01	
WS	2	L15863-01	11/4/2009	Se-75	-2.00E-01	1.80E+00	6.10E+00	
WS	2	L15863-01	11/4/2009	Zn-65	-3.00E+00	2.70E+00	1.00E+01	
WS	2	L15863-01	11/4/2009	Zr-95	-4.00E-01	2.30E+00	8.20E+00	
WS	2	L15879-01	11/9/2009	AcTh-228	1.20E+00	6.30E+00	2.20E+01	
WS	2	L15879-01	11/9/2009	Ag-108m	-7.00E-01	1.40E+00	5.10E+00	
WS	2	L15879-01	11/9/2009	Ag-110m	-7.00E-01	1.90E+00	7.20E+00	
WS	2	L15879-01	11/9/2009	Ba-140	-2.60E+00	3.10E+00	1.20E+01	
WS	2	L15879-01	11/9/2009	Be-7	-6.00E+00	1.40E+01	4.90E+01	
WS	2	L15879-01	11/9/2009	Ce-141	-4.20E+00	2.50E+00	8.80E+00	
WS	2	L15879-01	11/9/2009	Ce-144	-3.90E+00	9.10E+00	3.20E+01	
WS	2	L15879-01	11/9/2009	Co-57	4.00E-01	1.20E+00	4.00E+00	
WS	2	L15879-01	11/9/2009	Co-58	-3.40E+00	1.40E+00	5.70E+00	
WS	2	L15879-01	11/9/2009	Co-60	2.30E+00	1.40E+00	4.70E+00	
WS	2	L15879-01	11/9/2009	Cr-51	-1.30E+01	1.50E+01	5.30E+01	
WS	2	L15879-01	11/9/2009	Cs-134	-5.00E-01	1.40E+00	6.00E+00	
WS	2	L15879-01	11/9/2009	Cs-137	2.00E-01	1.60E+00	5.70E+00	
WS	2	L15879-01	11/9/2009	Fe-59	-1.20E+00	3.20E+00	1.20E+01	
WS	2	L15879-01	11/9/2009	H-3	-1.20E+02	1.30E+02	4.10E+02	
WS	2	L15879-01	11/9/2009	I-131	2.90E+00	3.30E+00	1.10E+01	
WS	2	L15879-01	11/9/2009	K-40	1.75E+02	2.90E+01	7.50E+01	*
WS	2	L15879-01	11/9/2009	La-140	-2.60E+00	3.10E+00	1.20E+01	
WS	2	L15879-01	11/9/2009	Mn-54	1.30E+00	1.40E+00	4.90E+00	
WS	2	L15879-01	11/9/2009	Nb-95	-2.10E+00	1.60E+00	6.20E+00	
WS	2	L15879-01	11/9/2009	Ru-103	-9.00E-01	1.90E+00	6.80E+00	
WS	2	L15879-01	11/9/2009	Ru-106	4.00E+00	1.40E+01	5.10E+01	
WS	2	L15879-01	11/9/2009	Sb-124	1.80E+00	3.40E+00	1.20E+01	
WS	2	L15879-01	11/9/2009	Sb-125	-5.50E+00	4.40E+00	1.60E+01	
WS	2	L15879-01	11/9/2009	Se-75	-2.20E+00	2.20E+00	7.70E+00	
WS	2	L15879-01	11/9/2009	Zn-65	1.60E+00	3.50E+00	1.20E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	2	L15879-01	11/9/2009	Zr-95	-3.30E+00	2.40E+00	9.50E+00	
WS	51	L14844-02	1/23/2009	AcTh-228	6.50E+00	5.20E+00	1.80E+01	
WS	51	L14844-02	1/23/2009	Ag-108m	-2.00E+00	1.20E+00	4.40E+00	
WS	51	L14844-02	1/23/2009	Ag-110m	7.00E-01	2.10E+00	7.20E+00	
WS	51	L14844-02	1/23/2009	Ba-140	5.40E+00	3.30E+00	1.10E+01	
WS	51	L14844-02	1/23/2009	Be-7	-5.00E+00	1.20E+01	4.20E+01	
WS	51	L14844-02	1/23/2009	Ce-141	-1.20E+00	2.40E+00	8.40E+00	
WS	51	L14844-02	1/23/2009	Ce-144	-9.00E+00	8.50E+00	3.00E+01	
WS	51	L14844-02	1/23/2009	Co-57	-1.00E+00	1.10E+00	3.70E+00	
WS	51	L14844-02	1/23/2009	Co-58	-1.00E+00	1.50E+00	5.50E+00	
WS	51	L14844-02	1/23/2009	Co-60	-5.00E-01	1.50E+00	5.40E+00	
WS	51	L14844-02	1/23/2009	Cr-51	6.00E+00	1.40E+01	4.60E+01	
WS	51	L14844-02	1/23/2009	Cs-134	3.00E-01	1.60E+00	5.70E+00	
WS	51	L14844-02	1/23/2009	Cs-137	4.00E-01	1.40E+00	4.90E+00	
WS	51	L14844-02	1/23/2009	Fe-59	2.50E+00	3.10E+00	1.10E+01	
