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Yankee Atomic Electric Company (YAEC) herewith submits its 2005 Annual Radiological Environmental Operating Report. This document includes a summary of the findings of the Radiological Effluents Monitoring Program (REMP) conducted by YAEC in the vicinity of the Rowe site. This information is submitted in accordance with the Quality Assurance Program (formerly referred to as the Yankee Decommissioning Quality Assurance Program).

Should you have any questions regarding this submittal, please contact Alice Carson at (301) 916-3995 or the undersigned at (413) 424-2261.

Very truly yours,

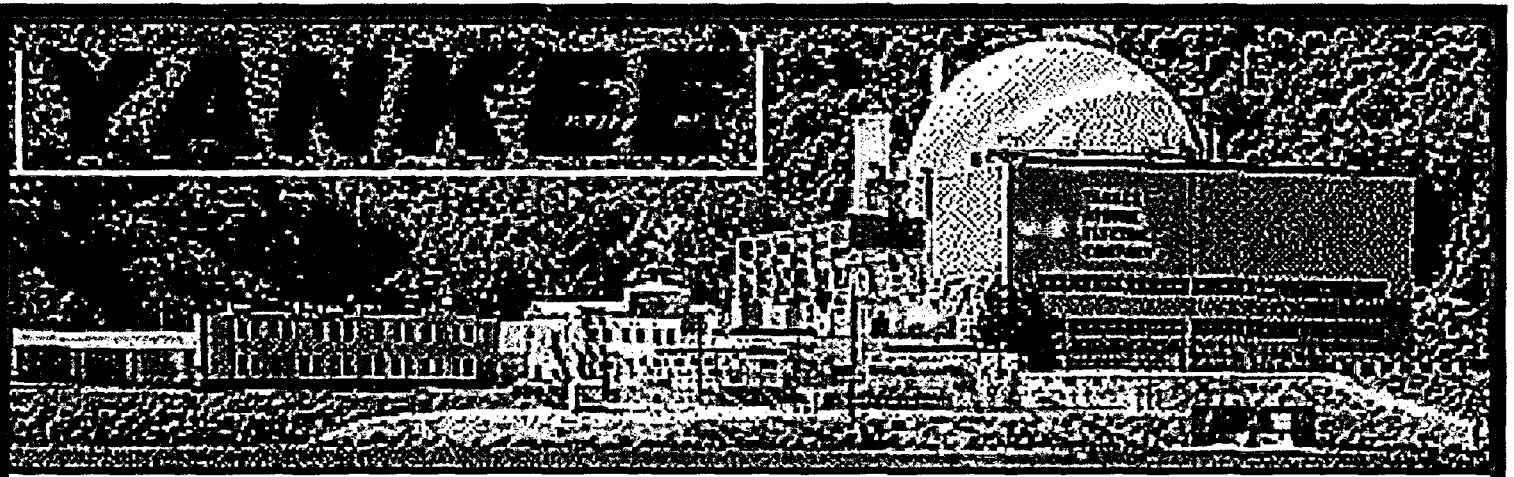
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**ANNUAL RADIOLOGICAL
ENVIRONMENTAL OPERATING REPORT
(AREOR)**

**YANKEE NUCLEAR POWER STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM**

JANUARY 1, 2005 - DECEMBER 31, 2005

**DOCKET NO. 50-29
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**YANKEE ATOMIC ELECTRIC COMPANY
Rowe, Massachusetts**

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1.0 EXECUTIVE SUMMARY

The radiological environmental monitoring program for the Yankee Atomic Electric Company's Rowe site (YR) continued for the period January through December 2005, in compliance with the Yankee Decommissioning Quality Assurance Program (YDQAP), Appendix D, Section F.2.a, and the Off-Site Dose Calculation Manual (ODCM). This annual report was prepared for the Yankee Atomic Electric Company (YAEC) by the Nuclear & Radiation Engineering Group of AREVA (Framatome ANP). Normandeau Associates performed sample collection and field preparation. Gamma exposure rate measurements and laboratory analyses were performed by AREVA Framatome ANP Environmental Laboratory (E-LAB).

Thermoluminescent dosimeters (TLDs) were used to measure direct gamma exposure in the vicinity of the site and as far away as 22.2 kilometers. Radiochemical and radiological analyses of samples were performed to detect the presence of any site-related radioactivity. Samples collected include air-particulate filters, broad leaf vegetation, fruits and vegetables, maple syrup, river water, well water, storm drain water, bottom and shoreline sediment, and fish.

In evaluating the results of those analyses it is necessary to consider the variability of natural and man-made sources of radioactivity, distribution in the environment and uptake in environmental media. This variability is dependent on many factors including site release rates, past spatial variability of radioactive fallout from nuclear weapons tests and on-going redistribution of the fallout, contribution from cosmically produced radioactivity, ground water dynamics, soil characteristics and farming practices. Any one of these factors could cause significant variations in measured levels of radioactivity. Therefore, these factors need to be considered in order to properly explain any variations in radiation detected and to distinguish between natural and station related radioactivity.

Yankee Nuclear Power Station (YNPS) was permanently shutdown in 1991. Activities at the site are now focused on fuel storage, site remediation and completion of facility decommissioning. By the end of 2005, almost all of the permanent structures had been removed. Decommissioning activities include discharging of liquids, such as ground water intrusion to building foundations, containing residual radioactivity and, for part of 2005, local area monitoring for any release of airborne radioactivity during structure demolition. All levels of radioactivity released are significantly lower than releases during plant operation. The radiological monitoring of the environment through this REMP program will continue through site decommissioning activities to assure the health and safety of the public are maintained at all times.

The predominant radioactivity detected by the monitoring program was that from non-station sources, which includes fallout from past nuclear weapons tests and naturally occurring radionuclides. As has been typical of previous years, site-related radioactivity was observed in some of the monitoring samples. The specific observations of possible site effects included Cesium-137 in bottom sediment near the former plant discharge point and tritium in ground water and storm water samples due to monitored releases. Air particulate analysis results collected in 2005 demonstrated that no site-related airborne particulate activity was present in samples collected beyond the site boundary or on site.

During 2005, there were changes made to the radiological environmental monitoring program including the elimination of food product analysis, airborne particulate analysis and the Land Use Census. These program reductions were justified based on the removal of any significant potential for an airborne source term due to the progress made in site decommissioning. Supplemental environmental air particulate monitoring in the vicinity of on-site building demolition activities was continued for part of 2005 to validate effluent release (demolition airborne dust) monitoring assumptions. Results of those analyses are included in this report (Appendix B) although they are not part of the formal REMP sampling.

2.0 INTRODUCTION

2.1 GENERAL SITE INFORMATION

The Yankee Atomic Electric Company's Rowe station is located on a site of over 1800 acres in a predominantly rural area of northwestern Massachusetts, three-quarters of a mile south of the Vermont border. The site resides in the town of Rowe, Massachusetts, approximately 9 air miles east-northeast of North Adams, Massachusetts. The surrounding area is heavily forested and lightly populated. Hills bounding the river valley rise 500 to 1000 feet above the site, reaching elevations of 2100 feet.

The Deerfield River is used extensively for hydroelectric power generation both upstream and downstream of YR. Sherman Dam, immediately adjacent to the site, operates as a hydroelectric generating station. Sherman Pond, the impoundment behind this dam, had been used as a source of cooling water for the former power plant.

The former nuclear power plant was voluntarily shut down on October 1, 1991 after 31 years of operation. The site is involved in the process of decommissioning which involves the disassembly and removal of the plant components and structures (near completion in 2005). This process is taking place in strict conformance with USNRC regulations. Oversight of the decommissioning process will also continue from the U.S. Environmental Protection Agency, the Massachusetts Department of Environmental Protection, and Massachusetts Department of Public Health.

2.2 PROGRAM DESIGN

The Radiological Environmental Monitoring Program for the site was designed with specific objectives in mind. These were:

- To provide an early indication of the appearance or accumulation of any radioactive material in the environment caused by YR activities.
- To provide assurance to regulatory agencies and the public that the environmental impact from YR is known and within anticipated limits.
- To verify the adequacy and proper functioning of site 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.

These objectives will continue to be in force, to varying degrees, throughout decommissioning activities at the YR site. Due to the decommissioned status of the plant and relatively low quantities of radioactive material remaining on the site, some of the objectives have a different degree of importance than in the past.

The radiological environmental monitoring program was initiated in 1958, approximately two years before the

plant began operation in 1960. It has been in operation continuously since that time, with improvements made periodically over those years. The program continued without modification following the shutdown of the plant in 1991 and was reduced in scope beginning in 1997, primarily to reflect the absence of short-lived radionuclides in various pathways resulting from the plant shutdown (no source of production) and the individual radionuclides short half-life (long decay time since the shutdown). As the decommissioning process nears completion, the Radiological Environmental Monitoring Program (REMP) has also been reduced to eliminate environmental media and program elements, such as air particulate monitoring, where the source term potential has been removed.

The program was designed to meet the intent of NRC Regulatory Guide 4.1, *Programs for Monitoring Radioactivity in the Environs of Nuclear Power Plants*; NRC Regulatory Guide 4.8, *Environmental Technical Specifications for Nuclear Power Plants*; the NRC Branch Technical Position of November 1979 entitled, *An Acceptable Radiological Environmental Monitoring Program*; and NRC NUREG-0472, *Radiological Effluent Technical Specifications for PWR's*.

The environmental TLD program was designed and tested around NRC Regulatory Guide 4.13, *Performance, Testing and Procedural Specifications for Thermoluminescence Dosimetry: Environmental Applications*. The quality assurance program was designed around the guidance given in NRC Regulatory Guide 4.15, *Quality Assurance for Radiological Monitoring Programs (Normal Operations) - Effluent Streams and the Environment*.

The sampling requirements of the REMP are given in Table 4-1 of the ODCM and in Table 2-1 of this report. The identification of the required sampling locations is given in Table 4.4 of the ODCM and in Tables 2-2 and 2-3 of this report. The sampling and monitoring locations are shown graphically on the maps in Figures 2-1 through 2-6.

2.3 MONITORING ZONES

The REMP is designed to allow comparison of levels of radioactivity in samples from the area possibly influenced by the site to levels found in areas not influenced by the site activities. The first area locations are called "indicators" and the second area locations are called "controls." The distinction between the two areas, depending on the type of sample or sample pathway, is based on one or more of several factors, such as site meteorological history, meteorological dispersion calculations, relative direction from the site, river flow, and distance. Analysis of survey data from the two areas aids in determining if there is a significant difference between the two areas. It can also help in differentiating between radioactivity and radiation due to site-related activities and that due to other fluctuations in the environment, such as atmospheric nuclear weapons test fallout or seasonal variations in the natural background.

2.4 PATHWAYS MONITORED

For all or part of 2005, four pathway categories were monitored by the REMP. They are airborne, waterborne, ingestion and direct radiation pathways. Each of these four categories is monitored by the collection of one or more sample media, which are listed as follows, and are described in more detail in this section:

- Airborne Pathway
 - Air Particulate Sampling Section 2.5.1
(Eliminated during 2005)
- Waterborne Pathways
 - River Water Sampling Section 2.5.2
 - Ground Water Sampling Section 2.5.3
 - Storm Drain Water Sampling Section 2.5.4
 - Sediment Sampling Section 2.5.5
- Ingestion Pathways
 - Fish Sampling Section 2.5.6
 - Food Product (fruits & vegetables,
Broad leaf vegetation) Section 2.5.7
(Eliminated during 2005)
 - Maple Syrup Sampling Section 2.5.8
(Eliminated during 2005)
- Direct Radiation Pathway
 - TLD Monitoring Section 2.5.9

2.5 DESCRIPTIONS OF MONITORING PROGRAMS

Sample types and frequency of analysis are given in Table 2-1. The sample locations are listed in Table 2-2 and Table 2-3 and shown in Figures 2-1 to 2-7. ODCM lower limits of detection (LLDs) and required reporting levels are listed in Tables 2-4 and 2-5. The program as described here includes both required samples as specified in the Off-Site Dose Calculation Manual (ODCM) and any extra samples. Following is a detailed description of the sampling program for 2005:

2.5.1 Air Particulate Sampling

Continuous air samplers are installed at six locations, five of which are required by the YR ODCM. The sampling pumps at these locations operate continuously at a flow rate of approximately one cubic foot per minute. Airborne particulates are collected by passing air through a 47-mm glass-fiber filter. A dry gas meter is incorporated into the sampling stream to measure the total volume of air sampled in a given interval. The entire system is housed in a weatherproof structure. The filters are collected biweekly, and, to allow for the decay of radon daughter products, they are held for at least 100 hours at the E-LAB before being analyzed for gross-beta radioactivity (indicated as GR-B in the data tables). The biweekly filters are composited by location at the environmental laboratory for a quarterly gamma spectroscopy analysis.

In addition to station AP-11, which doubles as a REMP and demolition air particulate (DAP) monitor located just outside the site, three new airborne monitoring surveillance locations were established on-site for the detection of possible airborne radionuclides associated with demolition work. This monitoring is intended to provide supporting information from onsite monitoring of potential airborne releases. Results of those analyses are included in this report although they are not part of the REMP sampling.

The collection and analysis of air particulate samples was removed from the Yankee ODCM (Amendment 18, August, 2005) during the year. The changes were made due to the removal of all significant airborne release pathways from the site. The off-site air particulate monitoring locations were discontinued by the end of September, with the exception of location AP-11 (observation stand, a former ODCM required location), and the on-site location DAP-2 (on the ISFSI pad) which continued for the entire year as a voluntary supplemental information station.

2.5.2 River Water Sampling

An automatic composite sampler is located at one downstream sampling location. The sampler is controlled by a timer that collects an aliquot of river water at least every two hours over a period of one month. In addition, river water grab samples are collected monthly at Sherman Pond, near the plant site, and at one upstream location (control). All river water samples are preserved with HCL and NaHSO₃ or HNO₃ at the laboratory to prevent the plate-out of potentially present radionuclides on the container wall over time. Each sample is analyzed for gross-beta and gamma-emitting radionuclides. The monthly samples are composited quarterly by location at the E-LAB for a tritium analysis. The monthly samples are also analyzed monthly beyond the minimum requirements of the ODCM.

2.5.3 Ground Water Sampling

Grab samples are collected monthly from two on-site locations (potable water well at WG-11 and Sherman Spring, WG-12). The ODCM requires samples to be collected at least once per quarter. Each sample is required by the ODCM to be analyzed for gamma-emitting radionuclides and tritium. Samples are also analyzed for gross beta activity, which is beyond ODCM requirements. Gross beta analyses are performed to gather additional data that may help to provide early detection of site-related activity.

2.5.4 Storm Drain Water Sampling

Grab samples are collected monthly or as available from the East and West Storm Drains. These are not ODCM required environmental sampling locations, but are included as supplemental samples. The two sample locations are comprised of a network of storm drains connected to parking areas, associated facility, and administration building, as well as groundwater and precipitation (including snowmelt) draining from the east side and west side of the site facility. Each sample is analyzed for gross-beta and gamma-emitting radionuclides and tritium. The storm drains are also utilized for construction de-watering discharges in accordance with the site's ODCM and NPDES effluent discharge requirements that includes analysis of effluents prior to release.

2.5.5 Sediment Sampling

Shoreline sediment cores are collected semiannually from two locations, one upstream and one downstream of the site. At each location, six two-inch inner diameter plastic coring tubes are driven into the sediment at least six inches deep. The cores are carefully extracted and kept in an upright position and frozen prior to delivery to the E-LAB. At the E-LAB, the frozen cores are cut into 5 cm (two-inch) segments. For each location, the 0-5 cm segments are blended into a single sample, as are the 5-10 cm and 10-15 cm segments. These composite samples are then analyzed for gamma-emitting radionuclides.

An additional bottom sediment core is collected semiannually in Sherman Pond near the former plant discharge.

2.5.6 Fish Sampling

Fish samples are collected semiannually at two locations (upstream of the site and in Sherman Pond). A gill net is set overnight from a boat, and mixed species of fish are removed the following day. The species typically collected are yellow perch, smelt, pickerel, trout, bullheads or suckers. However, the makeup of any individual catch could be dominated by a single species available at the time. No attempt is made to differentiate sample analysis by fish species, such as those who primarily feed on the bottom and are closer to any radioactivity deposited in bottom sediments, from those species that feed higher in the water column. The limiting factor in fish sampling program is the availability of sufficient sample volume needed for analysis, making the differentiation of species typically impractical. The fish samples are frozen and delivered to the environmental laboratory where the edible portions are analyzed for gamma-emitting radionuclides.

2.5.7 Food Product Sampling

Food products are collected annually (at harvest) at three locations. The samples collected in 2005 included broad leaf vegetable, above-ground vegetables and fruit. Two indicator locations are chosen as a result of historical annual Land Use Census and based on meteorological dispersion calculations. The third location is a control, which is located sufficiently far away from the site to be outside any potential influence from it. The edible portions of the samples are then analyzed at the environmental laboratory for gamma-emitting radionuclides.

The collection and analysis of food product vegetation samples was removed from the Yankee ODCM (Amendment 18, August, 2005) during the year. The changes were made due to the removal of all significant airborne release pathways from the site. As a completion of the REMP element, the last food products were collected in August, 2005.

2.5.8 Maple Syrup Sampling

Maple syrup is an important commercial product in northern New England, including in the neighborhood of YR site. Consequently, samples are collected annually from two locations although there is no ODCM requirement. These samples are collected from the syrup manufacturer as a finished product, that is, following the boiling down of the maple sap that, in theory, concentrates any radioactive particulates in the media, thereby increasing the probability of detection. Since the samples have already been boiled down as part of the syrup production process, no preservatives are needed in the samples. Following collection, the samples are analyzed at the E-LAB for gamma-emitting radionuclides. It should be noted that because of the boiling down and filtering of the sap, the resulting radionuclide measurements do not represent actual environmental concentrations. It is estimated that the resulting syrup has been concentrated by a factor of from 15 to 120 times the original sap, depending mostly on the time of the season that the sap was collected.

The collection and analysis of maple syrup samples was removed from the Yankee ODCM (Amendment 18, August, 2005) during the year. The changes were made due to the removal of all significant airborne release pathways from the site. Samples for 2005 were collected (March – April) and analyzed as the last set of this media type prior to its elimination from the REMP.

2.5.9 TLD Monitoring

Direct gamma radiation exposure is continuously monitored with the use of thermoluminescent dosimeters (TLDs). Specifically, Panasonic UD-801AS1 and UD-814AS1 calcium sulfate dosimeters are used, with a total of five elements in place at each monitoring location. Each pair of dosimeters is sealed in a plastic bag, which is in turn housed in a plastic-screened container. This container is attached to an object such as a tree, fence or utility pole. TLDs are posted at 33 locations, 24 which are required by the ODCM (prior to Revision 18 of the ODCM). All the TLDs are read out quarterly.

During 2002, new sets of 16 TLDs were installed at locations to monitor the Independent Spent Fuel Storage Installation (ISFSI) prior to, during and following completion of fuel transfer. These locations are listed in Table 2-3. In 2004, one of the ISFSI TLD locations (IF-18) was relocated about 60 feet closer to the storage pad. This was necessary when the Screen Well House, upon which the TLD had been mounted, was demolished as part of site decommissioning activities. The ISFSI TLD monitoring is not part of the REMP program but will be continued as part of the overall ISFSI surveillance program following the Part 50 license termination for the rest of the site.

TABLE 2-1

**Radiological Environmental Monitoring Program
(Sample Types, Collection Frequency, Analysis Requirements)
(As required by ODCM Table 4.1)**

Exposure Pathway And/or Sample Media	Collection			Analysis	
	Number of Sample Locations	Routine Sampling Mode	Collection Frequency	Analysis Type	Analysis Frequency
1. Direct Radiation (TLDs)	24* (changed to 6 during 2005)	Continuous	Quarterly	Gamma Dose	Each TLD
2. Airborne: Particulates (removed during 2005)	5	Continuous	Once per two weeks	Gross Beta Gamma Isotopic	Each Sample Quarterly Composite by Location
3. Waterborne					
a. Surface Water	1	Composite at two hour intervals- Downstream	Monthly	Gross Beta Gamma Isotopic Tritium (H-3)	Each Sample Each Sample Quarterly Composite
b. Ground Water	1	Grab -Upstream	Monthly		
b. Ground Water	2	Grab	Quarterly	Gamma Isotopic Tritium (H-3)	Each Sample Each Sample
c. Shoreline Sediment	2	Grab	Semiannually	Gamma Isotopic	Each Sample

*Does not include Site Restricted Area fence locations and those TLDs associated with ISFSI pad monitoring.

TABLE 2-1
(Continued)

Radiological Environmental Monitoring Program
(Sample Types, Collection Frequency, Analysis Requirements)
(As required by ODCM Table 4.1)

Exposure Pathway And/or Sample Media	Collection			Analysis	
	Nominal Number of Sample Locations	Routine Sampling Mode	Nominal Collection Frequency	Analysis Type	Analysis Frequency
4. Ingestion					
a. Fish	2	Grab	Semiannually (or seasonal if appropriate)	Gamma Isotopic on edible portions	Each sample
b. Food Products					
Tuberous or above ground vegetables, or fruit (remove during 2005)	3	Grab	At harvest	Gamma Isotopic on edible portion	Each sample

TABLE 2-2

**Radiological Environmental Monitoring Locations (non-TLD) in 2005
Yankee Rowe Station**

<u>Exposure</u> <u>Pathway</u>	<u>Station</u> <u>Code</u>	<u>Station Description</u>	<u>Type</u> ^(a)	<u>Distance</u> <u>From Site</u> <u>(km)</u>	<u>Direction</u>
1. Airborne ^(c)					
	AP-11(DAP-4) ^(b)	Observation Stand	I	0.5	N
	AP-12	Monroe Bridge	I	1.1	SW
	AP-13	Rowe School	I	4.2	SE
	AP-14	Harriman Station	I	3.2	N
	AP-21	Williamstown, MA	C	22.2	W
	AP-31 ^(b)	YAEC Visitor's Center	I	0.8	SW
	DAP-1 ^(b)	Gatehouse	DI	0.1	W
	DAP-2 ^(b)	ISFSI north fence	DI	0.1	SSE
	DAP-3 ^(b)	DEMCO Trailer	DI	0.1	NE
2. Waterborne					
a. Surface					
	WR-11	Bear Swamp Lower	I	6.3	Down-river
	WR-21	Harriman Reservoir	C	10.1	Up-river
	WR-31 ^(b)	Sherman Pond	I	0.1	N
b. Ground					
	WG-11	Site Potable	I	On-site	--
	WG-12	Sherman Spring	I	0.2	NW
c. Storm Drain					
	WW-51 ^(b)	East Storm Drain	I	On-site	--
	WW-52 ^(b)	West Storm Drain	I	On-site	--
d. Sediment					
	SE-11	No. 4 Station	I	36.2	Down-river
	SE-21	Harriman Reservoir	C	10.1	Up-river
	SE-91 ^(b)	Sherman Pond	I	0.1	N
3. Ingestion					
a. Fish					
	FH-11	Sherman Pond	I	1.5	Near Discharge
	FH-21	Harriman Reservoir	C	10.1	Up-river

(a) I=Indicator Station, C=Control Station, DI=Demolition release indicators (Not part of REMP).

(b) Additional stations not required by the ODCM Radiological Environmental Monitoring Program (ODCM Table 4.4).

(c) Air particulate sampling discontinued during 2005.

(d) The requirement for food product sampling was discontinued during 2005.

TABLE 2-2
(Continued)

Radiological Environmental Monitoring Locations (non-TLD) in 2005
Yankee Rowe Station

<u>Exposure</u> <u>Pathway</u>	<u>Station</u> <u>Code</u>	<u>Station Description</u>	<u>Type</u> ^(a)	<u>Distance</u> <u>From Site</u> <u>(km)</u>	<u>Direction</u>
b. Food Products ^(d)					
	TF-11	Monroe Bridge, MA	I	1.3	SW
	TF-13	Monroe, MA	I	1.9	WNW
	TF-21	Williamstown, MA	C	21.0	WSW
	MS-33 ^(b) (Maple Syrup)	Rowe, MA	I	1.0	S
	MS-45 ^(b) (Maple Syrup)	Florida, MA	C	10.5	WSW

(a) I=Indicator Station, C=Control Station, DI=Demolition release indicators (Not part of REMP)

(b) Additional stations not required by the ODCM Radiological Environmental Monitoring Program (ODCM Table 4.4)

(c) Air particulate sampling discontinued during 2005.

(d) The requirement for food product sampling was discontinued during 2005.

TABLE 2-3

**Radiological Environmental Monitoring Locations (TLD) in 2005
Yankee Rowe Station**

Station Code	Station Description	Type ^(a)	Distance From Site (km) ^(c)	Direction From Site
GM-1	YAEC Visitors' Center (Furlon House)	I	0.8	SW
GM-2	Observation Stand	I	0.5	NW
GM-3	Rowe School ^(d)	I	4.2	SE
GM-4	Harriman Station ^(d)	I	3.2	N
GM-5	Monroe Bridge ^(d)	I	1.1	SW
GM-6	Readsboro Road Barrier	I	1.3	N
GM-7	Whitingham Line ^(d)	I	3.5	NE
GM-8	Monroe Hill Barrier ^(d)	I	1.8	S
GM-9	Dunbar Brook ^(d)	I	3.2	SW
GM-10	Cross Road ^(d)	I	3.5	E
GM-11	Adams High Line ^(d)	I	2.1	WNW
GM-12	Readsboro, VT ^(d)	I	5.5	NNW
GM-13 ^(b)	Restricted Area Fence	F	0.08	WSW
GM-14 ^(b)	Restricted Area Fence	F	0.11	WNW
GM-15 ^(b)	Restricted Area Fence	F	0.08	NNW
GM-16 ^(b)	Restricted Area Fence	F	0.13	NNE
GM-17 ^(b)	Restricted Area Fence	F	0.14	ENE
GM-18 ^(b)	Restricted Area Fence	F	0.14	ESE
GM-19 ^(b)	Restricted Area Fence	F	0.16	SE
GM-20 ^(b)	Restricted Area Fence	F	0.16	SSE
GM-21 ^(b)	Restricted Area Fence	F	0.11	SSW
GM-22	Heartwellville, VT	C	12.6	NNW
GM-23	Williamstown Substation ^(d)	C	22.2	W
GM-25	Whitingham, VT ^(d)	O	7.7	NNE
GM-27	Number 9 Road	O	7.6	ENE
GM-29	Route 8A	O	8.2	ESE

(a) I = Indicator TLD; C = Control TLD; O = Outer Ring TLD; F = Fence line TLD, IF=ISFSI.

(b) These TLDs are located inside of the site boundary and not, therefore, part of the REMP program. These were placed inside of the site boundary to provide early indication of the potential increase in site boundary dose due to site-related activities.

(c) GM station distances and direction are from the former plant stack.

(d) Requirements for these locations were discontinued as part of Amendment 18 to the ODCM during 2005.

(e) These TLDs monitor the Yankee Rowe ISFSI and are not part of the REMP program.

(f) IF station distances and direction from ISFSI pad.

TABLE 2-3
(Continued)

Radiological Environmental Monitoring Locations (TLD) in 2005
Yankee Rowe Station

Station Code	Station Description	Type ^(a)	Distance From Site/ISFSI (km)	Direction From Site/ISFSI
GM-31	Legate Hill Road	O	7.6 ^(c)	SSE
GM-32	Rowe Road ^(d)	O	7.9 ^(c)	S
GM-33	Zoar Road ^(d)	O	6.9 ^(c)	SSW
GM-35	Whitcomb Summit ^(d)	O	8.6 ^(c)	WSW
GM-36	Tilda Road ^(d)	O	6.6 ^(c)	W
GM-38	West Hill Road ^(d)	O	6.6 ^(c)	NW
GM-40	Readsboro Road	I	0.7 ^(c)	W
IF-1 ^(e)	ISFSI Security Fence	IF	0.02 ^(f)	WNW
IF-2 ^(e)	Observation Stand	IF	0.56 ^(f)	NW
IF-3 ^(e)	ISFSI Security Fence	IF	0.02 ^(f)	N
IF-4 ^(e)	ISFSI Security Fence	IF	0.03 ^(f)	NE
IF-5 ^(e)	ISFSI Security Fence	IF	0.05 ^(f)	E
IF-6 ^(e)	ISFSI Security Fence	IF	0.02 ^(f)	SE
IF-7 ^(e)	ISFSI Security Fence	IF	0.02 ^(f)	S
IF-8 ^(e)	ISFSI Security Fence	IF	0.04 ^(f)	SW
IF-9 ^(e)	Restricted Area Fence	IF	0.05 ^(f)	SE
IF-10 ^(e)	Restricted Area Fence	IF	0.05 ^(f)	SSE
IF-11 ^(e)	Restricted Area Fence	IF	0.14 ^(f)	SW
IF-12 ^(e)	Restricted Area Fence	IF	0.21 ^(f)	N
IF-18 ^(e)	YNPS CW Intake	IF	0.24 ^(f)	NNW
IF-19 ^(e)	ISFSI Security Fence Admin. Building	IF	0.17 ^(f)	W
IF-20 ^(e)	ISFSI Security Fence Gatehouse	IF	0.24 ^(f)	WNW
IF-40 ^(e)	Readsboro Road	IF	0.70 ^(f)	WNW

(a) I = Indicator TLD; C = Control TLD; O = Outer Ring TLD; F = Fence line TLD, IF=ISFSI.

(b) These TLDs are located inside of the site boundary and not, therefore, part of the REMP program. These were placed inside of the site boundary to provide early indication of the potential increase in site boundary dose due to site-related activities.

(c) GM station distances and direction are from the former plant stack.

(d) Requirements for these locations were discontinued as part of Amendment 18 to the ODCM during 2005.

(e) These TLDs monitor the Yankee Rowe ISFSI and are not part of the REMP program.

(f) IF station distances and direction from ISFSI pad.

TABLE 2-4

**Environmental Lower Limit of Detection (LLD) Sensitivity
Requirements from ODCM Table 4.3**

Analysis	Water (pCi/l)	Airborne Particulates^(a) (pCi/m³)	Fish (pCi/kg) (wet)	Food Product^(a) (pCi/kg) (wet)	Sediment (pCi/kg -dry)
Gross-Beta	4	0.01			
H-3	2000				
Co-58,60	15		130		
Cs-134	15	0.05	130	60	150
Cs-137	18	0.06	150	80	180

^(a) Revision 18 (dated August, 2005) of the ODCM eliminated further consideration of the airborne release pathways (Air sampling and food products) due to the elimination of airborne effluent potential.