WS	51	L14844-02	1/23/2009	I-131	5.00E-01	3.90E+00	1.30E+01	
WS	51	L14844-02	1/23/2009	K-40	3.14E+02	3.00E+01	6.60E+01	*
WS	51	L14844-02	1/23/2009	La-140	5.40E+00	3.30E+00	1.10E+01	
WS	51	L14844-02	1/23/2009	Mn-54	1.30E+00	1.40E+00	4.70E+00	
WS	51	L14844-02	1/23/2009	Nb-95	3.40E+00	2.20E+00	7.30E+00	
WS	51	L14844-02	1/23/2009	Ru-103	1.00E+00	1.60E+00	5.60E+00	
WS	51	L14844-02	1/23/2009	Ru-106	-2.00E+00	1.30E+01	4.40E+01	
WS	51	L14844-02	1/23/2009	Sb-124	-5.00E-01	3.10E+00	1.20E+01	
WS	51	L14844-02	1/23/2009	Sb-125	5.20E+00	3.70E+00	1.20E+01	
WS	51	L14844-02	1/23/2009	Se-75	-6.00E-01	1.70E+00	5.90E+00	
WS	51	L14844-02	1/23/2009	Zn-65	1.07E+01	5.90E+00	1.90E+01	
WS	51	L14844-02	1/23/2009	Zr-95	-2.10E+00	2.40E+00	9.00E+00	
WS	51	L14946-02	2/26/2009	AcTh-228	7.00E-01	7.00E+00	2.40E+01	
WS	51	L14946-02	2/26/2009	Ag-108m	1.70E+00	1.10E+00	3.50E+00	
WS	51	L14946-02	2/26/2009	Ag-110m	-2.70E+00	1.90E+00	7.20E+00	
WS	51	L14946-02	2/26/2009	Ba-140	1.90E+00	3.50E+00	1.20E+01	
WS	51	L14946-02	2/26/2009	Be-7	8.00E+00	1.10E+01	3.70E+01	
WS	51	L14946-02	2/26/2009	Ce-141	-1.00E-01	2.00E+00	6.70E+00	
WS	51	L14946-02	2/26/2009	Ce-144	-1.90E+00	6.40E+00	2.20E+01	
WS	51	L14946-02	2/26/2009	Co-57	1.36E+00	8.40E-01	2.80E+00	
WS	51	L14946-02	2/26/2009	Co-58	-5.00E-01	1.30E+00	4.80E+00	
WS	51	L14946-02	2/26/2009	Co-60	2.40E+00	1.60E+00	5.40E+00	
WS	51	L14946-02	2/26/2009	Cr-51	3.00E+00	1.30E+01	4.30E+01	
WS	51	L14946-02	2/26/2009	Cs-134	-7.60E-01	9.50E-01	4.80E+00	
WS	51	L14946-02	2/26/2009	Cs-137	-6.00E-01	1.60E+00	5.60E+00	
WS	51	L14946-02	2/26/2009	Fe-59	3.00E+00	3.30E+00	1.10E+01	
WS	51	L14946-02	2/26/2009	I-131	2.80E+00	3.10E+00	1.00E+01	
WS	51	L14946-02	2/26/2009	K-40	2.26E+02	3.20E+01	8.30E+01	*
WS	51	L14946-02	2/26/2009	La-140	1.90E+00	3.50E+00	1.20E+01	
WS	51	L14946-02	2/26/2009	Mn-54	1.00E-01	1.40E+00	4.90E+00	
WS	51	L14946-02	2/26/2009	Nb-95	-2.50E+00	1.80E+00	6.60E+00	
WS	51	L14946-02	2/26/2009	Ru-103	-2.30E+00	1.60E+00	5.70E+00	
WS	51	L14946-02	2/26/2009	Ru-106	-1.00E+00	1.40E+01	4.90E+01	
WS	51	L14946-02	2/26/2009	Sb-124	-2.40E+00	3.90E+00	1.50E+01	
WS	51	L14946-02	2/26/2009	Sb-125	2.10E+00	3.20E+00	1.10E+01	
WS	51	L14946-02	2/26/2009	Se-75	-8.00E-01	1.40E+00	4.80E+00	
WS	51	L14946-02	2/26/2009	Zn-65	-2.90E+00	3.70E+00	1.40E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	51	L14946-02	2/26/2009	Zr-95	2.80E+00	2.30E+00	7.60E+00	
WS	51	L15028-02	3/30/2009	AcTh-228	-5.60E+00	6.30E+00	2.40E+01	
WS	51	L15028-02	3/30/2009	Ag-108m	2.00E+00	1.50E+00	5.10E+00	
WS	51	L15028-02	3/30/2009	Ag-110m	2.90E+00	2.50E+00	8.50E+00	
WS	51	L15028-02	3/30/2009	Ba-140	-5.10E+00	3.50E+00	1.40E+01	
WS	51	L15028-02	3/30/2009	Be-7	1.00E+01	1.50E+01	5.20E+01	