TABLE 2-5

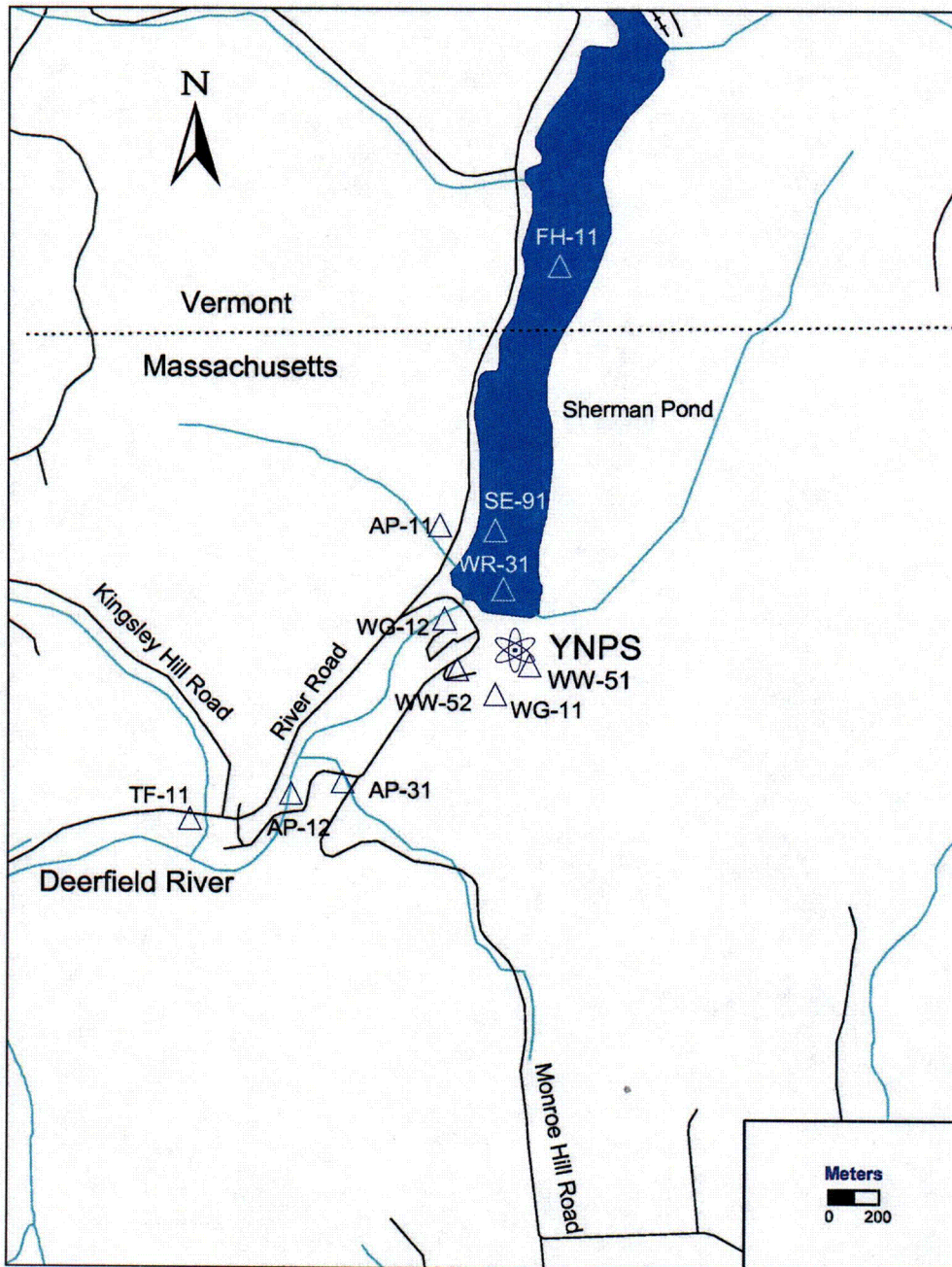
**Reporting Levels for Radioactivity Concentrations
In Environmental Samples from ODCM Table 4.2**

Analysis	Water (pCi/l)*	Airborne Particulates ** (pCi/m³)	Fish (pCi/kg)	Food Product (pCi/kg)** (wet)
H-3	30000			
Mn-54	1000		30000	
Co-58	1000		30000	
Co-60	300		10000	
Zn-65	300		20000	
Zr-Nb-95	400			
Cs-134	30	10	1000	1000
Cs-137	50	20	2000	2000

* Reporting Level for non-drinking water pathways.

** Revision 18 (August, 2005) of the ODCM eliminated further consideration of the airborne release pathways (Air sampling and food products) due to the elimination of airborne effluent potential.

Figure 2-1 Radiological Environmental Sampling Locations
Within 1 Mile of Yankee Rowe Station



c-01

Figure 2-2 Radiological Environmental Sampling Locations
Within 12 Miles of Yankee Rowe Station

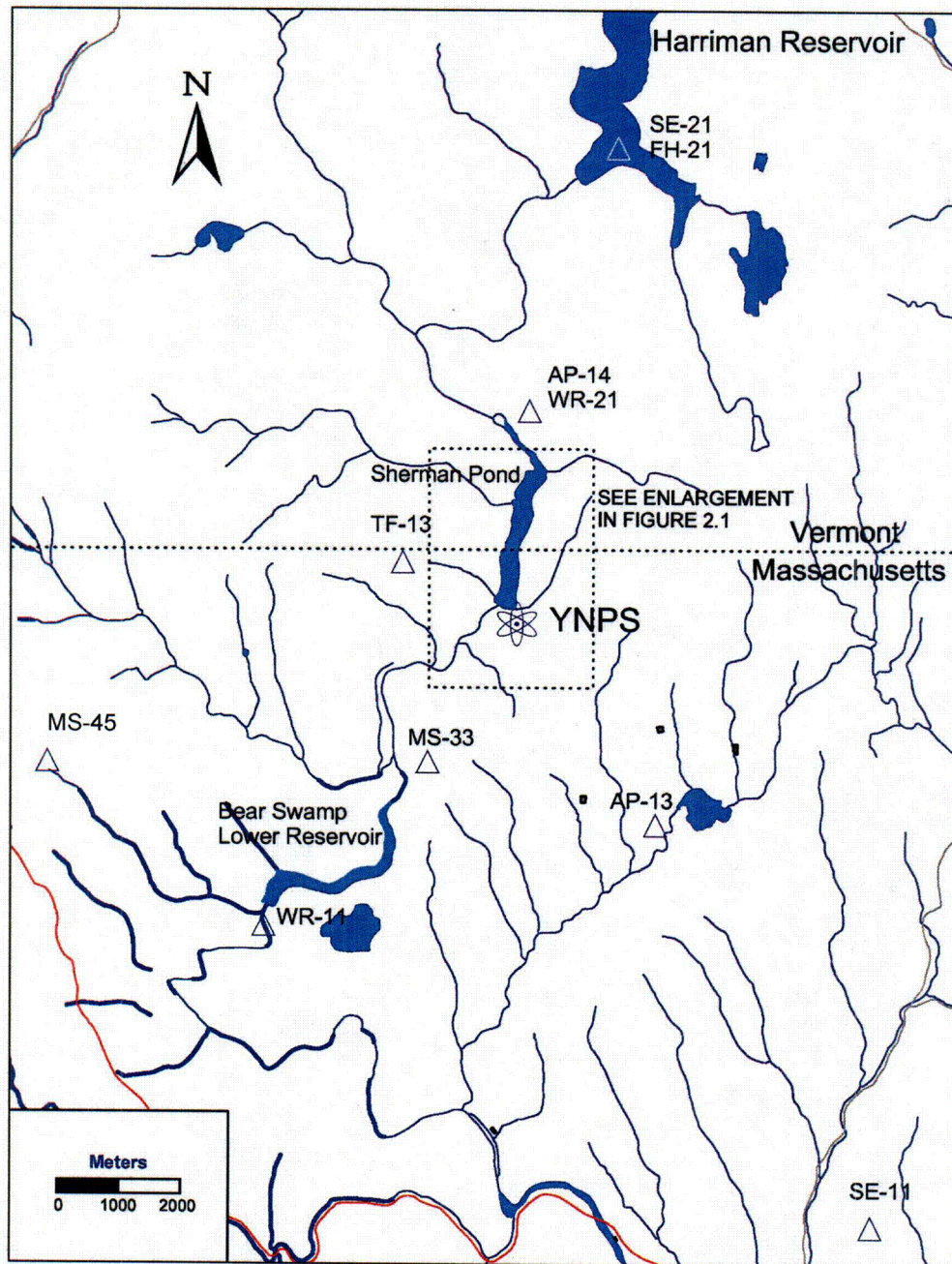
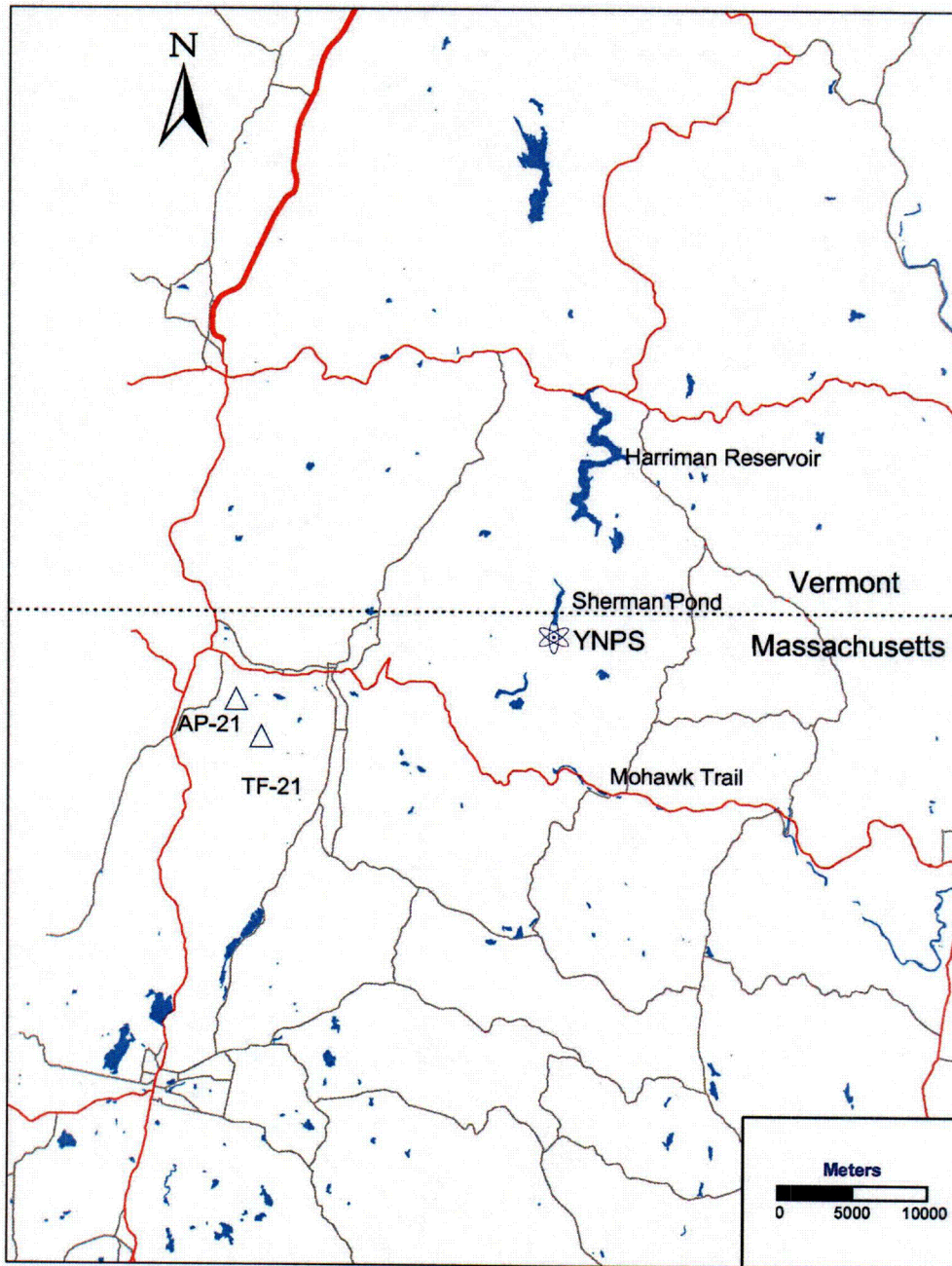
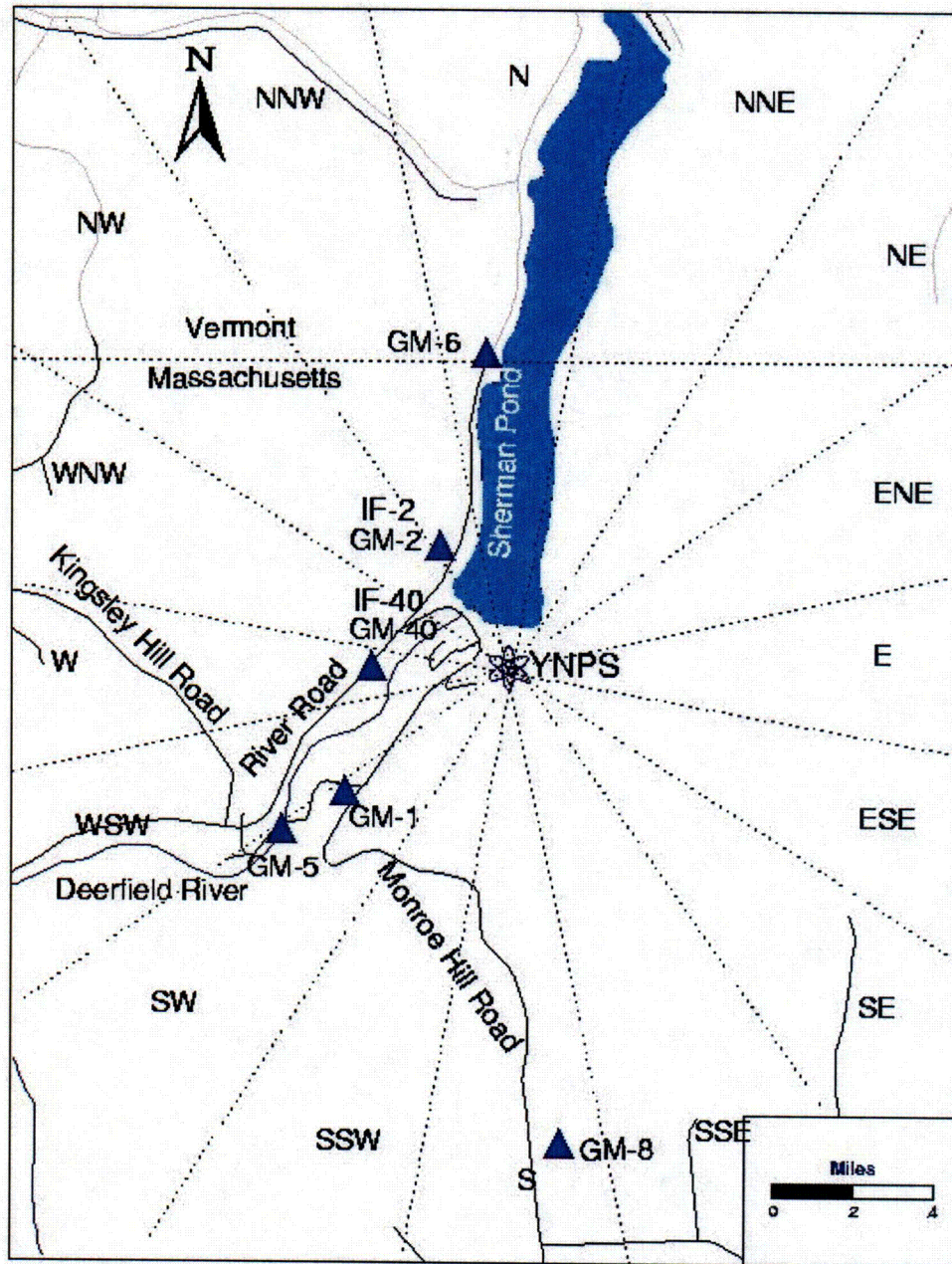


Figure 2-3 Radiological Environmental Sampling Locations
Outside 12 Miles of Yankee Rowe Station



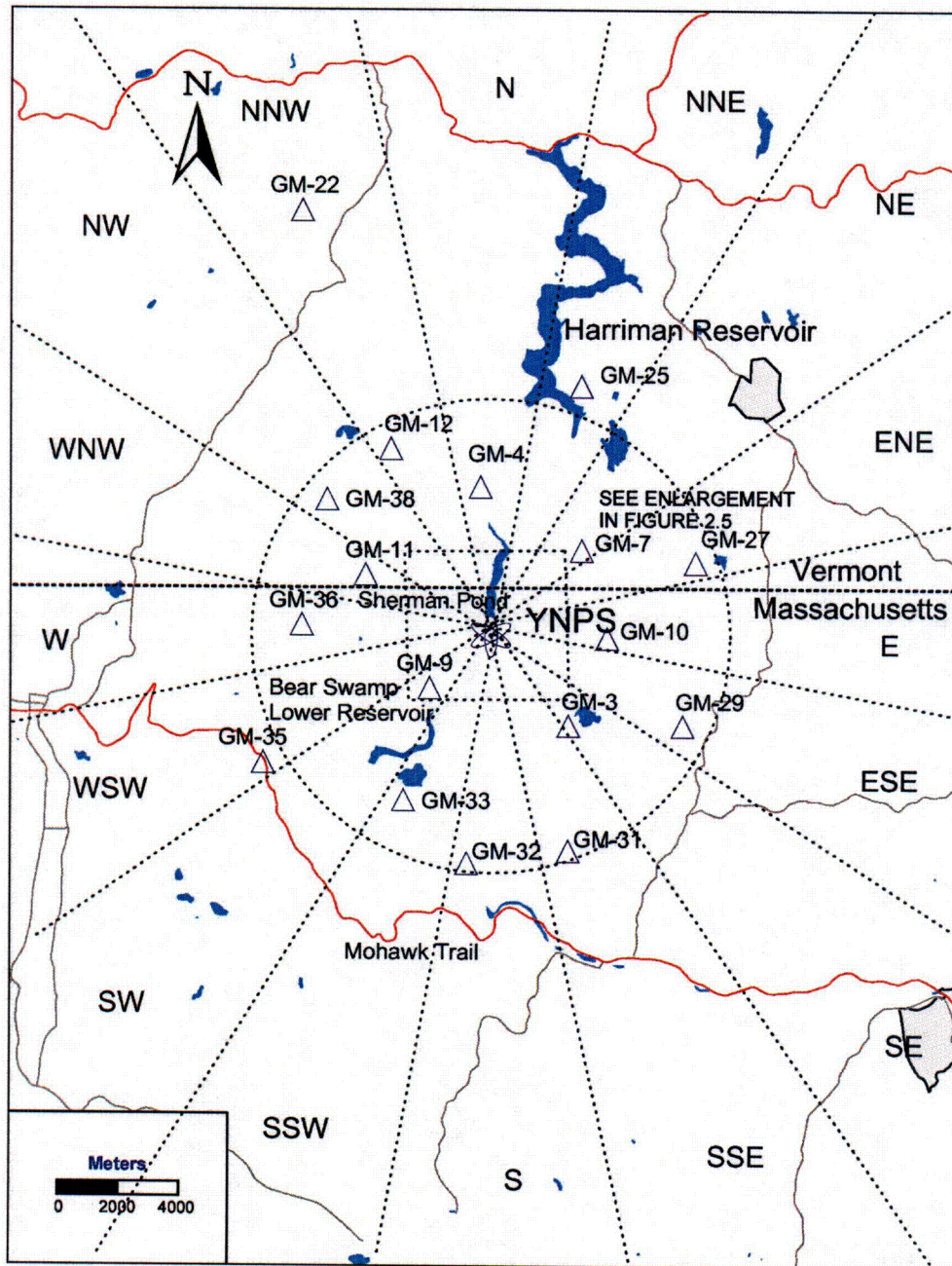
C-03

Figure 2-4 Environmental TLD Monitoring Locations
Within 1 Mile of Yankee Rowe Station



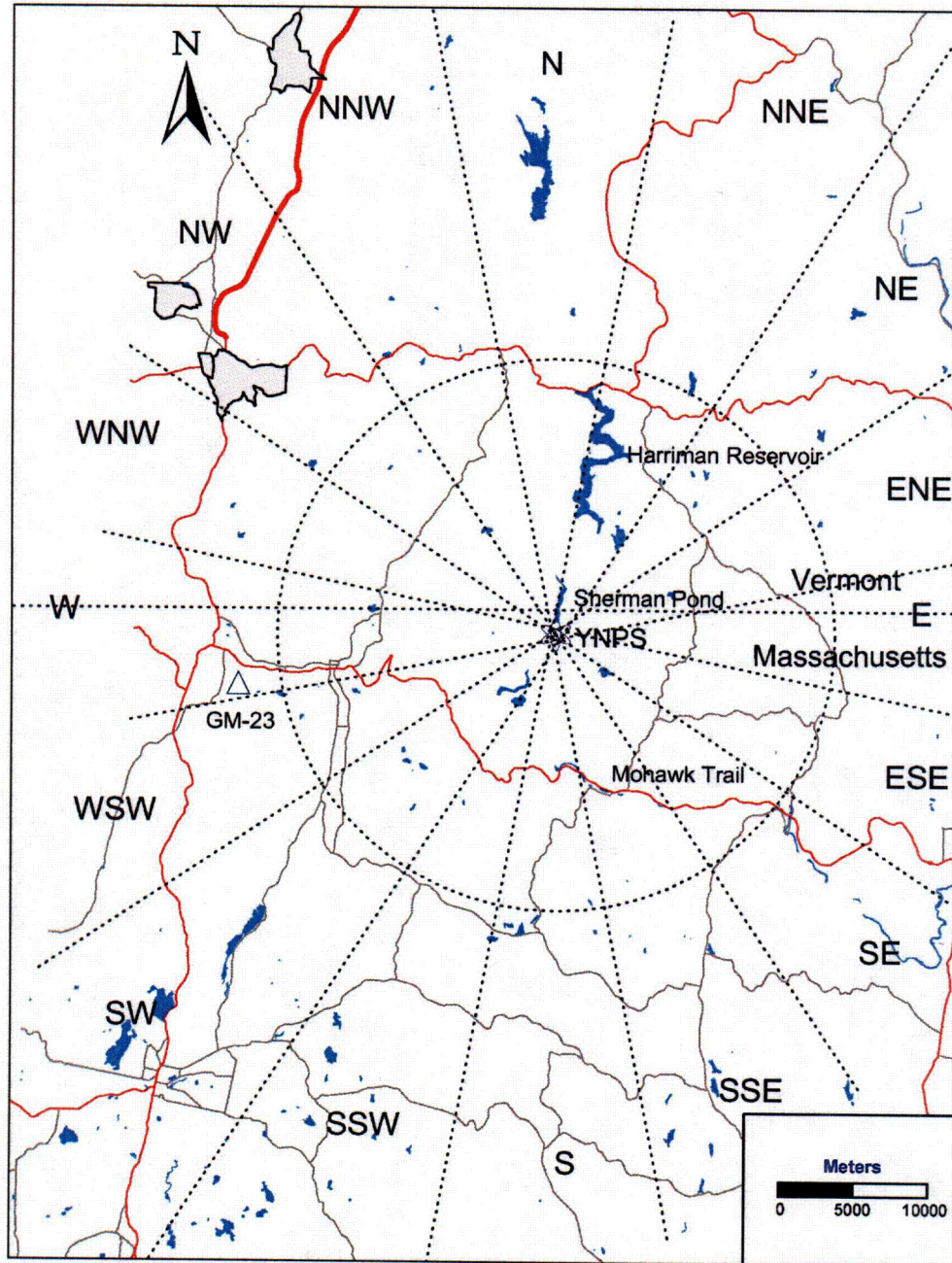
C-04

Figure 2-5 Environmental TLD Monitoring Locations
Within 12 Miles of Yankee Rowe Station



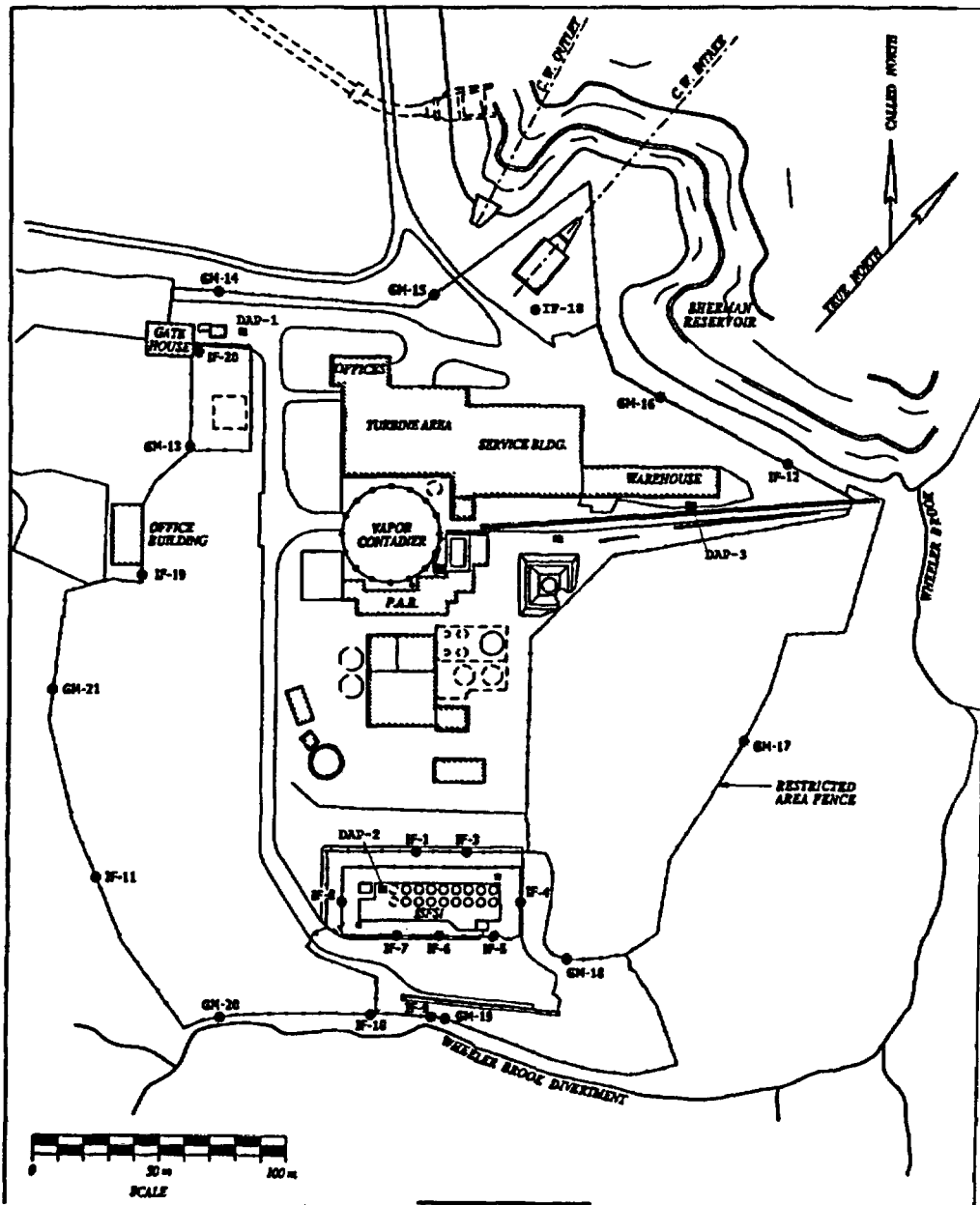
C-05

Figure 2-6 Environmental TLD Monitoring Locations
Outside of 12 Miles from Yankee Rowe Station



C-06

Figure 2-7 Environmental TLD Monitoring Locations
For the ISFSI Facility at the Yankee Rowe Station



3.0 RADIOLOGICAL DATA SUMMARY TABLES

This section summarizes the analytical results of the environmental samples that were collected during 2005. These results, shown in Table 3-1, are presented in a format similar to that prescribed in the NRC's Radiological Assessment Branch Technical Position on Environmental Monitoring (Reference 1). The results are ordered by sample media type and then by radionuclide for the pathways described in Section 2.3. A comparison of indicator stations versus control stations is presented. Table 3-2 provides the same information for TLD direct radiation measurements.

The left-most column contains the radionuclide of interest, the total number of analyses for that radionuclide in 2005, and the number of measurements which exceeded the Reporting Levels found in Table 4.2 of the YR ODCM. The latter are classified as "Non-routine" results. The second column lists the required Lower Limit of Detection (LLD) for those radionuclides, as specified in the ODCM Table 4.3. The absence of a value in this column indicates that no LLD is specified in the ODCM for that radionuclide in that media. The target LLD for any analysis is typically 30-40 percent of the most restrictive required LLD. Occasionally the required LLD is not met. This is usually due to malfunctions in sampling equipment, which result in low sample volume. Such cases are addressed in Section 4.2.

For each radionuclide and media type, the remaining three columns summarize the data for the following categories of monitoring locations: (1) the indicator stations, which are within the range of influence of the site and which could conceivably be affected by site activities; (2) the station which had the highest mean concentration during 2005 for that radionuclide; and (3) the control stations, which are beyond the influence of the site. Direct radiation monitoring stations (using TLDs) are grouped into Indicator, Outer Ring, Fence line and Control stations.

In each of these columns, for each radionuclide, the following are given:

- the mean value of all concentrations including negative values and values that are not considered "detectable".
- the lowest and highest concentration, and
- the number of detectable measurements divided by the total number of measurements.

A sample is considered to yield a "detectable measurement" when the concentration exceeds three times its associated standard deviation. The standard deviation on each measurement 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.

The radionuclides reported in this section represent those that: 1) had a Reporting Level listed in Table 4.2 of the ODCM or, a LLD requirement in Table 4.3 of the ODCM, or 2) had a positive measurement of radioactivity, whether it was naturally-occurring or man-made; or 3) were of specific interest for any other reason. The radionuclides that are routinely analyzed and reported by the E-LAB in a gamma spectroscopy analysis includes: Ac-Th-228, Ag-108m, Ag-110m, Ba-140, Be-7, Ce-141, Ce-144, Co-57, Co-58, Co-60, Cr-51, Cs-134, Cs-137, Fe-59, I-131, K-40, La-140, Mn-54, Nb-95, Ru-103, Ru-106, Sb-124, Sb-125, Se-75, Zn-65 and Zr-95. In no case did a radionuclide not shown in Table 3-1 appear as a "detectable measurement" during 2005.

Data from direct radiation measurements made by TLDs are provided in Table 3-2 in a format essentially the same as above. The complete listing of quarterly TLD data is provided in Table 3-3. Table 3-4 contains a list of new TLDs placed to monitor the Yankee ISFSI site. Locations of these, including two located offsite, are shown in Figures 2-4 and 2-7.