WS	51	L15028-02	3/30/2009	Ce-141	2.60E+00	2.70E+00	9.10E+00	
WS	51	L15028-02	3/30/2009	Ce-144	-1.45E+01	9.80E+00	3.50E+01	
WS	51	L15028-02	3/30/2009	Co-57	6.00E-01	1.20E+00	4.20E+00	
WS	51	L15028-02	3/30/2009	Co-58	-2.20E+00	1.60E+00	6.30E+00	
WS	51	L15028-02	3/30/2009	Co-60	9.00E-01	1.80E+00	6.30E+00	
WS	51	L15028-02	3/30/2009	Cr-51	0.00E+00	1.50E+01	5.40E+01	
WS	51	L15028-02	3/30/2009	Cs-134	1.80E+00	1.50E+00	5.80E+00	
WS	51	L15028-02	3/30/2009	Cs-137	-2.00E-01	1.80E+00	6.40E+00	
WS	51	L15028-02	3/30/2009	Fe-59	3.10E+00	3.30E+00	1.10E+01	
WS	51	L15028-02	3/30/2009	I-131	1.00E+00	3.60E+00	1.20E+01	
WS	51	L15028-02	3/30/2009	K-40	2.91E+02	3.90E+01	9.60E+01	*
WS	51	L15028-02	3/30/2009	La-140	-5.10E+00	3.50E+00	1.40E+01	
WS	51	L15028-02	3/30/2009	Mn-54	-1.00E+00	1.60E+00	6.00E+00	
WS	51	L15028-02	3/30/2009	Nb-95	-3.20E+00	2.10E+00	8.00E+00	
WS	51	L15028-02	3/30/2009	Ru-103	-1.50E+00	1.80E+00	6.60E+00	
WS	51	L15028-02	3/30/2009	Ru-106	1.00E+01	1.60E+01	5.70E+01	
WS	51	L15028-02	3/30/2009	Sb-124	8.60E+00	4.90E+00	1.60E+01	
WS	51	L15028-02	3/30/2009	Sb-125	-9.00E-01	4.60E+00	1.60E+01	
WS	51	L15028-02	3/30/2009	Se-75	5.30E+00	2.00E+00	6.40E+00	
WS	51	L15028-02	3/30/2009	Zn-65	1.50E+00	4.10E+00	1.50E+01	
WS	51	L15028-02	3/30/2009	Zr-95	-1.10E+00	3.20E+00	1.20E+01	
WS	51	L15106-02	4/21/2009	AcTh-228	-6.10E+00	7.80E+00	2.90E+01	
WS	51	L15106-02	4/21/2009	Ag-108m	-7.00E-01	1.60E+00	5.80E+00	
WS	51	L15106-02	4/21/2009	Ag-110m	1.10E+00	2.90E+00	1.00E+01	
WS	51	L15106-02	4/21/2009	Ba-140	-7.00E-01	2.90E+00	1.20E+01	
WS	51	L15106-02	4/21/2009	Be-7	-1.40E+01	1.60E+01	5.90E+01	
WS	51	L15106-02	4/21/2009	Ce-141	-5.00E-01	2.70E+00	9.50E+00	
WS	51	L15106-02	4/21/2009	Ce-144	-1.70E+01	1.10E+01	3.90E+01	
WS	51	L15106-02	4/21/2009	Co-57	1.10E+00	1.30E+00	4.20E+00	
WS	51	L15106-02	4/21/2009	Co-58	-1.60E+00	1.70E+00	6.60E+00	
WS	51	L15106-02	4/21/2009	Co-60	-1.40E+00	2.00E+00	8.10E+00	
WS	51	L15106-02	4/21/2009	Cr-51	6.00E+00	1.50E+01	5.30E+01	
WS	51	L15106-02	4/21/2009	Cs-134	-1.40E+00	1.60E+00	7.60E+00	
WS	51	L15106-02	4/21/2009	Cs-137	-1.70E+00	2.00E+00	7.50E+00	
WS	51	L15106-02	4/21/2009	Fe-59	-4.00E-01	3.90E+00	1.50E+01	
WS	51	L15106-02	4/21/2009	I-131	2.90E+00	3.50E+00	1.20E+01	
WS	51	L15106-02	4/21/2009	K-40	2.66E+02	4.30E+01	1.10E+02	*
WS	51	L15106-02	4/21/2009	La-140	-7.00E-01	2.90E+00	1.20E+01	
WS	51	L15106-02	4/21/2009	Mn-54	0.00E+00	1.90E+00	6.80E+00	
WS	51	L15106-02	4/21/2009	Nb-95	-2.30E+00	2.00E+00	7.90E+00	
WS	51	L15106-02	4/21/2009	Ru-103	-3.90E+00	1.90E+00	7.40E+00	
WS	51	L15106-02	4/21/2009	Ru-106	-2.00E+00	1.70E+01	6.10E+01	
WS	51	L15106-02	4/21/2009	Sb-124	-3.90E+00	4.10E+00	1.80E+01	
WS	51	L15106-02	4/21/2009	Sb-125	-9.00E-01	5.20E+00	1.90E+01	