Table 3-1
 Radiological Environmental Program Summary
 Yankee Nuclear Power Station, Rowe, MA
 (January - December 2005)

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

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***
GR-B (132) (0)	0.01	2.0E -2 (8.7 - 40.2)E -3 (111/ 111)	13	2.5E -2 (1.4 - 4.0)E -2 (21/ 21)	1.9E -2 (8.4 - 34.8)E -3 (21/ 21)
Be-7 (19) (0)		1.0E -1 (6.5 - 14.4)E -2 (16/ 16)	13	1.3E -1 (1.1 - 1.4)E -1 (3/ 3)	7.8E -2 (5.1 - 11.1)E -2 (3/ 3)
K-40 (19) (0)		-2.1E -3 (-1.2 - 0.5)E -2 (0/ 16)	31	8.7E -4 (-5.5 - 4.7)E -3 (0/ 3)	5.0E -4 (-8.0 - 21.0)E -4 (0/ 3)
Co-58 (19) (0)		5.7E -5 (-4.2 - 5.9)E -4 (0/ 16)	13	2.3E -4 (-3.9 - 5.9)E -4 (0/ 3)	-7.3E -5 (-7.7 - 3.1)E -4 (0/ 3)
Co-60 (19) (0)		3.7E -5 (-7.1 - 4.3)E -4 (0/ 16)	13	1.7E -4 (-3.0 - 43.0)E -5 (0/ 3)	-6.7E -5 (-7.4 - 3.4)E -4 (0/ 3)
Cs-134 (19) (0)	0.05	5.4E -5 (-4.8 - 4.2)E -4 (0/ 16)	13	1.3E -4 (-4.5 - 4.2)E -4 (0/ 3)	-2.9E -4 (-6.0 - -0.1)E -4 (0/ 3)
Cs-137 (19) (0)	0.06	7.6E -5 (-4.6 - 5.8)E -4 (0/ 16)	14	2.3E -4 (-7.0 - 51.0)E -5 (0/ 3)	0.0E 0 (-2.1 - 1.8)E -4 (0/ 3)
Th-232 (19) (0)		1.2E -4 (-1.3 - 2.1)E -3 (0/ 16)	31	5.8E -4 (-2.0 - 10.4)E -4 (0/ 3)	-1.1E -3 (-2.5 - 0.1)E -3 (0/ 3)

Table 3-1
Radiological Environmental Program Summary
Yankee Nuclear Power Station, Rowe, MA
(January - December 2005)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***	
K-40 (4) (0)		3.0E 3 (2.5 - 3.5)E 3 (2/ 2)	21	3.2E 3 (2.5 - 3.8)E 3 (2/ 2)	3.2E 3 (2.5 - 3.8)E 3 (2/ 2)	
Mn-54 (4) (0)		1.2E 1 (9.0 - 14.7)E 0 (0/ 2)	11	1.2E 1 (9.0 - 14.7)E 0 (0/ 2)	-3.6E 0 (-4.2 - -3.0)E 0 (0/ 2)	
Co-58 (4) (0)	130	-2.0E 0 (-4.9 - 1.0)E 0 (0/ 2)	11	-2.0E 0 (-4.9 - 1.0)E 0 (0/ 2)	-2.0E 1 (-2.1 - -2.0)E 1 (0/ 2)	
Fe-59 (4) (0)		1.6E 1 (-4.0 - 35.0)E 0 (0/ 2)	21	2.7E 1 (1.6 - 3.8)E 1 (0/ 2)	2.7E 1 (1.6 - 3.8)E 1 (0/ 2)	
Co-60 (4) (0)	130	7.0E 0 (-9.0 - 23.0)E 0 (0/ 2)	21	8.8E 0 (-3.4 - 21.0)E 0 (0/ 2)	8.8E 0 (-3.4 - 21.0)E 0 (0/ 2)	
Zn-65 (4) (0)		-2.6E 1 (-4.6 - -0.5)E 1 (0/ 2)	21	-2.3E 1 (-3.0 - -1.5)E 1 (0/ 2)	-2.3E 1 (-3.0 - -1.5)E 1 (0/ 2)	
Cs-134 (4) (0)	130	-5.0E 0 (-8.1 - -2.0)E 0 (0/ 2)	11	-5.0E 0 (-8.1 - -2.0)E 0 (0/ 2)	-6.0E 0 (-1.5 - 0.3)E 1 (0/ 2)	
Cs-137 (4) (0)	150	3.8E 1 (3.1 - 4.5)E 1 (0/ 2)	11	3.8E 1 (3.1 - 4.5)E 1 (0/ 2)	1.6E 1 (1.0 - 2.2)E 1 (0/ 2)	

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
Radiological Environmental Program Summary
Yankee Nuclear Power Station, Rowe, MA
(January - December 2005)

MEDIUM: Maple Syrup (MS) UNITS: pCi/kg

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***
Be-7 (2) (0)		-1.1E 1 (0/ 1)	45	5.0E 0 (0/ 1)	5.0E 0 (0/ 1)
K-40 (2) (0)		1.8E 3 (1/ 1)	33	1.8E 3 (1/ 1)	1.5E 3 (1/ 1)
Mn-54 (2) (0)		-3.0E -1 (0/ 1)	45	5.9E 0 (0/ 1)	5.9E 0 (0/ 1)
Co-57 (2) (0)		-9.0E -1 (0/ 1)	33	-9.0E -1 (0/ 1)	-1.2E 0 (0/ 1)
Co-58 (2) (0)		-7.0E -1 (0/ 1)	45	2.6E 0 (0/ 1)	2.6E 0 (0/ 1)
Fe-59 (2) (0)		1.6E 1 (0/ 1)	33	1.6E 1 (0/ 1)	2.8E 0 (0/ 1)
Co-60 (2) (0)		3.2E 0 (0/ 1)	33	3.2E 0 (0/ 1)	-3.0E 0 (0/ 1)
Zn-65 (2) (0)		1.2E 1 (0/ 1)	45	1.5E 1 (0/ 1)	1.5E 1 (0/ 1)
Zr-95 (2) (0)		-7.8E 0 (0/ 1)	45	5.8E 0 (0/ 1)	5.8E 0 (0/ 1)
Ru-103 (2) (0)		0.0E 0 (0/ 1)	33	0.0E 0 (0/ 1)	-1.9E 0 (0/ 1)
Ru-106 (2) (0)		-6.0E 0 (0/ 1)	33	-6.0E 0 (0/ 1)	-3.6E 1 (0/ 1)
Ag-110m (2) (0)		6.3E 0 (0/ 1)	33	6.3E 0 (0/ 1)	-7.0E -1 (0/ 1)

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
Radiological Environmental Program Summary
Yankee Nuclear Power Station, Rowe, MA
(January - December 2005)

MEDIUM: Maple Syrup (MS) UNITS: pCi/kg

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***		
Sb-124 (2) (0)		3.3E 0 (0/ 1)	33	3.3E 0 (0/ 1)	3.0E 0 (0/ 1)		
I-131 (2) (0)		8.3E 0 (0/ 1)	33	8.3E 0 (0/ 1)	-2.0E 0 (0/ 1)		
Cs-134 (2) (0)	60	6.6E 0 (0/ 1)	33	6.6E 0 (0/ 1)	-3.2E 0 (0/ 1)		
Cs-137 (2) (0)	80	9.6E 0 (0/ 1)	33	9.6E 0 (0/ 1)	4.3E 0 (0/ 1)		
Ba-140 (2) (0)		8.8E 0 (0/ 1)	33	8.8E 0 (0/ 1)	2.1E 0 (0/ 1)		
Ce-141 (2) (0)		-3.9E 0 (0/ 1)	45	8.2E 0 (0/ 1)	8.2E 0 (0/ 1)		
Ce-144 (2) (0)		-3.0E 1 (0/ 1)	45	7.0E 0 (0/ 1)	7.0E 0 (0/ 1)		
Th-232 (2) (0)		5.0E 0 (0/ 1)	45	1.9E 1 (0/ 1)	1.9E 1 (0/ 1)		

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
 Radiological Environmental Program Summary
 Yankee Nuclear Power Station, Rowe, MA
 (January - December 2005)

MEDIUM: Sediment (SE) UNITS: pCi/kg dry

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***
Be-7 (18) (0)		1.1E 2 (-2.5 - 9.1)E 2 (1/ 12)	11	2.2E 2 (-2.4 - 9.1)E 2 (1/ 6)	3.5E 1 (-2.3 - 1.8)E 2 (0/ 6)
K-40 (18) (0)		2.1E 4 (1.4 - 2.8)E 4 (12/ 12)	91	2.5E 4 (2.1 - 2.8)E 4 (6/ 6)	1.6E 4 (1.4 - 1.7)E 4 (6/ 6)
Co-58 (18) (0)		-6.7E 0 (-2.7 - 1.3)E 1 (0/ 12)	11	-6.5E 0 (-1.4 - 0.5)E 1 (0/ 6)	-8.3E 0 (-2.1 - -0.1)E 1 (0/ 6)
Co-60 (18) (0)		7.5E -1 (-2.6 - 2.1)E 1 (0/ 12)	91	1.2E 0 (-2.4 - 1.7)E 1 (0/ 6)	-4.2E 0 (-2.5 - 0.8)E 1 (0/ 6)
Cs-134 (18) (0)	150	-1.3E 0 (-4.0 - 2.4)E 1 (0/ 12)	21	5.4E 0 (-1.2 - 2.4)E 1 (0/ 6)	5.4E 0 (-1.2 - 2.4)E 1 (0/ 6)
Cs-137 (18) (0)	180	6.0E 2 (6.4 - 112.3)E 1 (12/ 12)	91	1.0E 3 (8.4 - 11.2)E 2 (6/ 6)	2.3E 2 (-5.0 - 665.0)E 0 (4/ 6)
Th-232 (18) (0)		1.4E 3 (7.8 - 22.7)E 2 (12/ 12)	91	1.7E 3 (1.4 - 2.3)E 3 (6/ 6)	4.9E 2 (4.2 - 6.2)E 2 (6/ 6)

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
Radiological Environmental Program Summary
Yankee Nuclear Power Station, Rowe, MA
(January - December 2005)

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

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Station	Mean Range No. Detected***	Station
K-40	(3)	2.6E 3	13	4.5E 3	13	1.4E 3	13
	(0)	(7.4 - 45.2)E 2 (2/ 2)		(1/ 1)		(1/ 1)	
Co-58	(3)	0.0E 0	11	9.0E 0	11	4.0E 0	11
	(0)	(-9.0 - 9.0)E 0 (0/ 2)		(0/ 1)		(0/ 1)	
Co-60	(3)	-6.0E 0	21	2.0E 0	21	2.0E 0	21
	(0)	(-7.0 - -5.0)E 0 (0/ 2)		(0/ 1)		(0/ 1)	
I-131	(3)	2.4E 2	11	2.6E 2	11	0.0E 0	11
	(0)	(2.2 - 2.6)E 2 (0/ 2)		(0/ 1)		(0/ 1)	
Cs-134	(3)	60	11	8.0E 0	11	-1.3E 1	11
	(0)	(-2.7 - 0.8)E 1 (0/ 2)		(0/ 1)		(0/ 1)	
Cs-137	(3)	80	13	2.0E 0	13	-7.0E 0	13
	(0)	(-1.3 - 0.2)E 1 (0/ 2)		(0/ 1)		(0/ 1)	

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
 Radiological Environmental Program Summary
 Yankee Nuclear Power Station, Rowe, MA
 (January - December 2005)

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

Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***	
GR-B (24) (0)	4	4.8E 0 (2.0 - 9.6)E 0 (21/ 24)	12	5.7E 0 (3.4 - 9.6)E 0 (12/ 12)		NO DATA
H-3 (24) (0)	2000	8.9E 2 (-1.9 - 70.1)E 2 (9/ 24)	12	1.8E 3 (5.0 - 701.0)E 1 (9/ 12)		NO DATA
Mn-54 (24) (0)		-7.4E -1 (-5.3 - 3.0)E 0 (0/ 24)	11	-5.3E -1 (-5.3 - 2.0)E 0 (0/ 12)		NO DATA
Co-58 (24) (0)	15	2.8E -1 (-3.8 - 4.7)E 0 (0/ 24)	12	1.0E 0 (-2.6 - 4.7)E 0 (0/ 12)		NO DATA
Fe-59 (24) (0)		-3.1E -1 (-6.0 - 5.1)E 0 (0/ 24)	12	2.4E -1 (-6.0 - 5.1)E 0 (0/ 12)		NO DATA
Co-60 (24) (0)	15	1.8E -1 (-3.0 - 4.5)E 0 (0/ 24)	12	2.0E -1 (-2.4 - 4.5)E 0 (0/ 12)		NO DATA
Zn-65 (24) (0)		-2.0E -1 (-1.1 - 1.5)E 1 (0/ 24)	11	1.9E 0 (-9.9 - 15.3)E 0 (0/ 12)		NO DATA
Zr-95 (24) (0)		1.8E 0 (-3.0 - 7.8)E 0 (0/ 24)	12	2.1E 0 (-3.0 - 7.8)E 0 (0/ 12)		NO DATA
I-131 (24) (0)		2.3E 0 (-1.1 - 1.5)E 1 (0/ 24)	12	3.2E 0 (-4.3 - 14.7)E 0 (0/ 12)		NO DATA
Cs-134 (24) (0)	15	-5.3E -1 (-4.7 - 2.6)E 0 (0/ 24)	11	-1.9E -1 (-2.6 - 2.1)E 0 (0/ 12)		NO DATA
Cs-137 (24) (0)	18	-8.4E -1 (-4.7 - 4.0)E 0 (0/ 24)	12	-8.3E -2 (-3.8 - 4.0)E 0 (0/ 12)		NO DATA
Ba-140 (24) (0)		1.2E 0 (-2.6 - 6.8)E 0 (0/ 24)	12	1.4E 0 (-2.6 - 6.8)E 0 (0/ 12)		NO DATA

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
Radiological Environmental Program Summary
Yankee Nuclear Power Station, Rowe, MA
(January - December 2005)

		<u>MEDIUM: River Water (WR) UNITS: pCi/liter</u>				
		Indicator Stations		Station With Highest Mean		Control Stations
Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Mean Range No. Detected***	Station	Mean Range No. Detected***	Station	Mean Range No. Detected***
GR-B (33) (0)	4	2.2E 0 (2.5 - 40.0)E -1 (5/ 21)	31	2.6E 0 (8.0 - 40.0)E -1 (4/ 10)		1.8E 0 (-2.0 - 390.0)E -2 (2/ 12)
H-3 (45) (0)	2000	-1.1E 2 (-8.7 - 6.8)E 2 (0/ 29)	21	-8.6E 1 (-7.2 - 3.7)E 2 (0/ 16)		-8.6E 1 (-7.2 - 3.7)E 2 (0/ 16)
Mn-54 (33) (0)		-6.1E -1 (-5.0 - 3.2)E 0 (0/ 21)	21	6.1E -2 (-2.3 - 3.0)E 0 (0/ 12)		6.1E -2 (-2.3 - 3.0)E 0 (0/ 12)
Co-58 (33) (0)	15	1.4E -2 (-3.5 - 3.4)E 0 (0/ 21)	31	1.1E 0 (-1.6 - 3.4)E 0 (0/ 10)		-4.4E -1 (-3.3 - 3.4)E 0 (0/ 12)
Fe-59 (33) (0)		-9.0E -2 (-9.9 - 9.7)E 0 (0/ 21)	31	2.5E -1 (-3.8 - 6.7)E 0 (0/ 10)		-3.2E -1 (-7.2 - 6.0)E 0 (0/ 12)
Co-60 (33) (0)	15	7.9E -1 (-5.4 - 8.0)E 0 (0/ 21)	31	1.4E 0 (-2.6 - 5.2)E 0 (0/ 10)		5.7E -1 (-3.5 - 3.9)E 0 (0/ 12)
Zn-65 (33) (0)		-1.5E 0 (-1.1 - 1.2)E 1 (0/ 21)	11	3.0E -1 (-7.4 - 11.8)E 0 (0/ 11)		-2.5E 0 (-1.4 - 0.2)E 1 (0/ 12)
Zr-95 (33) (0)		9.1E -1 (-4.5 - 8.0)E 0 (0/ 21)	11	1.2E 0 (-4.5 - 8.0)E 0 (0/ 11)		7.1E -1 (-3.4 - 5.2)E 0 (0/ 12)
I-131 (33) (0)		5.1E -1 (-7.0 - 7.8)E 0 (0/ 21)	21	1.9E 0 (-3.2 - 7.8)E 0 (0/ 12)		1.9E 0 (-3.2 - 7.8)E 0 (0/ 12)
Cs-134 (33) (0)	15	1.9E -1 (-1.9 - 2.3)E 0 (0/ 21)	31	5.0E -1 (-1.9 - 2.3)E 0 (0/ 10)		-2.9E -1 (-3.0 - 2.6)E 0 (0/ 12)
Cs-137 (33) (0)	18	-2.7E -1 (-4.0 - 3.6)E 0 (0/ 21)	11	2.4E -1 (-2.2 - 3.6)E 0 (0/ 11)		1.9E -1 (-4.4 - 5.1)E 0 (0/ 12)
Ba-140 (33) (0)		-5.9E -1 (-1.0 - 0.6)E 1 (0/ 21)	11	-1.6E -1 (-6.6 - 3.9)E 0 (0/ 11)		-6.3E -1 (-6.9 - 4.9)E 0 (0/ 12)

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

Table 3-1
Radiological Environmental Program Summary
Yankee Nuclear Power Station, Rowe, MA
(January - December 2005)

		<u>MEDIUM: Storm Drain Water (WW)</u>			<u>UNITS: pCi/liter</u>	
Radionuclides* (No. Analyses) Non-Routine**	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected***	Station	Mean Range No. Detected***	Mean Range No. Detected***	
GR-B (5) (0)	4	6.8E 0 (4.4 - 9.4)E 0 (5/ 5)	52	6.8E 0 (4.4 - 9.4)E 0 (5/ 5)		NO DATA
H-3 (5) (0)	400	4.7E 2 (1.7 - 6.5)E 2 (2/ 5)	52	4.7E 2 (1.7 - 6.5)E 2 (2/ 5)		NO DATA
Mn-54 (5) (0)		1.1E 0 (-5.0 - 20.0)E -1 (0/ 5)	52	1.1E 0 (-5.0 - 20.0)E -1 (0/ 5)		NO DATA
Co-58 (5) (0)	15	-9.6E -1 (-2.7 - 1.3)E 0 (0/ 5)	52	-9.6E -1 (-2.7 - 1.3)E 0 (0/ 5)		NO DATA
Fe-59 (5) (0)		2.0E 0 (-1.9 - 5.7)E 0 (0/ 5)	52	2.0E 0 (-1.9 - 5.7)E 0 (0/ 5)		NO DATA
Co-60 (5) (0)	15	-2.0E -1 (-1.6 - 1.0)E 0 (0/ 5)	52	-2.0E -1 (-1.6 - 1.0)E 0 (0/ 5)		NO DATA
Zn-65 (5) (0)		9.8E -1 (-3.4 - 4.9)E 0 (0/ 5)	52	9.8E -1 (-3.4 - 4.9)E 0 (0/ 5)		NO DATA
Zr-95 (5) (0)		2.7E 0 (-1.7 - 6.1)E 0 (0/ 5)	52	2.7E 0 (-1.7 - 6.1)E 0 (0/ 5)		NO DATA
I-131 (5) (0)		-7.6E -1 (-4.2 - 3.8)E 0 (0/ 5)	52	-7.6E -1 (-4.2 - 3.8)E 0 (0/ 5)		NO DATA
Cs-134 (5) (0)	15	-7.2E -1 (-2.1 - -0.1)E 0 (0/ 5)	52	-7.2E -1 (-2.1 - -0.1)E 0 (0/ 5)		NO DATA
Cs-137 (5) (0)	18	-2.8E -1 (-2.0 - 4.0)E 0 (0/ 5)	52	-2.8E -1 (-2.0 - 4.0)E 0 (0/ 5)		NO DATA
Ba-140 (5) (0)		-1.0E 0 (-5.2 - 1.6)E 0 (0/ 5)	52	-1.0E 0 (-5.2 - 1.6)E 0 (0/ 5)		NO DATA

*The only radionuclides reported in this table are those with LLD requirements, those for which positive radioactivity was detected, or which were considered important due to past effluent history. See Section 3 of this report for a discussion of other radionuclides that were analyzed.

**Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table 4.2.

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

**TABLE 3-2
ENVIRONMENTAL TLD DATA SUMMARY*
(JANUARY - DECEMBER 2005)
μR/hr**

<u>INDICATOR TLDs</u>	<u>OUTER RING TLDs</u>	<u>FENCELINE TLDs**</u>	<u>CONTROL TLDs</u>
MEAN	MEAN	MEAN	MEAN
RANGE	RANGE	RANGE	RANGE
<u>(NO. MEASUREMENTS)*</u>	<u>(NO. MEASUREMENTS)*</u>	<u>(NO. MEASUREMENTS)*</u>	<u>(NO. MEASUREMENTS)*</u>
6.8 ± 0.4	6.9 ± 0.4	13.8 ± 0.7	7.6 ± 0.4
4.8 - 11.3	5.0 - 10.7	5.9 - 40.2	5.9 - 8.4
(52)	(35)	(36)	(8)

OFFSITE STATION WITH HIGHEST MEAN

<u>STA.</u>	<u>MEAN</u>
<u>NO.</u>	<u>RANGE</u>
	<u>(NO. MEASUREMENTS)*</u>
GM-38	9.5 ± 0.5
	8.5 - 10.8
	(4)

* Each "measurement" is based on quarterly readings from five TLD elements. Measurement units are μR/hr.

** Not part of REMP Program (TLD locations are inside the site boundary). Increased exposure rates are due to fuel placement on the ISFSI which began in the 2nd half of 2002. Fuel and GTCC placement was completed in June 2003.

TABLE 3-3
2005 ENVIRONMENTAL TLD MEASUREMENTS*
(Micro-R per hour)

Sta. No.	Description	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Annual Average
		Expos.	±SD***	Expos.	±SD***	Expos.	±SD***	Expos.	±SD***	Expos.
GM01	YR Visitors Center	5.43	0.35	6.85	0.36	5.69	0.24	6.28	0.22	6.1
GM02	Observation Stand	5.54	0.28	7.26	0.29	6.69	0.53	6.93	0.29	6.6
GM03	Rowe School	4.81	0.40	6.20	0.93	5.37	0.29	6.34	0.24	5.7
GM04	Harriman Station.	5.63	0.33	6.48	0.22	5.82	0.38	6.69	0.33	6.2
GM05	Monroe Bridge	6.76	0.35	7.41	0.25	6.65	0.31	7.76	0.39	7.1
GM06	Readsboro Rd. Barrier	5.74	0.36	7.45	0.27	7.40	0.38	7.19	0.48	6.9
GM07	Whitingham Line	6.53	0.34	7.88	0.44	11.31	0.60	8.10	0.30	8.5
GM08	Monroe Hill Barrier	5.39	0.46	5.94	0.36	6.11	0.33	6.72	0.34	6.0
GM09	Dunbar Brook	5.86	0.39	7.18	0.29	7.04	0.37	7.35	0.32	6.9
GM10	Cross Road	5.37	0.32	6.43	0.34	6.79	0.41	7.17	0.38	6.4
GM11	Adams High Line	5.68	0.45	6.65	0.38	6.55	0.50	7.15	0.35	6.5
GM12	Readsboro, VT	7.74	0.52	8.00	0.29	7.89	0.53	8.28	0.33	8.0
GM13	Indust. Area Fence**	7.65	0.49	9.23	0.57	9.74	0.45	9.58	0.34	9.1
GM14	Indust. Area Fence**	6.20	0.34	9.08	0.28	10.21	0.46	8.64	0.48	8.5
GM15	Indust. Area Fence**	7.34	0.85	7.62	0.23	8.27	0.34	8.05	0.41	7.8
GM16	Indust. Area Fence**	5.92	0.31	6.28	0.20	8.55	0.45	8.00	0.49	7.2
GM17	Indust. Area Fence**	6.95	0.59	7.74	0.35	8.05	0.44	8.29	0.44	7.8
GM18	Indust. Area Fence**	24.38	1.41	29.54	1.30	40.19	2.60	39.24	1.61	33.3
GM19	Indust. Area Fence**	30.89	1.64	31.14	0.94	30.51	2.15	30.18	1.24	30.7
GM20	Indust. Area Fence**	11.78	0.79	12.85	0.43	13.35	0.72	13.57	0.90	12.9
GM21	Indust. Area Fence**	6.54	0.34	7.31	0.37	7.90	0.43	7.85	0.36	7.4
GM22	Heartwellville, VT	5.92	0.41	7.88	0.41	7.93	0.43	7.24	0.33	7.2
GM23	Williamstown.Subst.	7.61	0.47	8.17	0.29	7.65	0.30	8.37	0.35	8.0
GM25	Whitingham	5.11	0.42	5.70	0.27	5.40	0.21	6.03	0.30	5.6
GM27	No.9 Road	5.00	0.28	6.42	0.23	5.80	0.29	6.20	0.26	5.9
GM29	Route 8A	4.98	0.34	-	-	5.47	0.32	5.83	0.26	5.4
GM31	Legate Road	5.56	0.34	6.34	0.36	6.18	0.26	6.25	0.31	6.1
GM32	Rowe Road	5.61	0.43	7.06	0.38	7.20	0.33	7.28	0.28	6.8
GM33	Zoar Road	6.50	0.40	7.65	0.31	7.56	0.55	7.92	0.40	7.4
GM35	Whitcomb Subst.	6.55	0.59	7.90	0.27	7.86	0.44	8.45	0.32	7.7
GM36	Tilda Road	6.36	0.55	7.04	0.28	7.31	0.49	7.58	0.40	7.1
GM38	West Hill Rd	10.04	0.46	10.75	0.62	8.53	0.46	8.88	0.42	9.6
GM40	Readsboro Rd	5.95	0.45	7.33	0.36	7.63	0.38	-	-	7.0

* Each "measurement" is based on quarterly readings from five TLD elements.

** Not part of the REMP Program. Increased exposure rates inside the site boundary are due to fuel placement on the ISFSI which began in the 2nd half of 2002. Fuel and GTCC placement was completed in June 2003.

*** SD: Standard Deviation

TABLE 3-4
2005 ISFSI TLD MEASUREMENTS*
(Micro-R per hour)

Sta. No.	Description	1st Quarter		2nd Quarter		3rd Quarter		4 th Quarter		Annual Average
		Expos.	±SD***	Expos.	±SD***	Expos.	±SD***	Expos.	±SD***	Expos.
IF-1	ISFSI Security Fence**	328.67	31.15	339.79	8.33	307.68	24.70	329.83	13.57	326.5
IF-2	Observation Stand**	6.30	0.49	7.71	0.58	6.50	0.19	7.21	0.37	6.9
IF-3	ISFSI Security Fence**	429.88	23.52	436.25	8.21	397.15	12.80	396.85	23.55	415.0
IF-4	ISFSI Security Fence**	150.28	4.53	121.76	12.35	133.26	13.08	123.74	3.90	132.3
IF-5	ISFSI Security Fence**	272.52	18.37	244.45	20.58	231.08	7.88	236.51	10.85	246.1
IF-6	ISFSI Security Fence**	341.76	12.07	324.64	10.02	291.05	21.88	301.25	9.44	314.7
IF-7	ISFSI Security Fence**	171.13	12.76	168.87	6.56	162.93	4.24	162.52	9.62	166.4
IF-8	ISFSI Security Fence**	29.52	2.44	26.57	1.45	25.37	1.32	30.27	2.87	27.9
IF-9	Restricted Area Fence**	49.06	2.41	45.05	2.32	45.14	3.52	46.14	2.85	46.3
IF-10	Restricted Area Fence**	21.09	1.96	22.12	1.07	21.82	1.31	22.50	0.81	21.9
IF-11	Restricted Area Fence**	9.39	0.75	11.44	0.52	11.17	0.71	10.72	0.38	10.7
IF-12	Restricted Area Fence**	6.69	0.51	7.74	0.32	8.18	0.32	8.90	0.34	7.9
IF-18	YNPS CW Intake** (a)	8.93	0.46	7.81	0.60	8.75	0.56	8.55	0.29	8.5
IF-19	ISFSI Security Fence Admin. Building**	7.87	0.61	9.12	0.52	9.22	0.44	9.28	0.39	8.9
IF-20	ISFSI Security Fence Gatehouse**	7.48	0.45	8.51	0.29	8.16	0.35	8.91	0.36	8.3
IF-40	Readsboro Road**	5.85	0.53	7.75	0.40	7.22	0.59	7.67	0.30	7.1

* Each "measurement" is based on quarterly readings from five TLD elements.

** Not part of the REMP Program. Increased exposure rates inside the site boundary are due to fuel placement on the ISFSI which began in the 2nd half of 2002. Fuel and GTCC placement was completed in June 2003.

*** SD: Standard Deviation.

(a) Note: In 2004, IF-18 was relocated about 60 feet closer to the storage pad. This was necessary when the Screen Well House, upon which the TLD had been mounted, was demolished as part of site decommissioning activities.

4.0 ANALYSIS OF ENVIRONMENTAL RESULTS

4.1 SAMPLING PROGRAM DEVIATIONS

ODCM Control 4.1 allows for deviations "if specimens are unobtainable due to hazardous conditions, seasonal unavailability or malfunction of automatic sampling equipment." Deviations noted in the REMP program during 2005, included the following:

- In January the composite sampler at station WR-11 was taken off-line for maintenance. Subsequently, the hydroelectric power station, where the sampling equipment is located, went down for maintenance preventing sampling from the designated location in January, February and March. Grab samples were taken downstream of the site as a replacement.
- In June (2nd quarter) TLD GM-29 was missing at time of collection.
- In June the composite sampler at station WR-11 was found out of service due to damage to the sampler motor. Repair of sampler was completed and placed back in service on 07/21/05.
- The 4th quarter TLD at location GM-40 was found missing at time of collection.

Routine non-REMP required sample collections encountered the following departures from the planned sample collection schedule:

- A site remediation project prevented access and sampling from the on-site East Storm Drain (WW-51) for the entire year.
- A site remediation project prevented access and sampling, and/or no rain (dry drain conditions) from the on-site West Storm Drain (WW-52) for the months of January, February, March, June, July (lack of water), August (lack of water), and September (lack of water) of 2005.
- A site decommissioning remediation project prevented access and collection of river water samples at WR-31 (Sherman Pond near former plant discharge) for January, February, and March of 2005.

4.2 COMPARISON OF ACHIEVED LLDS WITH REQUIREMENTS

Table 4.3 of the ODCM (Table 2-4 in this report) gives the required Lower Limits of Detection (LLDs) for environmental sample analyses. On occasion, an LLD is not achieved due to situations such as a low sample volume caused by sampling equipment malfunction. In such a case, Control 7.1 of the ODCM requires a discussion of the situation in the Annual Radiological Environmental Operating Report. At the 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 YR ODCM.

- For each analysis having an LLD requirement in ODCM Table 4.3, the *a posteriori* or after the fact LLD (or minimum detectable concentration – MDC) calculated for that analysis was compared with the required *a priori* LLD. Of the 612 analyses performed with a specified LLD requirement in 2005, no sample failed to meet the requirements of Table 4.3 of the ODCM for minimum level of detection.

4.3 RESULTS COMPARED AGAINST REPORTING LEVELS

ODCM Control 4.1.a. requires the written notification to the NRC within 30 days whenever a Reporting Level in ODCM Table 4.2 is exceeded. Reporting Levels are the environmental concentrations that relate to the ALARA design dose objectives of 10 CFR 50, Appendix I. It should be noted that environmental concentrations are averaged over calendar quarters for the purposes of this comparison, and that Reporting Levels apply only to measured levels of radioactivity due to site effluents. During 2005, no Reporting Levels were exceeded.

4.4 DATA ANALYSIS BY MEDIA TYPE

The 2005 REMP data for each media type are discussed below. These are arranged in the same order as in Table 3-1 and are further categorized by pathway. Graphical plots of monitoring data are also shown in Figures 4-1 to 4-11. All values are plotted, whether they are "detectable" or "non-detectable."