WS	51	L15106-02	4/21/2009	Se-75	4.50E+00	2.00E+00	6.50E+00	
WS	51	L15106-02	4/21/2009	Zn-65	6.00E-01	4.40E+00	1.60E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	51	L15106-02	4/21/2009	Zr-95	-2.10E+00	3.50E+00	1.30E+01	
WS	51	L15158-02	3/30/2009	H-3	-3.00E+02	4.10E+02	1.20E+03	
WS	51	L15232-02	5/19/2009	AcTh-228	4.80E+00	7.40E+00	2.60E+01	
WS	51	L15232-02	5/19/2009	Ag-108m	-2.90E+00	1.50E+00	5.60E+00	
WS	51	L15232-02	5/19/2009	Ag-110m	1.00E-01	2.50E+00	9.20E+00	
WS	51	L15232-02	5/19/2009	Ba-140	-4.70E+00	3.60E+00	1.50E+01	
WS	51	L15232-02	5/19/2009	Be-7	2.70E+01	1.30E+01	4.30E+01	
WS	51	L15232-02	5/19/2009	Ce-141	8.00E-01	2.70E+00	9.20E+00	
WS	51	L15232-02	5/19/2009	Ce-144	2.50E+00	9.40E+00	3.20E+01	
WS	51	L15232-02	5/19/2009	Co-57	1.10E+00	1.20E+00	4.10E+00	
WS	51	L15232-02	5/19/2009	Co-58	9.00E-01	1.70E+00	5.90E+00	
WS	51	L15232-02	5/19/2009	Co-60	-3.00E-01	1.80E+00	6.80E+00	
WS	51	L15232-02	5/19/2009	Cr-51	3.00E+00	1.50E+01	5.30E+01	
WS	51	L15232-02	5/19/2009	Cs-134	2.00E+00	1.50E+00	6.10E+00	
WS	51	L15232-02	5/19/2009	Cs-137	2.40E+00	1.70E+00	5.80E+00	
WS	51	L15232-02	5/19/2009	Fe-59	3.50E+00	3.90E+00	1.30E+01	
WS	51	L15232-02	5/19/2009	I-131	-4.30E+00	3.70E+00	1.40E+01	
WS	51	L15232-02	5/19/2009	K-40	3.01E+02	3.70E+01	7.80E+01	*
WS	51	L15232-02	5/19/2009	La-140	-4.70E+00	3.60E+00	1.50E+01	
WS	51	L15232-02	5/19/2009	Mn-54	2.30E+00	1.60E+00	5.40E+00	
WS	51	L15232-02	5/19/2009	Nb-95	-5.00E-01	1.80E+00	6.60E+00	
WS	51	L15232-02	5/19/2009	Ru-103	-2.20E+00	2.50E+00	9.20E+00	
WS	51	L15232-02	5/19/2009	Ru-106	2.00E+00	1.60E+01	5.60E+01	
WS	51	L15232-02	5/19/2009	Sb-124	-4.00E+00	4.30E+00	1.80E+01	
WS	51	L15232-02	5/19/2009	Sb-125	-2.00E+00	4.50E+00	1.60E+01	
WS	51	L15232-02	5/19/2009	Se-75	-5.00E-01	1.90E+00	6.80E+00	
WS	51	L15232-02	5/19/2009	Zn-65	0.00E+00	4.20E+00	1.50E+01	
WS	51	L15232-02	5/19/2009	Zr-95	1.90E+00	2.80E+00	9.90E+00	
WS	51	L15364-02	6/24/2009	AcTh-228	-5.40E+00	4.30E+00	1.50E+01	
WS	51	L15364-02	6/24/2009	Ag-108m	6.80E-01	6.70E-01	2.20E+00	
WS	51	L15364-02	6/24/2009	Ag-110m	-9.00E-01	1.20E+00	4.30E+00	
WS	51	L15364-02	6/24/2009	Ba-140	-4.60E+00	2.60E+00	9.90E+00	
WS	51	L15364-02	6/24/2009	Be-7	9.80E+00	8.10E+00	2.70E+01	
WS	51	L15364-02	6/24/2009	Ce-141	-1.30E+00	1.90E+00	6.30E+00	
WS	51	L15364-02	6/24/2009	Ce-144	-1.05E+01	5.50E+00	1.90E+01	
WS	51	L15364-02	6/24/2009	Co-57	-2.20E-01	6.50E-01	2.20E+00	
WS	51	L15364-02	6/24/2009	Co-58	6.00E-02	9.40E-01	3.30E+00	
WS	51	L15364-02	6/24/2009	Co-60	-8.00E-02	9.30E-01	3.30E+00	
WS	51	L15364-02	6/24/2009	Cr-51	5.00E+00	1.10E+01	3.60E+01	
WS	51	L15364-02	6/24/2009	Cs-134	2.00E-01	1.00E+00	3.60E+00	
WS	51	L15364-02	6/24/2009	Cs-137	-9.30E-01	8.50E-01	3.00E+00	
WS	51	L15364-02	6/24/2009	Fe-59	4.00E-01	2.20E+00	7.50E+00	