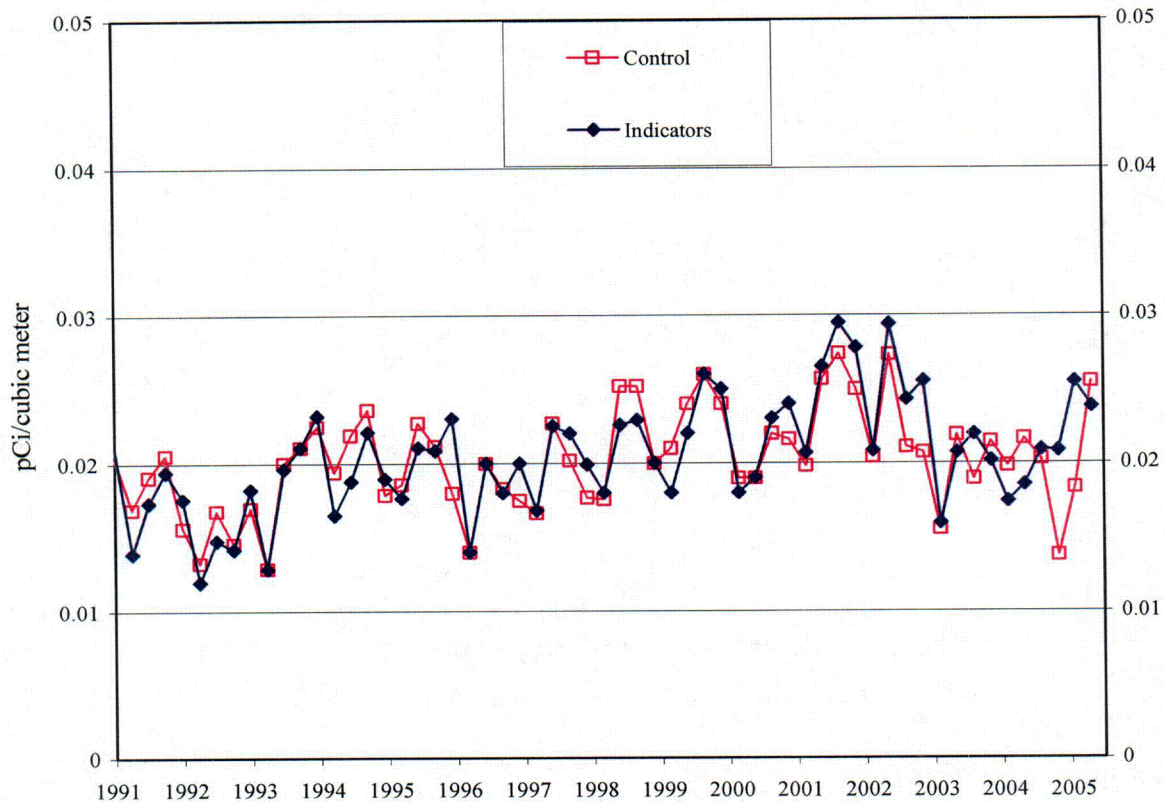
4.4.1 Air Particulates (See Figures 4-1 & 4-2)

Biweekly air particulate filters were obtained from each of the six REMP sampling sites over the first nine months of 2005. Five are indicators stations, AP-11, -12, -13, -14, and -31 in the site vicinity, and one is a control station, AP-31 in Williamstown, MA. Filters are analyzed for gross-beta radioactivity. At the end of each quarter, the individual filters collected during the quarter from each sampling site were composited for a gamma analysis. The results of the biweekly air-particulate sampling program are shown in Table 3-1 and Figures 4-1 through 4-2. The YR ODCM requirement for this sampling was eliminated in July, 2005 with Revision 18 to the ODCM. This revision to the ODCM was made since all significant sources of airborne radioactivity had been eliminated from the site during the course of decommissioning.

Supplemental environmental air particulate monitoring to assess demolition activities was initiated in 2004 to validate effluent release (demolition airborne dust) monitoring. On-site sampler designations were DAP-1, 2, 3, and 4 (DAP-4 same location as AP-11). Locations are described in Table 2-2. Results of those analyses are included in summary data in Appendix C of this report, although they are not part of the REMP sampling.

Figure 4-1

**Gross-Beta Measurements on Air Particulate Filters
(Quarterly Averages)**

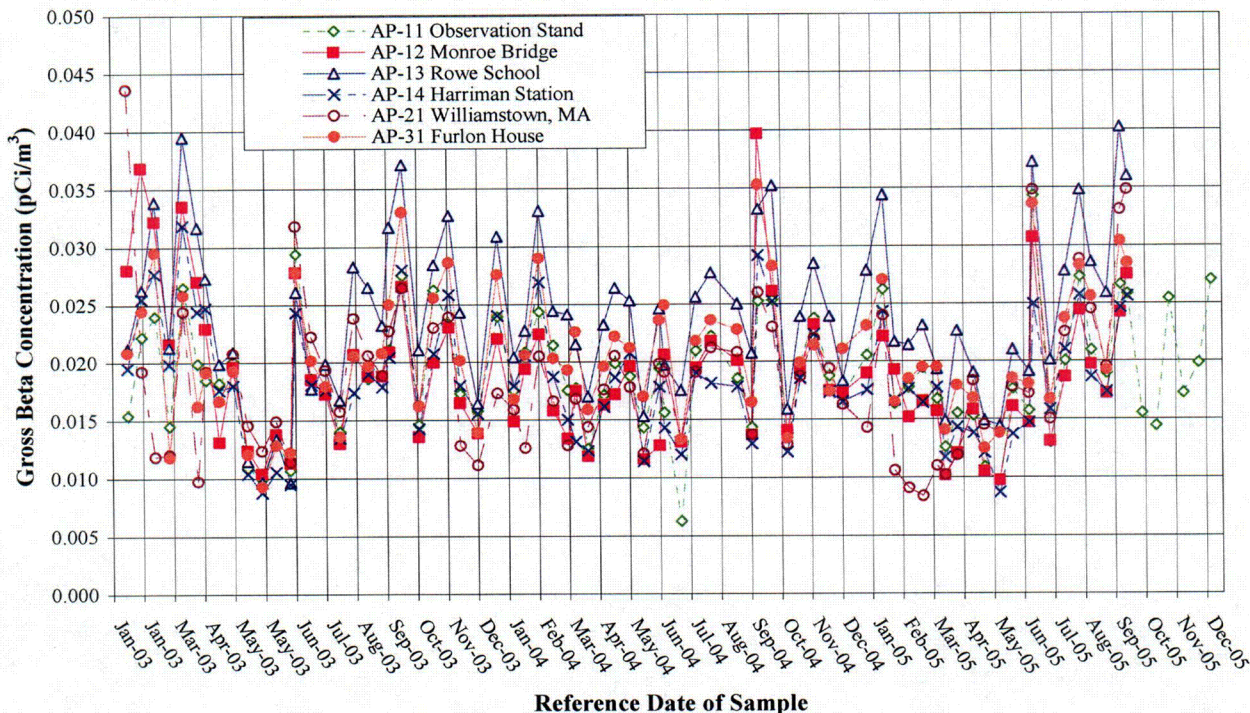


Note: Regular data collection from all except station AP-11 was discontinued after September 2005. The 4th quarter average for station AP-11 is 0.02.

As shown in Figure 4-1, there has been no significant difference between the airborne concentrations (as measured by gross beta activity) at the indicator (near-site) stations and the control (distant from site) stations.

Figure 4-2 shows the biweekly gross beta concentration over the last three years at each air particulate sampling location required by the ODCM along with the control air particulate sampling location at AP-21 (Williamstown, MA). It can be seen that the gross-beta measurements on air particulate filters fluctuate significantly over the course of a year. This is due principally to seasonal variations and the related effects on naturally occurring terrestrial radionuclide emissions. The measurements from control station AP-21 vary similarly, indicating that these fluctuations are due to regional changes in naturally-occurring airborne radioactive materials, and not due to site operations. Table 3-1 shows that the mean concentration from indicator stations, on the average, are similar to those from control locations, further supporting this conclusion.

Figure 4-2
Yankee Rowe
Bi-Weekly Air Particulate Gross Beta Analysis Results



During 2005 supplemental environmental air particulate monitoring in the vicinity of on-site demolition activities was continued for the first half of the year to validate that no significant site related radioactivity is detectable. This consisted of four non-REMP sample locations, DAP-1, 2, 3 and 4. No site-related radioactivity was detected in samples from these locations in 2005. Results are provided in Appendix C.

4.4.2 River Water
 (See Figure 4-3)

Aliquots of river water were automatically collected every two hours from the Deerfield River downstream from the site (WR-11 at Bear Swamp Lower Reservoir). These composited samples were collected monthly and sent to the environmental laboratory for gamma, tritium, and gross beta analyses. Monthly grab samples were also collected at the Harriman Reservoir control location and at Sherman Pond near the discharge area (WR-21 and -31, respectively).

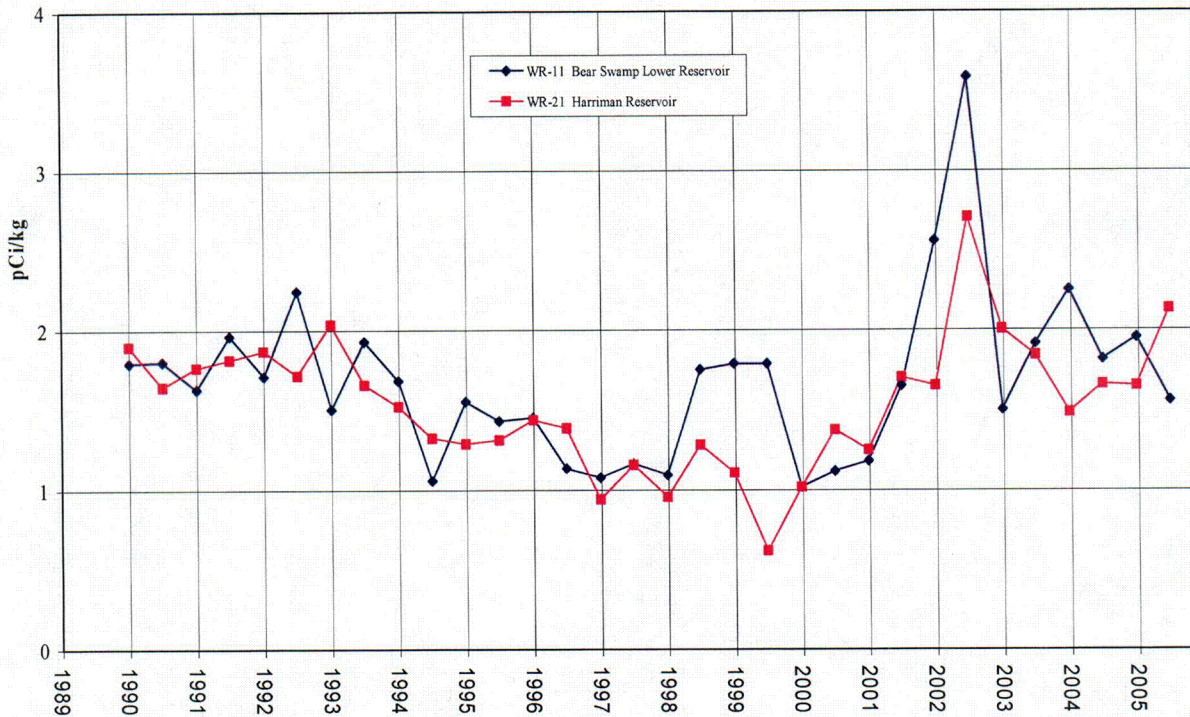
Table 3-1 shows that gross-beta measurements were positive in five of the twenty-one samples collected from indicator locations, and two of twelve samples from the control site. This result is consistent with past measurement history in the water. No detectable levels of site-related radioactivity were found in any of the 2005 river water samples by tritium or gamma spectroscopy analyses.

The historical concentrations of gross beta activity at the indicator and control locations have not been significantly different, as shown in Figure 4-3, except during the last half of 1992, 1998-1999, and in 2002 when the levels at WR-11 were slightly elevated relative to the control, but no tritium or site related gamma emitter was detected in any sample set for these years of elevated gross beta activity. The gross beta activity was attributed to naturally-occurring

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radioactivity as discussed in the earlier Annual Radiological Environmental Operating Reports. For 2005, the control station gross beta results averaged above the indicator station values by a small amount, with both the indicator and control station averages generally in close agreement, suggesting no significant difference between the control location and indicator samples in 2005.

Figure 4-3
Gross-Beta Measurements of River Water
(Semi-Annual Averages)



4.4.3 Ground Water
(See Figure 4-4)

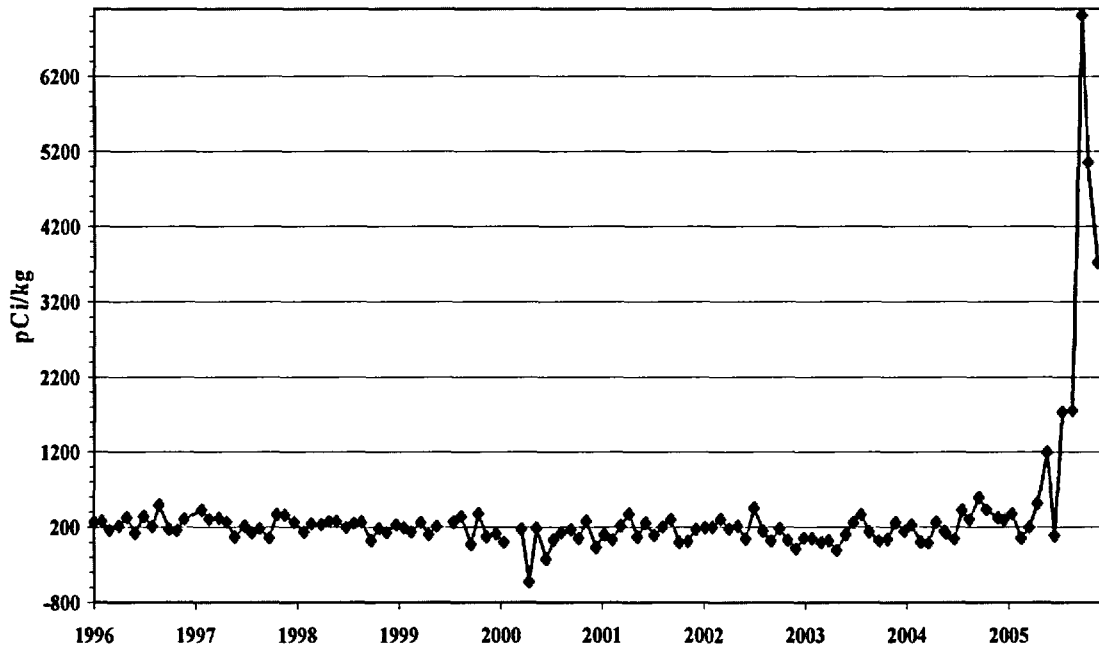
Monthly ground water samples were collected from two on-site locations during 2005, the site potable water well (WG-11) and Sherman Spring (WG-12), although quarterly samples are all that are required by ODCM Table 4.1. Table 3-1 shows that gross-beta measurements were positive in most of the samples, an outcome typical for ground water samples. This is due to naturally-occurring radionuclides in the water.

Tritium was detected in nine of twelve samples from WG-12 (Sherman Spring) during 2005. Concentrations are elevated above the range of values for the past 9 years during which a very low or non-detectable concentration of tritium had been observed (Figure 4-4). The detected increases are attributed to disturbance of the aquifer associated with source removal during decommissioning and increased infiltration due to removal of structures, pavement and storm water drainage systems. Peak tritium concentration remained well below ODCM reporting levels. Water from Sherman Spring flows into the Deerfield River. Neither the Deerfield River nor Sherman Spring is used for drinking water. No tritium was detected in any of the monthly samples from the on-site potable water well (WG-11). No gamma-emitting radionuclides were detected in any of the ground water samples from either WG-11 or WG-12.

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Figure 4-4

**Tritium in Ground Water
Station WG-12, Sherman Spring**



4.4.4 Storm Drain Water

Monthly grab samples were collected from the East and West Storm Drains (WW-51 and 52, respectively) when available during 2005. Lack of access to sampling locations due to site remediation activities and/or lack of rainfall allowed only 5 samples to be collected during 2005 from the West Storm Drain (WW-52). Each sample was analyzed for gross-beta and gamma-emitting radionuclides and tritium. Gross-beta measurements were positive in all of the samples taken and were consistent with those from the previous year. No gamma-emitting radionuclides were detected in any of the samples. A low level of tritium, just above the detection limits for the analysis, was detected in two of the five samples. A possible source for this activity is the same as that for the tritium in 2005 Sherman Spring samples, namely the disturbance of the aquifer associated with source removal during decommissioning and increased infiltration due to removal of structures, pavement and storm water drainage systems. The water from site storm drains discharges to the Deerfield River, which is not used for drinking water.

4.4.5 Sediment

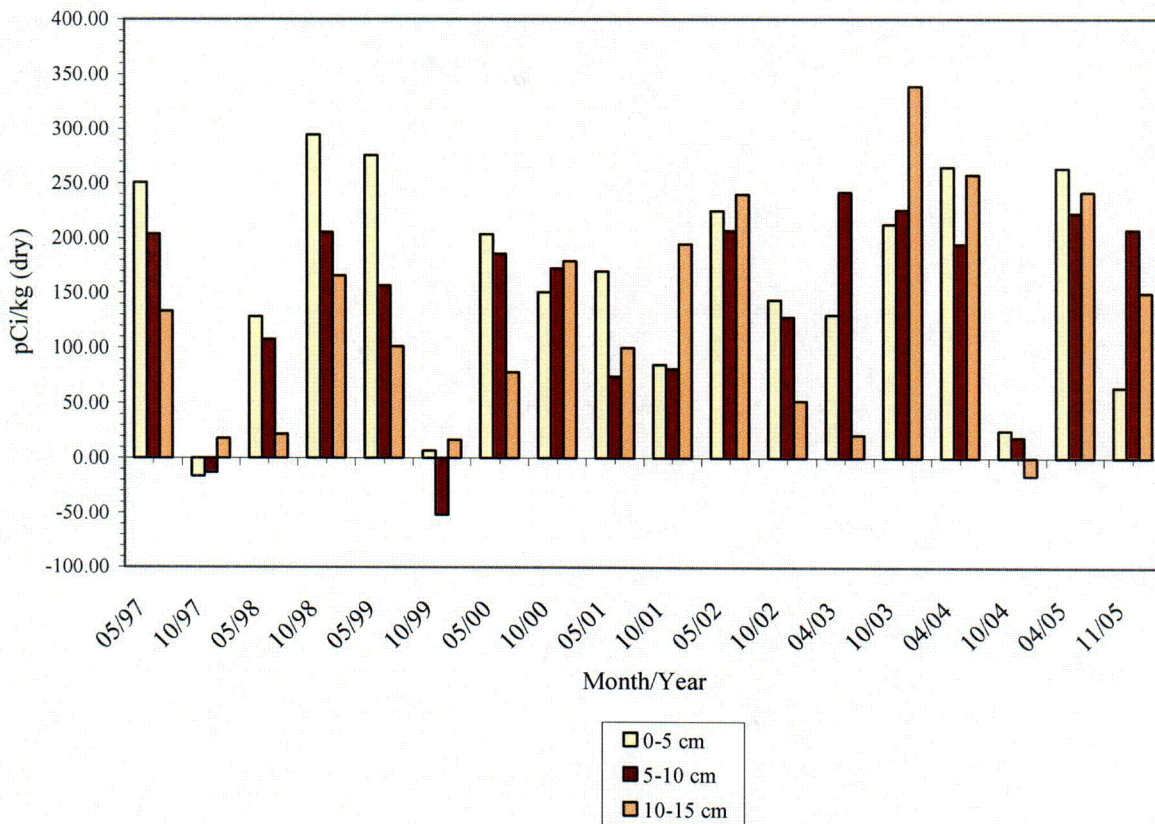
(See Figures 4-5, 4-6, & 4-7)

Semiannual sediment core samples were collected from three locations during 2005. Indicator stations SE-91 and SE-11 are located in Sherman Pond and downstream about 24 river miles at No. 4 Dam in Charlemont, MA, respectively. Control station SE-21 is located upstream (control) at Harriman Reservoir. Each sample is segmented by depth (0-5, 5-10, 10-15 cm) and analyzed for gamma-emitting radionuclides. As would be expected, naturally-occurring K-40 and Th-232 were detected in all of the samples. In addition to those naturally-occurring radionuclides, Cs-137 was also detected in 16 of 18 segments from all three locations. These results are consistent with what has been measured in previous years. Presence of Cs-137 at Station SE-11 and SE-21 is attributed to nuclear weapons testing

fallout as the far downstream location and the upstream control location indicate similar levels of Cs-137. Samples from Station SE-91, near the site have in general about 5 times higher Cs-137 concentration, attributable in part to station licensed discharges in past years. In past years, sediment analysis at SE-91 have also shown positive indication of Co-60 which can be related to site discharges, although no current analysis for Co-60 give positive indication of its presence. It should also be noted that the sample for Station SE-91 is taken from bottom of the Sherman Pond and is high in organic material, which has been found to concentrate fallout Cs-137 more than soils/sediments low in organic material. Stations SE-11 and SE-21 are taken from the shoreline and have not typically had the same organic material content as in SE-91. Figure 4-5 shows the consistent range in Cs-137 levels over the last nine years in the down stream (24 miles) sampling location.

FIGURE 4-5

CESIUM-137 IN SHORELINE SEDIMENT STATION SE-11



Results for sediment samples from the upstream control location (SE-21) are slightly elevated (Figure 4-6) but are bounded by levels previously reported at that location for recent years. At both the indicator and the control location, the character of the sediment is highly dependent on the specific location sampled, and it also can depend on the water level in Harriman Reservoir or on the Deerfield River shoreline at the time of sampling. The diverse character of the sediment at either location, and the fact that Cs-137 tends to bind more to finer-grained sediment containing organic matter than to sandy and rocky sediment, as well as the dynamic nature of their fluvial environments, leads to a wide range of Cs-137 concentrations, as shown in Figures 4-5 through 4-7.

C-10

FIGURE 4-6

CESIUM-137 IN SHORELINE SEDIMENT STATION SE-21

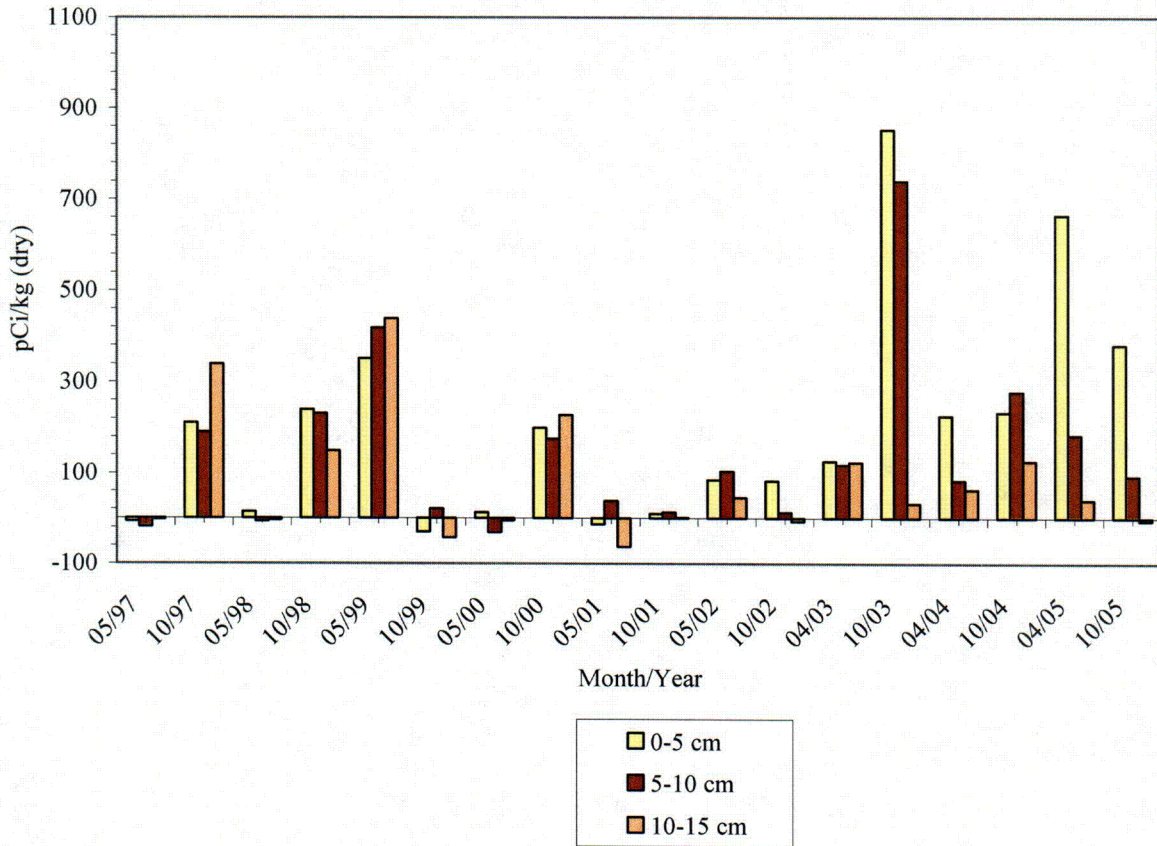
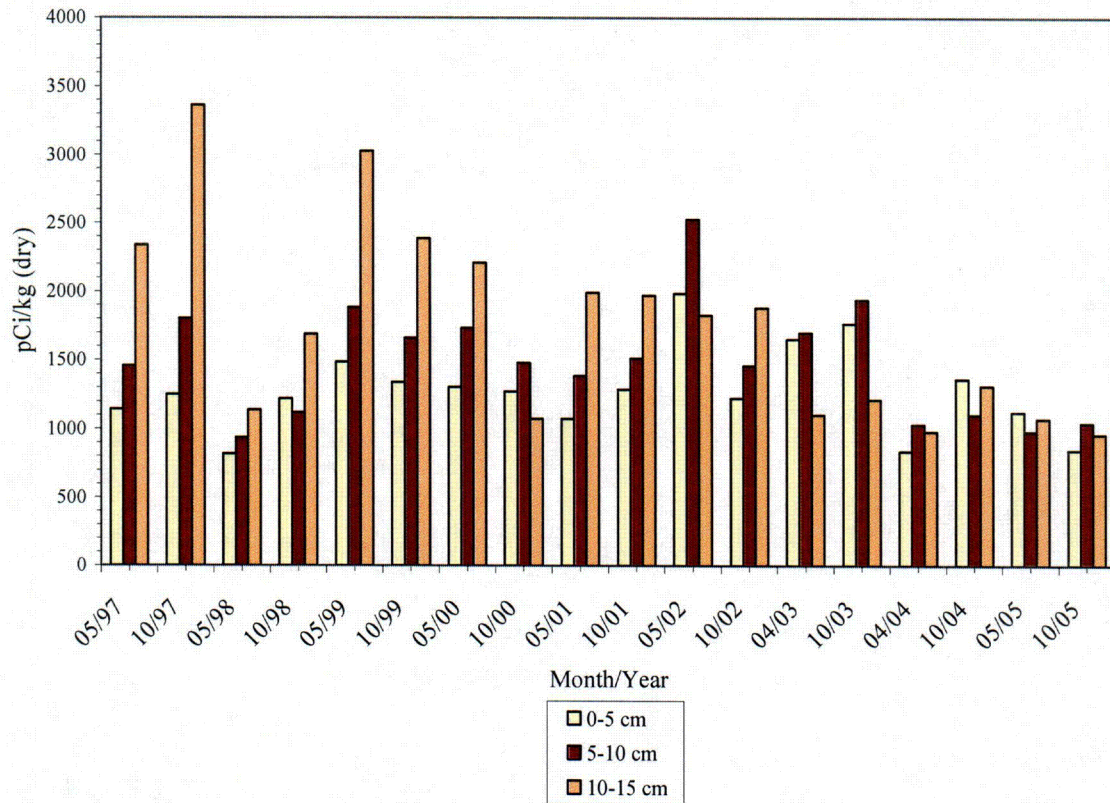


Table 3-1 and Figure 4-7 show the levels of Cs-137 at station SE-91. These samples were collected from a deep water location opposite the plant former discharge into Sherman Pond. It is believed that the higher Cs-137 levels at SE-91, whether due to fallout or site effluents, are also related to the character of the sediment (a rich organic benthos layer) at the bottom of Sherman Pond at this location as described earlier. The levels of Cs-137 observed in 2005 are not significantly different from levels observed at location SE-91 in the last few years, which is about a factor of two lower than levels seen in the late 1990's and early 2000's time frame.

C-11

FIGURE 4-7

CESIUM-137 IN RIVER SEDIMENT STATION SE-91

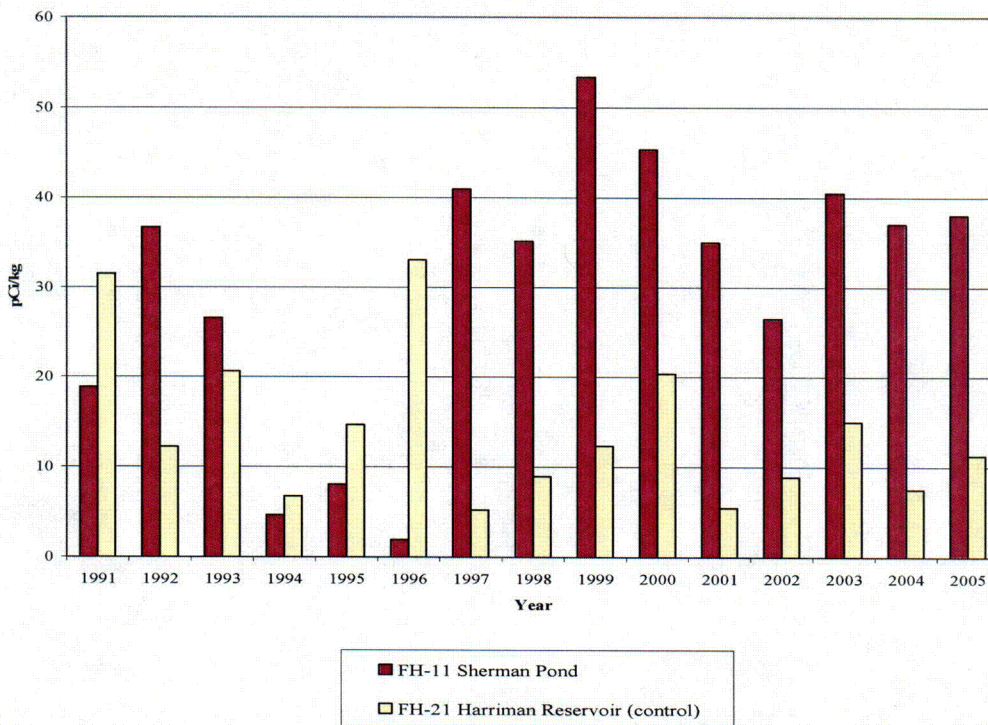


4.4.6 Fish
(See Figure 4-8)

Semiannual samples of fish were collected from two locations during 2005, FH-11, an indicator station in Sherman Pond, and FH-21, a control station in Harriman Reservoir. The edible portions of each of these samples were analyzed for gamma-emitting radionuclides. As expected in aquatic animals, naturally-occurring K-40 was detected in all samples from both locations. No site-related gamma emitting radionuclides were detected in 2005 fish samples. The average 2005 Cs-137 concentrations shown in Figure 4-8 include the results of counting statistics on sample measurements, even when the analysis counts did not exceed the criteria for a “positive” (detectable) determination. The wide variation in relative Cs-137 activity illustrated in Figure 4-8 over past years is suspected to be due to the different species of fish and their specific eating habits. Fish that are bottom feeders tend to accumulate more of the Cs-137 activity from aquatic sediment than fish that feed higher in the water column. The makeup of any individual catch (fish sample) could be dominated by a single species available at the time, and no attempt is made to differentiate sample analysis by fish species, such as those who primarily feed on the bottom versus those species that feed higher in the water column.

C-12

FIGURE 4-8
CESIUM-137 IN FISH
ANNUAL AVERAGE CONCENTRATIONS



4.4.7 Food

Three terrestrial food samples were collected from indicator stations TF-11 and TF-13 in Monroe Bridge and Monroe, MA, respectively, and from a control station, TF-21 in Williamstown, MA during 2005. Samples were analyzed for gamma-emitting radionuclides. K-40 (naturally occurring) was detected in all three samples. No site-related gamma emitting radionuclides were detected in 2005 food samples.

The collection and analysis of food samples was removed as a requirement from the YR ODCM during 2005 due to the removal of all significant sources for airborne releases from the site. No additional food sample collections are planned beyond those that were collected in 2005.

4.4.8 Maple Syrup

Processed maple syrup samples were collected from an indicator and control location at the end of March 2005. The indicator station is MS-33 in Rowe, MA, and the control station, MS-45, is in the town of Florida, MA. These samples represent concentrated media, relative to the original tree sap, produced by boiling (see Section 2.5.8). Naturally-occurring K-40 was detected in both samples. No site related radionuclides were detected in any sample.

The collection and analysis of maple syrup samples was removed as a requirement from the YR ODCM during 2005 due to the removal of all significant sources for airborne releases from the site. No additional maple syrup sample collections are planned beyond those that were collected in 2005.

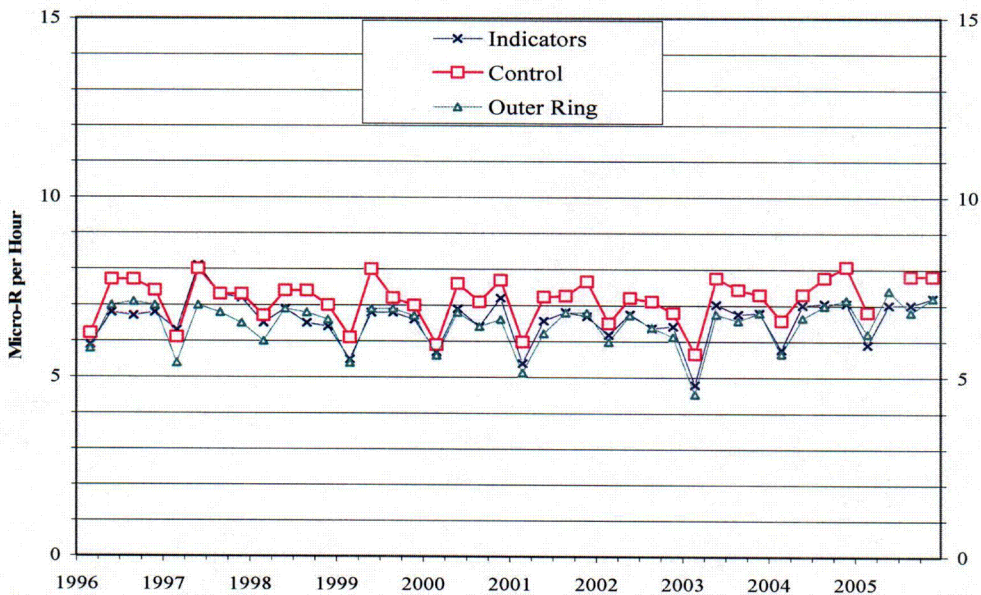
C-13

4.4.9 Direct Radiation
 (See Figures 4-9, 4-10 & 4-11)

Direct radiation was continuously measured at 33 locations surrounding Yankee Rowe site in 2005 with the use of thermoluminescent dosimeters (TLDs). These were collected each calendar quarter for readout at the E-LAB.

As shown in Figure 4-9, there is a distinct annual cycle at both indicator and control locations. The lowest point of the cycle occurs during the winter months. This is due primarily to the attenuating effect of the snow and frozen ground cover on radon emissions and on direct irradiation by naturally-occurring radionuclides in the soil. Differing amounts of these radionuclides in the underlying soil, rock or nearby building materials result in different radiation levels between one field site and another.

Figure 4-9
Exposure Rate at Indicator, Outer Ring and Control TLDs

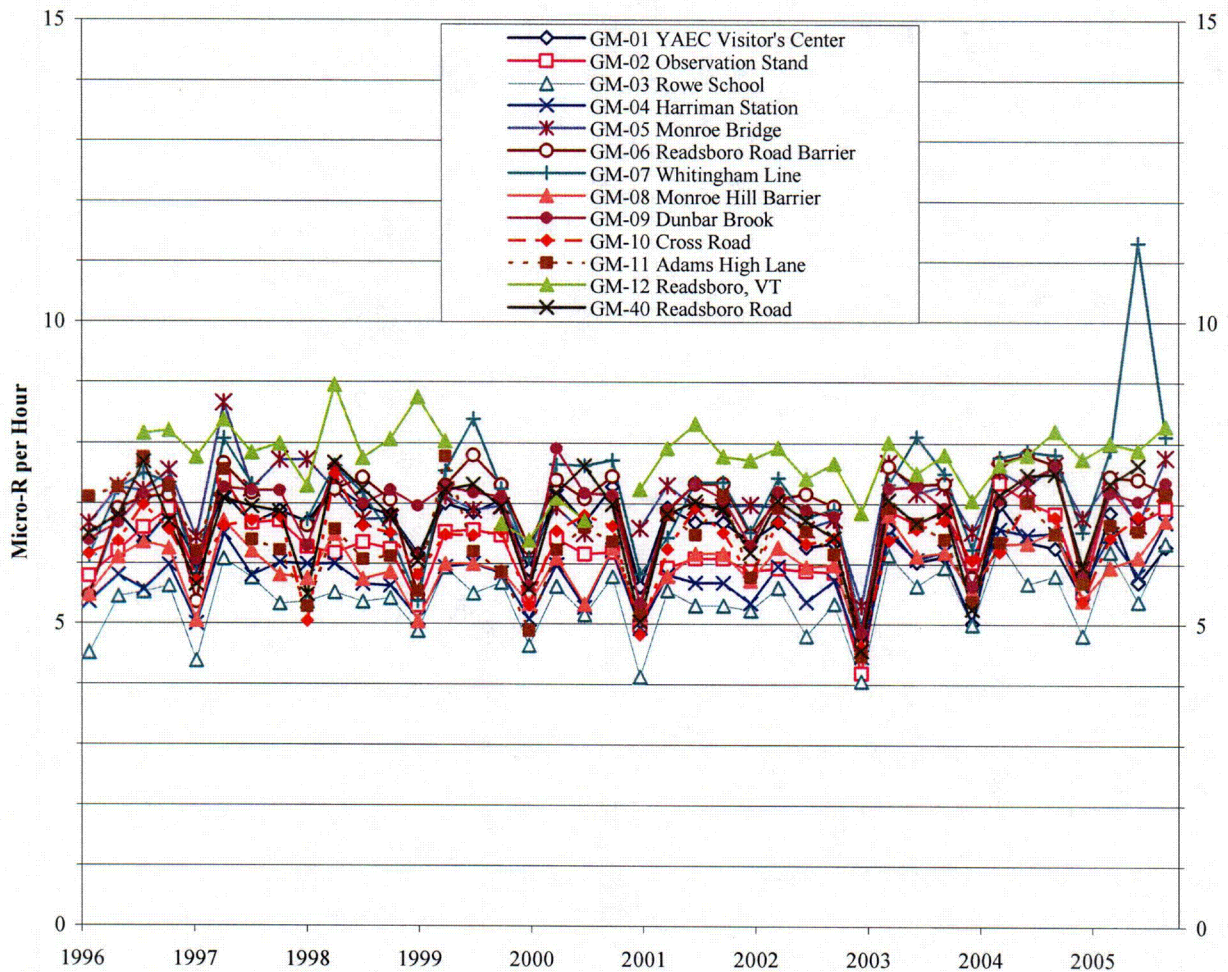


Based on the data in Table 3-2 and 3-3 and illustrated in Figure 4-9, it is evident that the mean exposure rates for the Indicator, Outer Ring, and Control categories were not significantly different in 2005. This indicates that there was no significant overall increase in direct radiation exposure rates in the site vicinity beyond the industrial area of the site. As shown in Figure 4-10, the levels at offsite locations in 2005 are consistent with or bounded by levels in previous years. The largest variance occurred in the 3rd quarter at GM-07 (an outer ring location 6.6 km northwest) which was slightly higher than the normal observed trends. All other inner (closer) indicator locations exhibited consistently lower values indicating that the single high reading at GM-07 is not related to site operations.

C-14

Figure 4-10

Exposure Rate at Indicator TLDs

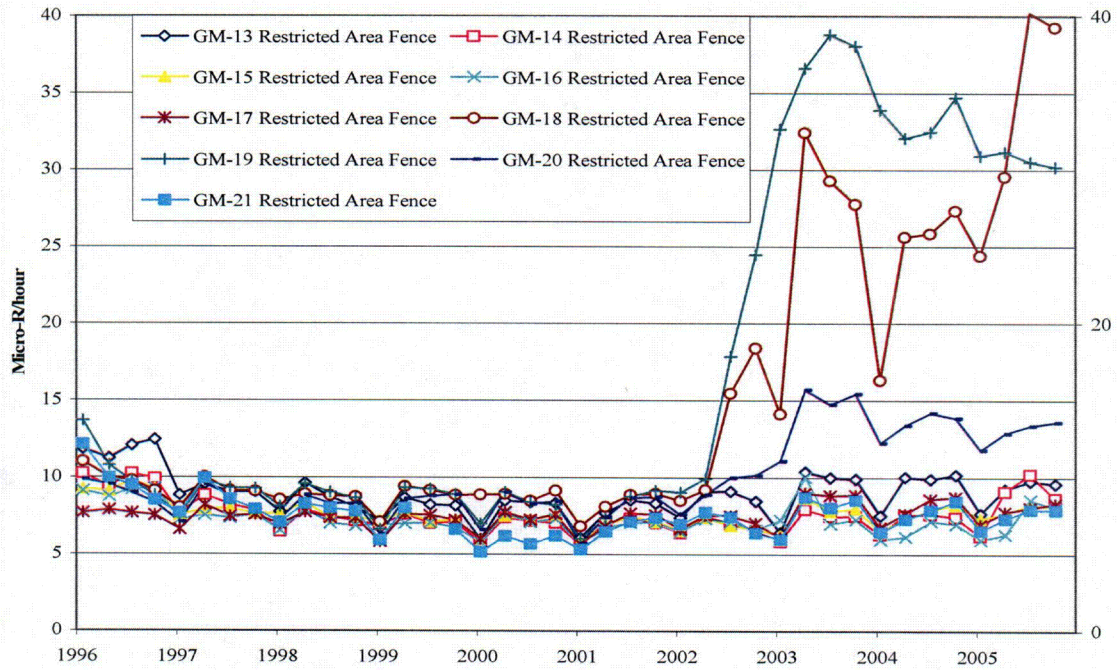


Results from the Fence line TLDs are shown in Figure 4-11 and summarized in Tables 3-2 and 3-3. These TLDs are located on the fence surrounding the inner restricted area within the Yankee Rowe site property bounds, and are influenced by the ISFSI. Specifically, the elevated exposure rates at TLD locations GM-18, -19, and -20 since 2002 are due to fuel and GTCC transfer activities to the ISFSI, completed during 2003, and storage of spent fuel at the ISFSI and other decommissioning activities that move and temporarily disturb the earth at various locations across the site.

C-15

Figure 4-11

Exposure Rate at Fenceline TLDS



C-16

5.0 OFF-SITE DOSE EQUIVALENT COMMITMENTS

The purpose of this section is to evaluate off-site dose consequences (dose equivalent commitments) associated with detectable site related radioactivity in environmental media. The method utilizes Regulatory Guide 1.109 (Reference 2) ODCM models and actual measurements of the concentrations of radioactivity in various environmental media (e.g., air, sediment, ground water) to compute the dose consequences resulting from the inhalation or ingestion of such material. These evaluations can be used to provide assurance that the station's radioactive liquid and airborne effluent dose models are unlikely to underestimate actual impacts.

The standards for the maximum dose to an individual of the general public taken from 40 CFR190, is 25 mRem to the whole body, 75 mRem to the thyroid, and 25 mRem to any other organ. The dose commitment to be calculated in this section is also compared to the ALARA dose objectives of 10CFR50 Appendix I for liquid effluents of 3 mrem/year total body and 10 mrem/yr to any organ. These standards are a fraction of the USA background radiation of 300 mRem per year given in NCRP 94 (Reference 3).

During 2005 there were no instances of site-related radioactivity observed in environmental media which have a direct human consumption or exposure pathway associated with it. Low levels of tritium in Sherman Spring water samples were detected, but this is a non-drinking water source. Cesium-137 most likely due to past plant operations was detected in sediment near the former plant discharge. However, sediments at the bottom of Sherman Pond are not part of a direct exposure pathway to humans.

In 2005 the potential dose for the postulated ingestion of 2 liters/day of Sherman Spring water, with an average concentration of 2403 pCi/liter tritium (observed 2005 average value of all positive measurements), would be approximately 0.18 mrem/yr (Adult, whole body), or about 6% of the ALARA dose objectives if Sherman Spring was used as a drinking water supply.

Since the REMP for 2005 did not indicate site related radioactivity in off-site media associated directly with human ingestion, there is no indication that the site's effluent dose models are not affectively estimating the dose impact to members of the public.

6.0 REFERENCES

1. USNRC Radiological Assessment Branch Technical Position, "An Acceptable Radiological Environmental Monitoring Program," Revision 1, November 1979.
2. Regulatory Guide 1.109, Calculation Of Annual Doses To Man From Routine Releases Of Reactor Effluents For The Purpose Of Evaluating Compliance With 10 CFR Part 50, Appendix I, Rev. 1, October, 1977.
3. *Exposure of the Population in the United States and Canada from Natural Background Radiation*. NCRP Report No. 94. National Council on Radiation Protection and Measurements, Bethesda, Maryland, 1994.

APPENDIX A - LAND USE CENSUS

Due to the elimination of any significant airborne source term on the YR site, the ODCM was amended in 2005 which removed the requirement to conduct an annual Land Use Census. As such, no Land Use Census was performed in 2005.

APPENDIX B - QUALITY ASSURANCE PROGRAM SUMMARY

QUALITY ASSURANCE PROGRAM

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

The FANPEL 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 (used in conjunction with the National Institute of Standards and Technology Measurement Assurance Program, NIST MAP) 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 FANPEL on or before December 31, 2005.

Intralaboratory Quality Control Program

The FANPEL 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. Table B-1 provides the summary of the process check results for January to December 2005. Of the 520 analyses, 100% passed the bias criteria and 100% of the 102 results evaluated for precision were acceptable. The FANPEL internal acceptance criteria are summarized at the end of Table B-1.

Third Party Cross Check Program

The FANPEL participates in a third party cross check program managed by Analytics Inc. to satisfy the requirement of the Environmental Technical Specification/ODCM. The FANPEL 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 2004 through the 4th quarter 2005 are summarized in Table B-2. Each sample is normally analyzed in triplicate and the results are evaluated against the internal acceptance criteria described in the FANPEL 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 FANPEL internal acceptance criteria are summarized at the end of Table B-1.

Blind Duplicate Program

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

Participating clients submitted a total of 32 paired samples in 2005. The measurements evaluated include twenty-six gamma emitting radionuclides, TRITIUM, and gross beta. All measurements are evaluated, whether the results are statistically positive or not, and whether the net concentration is positive or negative.

The samples submitted as part of this program are listed in Table B-3. For the 2005 program, 99.5% (618/621) of the measurements met the FANPEL internal acceptance criteria.

Environmental TLD Quality Assurance Program

Performance documentation of the routine processing of the Panasonic environmental TLDs (thermoluminescent dosimeter) program at the FANPEL is provided by the dosimetry quality assurance testing program. This program includes independent third party performance testing by Battelle Pacific Northwest Labs and internal performance testing conducted by the Laboratory QA Officer. Under these programs, sets of six dosimeters are irradiated to ANSI specified testing criteria and submitted for processing to the Dosimetry Services Section 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 by the Dosimetry Services Group and representing between 5-10% of the TLDs processed, are not presented in this report because they do not represent a true process check sample since the exposures are known to the processor.

Ninety-six performance tests were conducted in 2005 by FANPEL and the third party tester. These tests were made on 16 separate sets of 6 dosimeters. All of the 16 TLD test sets passed the mean bias criteria of $\pm 20.1\%$. Of the ninety-six individual measurements, 100% of the dosimeter evaluations met the FANPEL Internal Acceptance Criteria for bias ($\pm 20.1\%$) and precision ($\pm 12.8\%$). Third Party QC results are summarized below.

Percentage of Individual Analyses that passed FANPEL Internal Criteria

Dosimeter Type	Number Tested	% Passed Bias Criteria	% Passed Precision Criteria
Panasonic Environmental	96	100	100

Summary of Third Party Testing

Dosimeter Type	Exposure Period	ANSI Category	% (Bias \pm SD)
Panasonic Environmental	Q4/2004	II, high energy	8.2 \pm 2.5
"	Q1/2005	II, high energy	0.1 \pm 1.6
"	Q2/2005	II, high energy	4.4 \pm 1.6
"	Q3/2005	II, high energy	-1.0 \pm 1.2

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

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

TABLE B-1
FANPEL RESULTS IN THE INTRALABORATORY PROCESS CONTROL PROGRAM
January - December 2005

Media Analysis	Bias Criteria (1)				Precision Criteria (2)			
	1	2	3	4	1	2	3	4
I. Air Charcoal								
Gamma-Quantitative	3	3	0	0	0	0	0	0
Gamma-Screening	98	33	4	0	0	0	0	0
II. Air Filter								
Beta	230	24	0	0	0	0	0	0
III. Milk								
Gamma	3	0	0	0	7	2	12	0
Sr-89	4	1	0	0	5	0	0	0
Sr-90	5	0	0	0	5	0	0	0
IV. Water								
Gross Alpha	12	4	12	0	2	0	6	0
Gross Beta	18	19	2	0	8	0	0	0
Gamma	8	6	0	0	6	0	18	0
Sr-90	4	1	4	0	2	0	6	0
Tritium	14	8	0	0	17	2	4	0
Total Number in Range	399	99	22	0	52	4	46	0
Percentage of Total Processed	76.7	19.0	4.2	0.0	51.0	3.9	45.1	0.0
Sum of Analyses	520				102			

(1) Percent Bias Criteria by Bias Category

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

(2) Percent Precision Criteria by Precision Category

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

TABLE B-2
FANPEL RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2004 - Quarter 4, 2005

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/ Analytics	Evaluation
E4380-162	4th/2004	Water	H-3	8327	8060	1.03	Agreement
E4381-162	4th/2004	Filter	Sr-89	87.7	92.3	0.95	Agreement
E4381-162	4th/2004	Filter	Sr-90	8.78	10.6	0.83	Agreement
E4382-162	4th/2004	Filter	Gross Alpha	24.9	29.5	0.84	Non-Agreement
E4382-162	4th/2004	Filter	Gross Beta	223	204	1.09	Agreement
E4383-162	4th/2004	Filter	Ce-141	75.6	80.3	0.94	Agreement
E4383-162	4th/2004	Filter	Cr-51	201	189	1.06	Agreement
E4383-162	4th/2004	Filter	Cs-134	82.4	84.7	0.97	Agreement
E4383-162	4th/2004	Filter	Cs-137	68.8	62.9	1.09	Agreement
E4383-162	4th/2004	Filter	Co-58	75.3	72.9	1.03	Agreement
E4383-162	4th/2004	Filter	Mn-54	76.3	67.7	1.13	Agreement
E4383-162	4th/2004	Filter	Fe-59	69.8	60.5	1.15	Non-Agreement
E4383-162	4th/2004	Filter	Zn-65	109	97.7	1.12	Agreement
E4383-162	4th/2004	Filter	Co-60	85.1	87.1	0.98	Agreement
E4384-162	4th/2004	Milk	I-131LL	64.2	66.7	0.96	Agreement
E4384-162	4th/2004	Milk	I-131	69.0	66.7	1.03	Agreement
E4384-162	4th/2004	Milk	Ce-141	154	155	0.99	Agreement
E4384-162	4th/2004	Milk	Cr-51	385	379	1.02	Agreement
E4384-162	4th/2004	Milk	Cs-134	167	170	0.98	Agreement
E4384-162	4th/2004	Milk	Cs-137	132	126	1.05	Agreement
E4384-162	4th/2004	Milk	Co-58	147	146	1.01	Agreement
E4384-162	4th/2004	Milk	Mn-54	144	136	1.06	Agreement
E4384-162	4th/2004	Milk	Fe-59	129	121	1.07	Agreement
E4384-162	4th/2004	Milk	Zn-65	197	196	1.01	Agreement
E4383-162	4th/2004	Milk	Co-60	177	175	1.01	Agreement
E4412-162	4th/2004	Water	Sr-89	90.9	98.1	0.93	Agreement
E4412-162	4th/2004	Water	Sr-90	9.33	11.3	0.83	Agreement

Values in pCi/Liter (Filters in pCi)

Gross alpha on filter failure identified need to increase acceptance criteria to include random uncertainties inherent in preparation of QC sample.

Fe-59 on filter failure resulted in use of new gamma spectroscopy coincidence correction factor.

TABLE B-2 (cont'd)
FANPEL RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2004 - Quarter 4, 2005

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/ Analytics	Evaluation
E4459-162	1st/2005	Water	Gross Alpha	39.9	40.8	0.98	Agreement
E4459-162	1st/2005	Water	Gross Beta	279	292	0.96	Agreement
E4460-162	1st/2005	Water	I-131LL	66.2	65.9	1.00	Agreement
E4460-162	1st/2005	Water	I-131	69.3	65.9	1.05	Agreement
E4460-162	1st/2005	Water	Ce-141	219	221	0.99	Agreement
E4460-162	1st/2005	Water	Cr-51	346	322	1.07	Agreement
E4460-162	1st/2005	Water	Cs-134	130	134	0.97	Agreement
E4460-162	1st/2005	Water	Cs-137	127	125	1.01	Agreement
E4460-162	1st/2005	Water	Co-58	108	111	0.97	Agreement
E4460-162	1st/2005	Water	Mn-54	160	154	1.04	Agreement
E4460-162	1st/2005	Water	Fe-59	114	107	1.07	Agreement
E4460-162	1st/2005	Water	Zn-65	192	191	1.01	Agreement
E4460-162	1st/2005	Water	Co-60	138	139	1.00	Agreement
E4461-162	1st/2005	Water	Sr-89	94.6	103	0.92	Agreement
E4461-162	1st/2005	Water	Sr-90	15.6	17.2	0.90	Agreement
E4462-162	1st/2005	Filter	Gross Alpha	20.8	21.9	0.95	Agreement
E4462-162	1st/2005	Filter	Gross Beta	162	157	1.04	Agreement
E4463-162	1st/2005	Milk	I-131LL	91.2	92.3	0.99	Agreement
E4463-162	1st/2005	Milk	I-131	95.9	92.3	1.04	Agreement
E4463-162	1st/2005	Milk	Ce-141	229	229	1.00	Agreement
E4463-162	1st/2005	Milk	Cr-51	334	334	1.00	Agreement
E4463-162	1st/2005	Milk	Cs-134	137	139	0.99	Agreement
E4463-162	1st/2005	Milk	Cs-137	133	130	1.03	Agreement
E4463-162	1st/2005	Milk	Co-58	118	115	1.02	Agreement
E4463-162	1st/2005	Milk	Mn-54	166	160	1.04	Agreement
E4463-162	1st/2005	Milk	Fe-59	117	111	1.05	Agreement
E4463-162	1st/2005	Milk	Zn-65	203	198	1.03	Agreement
E4463-162	1st/2005	Milk	Co-60	145	144	1.01	Agreement
E4464-162	1st/2005	Milk	Sr-89	93.8	107	0.88	Agreement
E4464-162	1st/2005	Milk	Sr-90	16.1	17.9	0.90	Agreement

Values in pCi/Liter (Filters in pCi)

TABLE B-2 (cont'd)
FANPEL RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2004 - Quarter 4, 2005

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/ Analytics	Evaluation
E4599-162	2nd/2005	Water	H-3	9060	9100	1.00	Agreement
E4600-162	2nd/2005	Filter	Gross Alpha	31.9	30.9	1.03	Agreement
E4600-162	2nd/2005	Filter	Gross Beta	125	127	0.99	Agreement
E4601-162	2nd/2005	Filter	Ce-141	59.3	58.9	1.01	Agreement
E4601-162	2nd/2005	Filter	Cr-51	207	193	1.07	Agreement
E4601-162	2nd/2005	Filter	Cs-134	59.1	60.6	0.98	Agreement
E4601-162	2nd/2005	Filter	Cs-137	131	120	1.09	Agreement
E4601-162	2nd/2005	Filter	Co-58	3.55	3.4	1.04	Agreement
E4601-162	2nd/2005	Filter	Mn-54	88.6	79.7	1.11	Agreement
E4601-162	2nd/2005	Filter	Fe-59	40.1	40.7	0.99	Agreement
E4601-162	2nd/2005	Filter	Zn-65	112	98.8	1.13	Agreement
E4601-162	2nd/2005	Filter	Co-60	89.4	92.3	0.97	Agreement
E4602-162	2nd/2005	Filter	Sr-89	90.5	97.5	0.93	Agreement
E4602-162	2nd/2005	Filter	Sr-90	13.0	12.6	1.03	Agreement
E4603-162	2nd/2005	Milk	I-131LL	85.7	86.9	0.99	Agreement
E4603-162	2nd/2005	Milk	I-131	86.8	86.9	1.00	Agreement
E4603-162	2nd/2005	Milk	Ce-141	96.3	92.4	1.04	Agreement
E4603-162	2nd/2005	Milk	Cr-51	295	303	0.98	Agreement
E4603-162	2nd/2005	Milk	Cs-134	87.7	95	0.92	Agreement
E4603-162	2nd/2005	Milk	Cs-137	186	189	0.98	Agreement
E4603-162	2nd/2005	Milk	Co-58	5.83	5.30	1.10	Agreement
E4603-162	2nd/2005	Milk	Mn-54	124	125	0.99	Agreement
E4603-162	2nd/2005	Milk	Fe-59	67	63.9	1.05	Agreement
E4603-162	2nd/2005	Milk	Zn-65	149	155	0.96	Agreement
E4603-162	2nd/2005	Milk	Co-60	138	145	0.96	Agreement

Values in pCi/Liter (Filters in pCi)

Bias and Precision Acceptance Criteria as described above.