WS	51	L15364-02	6/24/2009	I-131	-6.80E+00	4.00E+00	1.40E+01	
WS	51	L15364-02	6/24/2009	K-40	2.47E+02	1.90E+01	4.70E+01	*
WS	51	L15364-02	6/24/2009	La-140	-4.60E+00	2.60E+00	9.90E+00	
WS	51	L15364-02	6/24/2009	Mn-54	-1.92E+00	8.70E-01	3.20E+00	
WS	51	L15364-02	6/24/2009	Nb-95	-2.00E-01	1.40E+00	4.90E+00	
WS	51	L15364-02	6/24/2009	Ru-103	-3.00E+00	1.20E+00	4.40E+00	
WS	51	L15364-02	6/24/2009	Ru-106	-7.40E+00	8.00E+00	2.80E+01	
WS	51	L15364-02	6/24/2009	Sb-124	-1.40E+00	2.40E+00	8.70E+00	
WS	51	L15364-02	6/24/2009	Sb-125	1.00E+00	2.00E+00	6.90E+00	
WS	51	L15364-02	6/24/2009	Se-75	4.00E-01	1.10E+00	3.80E+00	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	51	L15364-02	6/24/2009	Zn-65	-2.80E+00	2.20E+00	7.90E+00	
WS	51	L15364-02	6/24/2009	Zr-95	-3.70E+00	1.70E+00	6.20E+00	
WS	51	L15426-02	6/24/2009	H-3	-8.40E+02	4.80E+02	1.50E+03	
WS	51	L15461-02	7/22/2009	AcTh-228	4.00E+00	7.20E+00	2.50E+01	
WS	51	L15461-02	7/22/2009	Ag-108m	-4.00E-01	1.30E+00	4.60E+00	
WS	51	L15461-02	7/22/2009	Ag-110m	3.10E+00	2.50E+00	8.40E+00	
WS	51	L15461-02	7/22/2009	Ba-140	2.50E+00	3.60E+00	1.30E+01	
WS	51	L15461-02	7/22/2009	Be-7	-7.00E+00	1.40E+01	5.10E+01	
WS	51	L15461-02	7/22/2009	Ce-141	2.80E+00	2.30E+00	7.60E+00	
WS	51	L15461-02	7/22/2009	Ce-144	-6.60E+00	7.80E+00	2.80E+01	
WS	51	L15461-02	7/22/2009	Co-57	2.00E-02	9.70E-01	3.30E+00	
WS	51	L15461-02	7/22/2009	Co-58	2.00E-01	1.80E+00	6.60E+00	
WS	51	L15461-02	7/22/2009	Co-60	1.00E+00	1.90E+00	6.80E+00	
WS	51	L15461-02	7/22/2009	Cr-51	-3.00E+00	1.20E+01	4.40E+01	
WS	51	L15461-02	7/22/2009	Cs-134	-2.30E+00	1.20E+00	6.50E+00	
WS	51	L15461-02	7/22/2009	Cs-137	-3.00E+00	1.90E+00	7.30E+00	
WS	51	L15461-02	7/22/2009	Fe-59	2.30E+00	4.10E+00	1.50E+01	
WS	51	L15461-02	7/22/2009	I-131	-5.00E-01	3.20E+00	1.10E+01	
WS	51	L15461-02	7/22/2009	K-40	3.05E+02	4.20E+01	9.90E+01	*
WS	51	L15461-02	7/22/2009	La-140	2.50E+00	3.60E+00	1.30E+01	
WS	51	L15461-02	7/22/2009	Mn-54	-9.00E-01	1.70E+00	6.50E+00	
WS	51	L15461-02	7/22/2009	Nb-95	-9.00E-01	1.80E+00	6.80E+00	
WS	51	L15461-02	7/22/2009	Ru-103	-2.00E-01	1.60E+00	5.60E+00	
WS	51	L15461-02	7/22/2009	Ru-106	-3.40E+01	1.70E+01	6.70E+01	
WS	51	L15461-02	7/22/2009	Sb-124	2.60E+00	4.80E+00	1.70E+01	
WS	51	L15461-02	7/22/2009	Sb-125	4.70E+00	4.20E+00	1.40E+01	
WS	51	L15461-02	7/22/2009	Se-75	1.90E+00	1.80E+00	6.10E+00	
WS	51	L15461-02	7/22/2009	Zn-65	-3.90E+00	4.60E+00	1.70E+01	
WS	51	L15461-02	7/22/2009	Zr-95	2.20E+00	2.80E+00	9.70E+00	
WS	51	L15569-02	8/18/2009	AcTh-228	-2.90E+00	6.40E+00	2.30E+01	
WS	51	L15569-02	8/18/2009	Ag-108m	-9.00E-01	1.10E+00	4.00E+00	
WS	51	L15569-02	8/18/2009	Ag-110m	-1.30E+00	1.50E+00	5.60E+00	
WS	51	L15569-02	8/18/2009	Ba-140	-2.10E+00	3.00E+00	1.10E+01	