TABLE B-2 (cont'd)
FANPEL RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2004 - Quarter 4, 2005

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/ Analytics	Evaluation
E4686-162	3rd/2005	Water	Gross Alpha	42.3	41.6	1.02	Agreement
E4686-162	3rd/2005	Water	Gross Beta	128.5	123	1.05	Agreement
E4687-162	3rd/2005	Water	I-131LL	78.3	78.2	1.00	Agreement
E4687-162	3rd/2005	Water	I-131	77.2	78.2	0.99	Agreement
E4687-162	3rd/2005	Water	Ce-141	276.4	282	0.98	Agreement
E4687-162	3rd/2005	Water	Cr-51	353.7	408	0.87	Agreement
E4687-162	3rd/2005	Water	Cs-134	137.3	148	0.93	Agreement
E4687-162	3rd/2005	Water	Cs-137	231.1	235	0.98	Agreement
E4687-162	3rd/2005	Water	Co-58	72.5	77.0	0.94	Agreement
E4687-162	3rd/2005	Water	Mn-54	113.2	111	1.02	Agreement
E4687-162	3rd/2005	Water	Fe-59	74.7	74.0	1.01	Agreement
E4687-162	3rd/2005	Water	Zn-65	152.3	149	1.02	Agreement
E4687-162	3rd/2005	Water	Co-60	192.1	202	0.95	Agreement
E4688-162	3rd/2005	Charcoal	I-131	61.0	62.7	0.97	Agreement
E4689-162	3rd/2005	Filter	Gross Alpha	39.3	38.0	1.04	Agreement
E4689-162	3rd/2005	Filter	Gross Beta	120.8	112	1.08	Agreement
E4690-162	3rd/2005	Milk	I-131LL	99.0	94.3	1.05	Agreement
E4690-162	3rd/2005	Milk	I-131	90.0	94.3	0.95	Agreement
E4690-162	3rd/2005	Milk	Ce-141	228.5	233	0.98	Agreement
E4690-162	3rd/2005	Milk	Cr-51	306.3	338	0.91	Agreement
E4690-162	3rd/2005	Milk	Cs-134	118.3	122	0.97	Agreement
E4690-162	3rd/2005	Milk	Cs-137	196.5	195	1.01	Agreement
E4690-162	3rd/2005	Milk	Co-58	64.0	63.4	1.01	Agreement
E4690-162	3rd/2005	Milk	Mn-54	94.7	92.0	1.03	Agreement
E4690-162	3rd/2005	Milk	Fe-59	63.3	61.0	1.04	Agreement
E4690-162	3rd/2005	Milk	Zn-65	121.7	123	0.99	Agreement
E4690-162	3rd/2005	Milk	Co-60	165.2	167	0.99	Agreement
E4691-162	3rd/2005	Milk	Sr-89	139.6	146	0.96	Agreement
E4691-162	3rd/2005	Milk	Sr-90	10.8	11.5	0.94	Agreement

Values in pCi/Liter (Filters in pCi)

TABLE B-2 (cont'd)
FANPEL RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM
Quarter 4, 2004 - Quarter 4, 2005

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-Lab/ Analytics	Evaluation
E4836-162	4th/2005	Water	H-3	13700	13200	1.04	Agreement
E4837-162	4th/2005	Water	Sr-89	80.3	91.4	0.88	Agreement
E4837-162	4th/2005	Water	Sr-90	7.18	7.40	0.97	Agreement
E4838-162	4th/2005	Filter	Gross Alpha	22.3	25.0	0.89	Agreement
E4838-162	4th/2005	Filter	Gross Beta	146	136	1.08	Agreement
E4839-162	4th/2005	Filter	Ce-141	122	131	0.93	Agreement
E4839-162	4th/2005	Filter	Cr-51	113	113	1.00	Agreement
E4839-162	4th/2005	Filter	Cs-134	48.0	51.0	0.94	Agreement
E4839-162	4th/2005	Filter	Cs-137	111	111	1.01	Agreement
E4839-162	4th/2005	Filter	Co-58	44.2	45.2	0.98	Agreement
E4839-162	4th/2005	Filter	Mn-54	93.5	88.9	1.05	Agreement
E4839-162	4th/2005	Filter	Fe-59	44.6	48.1	0.93	Agreement
E4839-162	4th/2005	Filter	Zn-65	95.8	89.9	1.07	Agreement
E4839-162	4th/2005	Filter	Co-60	59.1	64.6	0.91	Agreement
E4840-162	4th/2005	Filter	Sr-89	103	121	0.86	Agreement
E4840-162	4th/2005	Filter	Sr-90	9.05	9.70	0.93	Agreement
E4841-162	4th/2005	Milk	I-131LL	72.4	74.6	0.97	Agreement
E4841-162	4th/2005	Milk	I-131	74.1	74.6	0.99	Agreement
E4841-162	4th/2005	Milk	Ce-141	217	224	0.97	Agreement
E4841-162	4th/2005	Milk	Cr-51	190	193	0.99	Agreement
E4841-162	4th/2005	Milk	Cs-134	86.4	87.3	0.99	Agreement
E4841-162	4th/2005	Milk	Cs-137	187	189	0.99	Agreement
E4841-162	4th/2005	Milk	Co-58	78.7	77.5	1.02	Agreement
E4841-162	4th/2005	Milk	Mn-54	153	152	1.01	Agreement
E4841-162	4th/2005	Milk	Fe-59	87.8	82.4	1.07	Agreement
E4841-162	4th/2005	Milk	Zn-65	148	154	0.96	Agreement
E4841-162	4th/2005	Milk	Co-60	106	111	0.95	Agreement
E4879-162	4th/2005	Charcoal	I-131	68.4	72.0	0.95	Agreement

Values in pCi/Liter (Filters in pCi)

TABLE B-3

SUMMARY OF BLIND DUPLICATE SAMPLES
January - December 2005

TYPE OF SAMPLE	NUMBER OF PAIRED SAMPLES SUBMITTED
Water	26
Algae	3
Mussels	3
TOTAL	32

APPENDIX C - SUMMARY OF 2005 REMP DATA

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	11	L8706-01	1/18/2005	GROSS BETA	2.05E-02	1.00E-03	1.50E-03	*
AP	11	L8763-01	1/25/2005	GROSS BETA	2.62E-02	1.70E-03	2.80E-03	*
AP	11	L8831-01	2/9/2005	GROSS BETA	1.63E-02	9.20E-04	1.50E-03	*
AP	11	L8878-01	2/23/2005	GROSS BETA	1.77E-02	1.00E-03	2.10E-03	*
AP	11	L8936-01	3/9/2005	GROSS BETA	1.94E-02	1.00E-03	1.80E-03	*
AP	11	L9007-01	3/22/2005	GROSS BETA	1.67E-02	9.90E-04	1.70E-03	*
AP	11	L9092-01	3/30/2005	AcTh-228	1.10E-03	1.20E-03	4.20E-03	
AP	11	L9092-01	3/30/2005	Ag-110m	3.70E-04	4.90E-04	1.80E-03	
AP	11	L9092-01	3/30/2005	Ba-140	-1.32E-02	8.10E-03	4.30E-02	
AP	11	L9092-01	3/30/2005	Be-7	8.40E-02	1.30E-02	3.10E-02	*
AP	11	L9092-01	3/30/2005	Ce-141	6.00E-04	1.20E-03	4.10E-03	
AP	11	L9092-01	3/30/2005	Ce-144	-1.90E-03	1.70E-03	6.60E-03	
AP	11	L9092-01	3/30/2005	Co-57	1.40E-04	1.80E-04	6.30E-04	
AP	11	L9092-01	3/30/2005	Co-58	-6.00E-05	4.20E-04	1.90E-03	
AP	11	L9092-01	3/30/2005	Co-60	2.30E-04	3.70E-04	1.40E-03	
AP	11	L9092-01	3/30/2005	Cs-134	-4.80E-04	3.40E-04	1.60E-03	
AP	11	L9092-01	3/30/2005	Cs-137	1.70E-04	5.70E-04	2.10E-03	
AP	11	L9092-01	3/30/2005	Fe-59	5.00E-04	1.40E-03	5.90E-03	
AP	11	L9040-01	3/30/2005	GROSS BETA	1.26E-02	1.50E-03	4.00E-03	*
AP	11	L9092-01	3/30/2005	I-131	9.00E-03	2.40E-02	9.00E-02	
AP	11	L9092-01	3/30/2005	K-40	-6.30E-03	4.00E-03	2.00E-02	
AP	11	L9092-01	3/30/2005	La-140	-1.52E-02	9.30E-03	5.00E-02	
AP	11	L9092-01	3/30/2005	Mn-54	4.50E-04	3.70E-04	1.30E-03	
AP	11	L9092-01	3/30/2005	Nb-95	4.70E-04	8.60E-04	3.30E-03	
AP	11	L9092-01	3/30/2005	Ru-103	5.80E-04	8.40E-04	3.00E-03	
AP	11	L9092-01	3/30/2005	Ru-106	-3.00E-03	2.80E-03	1.20E-02	
AP	11	L9092-01	3/30/2005	Sb-124	-2.40E-03	1.70E-03	9.00E-03	
AP	11	L9092-01	3/30/2005	Zn-65	-1.04E-03	9.00E-04	4.10E-03	
AP	11	L9092-01	3/30/2005	Zr-95	4.70E-04	8.60E-04	3.40E-03	
AP	11	L9118-01	4/12/2005	GROSS BETA	1.55E-02	1.00E-03	2.10E-03	*
AP	11	L9176-01	4/26/2005	GROSS BETA	1.53E-02	9.80E-04	2.00E-03	*
AP	11	L9257-01	5/11/2005	GROSS BETA	1.09E-02	8.40E-04	1.80E-03	*
AP	11	L9327-01	5/27/2005	GROSS BETA	9.70E-03	7.70E-04	1.70E-03	*
AP	11	L9404-01	6/7/2005	GROSS BETA	1.76E-02	1.20E-03	2.40E-03	*
AP	11	L9479-01	6/22/2005	GROSS BETA	1.57E-02	9.70E-04	1.90E-03	*
AP	11	L9564-01	6/27/2005	AcTh-228	-1.30E-03	1.10E-03	4.70E-03	
AP	11	L9564-01	6/27/2005	Ag-110m	-2.50E-04	4.30E-04	1.90E-03	
AP	11	L9564-01	6/27/2005	Ba-140	-1.10E-02	6.30E-03	3.90E-02	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	11	L9564-01	6/27/2005	Be-7	8.30E-02	1.10E-02	1.90E-02	*
AP	11	L9564-01	6/27/2005	Ce-141	1.00E-04	1.20E-03	4.30E-03	
AP	11	L9564-01	6/27/2005	Ce-144	5.00E-04	1.30E-03	4.60E-03	
AP	11	L9564-01	6/27/2005	Co-57	2.30E-04	1.70E-04	5.80E-04	
AP	11	L9564-01	6/27/2005	Co-58	4.50E-04	3.10E-04	1.00E-03	
AP	11	L9564-01	6/27/2005	Co-60	1.90E-04	2.70E-04	1.10E-03	
AP	11	L9564-01	6/27/2005	Cs-134	3.80E-04	2.80E-04	9.30E-04	
AP	11	L9564-01	6/27/2005	Cs-137	4.50E-04	2.30E-04	6.80E-04	
AP	11	L9564-01	6/27/2005	Fe-59	1.50E-03	1.30E-03	4.60E-03	
AP	11	L9493-01	6/27/2005	GROSS BETA	3.43E-02	2.50E-03	4.70E-03	*
AP	11	L9564-01	6/27/2005	I-131	-2.70E-02	3.80E-02	1.50E-01	
AP	11	L9564-01	6/27/2005	K-40	-6.30E-03	2.90E-03	1.60E-02	
AP	11	L9564-01	6/27/2005	La-140	-1.26E-02	7.30E-03	4.50E-02	
AP	11	L9564-01	6/27/2005	Mn-54	-1.10E-04	2.20E-04	1.00E-03	
AP	11	L9564-01	6/27/2005	Nb-95	7.60E-04	9.00E-04	3.30E-03	
AP	11	L9564-01	6/27/2005	Ru-103	-5.50E-04	5.50E-04	2.60E-03	
AP	11	L9564-01	6/27/2005	Ru-106	2.00E-03	2.50E-03	9.20E-03	
AP	11	L9564-01	6/27/2005	Sb-124	-1.30E-03	1.50E-03	7.50E-03	
AP	11	L9564-01	6/27/2005	Zn-65	4.40E-04	5.40E-04	2.00E-03	
AP	11	L9564-01	6/27/2005	Zr-95	-7.00E-04	1.00E-03	4.40E-03	
AP	11	L9578-01	7/12/2005	GROSS BETA	1.30E-02	8.90E-04	1.60E-03	*
AP	11	L9662-01	7/27/2005	GROSS BETA	2.00E-02	1.00E-03	1.50E-03	*
AP	11	L9732-01	8/10/2005	GROSS BETA	2.73E-02	1.20E-03	1.60E-03	*
AP	11	L9796-01	8/24/2005	GROSS BETA	2.09E-02	1.10E-03	1.70E-03	*
AP	11	L9843-01	9/7/2005	GROSS BETA	1.89E-02	1.10E-03	1.80E-03	*
AP	11	L9940-01	9/21/2005	GROSS BETA	2.66E-02	8.70E-04	1.30E-03	*
AP	11	L10031-01	9/27/2005	AcTh-228	7.00E-04	1.20E-03	4.30E-03	
AP	11	L10031-01	9/27/2005	Ag-110m	3.80E-04	2.80E-04	9.20E-04	
AP	11	L10031-01	9/27/2005	Ba-140	-5.30E-03	7.50E-03	3.50E-02	
AP	11	L10031-01	9/27/2005	Be-7	1.13E-01	1.20E-02	1.90E-02	*
AP	11	L10031-01	9/27/2005	Ce-141	-5.00E-04	1.20E-03	4.60E-03	
AP	11	L10031-01	9/27/2005	Ce-144	1.40E-03	1.30E-03	4.50E-03	
AP	11	L10031-01	9/27/2005	Co-57	-1.30E-04	1.50E-04	6.00E-04	
AP	11	L10031-01	9/27/2005	Co-58	-5.00E-05	3.90E-04	1.70E-03	
AP	11	L10031-01	9/27/2005	Co-60	-2.70E-04	2.90E-04	1.40E-03	
AP	11	L10031-01	9/27/2005	Cs-134	1.90E-04	2.00E-04	7.40E-04	
AP	11	L10031-01	9/27/2005	Cs-137	-1.70E-04	2.30E-04	1.00E-03	
AP	11	L10031-01	9/27/2005	Fe-59	-1.40E-03	1.40E-03	6.60E-03	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m ³)	STD.DEV. (pCi/m ³)	MDC (pCi/m ³)	
AP	11	L9969-01	9/27/2005	GROSS BETA	2.58E-02	2.00E-03	3.90E-03	*
AP	11	L10031-01	9/27/2005	I-131	-4.00E-03	2.20E-02	8.40E-02	
AP	11	L10031-01	9/27/2005	K-40	-6.00E-04	3.00E-03	1.30E-02	
AP	11	L10031-01	9/27/2005	La-140	-6.10E-03	8.60E-03	4.00E-02	
AP	11	L10031-01	9/27/2005	Mn-54	3.30E-04	2.40E-04	7.70E-04	
AP	11	L10031-01	9/27/2005	Nb-95	1.85E-03	8.80E-04	2.50E-03	
AP	11	L10031-01	9/27/2005	Ru-103	6.00E-05	8.60E-04	3.30E-03	
AP	11	L10031-01	9/27/2005	Ru-106	-5.00E-04	2.20E-03	9.20E-03	
AP	11	L10031-01	9/27/2005	Sb-124	1.20E-03	1.50E-03	5.60E-03	
AP	11	L10031-01	9/27/2005	Zn-65	0.00E+00	5.40E-04	2.40E-03	
AP	11	L10031-01	9/27/2005	Zr-95	6.00E-04	6.80E-04	2.50E-03	
AP	11	L10071-01	10/18/2005	GROSS BETA	1.55E-02	7.60E-04	1.10E-03	*
AP	11	L10138-01	11/1/2005	GROSS BETA	1.44E-02	9.60E-04	1.80E-03	*
AP	11	L10216-01	11/15/2005	GROSS BETA	2.54E-02	1.20E-03	1.80E-03	*
AP	11	L10221-02	11/23/2005	GROSS BETA	1.72E-02	1.40E-03	3.00E-03	*
AP	11	L10263-01	12/7/2005	GROSS BETA	1.98E-02	1.10E-03	2.20E-03	*
AP	11	L10471-01	12/29/2005	AcTh-228	1.30E-03	1.00E-03	3.60E-03	
AP	11	L10471-01	12/29/2005	Ag-110m	4.70E-04	3.70E-04	1.30E-03	
AP	11	L10471-01	12/29/2005	Ba-140	1.22E-02	8.60E-03	2.80E-02	
AP	11	L10471-01	12/29/2005	Be-7	6.50E-02	1.00E-02	2.30E-02	*
AP	11	L10471-01	12/29/2005	Ce-141	0.00E+00	1.20E-03	4.50E-03	
AP	11	L10471-01	12/29/2005	Ce-144	-2.00E-03	1.20E-03	4.80E-03	
AP	11	L10471-01	12/29/2005	Co-57	0.00E+00	1.40E-04	5.20E-04	
AP	11	L10471-01	12/29/2005	Co-58	1.80E-04	3.30E-04	1.30E-03	
AP	11	L10471-01	12/29/2005	Co-60	2.90E-04	2.30E-04	7.80E-04	
AP	11	L10471-01	12/29/2005	Cs-134	-1.10E-04	2.10E-04	9.50E-04	
AP	11	L10471-01	12/29/2005	Cs-137	-1.80E-04	2.00E-04	9.00E-04	
AP	11	L10471-01	12/29/2005	Fe-59	-9.00E-04	1.40E-03	6.40E-03	
AP	11	L10347-01	12/29/2005	GROSS BETA	2.70E-02	9.10E-04	1.10E-03	*
AP	11	L10471-01	12/29/2005	I-131	-1.50E-02	2.20E-02	9.30E-02	
AP	11	L10471-01	12/29/2005	K-40	1.90E-03	2.60E-03	9.90E-03	
AP	11	L10471-01	12/29/2005	La-140	1.41E-02	9.90E-03	3.30E-02	
AP	11	L10471-01	12/29/2005	Mn-54	-8.00E-05	2.60E-04	1.10E-03	
AP	11	L10471-01	12/29/2005	Nb-95	-6.30E-04	7.10E-04	3.30E-03	
AP	11	L10471-01	12/29/2005	Ru-103	9.20E-04	6.10E-04	2.00E-03	
AP	11	L10471-01	12/29/2005	Ru-106	-2.70E-03	2.50E-03	1.10E-02	
AP	11	L10471-01	12/29/2005	Sb-124	2.30E-03	1.60E-03	5.40E-03	
AP	11	L10471-01	12/29/2005	Zn-65	-2.10E-04	6.20E-04	2.70E-03	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	11	L10471-01	12/29/2005	Zr-95	8.20E-04	7.00E-04	2.40E-03	
AP	12	L8706-02	1/18/2005	GROSS BETA	1.90E-02	9.60E-04	1.50E-03	*
AP	12	L8763-02	1/25/2005	GROSS BETA	2.22E-02	1.50E-03	2.80E-03	*
AP	12	L8831-02	2/9/2005	GROSS BETA	1.93E-02	1.00E-03	1.60E-03	*
AP	12	L8878-02	2/23/2005	GROSS BETA	1.52E-02	9.90E-04	2.10E-03	*
AP	12	L8936-02	3/9/2005	GROSS BETA	1.66E-02	9.70E-04	1.90E-03	*
AP	12	L9007-02	3/22/2005	GROSS BETA	1.57E-02	9.70E-04	1.70E-03	*
AP	12	L9092-02	3/30/2005	AcTh-228	-1.10E-03	1.30E-03	5.60E-03	
AP	12	L9092-02	3/30/2005	Ag-110m	3.40E-04	4.00E-04	1.50E-03	
AP	12	L9092-02	3/30/2005	Ba-140	1.33E-02	6.70E-03	9.00E-03	
AP	12	L9092-02	3/30/2005	Bc-7	9.60E-02	1.20E-02	2.00E-02	*
AP	12	L9092-02	3/30/2005	Ce-141	1.00E-03	1.20E-03	4.20E-03	
AP	12	L9092-02	3/30/2005	Ce-144	-1.20E-03	1.30E-03	5.10E-03	
AP	12	L9092-02	3/30/2005	Co-57	-2.00E-04	1.80E-04	7.10E-04	
AP	12	L9092-02	3/30/2005	Co-58	-1.00E-04	5.40E-04	2.30E-03	
AP	12	L9092-02	3/30/2005	Co-60	-1.30E-04	4.30E-04	1.80E-03	
AP	12	L9092-02	3/30/2005	Cs-134	2.50E-04	3.50E-04	1.30E-03	
AP	12	L9092-02	3/30/2005	Cs-137	1.20E-04	5.40E-04	1.90E-03	
AP	12	L9092-02	3/30/2005	Fe-59	1.10E-03	7.70E-04	1.50E-03	
AP	12	L9040-02	3/30/2005	GROSS BETA	1.02E-02	1.30E-03	3.60E-03	*
AP	12	L9092-02	3/30/2005	I-131	-7.00E-03	2.80E-02	1.10E-01	
AP	12	L9092-02	3/30/2005	K-40	-2.40E-03	3.80E-03	1.70E-02	
AP	12	L9092-02	3/30/2005	La-140	1.53E-02	7.70E-03	1.00E-02	
AP	12	L9092-02	3/30/2005	Mn-54	2.50E-04	3.50E-04	1.30E-03	
AP	12	L9092-02	3/30/2005	Nb-95	1.30E-03	1.10E-03	3.80E-03	
AP	12	L9092-02	3/30/2005	Ru-103	0.00E+00	8.20E-04	3.20E-03	
AP	12	L9092-02	3/30/2005	Ru-106	-1.50E-03	2.80E-03	1.20E-02	
AP	12	L9092-02	3/30/2005	Sb-124	-1.00E-04	1.10E-03	5.50E-03	
AP	12	L9092-02	3/30/2005	Zn-65	-1.31E-03	6.90E-04	3.70E-03	
AP	12	L9092-02	3/30/2005	Zr-95	-1.10E-04	7.60E-04	3.40E-03	
AP	12	L9118-02	4/12/2005	GROSS BETA	1.21E-02	9.80E-04	2.20E-03	*
AP	12	L9176-02	4/26/2005	GROSS BETA	1.58E-02	1.00E-03	2.10E-03	*
AP	12	L9257-02	5/11/2005	GROSS BETA	1.05E-02	8.40E-04	1.80E-03	*
AP	12	L9327-02	5/27/2005	GROSS BETA	9.71E-03	7.90E-04	1.70E-03	*
AP	12	L9404-02	6/7/2005	GROSS BETA	1.61E-02	1.10E-03	2.30E-03	*
AP	12	L9479-02	6/22/2005	GROSS BETA	1.47E-02	9.30E-04	1.90E-03	*
AP	12	L9564-02	6/27/2005	AcTh-228	-4.80E-04	8.90E-04	3.90E-03	
AP	12	L9564-02	6/27/2005	Ag-110m	0.00E+00	3.60E-04	1.50E-03	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m ³)	STD.DEV. (pCi/m ³)	MDC (pCi/m ³)
AP	12	L9564-02	6/27/2005	Ba-140	7.50E-03	9.20E-03	3.50E-02
AP	12	L9564-02	6/27/2005	Be-7	8.00E-02	1.20E-02	2.60E-02 *
AP	12	L9564-02	6/27/2005	Ce-141	-1.10E-03	1.40E-03	5.30E-03
AP	12	L9564-02	6/27/2005	Ce-144	8.00E-04	1.20E-03	4.40E-03
AP	12	L9564-02	6/27/2005	Co-57	1.00E-04	1.40E-04	5.00E-04
AP	12	L9564-02	6/27/2005	Co-58	3.50E-04	4.00E-04	1.50E-03
AP	12	L9564-02	6/27/2005	Co-60	-1.60E-04	3.10E-04	1.40E-03
AP	12	L9564-02	6/27/2005	Cs-134	1.30E-04	2.40E-04	9.50E-04
AP	12	L9564-02	6/27/2005	Cs-137	-1.40E-04	2.50E-04	1.10E-03
AP	12	L9564-02	6/27/2005	Fe-59	0.00E+00	1.40E-03	6.10E-03
AP	12	L9493-02	6/27/2005	GROSS BETA	3.07E-02	2.40E-03	4.70E-03 *
AP	12	L9564-02	6/27/2005	I-131	-7.00E-03	2.70E-02	1.10E-01
AP	12	L9564-02	6/27/2005	K-40	2.00E-03	3.70E-03	1.40E-02
AP	12	L9564-02	6/27/2005	La-140	9.00E-03	1.10E-02	4.00E-02
AP	12	L9564-02	6/27/2005	Mn-54	-3.30E-04	2.80E-04	1.30E-03
AP	12	L9564-02	6/27/2005	Nb-95	-1.83E-03	9.40E-04	4.70E-03
AP	12	L9564-02	6/27/2005	Ru-103	3.80E-04	5.90E-04	2.30E-03
AP	12	L9564-02	6/27/2005	Ru-106	-5.00E-03	2.70E-03	1.30E-02
AP	12	L9564-02	6/27/2005	Sb-124	-1.90E-03	1.10E-03	6.90E-03
AP	12	L9564-02	6/27/2005	Zn-65	-4.50E-04	7.10E-04	3.20E-03
AP	12	L9564-02	6/27/2005	Zr-95	1.01E-03	9.90E-04	3.50E-03
AP	12	L9578-02	7/12/2005	GROSS BETA	1.31E-02	8.50E-04	1.50E-03 *
AP	12	L9662-02	7/27/2005	GROSS BETA	1.86E-02	9.80E-04	1.50E-03 *
AP	12	L9732-02	8/10/2005	GROSS BETA	2.44E-02	1.10E-03	1.50E-03 *
AP	12	L9796-02	8/24/2005	GROSS BETA	1.97E-02	1.00E-03	1.60E-03 *
AP	12	L9843-02	9/7/2005	GROSS BETA	1.72E-02	1.00E-03	1.70E-03 *
AP	12	L9940-02	9/21/2005	GROSS BETA	2.42E-02	8.10E-04	1.20E-03 *
AP	12	L10031-02	9/28/2005	AcTh-228	-4.10E-04	8.90E-04	3.80E-03
AP	12	L10031-02	9/28/2005	Ag-110m	1.20E-04	4.00E-04	1.60E-03
AP	12	L10031-02	9/28/2005	Ba-140	-7.30E-03	5.40E-03	2.90E-02
AP	12	L10031-02	9/28/2005	Be-7	1.37E-01	1.20E-02	1.50E-02 *
AP	12	L10031-02	9/28/2005	Ce-141	2.40E-03	1.20E-03	3.70E-03
AP	12	L10031-02	9/28/2005	Ce-144	-1.70E-03	1.20E-03	4.80E-03
AP	12	L10031-02	9/28/2005	Co-57	-1.10E-04	1.60E-04	6.00E-04
AP	12	L10031-02	9/28/2005	Co-58	-2.60E-04	4.40E-04	1.90E-03
AP	12	L10031-02	9/28/2005	Co-60	-7.10E-04	3.30E-04	1.70E-03
AP	12	L10031-02	9/28/2005	Cs-134	-4.00E-05	2.00E-04	9.00E-04
AP	12	L10031-02	9/28/2005	Cs-137	-1.60E-04	2.20E-04	9.70E-04

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	12	L10031-02	9/28/2005	Fe-59	-1.80E-03	1.40E-03	6.60E-03
AP	12	L9969-02	9/28/2005	GROSS BETA	2.75E-02	1.90E-03	3.50E-03 *
AP	12	L10031-02	9/28/2005	I-131	2.50E-02	1.40E-02	4.20E-02
AP	12	L10031-02	9/28/2005	K-40	-7.00E-04	2.50E-03	1.20E-02
AP	12	L10031-02	9/28/2005	La-140	-8.40E-03	6.30E-03	3.40E-02
AP	12	L10031-02	9/28/2005	Mn-54	2.40E-04	3.30E-04	1.20E-03
AP	12	L10031-02	9/28/2005	Nb-95	8.00E-04	6.80E-04	2.40E-03
AP	12	L10031-02	9/28/2005	Ru-103	3.20E-04	6.60E-04	2.50E-03
AP	12	L10031-02	9/28/2005	Ru-106	-8.00E-04	2.70E-03	1.10E-02
AP	12	L10031-02	9/28/2005	Sb-124	0.00E+00	1.10E-03	5.30E-03
AP	12	L10031-02	9/28/2005	Zn-65	-1.05E-03	8.10E-04	3.70E-03
AP	12	L10031-02	9/28/2005	Zr-95	-1.20E-04	5.90E-04	2.70E-03
AP	13	L8706-03	1/18/2005	GROSS BETA	2.79E-02	1.40E-03	2.10E-03 *
AP	13	L8763-03	1/25/2005	GROSS BETA	3.44E-02	2.30E-03	4.00E-03 *
AP	13	L8831-03	2/9/2005	GROSS BETA	2.17E-02	1.30E-03	2.20E-03 *
AP	13	L8878-03	2/23/2005	GROSS BETA	2.14E-02	1.40E-03	3.00E-03 *
AP	13	L8936-03	3/9/2005	GROSS BETA	2.31E-02	1.40E-03	2.70E-03 *
AP	13	L9007-03	3/22/2005	GROSS BETA	1.93E-02	1.40E-03	2.70E-03 *
AP	13	L9092-03	3/30/2005	AcTh-228	2.10E-03	1.90E-03	6.60E-03
AP	13	L9092-03	3/30/2005	Ag-110m	8.00E-05	5.70E-04	2.40E-03
AP	13	L9092-03	3/30/2005	Ba-140	-1.43E-02	8.20E-03	5.10E-02
AP	13	L9092-03	3/30/2005	Be-7	1.28E-01	1.80E-02	3.80E-02 *
AP	13	L9092-03	3/30/2005	Ce-141	1.30E-03	1.50E-03	5.40E-03
AP	13	L9092-03	3/30/2005	Ce-144	-2.80E-03	2.00E-03	8.00E-03
AP	13	L9092-03	3/30/2005	Co-57	-4.30E-04	2.50E-04	1.00E-03
AP	13	L9092-03	3/30/2005	Co-58	5.00E-04	1.00E-03	3.80E-03
AP	13	L9092-03	3/30/2005	Co-60	-3.00E-05	5.30E-04	2.30E-03
AP	13	L9092-03	3/30/2005	Cs-134	-4.50E-04	6.10E-04	2.60E-03
AP	13	L9092-03	3/30/2005	Cs-137	-4.60E-04	7.20E-04	2.80E-03
AP	13	L9092-03	3/30/2005	Fe-59	0.00E+00	1.10E-03	5.80E-03
AP	13	L9040-03	3/30/2005	GROSS BETA	1.49E-02	1.90E-03	5.10E-03 *
AP	13	L9092-03	3/30/2005	I-131	-3.50E-02	3.20E-02	1.40E-01
AP	13	L9092-03	3/30/2005	K-40	-3.50E-03	6.00E-03	2.60E-02
AP	13	L9092-03	3/30/2005	La-140	-1.64E-02	9.50E-03	5.90E-02
AP	13	L9092-03	3/30/2005	Mn-54	3.40E-04	4.30E-04	1.60E-03
AP	13	L9092-03	3/30/2005	Nb-95	2.80E-03	1.60E-03	4.80E-03
AP	13	L9092-03	3/30/2005	Ru-103	-1.10E-03	1.40E-03	5.70E-03
AP	13	L9092-03	3/30/2005	Ru-106	4.30E-03	3.70E-03	1.30E-02

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	13	L9092-03	3/30/2005	Sb-124	-1.30E-03	2.40E-03	1.20E-02
AP	13	L9092-03	3/30/2005	Zn-65	-3.80E-04	8.40E-04	4.00E-03
AP	13	L9092-03	3/30/2005	Zr-95	-1.90E-03	1.10E-03	5.90E-03
AP	13	L9118-03	4/12/2005	GROSS BETA	2.26E-02	1.50E-03	3.10E-03 *
AP	13	L9176-03	4/26/2005	GROSS BETA	1.90E-02	1.40E-03	2.90E-03 *
AP	13	L9257-03	5/11/2005	GROSS BETA	1.49E-02	1.20E-03	2.70E-03 *
AP	13	L9327-03	5/27/2005	GROSS BETA	1.44E-02	1.10E-03	2.40E-03 *
AP	13	L9404-03	6/7/2005	GROSS BETA	2.10E-02	1.70E-03	3.60E-03 *
AP	13	L9479-03	6/22/2005	GROSS BETA	1.91E-02	1.40E-03	2.90E-03 *
AP	13	L9564-03	6/27/2005	AcTh-228	-7.00E-04	1.00E-03	4.90E-03
AP	13	L9564-03	6/27/2005	Ag-110m	0.00E+00	5.20E-04	2.20E-03
AP	13	L9564-03	6/27/2005	Ba-140	0.00E+00	0.00E+00	1.50E-02
AP	13	L9564-03	6/27/2005	Bc-7	1.09E-01	1.60E-02	3.50E-02 *
AP	13	L9564-03	6/27/2005	Ce-141	1.20E-03	1.90E-03	6.80E-03
AP	13	L9564-03	6/27/2005	Ce-144	-5.30E-03	1.60E-03	7.30E-03
AP	13	L9564-03	6/27/2005	Co-57	-8.00E-05	2.40E-04	8.90E-04
AP	13	L9564-03	6/27/2005	Co-58	5.90E-04	7.60E-04	2.80E-03
AP	13	L9564-03	6/27/2005	Co-60	1.20E-04	3.70E-04	1.60E-03
AP	13	L9564-03	6/27/2005	Cs-134	4.20E-04	3.60E-04	1.20E-03
AP	13	L9564-03	6/27/2005	Cs-137	3.60E-04	2.90E-04	1.00E-03
AP	13	L9564-03	6/27/2005	Fe-59	1.50E-03	1.80E-03	6.80E-03
AP	13	L9564-03	6/27/2005	I-131	-1.00E-02	4.60E-02	1.80E-01
AP	13	L9564-03	6/27/2005	K-40	-1.60E-03	5.10E-03	2.20E-02
AP	13	L9564-03	6/27/2005	La-140	0.00E+00	0.00E+00	1.70E-02
AP	13	L9564-03	6/27/2005	Mn-54	-4.90E-04	3.70E-04	1.80E-03
AP	13	L9564-03	6/27/2005	Nb-95	3.00E-04	1.10E-03	4.40E-03
AP	13	L9564-03	6/27/2005	Ru-103	1.36E-03	9.00E-04	2.90E-03
AP	13	L9564-03	6/27/2005	Ru-106	-4.40E-03	4.30E-03	1.80E-02
AP	13	L9564-03	6/27/2005	Sb-124	-2.80E-03	2.10E-03	1.10E-02
AP	13	L9564-03	6/27/2005	Zn-65	-1.30E-03	8.00E-04	4.30E-03
AP	13	L9564-03	6/27/2005	Zr-95	-4.00E-04	1.40E-03	5.70E-03
AP	13	L9493-03	6/28/2005	GROSS BETA	3.72E-02	3.00E-03	6.20E-03 *
AP	13	L9578-03	7/12/2005	GROSS BETA	2.01E-02	1.40E-03	2.50E-03 *
AP	13	L9662-03	7/27/2005	GROSS BETA	2.78E-02	1.50E-03	2.30E-03 *
AP	13	L9732-03	8/10/2005	GROSS BETA	3.48E-02	1.70E-03	2.40E-03 *
AP	13	L9796-03	8/24/2005	GROSS BETA	2.86E-02	1.50E-03	2.30E-03 *
AP	13	L9843-03	9/7/2005	GROSS BETA	2.59E-02	1.60E-03	2.80E-03 *
AP	13	L9940-03	9/21/2005	GROSS BETA	4.02E-02	1.30E-03	1.90E-03 *