WS	51	L15569-02	8/18/2009	Be-7	2.80E+01	1.10E+01	3.50E+01	
WS	51	L15569-02	8/18/2009	Ce-141	-5.10E+00	3.40E+00	1.20E+01	
WS	51	L15569-02	8/18/2009	Ce-144	-2.00E-01	7.10E+00	2.40E+01	
WS	51	L15569-02	8/18/2009	Co-57	1.30E+00	7.80E-01	2.50E+00	
WS	51	L15569-02	8/18/2009	Co-58	-3.00E-01	1.40E+00	5.00E+00	
WS	51	L15569-02	8/18/2009	Co-60	-6.00E-01	1.30E+00	4.80E+00	
WS	51	L15569-02	8/18/2009	Cr-51	-8.00E+00	1.10E+01	4.10E+01	
WS	51	L15569-02	8/18/2009	Cs-134	-7.60E-01	9.70E-01	4.50E+00	
WS	51	L15569-02	8/18/2009	Cs-137	4.00E-01	1.30E+00	4.50E+00	
WS	51	L15569-02	8/18/2009	Fe-59	3.60E+00	3.10E+00	1.00E+01	
WS	51	L15569-02	8/18/2009	I-131	-3.80E+00	3.20E+00	1.20E+01	
WS	51	L15569-02	8/18/2009	K-40	2.87E+02	3.00E+01	7.50E+01	*
WS	51	L15569-02	8/18/2009	La-140	-2.10E+00	3.00E+00	1.10E+01	
WS	51	L15569-02	8/18/2009	Mn-54	-5.00E-01	1.40E+00	4.90E+00	
WS	51	L15569-02	8/18/2009	Nb-95	-3.70E+00	1.60E+00	6.30E+00	
WS	51	L15569-02	8/18/2009	Ru-103	-3.10E+00	1.60E+00	5.80E+00	
WS	51	L15569-02	8/18/2009	Ru-106	2.00E+00	1.10E+01	3.80E+01	
WS	51	L15569-02	8/18/2009	Sb-124	2.40E+00	3.00E+00	1.10E+01	
WS	51	L15569-02	8/18/2009	Sb-125	-3.80E+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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	51	L15569-02	8/18/2009	Se-75	-1.50E+00	1.70E+00	5.90E+00	
WS	51	L15569-02	8/18/2009	Zn-65	-9.00E-01	3.20E+00	1.10E+01	
WS	51	L15569-02	8/18/2009	Zr-95	-4.30E+00	2.60E+00	9.70E+00	
WS	51	L15700-02	9/21/2009	AcTh-228	-7.00E-01	5.20E+00	1.80E+01	
WS	51	L15700-02	9/21/2009	Ag-108m	-1.05E+00	9.40E-01	3.40E+00	
WS	51	L15700-02	9/21/2009	Ag-110m	-7.00E-01	1.50E+00	5.50E+00	
WS	51	L15700-02	9/21/2009	Ba-140	3.50E+00	3.40E+00	1.20E+01	
WS	51	L15700-02	9/21/2009	Be-7	5.00E+00	1.10E+01	3.60E+01	
WS	51	L15700-02	9/21/2009	Ce-141	1.00E-01	1.20E+00	4.20E+00	
WS	51	L15700-02	9/21/2009	Ce-144	-2.90E+00	4.80E+00	1.70E+01	
WS	51	L15700-02	9/21/2009	Co-57	7.10E-01	6.50E-01	2.20E+00	
WS	51	L15700-02	9/21/2009	Co-58	-8.00E-01	1.30E+00	4.80E+00	
WS	51	L15700-02	9/21/2009	Co-60	1.60E+00	1.40E+00	4.60E+00	
WS	51	L15700-02	9/21/2009	Cr-51	2.00E+00	1.00E+01	3.50E+01	
WS	51	L15700-02	9/21/2009	Cs-134	-1.06E+00	8.30E-01	3.80E+00	
WS	51	L15700-02	9/21/2009	Cs-137	2.20E+00	1.40E+00	4.50E+00	
WS	51	L15700-02	9/21/2009	Fe-59	8.00E-01	3.10E+00	1.10E+01	
WS	51	L15700-02	9/21/2009	I-131	-2.80E+00	3.20E+00	1.10E+01	
WS	51	L15700-02	9/21/2009	K-40	2.72E+02	2.80E+01	6.60E+01	*
WS	51	L15700-02	9/21/2009	La-140	3.50E+00	3.40E+00	1.20E+01	
WS	51	L15700-02	9/21/2009	Mn-54	2.10E+00	1.20E+00	4.00E+00	
WS	51	L15700-02	9/21/2009	Nb-95	1.10E+00	1.60E+00	5.50E+00	
WS	51	L15700-02	9/21/2009	Ru-103	-9.00E-01	1.50E+00	5.10E+00	
WS	51	L15700-02	9/21/2009	Ru-106	1.00E+00	1.10E+01	3.80E+01	
WS	51	L15700-02	9/21/2009	Sb-124	-2.60E+00	3.20E+00	1.20E+01	
WS	51	L15700-02	9/21/2009	Sb-125	2.00E-01	3.10E+00	1.10E+01	
WS	51	L15700-02	9/21/2009	Se-75	0.00E+00	1.30E+00	4.40E+00	
WS	51	L15700-02	9/21/2009	Zn-65	1.00E+00	2.80E+00	9.70E+00	
WS	51	L15700-02	9/21/2009	Zr-95	1.60E+00	2.30E+00	7.70E+00	
WS	51	L15808-02	9/21/2009	H-3	8.60E+02	3.50E+02	1.00E+03	
WS	51	L15810-02	10/21/2009	AcTh-228	4.50E+00	6.00E+00	2.10E+01	
WS	51	L15810-02	10/21/2009	Ag-108m	1.00E-01	1.20E+00	4.00E+00	
WS	51	L15810-02	10/21/2009	Ag-110m	1.00E+00	1.60E+00	5.60E+00	
WS	51	L15810-02	10/21/2009	Ba-140	-2.80E+00	3.10E+00	1.20E+01	
WS	51	L15810-02	10/21/2009	Be-7	-1.00E+00	1.30E+01	4.60E+01	
WS	51	L15810-02	10/21/2009	Ce-141	1.60E+00	2.30E+00	7.70E+00	
WS	51	L15810-02	10/21/2009	Ce-144	1.80E+00	7.00E+00	2.40E+01	
WS	51	L15810-02	10/21/2009	Co-57	3.50E-01	9.80E-01	3.30E+00	
WS	51	L15810-02	10/21/2009	Co-58	-7.00E-01	1.30E+00	4.90E+00	
WS	51	L15810-02	10/21/2009	Co-60	1.30E+00	1.40E+00	4.70E+00	
WS	51	L15810-02	10/21/2009	Cr-51	2.30E+01	1.30E+01	4.20E+01	
WS	51	L15810-02	10/21/2009	Cs-134	2.00E-01	1.30E+00	4.70E+00	
WS	51	L15810-02	10/21/2009	Cs-137	-3.00E-01	1.30E+00	4.60E+00	
WS	51	L15810-02	10/21/2009	Fe-59	-1.40E+00	3.00E+00	1.10E+01	
WS	51	L15810-02	10/21/2009	I-131	3.60E+00	3.80E+00	1.30E+01	
WS	51	L15810-02	10/21/2009	K-40	2.85E+02	2.90E+01	7.10E+01	*
WS	51	L15810-02	10/21/2009	La-140	-2.80E+00	3.10E+00	1.20E+01	
WS	51	L15810-02	10/21/2009	Mn-54	1.60E+00	1.30E+00	4.40E+00	
WS	51	L15810-02	10/21/2009	Nb-95	2.70E+00	1.80E+00	6.10E+00	
WS	51	L15810-02	10/21/2009	Ru-103	-7.00E-01	1.60E+00	5.60E+00	
WS	51	L15810-02	10/21/2009	Ru-106	-3.00E+00	1.00E+01	3.70E+01	
WS	51	L15810-02	10/21/2009	Sb-124	2.20E+00	3.10E+00	1.10E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
WS	51	L15810-0210	21/2009	Sb-125	-1.10E+00	3.70E+00	1.30E+01	
WS	51	L15810-0210	21/2009	Se-75	-1.20E+00	1.60E+00	5.50E+00	
WS	51	L15810-0210	21/2009	Zn-65	2.30E+00	5.30E+00	1.80E+01	
WS	51	L15810-0210	21/2009	Zr-95	-6.00E-01	2.40E+00	8.60E+00	
WS	51	L15952-0211	23/2009	AcTh-228	-8.00E-01	6.20E+00	2.10E+01	
WS	51	L15952-0211	23/2009	Ag-108m	7.90E-01	8.00E-01	2.70E+00	
WS	51	L15952-0211	23/2009	Ag-110m	2.00E+00	1.20E+00	4.10E+00	
WS	51	L15952-0211	23/2009	Ba-140	-2.90E+00	3.10E+00	1.10E+01	
WS	51	L15952-0211	23/2009	Be-7	-1.49E+01	9.10E+00	3.20E+01	
WS	51	L15952-0211	23/2009	Ce-141	1.80E+00	2.70E+00	8.90E+00	
WS	51	L15952-0211	23/2009	Ce-144	-6.00E+00	5.30E+00	1.80E+01	
WS	51	L15952-0211	23/2009	Co-57	-7.00E-02	6.90E-01	2.30E+00	
WS	51	L15952-0211	23/2009	Co-58	-1.40E+00	1.00E+00	3.70E+00	
WS	51	L15952-0211	23/2009	Co-60	-3.30E-01	9.50E-01	3.40E+00	
WS	51	L15952-0211	23/2009	Cr-51	2.10E+01	1.00E+01	3.20E+01	