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

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Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	13	L10031-03	9/28/2005	AcTh-228	-6.00E-04	1.50E-03	6.40E-03
AP	13	L10031-03	9/28/2005	Ag-110m	0.00E+00	7.60E-04	3.00E-03
AP	13	L10031-03	9/28/2005	Ba-140	3.90E-03	6.70E-03	2.80E-02
AP	13	L10031-03	9/28/2005	Be-7	1.44E-01	1.70E-02	3.40E-02 *
AP	13	L10031-03	9/28/2005	Ce-141	-1.00E-04	1.90E-03	6.80E-03
AP	13	L10031-03	9/28/2005	Ce-144	-1.50E-03	2.00E-03	7.70E-03
AP	13	L10031-03	9/28/2005	Co-57	8.00E-05	2.10E-04	7.60E-04
AP	13	L10031-03	9/28/2005	Co-58	-3.90E-04	7.50E-04	3.20E-03
AP	13	L10031-03	9/28/2005	Co-60	4.30E-04	5.10E-04	1.90E-03
AP	13	L10031-03	9/28/2005	Cs-134	4.20E-04	3.30E-04	1.10E-03
AP	13	L10031-03	9/28/2005	Cs-137	8.00E-05	3.20E-04	1.30E-03
AP	13	L10031-03	9/28/2005	Fe-59	1.40E-03	1.70E-03	6.50E-03
AP	13	L9969-03	9/28/2005	GROSS BETA	3.60E-02	2.90E-03	5.80E-03 *
AP	13	L10031-03	9/28/2005	I-131	-4.50E-02	2.80E-02	1.20E-01
AP	13	L10031-03	9/28/2005	K-40	-1.16E-02	4.60E-03	2.50E-02
AP	13	L10031-03	9/28/2005	La-140	4.40E-03	7.70E-03	3.30E-02
AP	13	L10031-03	9/28/2005	Mn-54	5.00E-04	5.30E-04	1.90E-03
AP	13	L10031-03	9/28/2005	Nb-95	-1.00E-04	1.20E-03	4.90E-03
AP	13	L10031-03	9/28/2005	Ru-103	-1.00E-04	1.10E-03	4.40E-03
AP	13	L10031-03	9/28/2005	Ru-106	-2.60E-03	4.60E-03	1.90E-02
AP	13	L10031-03	9/28/2005	Sb-124	1.80E-03	2.50E-03	9.70E-03
AP	13	L10031-03	9/28/2005	Zn-65	1.00E-03	1.10E-03	4.00E-03
AP	13	L10031-03	9/28/2005	Zr-95	7.00E-04	1.30E-03	4.90E-03
AP	14	L8706-04	1/18/2005	GROSS BETA	1.75E-02	9.30E-04	1.50E-03 *
AP	14	L8763-04	1/25/2005	GROSS BETA	2.43E-02	1.50E-03	2.60E-03 *
AP	14	L8831-04	2/9/2005	GROSS BETA	1.66E-02	8.90E-04	1.40E-03 *
AP	14	L8878-04	2/23/2005	GROSS BETA	1.76E-02	9.70E-04	1.90E-03 *
AP	14	L8936-04	3/9/2005	GROSS BETA	1.64E-02	9.20E-04	1.70E-03 *
AP	14	L9007-04	3/22/2005	GROSS BETA	1.77E-02	9.80E-04	1.60E-03 *
AP	14	L9092-04	3/30/2005	AcTh-228	-7.00E-04	1.00E-03	4.50E-03
AP	14	L9092-04	3/30/2005	Ag-110m	-1.20E-03	4.70E-04	2.40E-03
AP	14	L9092-04	3/30/2005	Ba-140	-1.54E-02	6.90E-03	4.00E-02
AP	14	L9092-04	3/30/2005	Be-7	7.70E-02	1.10E-02	2.40E-02 *
AP	14	L9092-04	3/30/2005	Ce-141	-1.30E-03	1.20E-03	4.60E-03
AP	14	L9092-04	3/30/2005	Ce-144	-1.30E-03	1.40E-03	5.30E-03
AP	14	L9092-04	3/30/2005	Co-57	1.10E-04	1.60E-04	5.70E-04
AP	14	L9092-04	3/30/2005	Co-58	6.00E-05	5.30E-04	2.10E-03
AP	14	L9092-04	3/30/2005	Co-60	-1.20E-04	4.00E-04	1.70E-03

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	14	L9092-04	3/30/2005	Cs-134	1.40E-04	3.10E-04	1.20E-03
AP	14	L9092-04	3/30/2005	Cs-137	5.10E-04	5.60E-04	1.90E-03
AP	14	L9092-04	3/30/2005	Fe-59	3.50E-03	1.80E-03	5.50E-03
AP	14	L9040-04	3/30/2005	GROSS BETA	1.17E-02	1.30E-03	3.30E-03 *
AP	14	L9092-04	3/30/2005	I-131	5.00E-03	1.80E-02	7.00E-02
AP	14	L9092-04	3/30/2005	K-40	-2.30E-03	4.60E-03	1.90E-02
AP	14	L9092-04	3/30/2005	La-140	-1.77E-02	7.90E-03	4.60E-02
AP	14	L9092-04	3/30/2005	Mn-54	-2.00E-05	3.30E-04	1.30E-03
AP	14	L9092-04	3/30/2005	Nb-95	-9.80E-04	7.80E-04	3.80E-03
AP	14	L9092-04	3/30/2005	Ru-103	7.10E-04	6.70E-04	2.30E-03
AP	14	L9092-04	3/30/2005	Ru-106	7.00E-04	2.70E-03	1.00E-02
AP	14	L9092-04	3/30/2005	Sb-124	-1.60E-03	1.70E-03	8.40E-03
AP	14	L9092-04	3/30/2005	Zn-65	0.00E+00	6.90E-04	2.90E-03
AP	14	L9092-04	3/30/2005	Zr-95	-1.40E-03	1.00E-03	4.60E-03
AP	14	L9118-04	4/12/2005	GROSS BETA	1.43E-02	9.60E-04	2.00E-03 *
AP	14	L9176-04	4/26/2005	GROSS BETA	1.38E-02	9.30E-04	1.90E-03 *
AP	14	L9257-04	5/11/2005	GROSS BETA	1.21E-02	8.30E-04	1.70E-03 *
AP	14	L9327-04	5/25/2005	GROSS BETA	8.66E-03	7.80E-04	1.80E-03 *
AP	14	L9404-04	6/7/2005	GROSS BETA	1.37E-02	9.40E-04	1.90E-03 *
AP	14	L9479-04	6/22/2005	GROSS BETA	1.47E-02	9.10E-04	1.80E-03 *
AP	14	L9564-04	6/27/2005	AcTh-228	-7.00E-04	8.60E-04	3.80E-03
AP	14	L9564-04	6/27/2005	Ag-110m	4.70E-04	3.70E-04	1.30E-03
AP	14	L9564-04	6/27/2005	Ba-140	-3.40E-03	3.40E-03	2.50E-02
AP	14	L9564-04	6/27/2005	Be-7	8.50E-02	1.00E-02	1.60E-02 *
AP	14	L9564-04	6/27/2005	Ce-141	-4.00E-04	1.20E-03	4.60E-03
AP	14	L9564-04	6/27/2005	Ce-144	-3.00E-04	1.10E-03	4.20E-03
AP	14	L9564-04	6/27/2005	Co-57	3.00E-05	1.50E-04	5.40E-04
AP	14	L9564-04	6/27/2005	Co-58	-1.50E-04	4.40E-04	1.90E-03
AP	14	L9564-04	6/27/2005	Co-60	2.80E-04	2.80E-04	9.90E-04
AP	14	L9564-04	6/27/2005	Cs-134	1.20E-04	2.20E-04	8.80E-04
AP	14	L9564-04	6/27/2005	Cs-137	-7.00E-05	2.60E-04	1.00E-03
AP	14	L9564-04	6/27/2005	Fe-59	1.40E-03	8.10E-04	1.30E-03
AP	14	L9564-04	6/27/2005	I-131	6.00E-03	3.50E-02	1.30E-01
AP	14	L9564-04	6/27/2005	K-40	-9.00E-04	3.50E-03	1.50E-02
AP	14	L9564-04	6/27/2005	La-140	-4.00E-03	4.00E-03	2.90E-02
AP	14	L9564-04	6/27/2005	Mn-54	1.20E-04	2.20E-04	8.60E-04
AP	14	L9564-04	6/27/2005	Nb-95	7.10E-04	8.40E-04	3.10E-03
AP	14	L9564-04	6/27/2005	Ru-103	-1.03E-03	6.00E-04	2.90E-03

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	14	L9564-04	6/27/2005	Ru-106	-7.00E-04	2.40E-03	9.90E-03
AP	14	L9564-04	6/27/2005	Sb-124	-2.90E-03	1.30E-03	7.70E-03
AP	14	L9564-04	6/27/2005	Zn-65	2.10E-04	5.50E-04	2.20E-03
AP	14	L9564-04	6/27/2005	Zr-95	-9.90E-04	7.50E-04	3.60E-03
AP	14	L9493-04	6/28/2005	GROSS BETA	2.49E-02	1.90E-03	3.60E-03 *
AP	14	L9578-04	7/12/2005	GROSS BETA	1.58E-02	9.40E-04	1.60E-03 *
AP	14	L9662-04	7/27/2005	GROSS BETA	2.10E-02	1.00E-03	1.40E-03 *
AP	14	L9732-04	8/10/2005	GROSS BETA	2.57E-02	1.10E-03	1.40E-03 *
AP	14	L9796-04	8/24/2005	GROSS BETA	1.86E-02	9.80E-04	1.50E-03 *
AP	14	L9843-04	9/7/2005	GROSS BETA	1.73E-02	9.70E-04	1.60E-03 *
AP	14	L9940-04	9/21/2005	GROSS BETA	2.46E-02	7.90E-04	1.10E-03 *
AP	14	L10031-04	9/27/2005	AcTh-228	9.00E-04	1.00E-03	3.70E-03
AP	14	L10031-04	9/27/2005	Ag-110m	0.00E+00	4.00E-04	1.60E-03
AP	14	L10031-04	9/27/2005	Ba-140	2.50E-03	4.30E-03	1.80E-02
AP	14	L10031-04	9/27/2005	Bc-7	9.00E-02	1.10E-02	2.50E-02 *
AP	14	L10031-04	9/27/2005	Ce-141	-1.00E-03	1.10E-03	4.30E-03
AP	14	L10031-04	9/27/2005	Ce-144	-1.10E-03	1.30E-03	5.10E-03
AP	14	L10031-04	9/27/2005	Co-57	-3.30E-04	1.30E-04	5.80E-04
AP	14	L10031-04	9/27/2005	Co-58	-4.20E-04	3.30E-04	1.70E-03
AP	14	L10031-04	9/27/2005	Co-60	-4.00E-05	2.60E-04	1.20E-03
AP	14	L10031-04	9/27/2005	Cs-134	1.20E-04	2.20E-04	8.70E-04
AP	14	L10031-04	9/27/2005	Cs-137	2.40E-04	2.20E-04	7.90E-04
AP	14	L10031-04	9/27/2005	Fe-59	-2.60E-03	1.20E-03	6.40E-03
AP	14	L9969-04	9/27/2005	GROSS BETA	2.56E-02	1.90E-03	3.50E-03 *
AP	14	L10031-04	9/27/2005	I-131	-7.00E-03	1.90E-02	7.60E-02
AP	14	L10031-04	9/27/2005	K-40	-4.20E-03	3.00E-03	1.50E-02
AP	14	L10031-04	9/27/2005	La-140	2.80E-03	4.90E-03	2.10E-02
AP	14	L10031-04	9/27/2005	Mn-54	-2.30E-04	2.30E-04	1.10E-03
AP	14	L10031-04	9/27/2005	Nb-95	-2.60E-04	7.50E-04	3.20E-03
AP	14	L10031-04	9/27/2005	Ru-103	-5.00E-04	6.00E-04	2.60E-03
AP	14	L10031-04	9/27/2005	Ru-106	1.80E-03	2.50E-03	9.20E-03
AP	14	L10031-04	9/27/2005	Sb-124	-5.50E-04	5.50E-04	4.10E-03
AP	14	L10031-04	9/27/2005	Zn-65	-2.00E-04	4.60E-04	2.20E-03
AP	14	L10031-04	9/27/2005	Zr-95	-9.00E-04	7.70E-04	3.60E-03
AP	21	L8706-05	1/18/2005	GROSS BETA	1.43E-02	9.20E-04	1.70E-03 *
AP	21	L8763-05	1/25/2005	GROSS BETA	2.40E-02	1.60E-03	2.80E-03 *
AP	21	L8831-05	2/9/2005	GROSS BETA	1.06E-02	9.80E-04	2.10E-03 *
AP	21	L8878-05	2/23/2005	GROSS BETA	9.10E-03	1.20E-03	3.20E-03 *

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m ³)	STD.DEV. (pCi/m ³)	MDC (pCi/m ³)	
AP	21	L8936-05	3/9/2005	GROSS BETA	8.41E-03	8.20E-04	2.00E-03	*
AP	21	L9007-05	3/22/2005	GROSS BETA	1.10E-02	9.20E-04	1.90E-03	*
AP	21	L9092-05	3/30/2005	AcTh-228	-2.50E-03	1.30E-03	6.30E-03	
AP	21	L9092-05	3/30/2005	Ag-110m	7.40E-04	5.30E-04	1.70E-03	
AP	21	L9092-05	3/30/2005	Ba-140	-3.90E-03	6.70E-03	3.60E-02	
AP	21	L9092-05	3/30/2005	Be-7	5.10E-02	1.20E-02	3.10E-02	*
AP	21	L9092-05	3/30/2005	Ce-141	-4.00E-04	1.50E-03	5.40E-03	
AP	21	L9092-05	3/30/2005	Ce-144	-7.00E-04	1.50E-03	5.80E-03	
AP	21	L9092-05	3/30/2005	Co-57	-1.40E-04	1.80E-04	7.20E-04	
AP	21	L9092-05	3/30/2005	Co-58	3.10E-04	5.60E-04	2.20E-03	
AP	21	L9092-05	3/30/2005	Co-60	-7.40E-04	4.90E-04	2.40E-03	
AP	21	L9092-05	3/30/2005	Cs-134	-6.00E-04	4.70E-04	2.10E-03	
AP	21	L9092-05	3/30/2005	Cs-137	2.00E-05	6.60E-04	2.40E-03	
AP	21	L9092-05	3/30/2005	Fe-59	6.00E-04	1.40E-03	5.90E-03	
AP	21	L9040-05	3/30/2005	GROSS BETA	1.02E-02	1.40E-03	3.90E-03	*
AP	21	L9092-05	3/30/2005	I-131	0.00E+00	2.90E-02	1.10E-01	
AP	21	L9092-05	3/30/2005	K-40	2.00E-04	7.20E-03	2.80E-02	
AP	21	L9092-05	3/30/2005	La-140	-4.50E-03	7.70E-03	4.10E-02	
AP	21	L9092-05	3/30/2005	Mn-54	-3.80E-04	3.40E-04	1.60E-03	
AP	21	L9092-05	3/30/2005	Nb-95	1.20E-03	1.10E-03	3.90E-03	
AP	21	L9092-05	3/30/2005	Ru-103	-6.70E-04	9.30E-04	3.90E-03	
AP	21	L9092-05	3/30/2005	Ru-106	-1.70E-03	2.50E-03	1.10E-02	
AP	21	L9092-05	3/30/2005	Sb-124	8.40E-04	8.40E-04	2.30E-03	
AP	21	L9092-05	3/30/2005	Zn-65	-3.10E-04	6.80E-04	3.30E-03	
AP	21	L9092-05	3/30/2005	Zr-95	-1.00E-03	1.40E-03	5.80E-03	
AP	21	L9118-05	4/12/2005	GROSS BETA	1.19E-02	1.00E-03	2.30E-03	*
AP	21	L9176-05	4/26/2005	GROSS BETA	1.83E-02	1.10E-03	2.20E-03	*
AP	21	L9257-05	5/11/2005	GROSS BETA	1.45E-02	9.70E-04	2.00E-03	*
AP	21	L9327-05	5/25/2005	GROSS BETA	1.38E-02	9.90E-04	2.00E-03	*
AP	21	L9404-05	6/7/2005	GROSS BETA	1.78E-02	1.10E-03	2.20E-03	*
AP	21	L9479-05	6/22/2005	GROSS BETA	1.72E-02	1.00E-03	2.10E-03	*
AP	21	L9564-05	6/27/2005	AcTh-228	7.00E-05	9.60E-04	3.90E-03	
AP	21	L9564-05	6/27/2005	Ag-110m	-4.10E-04	5.30E-04	2.30E-03	
AP	21	L9564-05	6/27/2005	Ba-140	-8.00E-03	8.00E-03	4.30E-02	
AP	21	L9564-05	6/27/2005	Be-7	7.10E-02	1.30E-02	3.20E-02	*
AP	21	L9564-05	6/27/2005	Ce-141	-1.40E-03	1.30E-03	5.20E-03	
AP	21	L9564-05	6/27/2005	Ce-144	4.00E-04	1.30E-03	4.80E-03	
AP	21	L9564-05	6/27/2005	Co-57	-1.20E-04	1.70E-04	6.50E-04	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	21	L9564-05	6/27/2005	Co-58	-7.70E-04	5.00E-04	2.40E-03
AP	21	L9564-05	6/27/2005	Co-60	2.00E-04	3.00E-04	1.20E-03
AP	21	L9564-05	6/27/2005	Cs-134	-1.00E-05	3.10E-04	1.30E-03
AP	21	L9564-05	6/27/2005	Cs-137	1.80E-04	2.30E-04	8.60E-04
AP	21	L9564-05	6/27/2005	Fe-59	-1.10E-03	1.30E-03	6.50E-03
AP	21	L9493-05	6/27/2005	GROSS BETA	3.48E-02	2.60E-03	4.90E-03 *
AP	21	L9564-05	6/27/2005	I-131	2.20E-02	3.40E-02	1.20E-01
AP	21	L9564-05	6/27/2005	K-40	2.10E-03	4.00E-03	1.50E-02
AP	21	L9564-05	6/27/2005	La-140	-9.20E-03	9.20E-03	5.00E-02
AP	21	L9564-05	6/27/2005	Mn-54	-2.00E-05	2.80E-04	1.20E-03
AP	21	L9564-05	6/27/2005	Nb-95	-4.00E-05	9.20E-04	3.90E-03
AP	21	L9564-05	6/27/2005	Ru-103	-2.00E-04	7.30E-04	3.00E-03
AP	21	L9564-05	6/27/2005	Ru-106	-2.30E-03	2.90E-03	1.20E-02
AP	21	L9564-05	6/27/2005	Sb-124	7.00E-04	1.20E-03	5.10E-03
AP	21	L9564-05	6/27/2005	Zn-65	0.00E+00	6.80E-04	2.90E-03
AP	21	L9564-05	6/27/2005	Zr-95	-8.60E-04	9.20E-04	4.20E-03
AP	21	L9578-05	7/12/2005	GROSS BETA	1.50E-02	9.60E-04	1.70E-03 *
AP	21	L9662-05	7/27/2005	GROSS BETA	2.25E-02	1.10E-03	1.60E-03 *
AP	21	L9732-05	8/10/2005	GROSS BETA	2.88E-02	1.30E-03	1.70E-03 *
AP	21	L9796-05	8/24/2005	GROSS BETA	2.45E-02	1.20E-03	1.70E-03 *
AP	21	L9843-05	9/7/2005	GROSS BETA	1.95E-02	1.10E-03	1.80E-03 *
AP	21	L9940-05	9/21/2005	GROSS BETA	3.31E-02	1.10E-03	1.50E-03 *
AP	21	L10031-05	9/26/2005	AcTh-228	-1.00E-03	1.10E-03	4.80E-03
AP	21	L10031-05	9/26/2005	Ag-110m	-2.70E-04	4.70E-04	2.00E-03
AP	21	L10031-05	9/26/2005	Ba-140	0.00E+00	4.20E-03	2.20E-02
AP	21	L10031-05	9/26/2005	Be-7	1.11E-01	1.30E-02	2.40E-02 *
AP	21	L10031-05	9/26/2005	Ce-141	-1.40E-03	1.30E-03	5.00E-03
AP	21	L10031-05	9/26/2005	Ce-144	8.00E-04	1.70E-03	6.10E-03
AP	21	L10031-05	9/26/2005	Co-57	1.40E-04	1.80E-04	6.20E-04
AP	21	L10031-05	9/26/2005	Co-58	2.40E-04	4.70E-04	1.80E-03
AP	21	L10031-05	9/26/2005	Co-60	3.40E-04	2.70E-04	9.10E-04
AP	21	L10031-05	9/26/2005	Cs-134	-2.50E-04	3.40E-04	1.50E-03
AP	21	L10031-05	9/26/2005	Cs-137	-2.10E-04	2.90E-04	1.20E-03
AP	21	L10031-05	9/26/2005	Fe-59	0.00E+00	1.90E-03	7.60E-03
AP	21	L9969-05	9/26/2005	GROSS BETA	3.48E-02	2.50E-03	4.80E-03 *
AP	21	L10031-05	9/26/2005	I-131	-4.20E-02	2.70E-02	1.10E-01
AP	21	L10031-05	9/26/2005	K-40	-8.00E-04	2.90E-03	1.30E-02
AP	21	L10031-05	9/26/2005	La-140	0.00E+00	4.90E-03	2.50E-02

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m ³)	STD.DEV. (pCi/m ³)	MDC (pCi/m ³)
AP	21	L10031-05	9/26/2005	Mn-54	-4.50E-04	2.40E-04	1.30E-03
AP	21	L10031-05	9/26/2005	Nb-95	-1.02E-03	9.70E-04	4.40E-03
AP	21	L10031-05	9/26/2005	Ru-103	4.30E-04	6.50E-04	2.40E-03
AP	21	L10031-05	9/26/2005	Ru-106	2.50E-03	2.00E-03	7.00E-03
AP	21	L10031-05	9/26/2005	Sb-124	-1.90E-03	1.90E-03	9.10E-03
AP	21	L10031-05	9/26/2005	Zn-65	-2.40E-04	6.30E-04	2.80E-03
AP	21	L10031-05	9/26/2005	Zr-95	-8.50E-04	7.90E-04	3.80E-03
AP	31	L8706-06	1/18/2005	GROSS BETA	2.31E-02	1.20E-03	1.90E-03 *
AP	31	L8763-06	1/25/2005	GROSS BETA	2.71E-02	1.80E-03	3.20E-03 *
AP	31	L8831-06	2/9/2005	GROSS BETA	1.65E-02	1.00E-03	1.70E-03 *
AP	31	L8878-06	2/23/2005	GROSS BETA	1.85E-02	1.10E-03	2.30E-03 *
AP	31	L8936-06	3/9/2005	GROSS BETA	1.95E-02	1.10E-03	2.10E-03 *
AP	31	L9007-06	3/22/2005	GROSS BETA	1.95E-02	1.20E-03	2.00E-03 *
AP	31	L9092-06	3/30/2005	AcTh-228	9.00E-04	1.20E-03	4.50E-03
AP	31	L9092-06	3/30/2005	Ag-110m	9.30E-04	6.30E-04	2.10E-03
AP	31	L9092-06	3/30/2005	Ba-140	-3.80E-03	8.40E-03	4.10E-02
AP	31	L9092-06	3/30/2005	Be-7	1.21E-01	1.30E-02	1.60E-02 *
AP	31	L9092-06	3/30/2005	Ce-141	1.00E-03	1.40E-03	4.80E-03
AP	31	L9092-06	3/30/2005	Ce-144	-5.00E-04	1.60E-03	5.90E-03
AP	31	L9092-06	3/30/2005	Co-57	2.00E-04	2.10E-04	7.10E-04
AP	31	L9092-06	3/30/2005	Co-58	5.10E-04	5.10E-04	1.80E-03
AP	31	L9092-06	3/30/2005	Co-60	4.20E-04	5.00E-04	1.80E-03
AP	31	L9092-06	3/30/2005	Cs-134	-9.00E-05	4.20E-04	1.70E-03
AP	31	L9092-06	3/30/2005	Cs-137	-2.20E-04	6.10E-04	2.30E-03
AP	31	L9092-06	3/30/2005	Fe-59	-6.00E-04	1.70E-03	7.50E-03
AP	31	L9040-06	3/30/2005	GROSS BETA	1.41E-02	1.60E-03	4.20E-03 *
AP	31	L9092-06	3/30/2005	I-131	6.00E-03	3.00E-02	1.10E-01
AP	31	L9092-06	3/30/2005	K-40	4.70E-03	5.00E-03	1.80E-02
AP	31	L9092-06	3/30/2005	La-140	-4.30E-03	9.70E-03	4.70E-02
AP	31	L9092-06	3/30/2005	Mn-54	-1.50E-04	3.70E-04	1.60E-03
AP	31	L9092-06	3/30/2005	Nb-95	0.00E+00	1.40E-03	5.40E-03
AP	31	L9092-06	3/30/2005	Ru-103	8.80E-04	8.80E-04	3.10E-03
AP	31	L9092-06	3/30/2005	Ru-106	-3.40E-03	3.60E-03	1.50E-02
AP	31	L9092-06	3/30/2005	Sb-124	-1.00E-03	1.50E-03	8.00E-03
AP	31	L9092-06	3/30/2005	Zn-65	6.00E-04	8.50E-04	3.20E-03
AP	31	L9092-06	3/30/2005	Zr-95	2.90E-03	1.30E-03	3.80E-03
AP	31	L9118-06	4/12/2005	GROSS BETA	1.79E-02	1.20E-03	2.50E-03 *
AP	31	L9176-06	4/26/2005	GROSS BETA	1.68E-02	1.20E-03	2.40E-03 *

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	31	L9257-06	5/11/2005	GROSS BETA	1.25E-02	9.70E-04	2.10E-03	*
AP	31	L9327-06	5/27/2005	GROSS BETA	1.38E-02	9.50E-04	1.90E-03	*
AP	31	L9404-06	6/7/2005	GROSS BETA	1.85E-02	1.30E-03	2.70E-03	*
AP	31	L9479-06	6/22/2005	GROSS BETA	1.80E-02	1.10E-03	2.20E-03	*
AP	31	L9564-06	6/27/2005	AcTh-228	1.04E-03	8.80E-04	3.00E-03	
AP	31	L9564-06	6/27/2005	Ag-110m	1.50E-04	3.30E-04	1.40E-03	
AP	31	L9564-06	6/27/2005	Ba-140	-1.31E-02	7.60E-03	4.70E-02	
AP	31	L9564-06	6/27/2005	Be-7	7.90E-02	1.30E-02	2.80E-02	*
AP	31	L9564-06	6/27/2005	Ce-141	1.00E-04	1.50E-03	5.40E-03	
AP	31	L9564-06	6/27/2005	Ce-144	1.30E-03	1.40E-03	5.00E-03	
AP	31	L9564-06	6/27/2005	Co-57	-1.40E-04	1.90E-04	7.40E-04	
AP	31	L9564-06	6/27/2005	Co-58	-3.80E-04	4.70E-04	2.20E-03	
AP	31	L9564-06	6/27/2005	Co-60	-1.40E-04	1.40E-04	9.90E-04	
AP	31	L9564-06	6/27/2005	Cs-134	-2.00E-05	3.10E-04	1.30E-03	
AP	31	L9564-06	6/27/2005	Cs-137	5.80E-04	3.30E-04	1.00E-03	
AP	31	L9564-06	6/27/2005	Fe-59	-1.20E-03	1.40E-03	7.10E-03	
AP	31	L9493-06	6/27/2005	GROSS BETA	3.36E-02	2.70E-03	5.50E-03	*
AP	31	L9564-06	6/27/2005	I-131	4.90E-02	3.60E-02	1.20E-01	
AP	31	L9564-06	6/27/2005	K-40	3.40E-03	4.10E-03	1.50E-02	
AP	31	L9564-06	6/27/2005	La-140	-1.51E-02	8.70E-03	5.40E-02	
AP	31	L9564-06	6/27/2005	Mn-54	7.00E-05	3.20E-04	1.30E-03	
AP	31	L9564-06	6/27/2005	Nb-95	-1.88E-03	9.60E-04	5.00E-03	
AP	31	L9564-06	6/27/2005	Ru-103	2.20E-04	8.40E-04	3.30E-03	
AP	31	L9564-06	6/27/2005	Ru-106	-1.00E-04	3.20E-03	1.20E-02	
AP	31	L9564-06	6/27/2005	Sb-124	-7.00E-04	2.00E-03	8.90E-03	
AP	31	L9564-06	6/27/2005	Zn-65	5.20E-04	5.20E-04	1.90E-03	
AP	31	L9564-06	6/27/2005	Zr-95	-1.29E-03	8.50E-04	4.30E-03	
AP	31	L9578-06	7/12/2005	GROSS BETA	1.67E-02	1.10E-03	1.90E-03	*
AP	31	L9662-06	7/27/2005	GROSS BETA	2.37E-02	1.20E-03	1.80E-03	*
AP	31	L9732-06	8/10/2005	GROSS BETA	2.83E-02	1.30E-03	1.80E-03	*
AP	31	L9796-06	8/24/2005	GROSS BETA	2.56E-02	1.30E-03	1.90E-03	*
AP	31	L9843-06	9/7/2005	GROSS BETA	1.92E-02	1.20E-03	2.10E-03	*
AP	31	L9940-06	9/21/2005	GROSS BETA	3.04E-02	9.90E-04	1.40E-03	*
AP	31	L10031-06	9/28/2005	AcTh-228	-2.00E-04	1.10E-03	4.60E-03	
AP	31	L10031-06	9/28/2005	Ag-110m	-2.90E-04	4.90E-04	2.10E-03	
AP	31	L10031-06	9/28/2005	Ba-140	-5.80E-03	8.30E-03	3.80E-02	
AP	31	L10031-06	9/28/2005	Be-7	1.22E-01	1.30E-02	2.00E-02	*
AP	31	L10031-06	9/28/2005	Ce-141	0.00E+00	1.40E-03	5.10E-03	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	31	L10031-06	9/28/2005	Ce-144	2.00E-04	1.50E-03	5.40E-03
AP	31	L10031-06	9/28/2005	Co-57	-4.00E-05	1.80E-04	6.80E-04
AP	31	L10031-06	9/28/2005	Co-58	8.00E-05	4.20E-04	1.80E-03
AP	31	L10031-06	9/28/2005	Co-60	2.30E-04	2.60E-04	9.70E-04
AP	31	L10031-06	9/28/2005	Cs-134	-1.20E-04	2.80E-04	1.30E-03
AP	31	L10031-06	9/28/2005	Cs-137	1.10E-04	3.10E-04	1.20E-03
AP	31	L10031-06	9/28/2005	Fe-59	-2.60E-03	1.60E-03	7.90E-03
AP	31	L9969-06	9/28/2005	GROSS BETA	2.85E-02	2.00E-03	3.80E-03 *
AP	31	L10031-06	9/28/2005	I-131	4.00E-03	1.80E-02	7.00E-02
AP	31	L10031-06	9/28/2005	K-40	-5.50E-03	2.90E-03	1.60E-02
AP	31	L10031-06	9/28/2005	La-140	-6.70E-03	9.50E-03	4.40E-02
AP	31	L10031-06	9/28/2005	Mn-54	0.00E+00	3.00E-04	1.20E-03
AP	31	L10031-06	9/28/2005	Nb-95	1.52E-03	9.10E-04	2.80E-03
AP	31	L10031-06	9/28/2005	Ru-103	1.40E-03	8.00E-04	2.50E-03
AP	31	L10031-06	9/28/2005	Ru-106	-6.00E-03	3.60E-03	1.60E-02
AP	31	L10031-06	9/28/2005	Sb-124	0.00E+00	0.00E+00	1.80E-03
AP	31	L10031-06	9/28/2005	Zn-65	-2.50E-04	7.50E-04	3.30E-03
AP	31	L10031-06	9/28/2005	Zr-95	1.25E-03	8.70E-04	2.90E-03