WS	51	L15952-0211	23/2009	Cs-134	-4.20E-01	6.90E-01	3.30E+00	
WS	51	L15952-0211	23/2009	Cs-137	5.00E-01	1.00E+00	3.50E+00	
WS	51	L15952-0211	23/2009	Fe-59	2.30E+00	2.40E+00	8.20E+00	
WS	51	L15952-0211	23/2009	I-131	-7.00E+00	4.00E+00	1.40E+01	
WS	51	L15952-0211	23/2009	K-40	3.05E+02	2.20E+01	5.20E+01	*
WS	51	L15952-0211	23/2009	La-140	-2.90E+00	3.10E+00	1.10E+01	
WS	51	L15952-0211	23/2009	Mn-54	1.55E+00	9.70E-01	3.20E+00	
WS	51	L15952-0211	23/2009	Nb-95	2.00E-01	1.30E+00	4.50E+00	
WS	51	L15952-0211	23/2009	Ru-103	-2.10E+00	1.20E+00	4.30E+00	
WS	51	L15952-0211	23/2009	Ru-106	9.00E-01	8.50E+00	2.90E+01	
WS	51	L15952-0211	23/2009	Sb-124	-1.50E+00	2.30E+00	8.50E+00	
WS	51	L15952-0211	23/2009	Sb-125	-5.00E-01	2.50E+00	8.40E+00	
WS	51	L15952-0211	23/2009	Se-75	-1.20E+00	1.40E+00	4.70E+00	
WS	51	L15952-0211	23/2009	Zn-65	-3.70E+00	2.30E+00	8.20E+00	
WS	51	L15952-0211	23/2009	Zr-95	3.00E-01	2.00E+00	6.70E+00	
WS	51	L16047-0212	28/2009	AcTh-228	5.80E+00	3.80E+00	1.30E+01	
WS	51	L16047-0212	28/2009	Ag-108m	1.11E+00	8.70E-01	2.90E+00	
WS	51	L16047-0212	28/2009	Ag-110m	-2.10E+00	1.50E+00	5.40E+00	
WS	51	L16047-0212	28/2009	Ba-140	3.00E-01	2.80E+00	9.90E+00	
WS	51	L16047-0212	28/2009	Be-7	-1.00E+00	1.00E+01	3.40E+01	
WS	51	L16047-0212	28/2009	Ce-141	-9.00E-01	1.80E+00	6.10E+00	
WS	51	L16047-0212	28/2009	Ce-144	-9.00E-01	6.10E+00	2.10E+01	
WS	51	L16047-0212	28/2009	Co-57	6.30E-01	7.90E-01	2.60E+00	
WS	51	L16047-0212	28/2009	Co-58	-1.20E+00	1.20E+00	4.30E+00	
WS	51	L16047-0212	28/2009	Co-60	-3.00E-01	1.10E+00	4.00E+00	
WS	51	L16047-0212	28/2009	Cr-51	3.00E+00	1.00E+01	3.50E+01	
WS	51	L16047-0212	28/2009	Cs-134	-1.10E-01	7.80E-01	3.40E+00	
WS	51	L16047-0212	28/2009	Cs-137	-1.00E+00	1.20E+00	4.30E+00	
WS	51	L16047-0212	28/2009	Fe-59	-2.00E+00	2.60E+00	9.30E+00	
WS	51	L16047-0212	28/2009	I-131	-8.40E+00	3.50E+00	1.20E+01	
WS	51	L16047-0212	28/2009	K-40	3.37E+02	2.70E+01	6.40E+01	*
WS	51	L16047-0212	28/2009	La-140	3.00E-01	2.80E+00	9.90E+00	
WS	51	L16047-0212	28/2009	Mn-54	-4.00E-01	1.10E+00	3.90E+00	
WS	51	L16047-0212	28/2009	Nb-95	3.20E+00	1.90E+00	6.20E+00	
WS	51	L16047-0212	28/2009	Ru-103	-3.00E+00	1.30E+00	4.60E+00	
WS	51	L16047-0212	28/2009	Ru-106	-4.00E+00	1.00E+01	3.50E+01	
WS	51	L16047-0212	28/2009	Sb-124	-4.10E+00	2.70E+00	1.00E+01	

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

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
WS	51	L16047-02	12/28/2009	Sb-125	1.60E+00	2.70E+00	9.00E+00
WS	51	L16047-02	12/28/2009	Se-75	-6.00E-01	1.30E+00	4.30E+00
WS	51	L16047-02	12/28/2009	Zn-65	-5.00E+00	2.70E+00	1.00E+01
WS	51	L16047-02	12/28/2009	Zr-95	-2.50E+00	2.20E+00	7.80E+00
WS	51	L16069-02	12/28/2009	H-3	1.70E+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