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

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AP-DAP	1	L8664-01	1/5/2005	AcTh-228	2.60E-03	4.40E-03	1.60E-02
AP-DAP	1	L8664-01	1/5/2005	Be-7	3.70E-02	1.40E-02	3.90E-02
AP-DAP	1	L8664-01	1/5/2005	Co-58	-2.30E-03	1.20E-03	6.00E-03
AP-DAP	1	L8664-01	1/5/2005	Co-60	-1.10E-03	7.80E-04	4.80E-03
AP-DAP	1	L8664-01	1/5/2005	Cs-134	2.00E-04	1.10E-03	4.60E-03
AP-DAP	1	L8664-01	1/5/2005	Cs-137	-6.00E-04	1.50E-03	6.00E-03
AP-DAP	1	L8664-01	1/5/2005	K-40	3.00E-02	2.00E-02	6.70E-02
AP-DAP	1	L8708-01	1/17/2005	AcTh-228	2.00E-04	4.50E-03	1.90E-02
AP-DAP	1	L8708-01	1/17/2005	Be-7	1.01E-01	2.30E-02	6.00E-02 *
AP-DAP	1	L8708-01	1/17/2005	Co-58	1.60E-03	1.60E-03	5.50E-03
AP-DAP	1	L8708-01	1/17/2005	Co-60	-2.00E-04	1.60E-03	6.90E-03
AP-DAP	1	L8708-01	1/17/2005	Cs-134	-1.00E-03	1.40E-03	6.30E-03
AP-DAP	1	L8708-01	1/17/2005	Cs-137	1.30E-03	1.00E-03	3.60E-03
AP-DAP	1	L8708-01	1/17/2005	K-40	-1.80E-02	1.70E-02	8.20E-02
AP-DAP	1	L8833-01	1/26/2005	AcTh-228	-3.50E-03	7.40E-03	3.10E-02
AP-DAP	1	L8833-01	1/26/2005	Be-7	7.40E-02	2.30E-02	6.30E-02 *
AP-DAP	1	L8833-01	1/26/2005	Co-58	-3.00E-04	1.50E-03	6.70E-03
AP-DAP	1	L8833-01	1/26/2005	Co-60	1.20E-03	2.60E-03	1.00E-02
AP-DAP	1	L8833-01	1/26/2005	Cs-134	2.50E-03	2.10E-03	7.20E-03
AP-DAP	1	L8833-01	1/26/2005	Cs-137	-1.90E-03	1.70E-03	7.50E-03
AP-DAP	1	L8833-01	1/26/2005	K-40	-6.00E-03	2.70E-02	1.10E-01
AP-DAP	1	L8834-01	2/7/2005	AcTh-228	6.00E-04	4.30E-03	1.80E-02
AP-DAP	1	L8834-01	2/7/2005	Be-7	9.20E-02	2.00E-02	5.00E-02 *
AP-DAP	1	L8834-01	2/7/2005	Co-58	1.20E-03	1.30E-03	4.60E-03
AP-DAP	1	L8834-01	2/7/2005	Co-60	3.90E-03	1.60E-03	1.80E-03
AP-DAP	1	L8834-01	2/7/2005	Cs-134	7.00E-04	1.40E-03	5.30E-03
AP-DAP	1	L8834-01	2/7/2005	Cs-137	1.50E-03	1.40E-03	4.90E-03
AP-DAP	1	L8834-01	2/7/2005	K-40	1.90E-02	1.90E-02	6.80E-02
AP-DAP	1	L8879-01	2/22/2005	AcTh-228	-2.10E-03	3.50E-03	1.60E-02
AP-DAP	1	L8879-01	2/22/2005	Be-7	3.50E-02	1.20E-02	3.50E-02
AP-DAP	1	L8879-01	2/22/2005	Co-58	1.39E-03	9.20E-04	2.90E-03
AP-DAP	1	L8879-01	2/22/2005	Co-60	1.00E-03	1.10E-03	4.20E-03
AP-DAP	1	L8879-01	2/22/2005	Cs-134	2.00E-04	1.00E-03	4.30E-03
AP-DAP	1	L8879-01	2/22/2005	Cs-137	-3.00E-04	9.00E-04	4.00E-03
AP-DAP	1	L8879-01	2/22/2005	K-40	-1.19E-02	9.30E-03	5.50E-02
AP-DAP	1	L8937-01	3/7/2005	AcTh-228	-1.80E-03	5.10E-03	2.10E-02
AP-DAP	1	L8937-01	3/7/2005	Be-7	1.44E-01	2.00E-02	3.30E-02 *
AP-DAP	1	L8937-01	3/7/2005	Co-58	3.00E-04	1.20E-03	4.90E-03

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AP-DAP	1	L8937-01	3/7/2005	Co-60	1.10E-03	1.20E-03	4.40E-03
AP-DAP	1	L8937-01	3/7/2005	Cs-134	-2.00E-04	1.50E-03	6.00E-03
AP-DAP	1	L8937-01	3/7/2005	Cs-137	4.00E-04	1.10E-03	4.40E-03
AP-DAP	1	L8937-01	3/7/2005	K-40	3.00E-03	1.70E-02	7.10E-02
AP-DAP	1	L9044-01	3/23/2005	AcTh-228	3.50E-03	3.80E-03	1.40E-02
AP-DAP	1	L9044-01	3/23/2005	Be-7	1.12E-01	1.80E-02	3.70E-02 *
AP-DAP	1	L9044-01	3/23/2005	Co-58	-1.90E-04	9.90E-04	4.40E-03
AP-DAP	1	L9044-01	3/23/2005	Co-60	-6.00E-05	7.60E-04	3.90E-03
AP-DAP	1	L9044-01	3/23/2005	Cs-134	-6.00E-04	1.20E-03	5.10E-03
AP-DAP	1	L9044-01	3/23/2005	Cs-137	2.90E-04	7.60E-04	3.10E-03
AP-DAP	1	L9044-01	3/23/2005	K-40	-8.00E-03	1.70E-02	7.20E-02
AP-DAP	1	L9065-01	3/31/2005	AcTh-228	0.00E+00	7.10E-03	3.00E-02
AP-DAP	1	L9065-01	3/31/2005	Be-7	9.70E-02	3.30E-02	9.50E-02
AP-DAP	1	L9065-01	3/31/2005	Co-58	-2.80E-03	1.90E-03	1.00E-02
AP-DAP	1	L9065-01	3/31/2005	Co-60	-1.00E-04	1.50E-03	8.00E-03
AP-DAP	1	L9065-01	3/31/2005	Cs-134	-2.70E-03	2.10E-03	1.00E-02
AP-DAP	1	L9065-01	3/31/2005	Cs-137	-1.20E-03	1.40E-03	7.00E-03
AP-DAP	1	L9065-01	3/31/2005	K-40	-8.00E-03	2.50E-02	1.20E-01
AP-DAP	1	L9119-01	4/12/2005	AcTh-228	-2.80E-03	5.80E-03	2.50E-02
AP-DAP	1	L9119-01	4/12/2005	Be-7	4.50E-02	1.80E-02	5.30E-02
AP-DAP	1	L9119-01	4/12/2005	Co-58	-2.10E-03	1.90E-03	8.40E-03
AP-DAP	1	L9119-01	4/12/2005	Co-60	-1.00E-04	1.10E-03	5.50E-03
AP-DAP	1	L9119-01	4/12/2005	Cs-134	-8.00E-04	1.40E-03	6.40E-03
AP-DAP	1	L9119-01	4/12/2005	Cs-137	1.20E-03	1.20E-03	4.30E-03
AP-DAP	1	L9119-01	4/12/2005	K-40	-2.80E-02	1.20E-02	8.10E-02
AP-DAP	1	L9243-01	5/3/2005	AcTh-228	2.00E-03	2.80E-03	1.10E-02
AP-DAP	1	L9243-01	5/3/2005	Be-7	1.09E-01	1.70E-02	3.70E-02 *
AP-DAP	1	L9243-01	5/3/2005	Co-58	2.00E-04	9.30E-04	3.80E-03
AP-DAP	1	L9243-01	5/3/2005	Co-60	1.60E-03	1.40E-03	4.90E-03
AP-DAP	1	L9243-01	5/3/2005	Cs-134	-8.00E-05	9.50E-04	4.00E-03
AP-DAP	1	L9243-01	5/3/2005	Cs-137	-2.50E-04	9.50E-04	3.90E-03
AP-DAP	1	L9243-01	5/3/2005	K-40	1.30E-02	1.50E-02	5.50E-02
AP-DAP	1	L9258-01	5/6/2005	AcTh-228	-1.80E-02	1.00E-02	6.50E-02
AP-DAP	1	L9258-01	5/6/2005	Be-7	3.00E-02	4.30E-02	1.60E-01
AP-DAP	1	L9258-01	5/6/2005	Co-58	6.30E-03	5.10E-03	1.70E-02
AP-DAP	1	L9258-01	5/6/2005	Co-60	-3.00E-04	3.90E-03	2.00E-02
AP-DAP	1	L9258-01	5/6/2005	Cs-134	6.50E-03	5.20E-03	1.80E-02
AP-DAP	1	L9258-01	5/6/2005	Cs-137	2.90E-03	3.60E-03	1.40E-02

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AP-DAP	1	L9258-01	5/6/2005	K-40	1.30E-01	7.50E-02	2.30E-01
AP-DAP	1	L9405-01	6/2/2005	AcTh-228	2.80E-03	2.90E-03	1.00E-02
AP-DAP	1	L9405-01	6/2/2005	Be-7	5.00E-02	1.30E-02	3.40E-02 *
AP-DAP	1	L9405-01	6/2/2005	Co-58	1.90E-04	8.00E-04	3.20E-03
AP-DAP	1	L9405-01	6/2/2005	Co-60	-4.70E-04	8.90E-04	4.00E-03
AP-DAP	1	L9405-01	6/2/2005	Cs-134	-4.20E-04	8.10E-04	3.40E-03
AP-DAP	1	L9405-01	6/2/2005	Cs-137	0.00E+00	7.20E-04	2.90E-03
AP-DAP	1	L9405-01	6/2/2005	K-40	-1.30E-03	9.80E-03	4.20E-02
AP-DAP	1	L9480-01	6/22/2005	AcTh-228	1.20E-03	4.20E-03	1.70E-02
AP-DAP	1	L9480-01	6/22/2005	Be-7	6.10E-02	1.80E-02	5.10E-02 *
AP-DAP	1	L9480-01	6/22/2005	Co-58	3.80E-03	1.40E-03	3.40E-03
AP-DAP	1	L9480-01	6/22/2005	Co-60	1.90E-03	1.40E-03	4.80E-03
AP-DAP	1	L9480-01	6/22/2005	Cs-134	-1.30E-03	1.50E-03	6.60E-03
AP-DAP	1	L9480-01	6/22/2005	Cs-137	-1.70E-04	8.00E-04	3.60E-03
AP-DAP	1	L9480-01	6/22/2005	K-40	-6.00E-03	1.20E-02	6.10E-02
AP-DAP	1	L9531-01	7/6/2005	AcTh-228	2.90E-03	5.00E-03	1.80E-02
AP-DAP	1	L9531-01	7/6/2005	Be-7	1.21E-01	2.00E-02	5.20E-02 *
AP-DAP	1	L9531-01	7/6/2005	Co-58	-2.10E-03	1.20E-03	5.40E-03
AP-DAP	1	L9531-01	7/6/2005	Co-60	-2.60E-03	1.70E-03	7.20E-03
AP-DAP	1	L9531-01	7/6/2005	Cs-134	-2.30E-03	1.50E-03	6.20E-03
AP-DAP	1	L9531-01	7/6/2005	Cs-137	-1.40E-03	1.50E-03	5.90E-03
AP-DAP	1	L9531-01	7/6/2005	K-40	-4.00E-02	1.90E-02	8.20E-02
AP-DAP	1	L9733-01	7/27/2005	AcTh-228	-8.00E-04	1.60E-03	8.50E-03
AP-DAP	1	L9733-01	7/27/2005	Be-7	1.12E-01	1.60E-02	3.00E-02 *
AP-DAP	1	L9733-01	7/27/2005	Co-58	7.80E-04	9.90E-04	3.70E-03
AP-DAP	1	L9733-01	7/27/2005	Co-60	-7.00E-04	1.30E-03	5.40E-03
AP-DAP	1	L9733-01	7/27/2005	Cs-134	9.50E-04	9.10E-04	3.20E-03
AP-DAP	1	L9733-01	7/27/2005	Cs-137	-4.40E-04	7.60E-04	3.30E-03
AP-DAP	1	L9733-01	7/27/2005	K-40	2.10E-02	1.30E-02	3.90E-02
AP-DAP	1	L9734-01	8/10/2005	AcTh-228	6.30E-03	4.80E-03	1.60E-02
AP-DAP	1	L9734-01	8/10/2005	Be-7	1.07E-01	1.80E-02	3.30E-02 *
AP-DAP	1	L9734-01	8/10/2005	Co-58	1.50E-03	1.00E-03	3.20E-03
AP-DAP	1	L9734-01	8/10/2005	Co-60	0.00E+00	1.60E-03	6.70E-03
AP-DAP	1	L9734-01	8/10/2005	Cs-134	1.80E-03	1.40E-03	4.80E-03
AP-DAP	1	L9734-01	8/10/2005	Cs-137	-2.70E-03	1.20E-03	5.80E-03
AP-DAP	1	L9734-01	8/10/2005	K-40	5.10E-02	2.30E-02	6.60E-02
AP-DAP	1	L9844-01	9/7/2005	AcTh-228	1.00E-04	2.70E-03	1.10E-02
AP-DAP	1	L9844-01	9/7/2005	Be-7	4.80E-02	1.10E-02	2.60E-02 *

* 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)
AP-DAP	1	L9844-01	9/7/2005	Co-58	-4.20E-04	7.30E-04	3.30E-03
AP-DAP	1	L9844-01	9/7/2005	Co-60	2.90E-04	8.60E-04	3.40E-03
AP-DAP	1	L9844-01	9/7/2005	Cs-134	-1.13E-03	7.20E-04	3.50E-03
AP-DAP	1	L9844-01	9/7/2005	Cs-137	1.80E-04	4.10E-04	1.70E-03
AP-DAP	1	L9844-01	9/7/2005	K-40	-1.06E-02	4.60E-03	3.40E-02
AP-DAP	1	L10072-01	10/11/2005	AcTh-228	5.00E-04	2.30E-03	9.40E-03
AP-DAP	1	L10072-01	10/11/2005	Be-7	1.13E-01	1.50E-02	2.50E-02 *
AP-DAP	1	L10072-01	10/11/2005	Co-58	-1.80E-04	5.90E-04	2.90E-03
AP-DAP	1	L10072-01	10/11/2005	Co-60	1.50E-04	9.60E-04	3.90E-03
AP-DAP	1	L10072-01	10/11/2005	Cs-134	7.90E-04	9.20E-04	3.30E-03
AP-DAP	1	L10072-01	10/11/2005	Cs-137	-4.00E-04	7.30E-04	3.10E-03
AP-DAP	1	L10072-01	10/11/2005	K-40	7.80E-03	8.60E-03	3.20E-02
AP-DAP	2	L8664-02	1/5/2005	AcTh-228	-5.20E-03	2.20E-03	1.30E-02
AP-DAP	2	L8664-02	1/5/2005	Be-7	1.86E-02	8.30E-03	2.40E-02
AP-DAP	2	L8664-02	1/5/2005	Co-58	-5.20E-04	9.00E-04	4.10E-03
AP-DAP	2	L8664-02	1/5/2005	Co-60	3.50E-04	7.30E-04	3.10E-03
AP-DAP	2	L8664-02	1/5/2005	Cs-134	1.40E-04	7.90E-04	3.30E-03
AP-DAP	2	L8664-02	1/5/2005	Cs-137	0.00E+00	7.80E-04	3.20E-03
AP-DAP	2	L8664-02	1/5/2005	K-40	-9.00E-04	9.10E-03	4.20E-02
AP-DAP	2	L8708-02	1/17/2005	AcTh-228	-3.80E-03	3.50E-03	1.70E-02
AP-DAP	2	L8708-02	1/17/2005	Be-7	4.50E-02	1.40E-02	3.90E-02 *
AP-DAP	2	L8708-02	1/17/2005	Co-58	-4.80E-04	6.90E-04	3.60E-03
AP-DAP	2	L8708-02	1/17/2005	Co-60	-6.00E-05	7.50E-04	3.90E-03
AP-DAP	2	L8708-02	1/17/2005	Cs-134	-3.00E-04	1.30E-03	5.30E-03
AP-DAP	2	L8708-02	1/17/2005	Cs-137	0.00E+00	9.60E-04	3.90E-03
AP-DAP	2	L8708-02	1/17/2005	K-40	4.00E-03	1.20E-02	5.20E-02
AP-DAP	2	L8833-02	1/26/2005	AcTh-228	2.40E-03	5.00E-03	1.90E-02
AP-DAP	2	L8833-02	1/26/2005	Be-7	4.70E-02	1.70E-02	5.10E-02
AP-DAP	2	L8833-02	1/26/2005	Co-58	-2.00E-04	1.10E-03	5.00E-03
AP-DAP	2	L8833-02	1/26/2005	Co-60	-1.50E-03	1.00E-03	6.50E-03
AP-DAP	2	L8833-02	1/26/2005	Cs-134	1.70E-03	1.30E-03	4.60E-03
AP-DAP	2	L8833-02	1/26/2005	Cs-137	-4.00E-04	1.20E-03	5.10E-03
AP-DAP	2	L8833-02	1/26/2005	K-40	-8.80E-03	9.70E-03	5.90E-02
AP-DAP	2	L8834-02	2/7/2005	AcTh-228	-3.00E-04	1.80E-03	9.30E-03
AP-DAP	2	L8834-02	2/7/2005	Be-7	7.60E-02	1.70E-02	4.50E-02 *
AP-DAP	2	L8834-02	2/7/2005	Co-58	4.70E-04	8.50E-04	3.40E-03
AP-DAP	2	L8834-02	2/7/2005	Co-60	-6.20E-04	9.30E-04	4.90E-03
AP-DAP	2	L8834-02	2/7/2005	Cs-134	4.70E-04	8.60E-04	3.40E-03

* 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)
AP-DAP	2	L8834-02	2/7/2005	Cs-137	-1.30E-03	1.30E-03	5.40E-03
AP-DAP	2	L8834-02	2/7/2005	K-40	1.40E-02	1.40E-02	5.10E-02
AP-DAP	2	L8879-02	2/22/2005	AcTh-228	1.00E-04	3.30E-03	1.40E-02
AP-DAP	2	L8879-02	2/22/2005	Be-7	5.10E-02	1.20E-02	2.90E-02 *
AP-DAP	2	L8879-02	2/22/2005	Co-58	-4.40E-04	4.90E-04	2.70E-03
AP-DAP	2	L8879-02	2/22/2005	Co-60	-5.00E-04	1.10E-03	5.10E-03
AP-DAP	2	L8879-02	2/22/2005	Cs-134	1.44E-03	8.00E-04	2.40E-03
AP-DAP	2	L8879-02	2/22/2005	Cs-137	7.50E-04	8.20E-04	3.00E-03
AP-DAP	2	L8879-02	2/22/2005	K-40	2.20E-02	1.50E-02	4.90E-02
AP-DAP	2	L8937-02	3/7/2005	AcTh-228	1.20E-03	5.00E-03	1.90E-02
AP-DAP	2	L8937-02	3/7/2005	Be-7	6.20E-02	1.40E-02	3.60E-02 *
AP-DAP	2	L8937-02	3/7/2005	Co-58	-4.80E-04	7.30E-04	3.60E-03
AP-DAP	2	L8937-02	3/7/2005	Co-60	-1.48E-03	9.30E-04	5.40E-03
AP-DAP	2	L8937-02	3/7/2005	Cs-134	-1.60E-03	1.00E-03	5.00E-03
AP-DAP	2	L8937-02	3/7/2005	Cs-137	3.50E-04	9.00E-04	3.50E-03
AP-DAP	2	L8937-02	3/7/2005	K-40	-4.00E-03	1.10E-02	5.30E-02
AP-DAP	2	L9044-02	3/23/2005	AcTh-228	-2.00E-04	2.50E-03	1.10E-02
AP-DAP	2	L9044-02	3/23/2005	Be-7	5.30E-02	1.30E-02	3.60E-02 *
AP-DAP	2	L9044-02	3/23/2005	Co-58	2.40E-04	7.30E-04	2.90E-03
AP-DAP	2	L9044-02	3/23/2005	Co-60	-7.00E-04	7.70E-04	3.80E-03
AP-DAP	2	L9044-02	3/23/2005	Cs-134	-4.60E-04	8.60E-04	3.70E-03
AP-DAP	2	L9044-02	3/23/2005	Cs-137	-7.30E-04	6.10E-04	2.90E-03
AP-DAP	2	L9044-02	3/23/2005	K-40	-1.30E-02	1.10E-02	4.90E-02
AP-DAP	2	L9065-02	3/31/2005	AcTh-228	-1.55E-02	5.90E-03	3.10E-02
AP-DAP	2	L9065-02	3/31/2005	Be-7	4.00E-02	1.60E-02	4.80E-02
AP-DAP	2	L9065-02	3/31/2005	Co-58	-4.00E-04	1.20E-03	5.70E-03
AP-DAP	2	L9065-02	3/31/2005	Co-60	1.50E-03	1.10E-03	2.10E-03
AP-DAP	2	L9065-02	3/31/2005	Cs-134	-1.20E-03	1.50E-03	7.00E-03
AP-DAP	2	L9065-02	3/31/2005	Cs-137	-1.30E-03	1.50E-03	6.80E-03
AP-DAP	2	L9065-02	3/31/2005	K-40	-1.30E-02	1.40E-02	7.80E-02
AP-DAP	2	L9119-02	4/12/2005	AcTh-228	-2.80E-03	2.20E-03	9.70E-03
AP-DAP	2	L9119-02	4/12/2005	Be-7	4.70E-02	8.80E-03	2.30E-02 *
AP-DAP	2	L9119-02	4/12/2005	Co-58	0.00E+00	7.80E-04	2.90E-03
AP-DAP	2	L9119-02	4/12/2005	Co-60	1.06E-02	1.30E-03	3.80E-03 *
AP-DAP	2	L9119-02	4/12/2005	Cs-134	1.07E-03	7.90E-04	2.60E-03
AP-DAP	2	L9119-02	4/12/2005	Cs-137	-5.40E-04	6.30E-04	2.50E-03
AP-DAP	2	L9119-02	4/12/2005	K-40	-2.40E-02	1.10E-02	4.90E-02
AP-DAP	2	L9243-02	4/29/2005	AcTh-228	-4.00E-04	2.80E-03	1.20E-02

* 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)	
AP-DAP	2	L9243-02	4/29/2005	Be-7	3.40E-02	1.10E-02	3.00E-02	*
AP-DAP	2	L9243-02	4/29/2005	Co-58	1.30E-04	7.50E-04	3.10E-03	
AP-DAP	2	L9243-02	4/29/2005	Co-60	-6.00E-04	1.00E-03	4.80E-03	
AP-DAP	2	L9243-02	4/29/2005	Cs-134	-1.30E-04	6.80E-04	3.00E-03	
AP-DAP	2	L9243-02	4/29/2005	Cs-137	-2.10E-04	6.90E-04	2.90E-03	
AP-DAP	2	L9243-02	4/29/2005	K-40	-3.70E-03	7.50E-03	3.80E-02	
AP-DAP	2	L9258-02	5/6/2005	AcTh-228	1.00E-03	5.90E-03	2.50E-02	
AP-DAP	2	L9258-02	5/6/2005	Be-7	4.20E-02	2.00E-02	6.20E-02	
AP-DAP	2	L9258-02	5/6/2005	Co-58	8.00E-05	8.20E-04	4.20E-03	
AP-DAP	2	L9258-02	5/6/2005	Co-60	-1.00E-04	1.40E-03	7.00E-03	
AP-DAP	2	L9258-02	5/6/2005	Cs-134	2.00E-04	1.20E-03	5.40E-03	
AP-DAP	2	L9258-02	5/6/2005	Cs-137	1.00E-04	1.80E-03	7.40E-03	
AP-DAP	2	L9258-02	5/6/2005	K-40	-1.30E-02	2.70E-02	1.20E-01	
AP-DAP	2	L9405-02	6/2/2005	AcTh-228	1.60E-03	2.90E-03	1.10E-02	
AP-DAP	2	L9405-02	6/2/2005	Be-7	2.95E-02	9.70E-03	2.70E-02	*
AP-DAP	2	L9405-02	6/2/2005	Co-58	-1.00E-04	7.40E-04	3.20E-03	
AP-DAP	2	L9405-02	6/2/2005	Co-60	-9.00E-05	7.40E-04	3.40E-03	
AP-DAP	2	L9405-02	6/2/2005	Cs-134	3.60E-04	6.80E-04	2.70E-03	
AP-DAP	2	L9405-02	6/2/2005	Cs-137	-2.60E-04	8.50E-04	3.40E-03	
AP-DAP	2	L9405-02	6/2/2005	K-40	1.30E-02	1.10E-02	3.60E-02	
AP-DAP	2	L9480-02	6/22/2005	AcTh-228	8.00E-04	2.70E-03	1.10E-02	
AP-DAP	2	L9480-02	6/22/2005	Be-7	3.20E-02	1.10E-02	3.20E-02	
AP-DAP	2	L9480-02	6/22/2005	Co-58	2.30E-04	9.00E-04	3.50E-03	
AP-DAP	2	L9480-02	6/22/2005	Co-60	1.50E-03	1.10E-03	3.60E-03	
AP-DAP	2	L9480-02	6/22/2005	Cs-134	-4.40E-04	7.50E-04	3.30E-03	
AP-DAP	2	L9480-02	6/22/2005	Cs-137	1.80E-04	7.30E-04	2.80E-03	
AP-DAP	2	L9480-02	6/22/2005	K-40	-5.20E-03	8.00E-03	3.80E-02	
AP-DAP	2	L9531-02	7/6/2005	AcTh-228	-3.40E-03	5.50E-03	2.20E-02	
AP-DAP	2	L9531-02	7/6/2005	Be-7	1.05E-01	2.00E-02	5.50E-02	*
AP-DAP	2	L9531-02	7/6/2005	Co-58	1.90E-03	1.60E-03	5.30E-03	
AP-DAP	2	L9531-02	7/6/2005	Co-60	4.00E-04	1.40E-03	5.40E-03	
AP-DAP	2	L9531-02	7/6/2005	Cs-134	-5.00E-04	1.40E-03	5.50E-03	
AP-DAP	2	L9531-02	7/6/2005	Cs-137	1.30E-03	1.40E-03	5.00E-03	
AP-DAP	2	L9531-02	7/6/2005	K-40	-8.30E-02	2.00E-02	9.80E-02	
AP-DAP	2	L9733-02	7/27/2005	AcTh-228	-4.50E-03	2.50E-03	1.40E-02	
AP-DAP	2	L9733-02	7/27/2005	Be-7	7.00E-02	1.40E-02	3.20E-02	*
AP-DAP	2	L9733-02	7/27/2005	Co-58	-1.06E-03	9.80E-04	4.70E-03	
AP-DAP	2	L9733-02	7/27/2005	Co-60	6.50E-04	9.50E-04	3.70E-03	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AP-DAP	2	L9733-02	7/27/2005	Cs-134	-1.03E-03	5.20E-04	3.30E-03
AP-DAP	2	L9733-02	7/27/2005	Cs-137	-7.10E-04	8.30E-04	3.70E-03
AP-DAP	2	L9733-02	7/27/2005	K-40	-6.00E-03	1.20E-02	5.40E-02
AP-DAP	2	L9734-02	8/10/2005	AcTh-228	1.33E-02	6.60E-03	2.00E-02
AP-DAP	2	L9734-02	8/10/2005	Be-7	8.00E-02	2.20E-02	5.90E-02 *
AP-DAP	2	L9734-02	8/10/2005	Co-58	3.00E-04	1.50E-03	6.00E-03
AP-DAP	2	L9734-02	8/10/2005	Co-60	1.10E-03	1.60E-03	6.30E-03
AP-DAP	2	L9734-02	8/10/2005	Cs-134	1.40E-03	1.80E-03	6.60E-03
AP-DAP	2	L9734-02	8/10/2005	Cs-137	-7.00E-04	1.20E-03	5.40E-03
AP-DAP	2	L9734-02	8/10/2005	K-40	-3.20E-02	1.60E-02	9.30E-02
AP-DAP	2	L9844-02	9/7/2005	AcTh-228	-1.20E-03	4.30E-03	1.90E-02
AP-DAP	2	L9844-02	9/7/2005	Be-7	1.47E-01	2.50E-02	4.90E-02 *
AP-DAP	2	L9844-02	9/7/2005	Co-58	-3.00E-04	1.10E-03	5.20E-03
AP-DAP	2	L9844-02	9/7/2005	Co-60	-9.00E-04	1.70E-03	7.50E-03
AP-DAP	2	L9844-02	9/7/2005	Cs-134	-3.00E-04	1.40E-03	6.20E-03
AP-DAP	2	L9844-02	9/7/2005	Cs-137	-1.90E-03	1.20E-03	5.80E-03
AP-DAP	2	L9844-02	9/7/2005	K-40	1.00E-02	1.80E-02	7.10E-02
AP-DAP	2	L10072-02	10/11/2005	AcTh-228	-1.10E-03	1.90E-03	8.40E-03
AP-DAP	2	L10072-02	10/11/2005	Be-7	4.24E-02	8.50E-03	1.90E-02 *
AP-DAP	2	L10072-02	10/11/2005	Co-58	-1.18E-03	6.50E-04	3.20E-03
AP-DAP	2	L10072-02	10/11/2005	Co-60	2.10E-04	3.60E-04	1.50E-03
AP-DAP	2	L10072-02	10/11/2005	Cs-134	3.00E-05	5.90E-04	2.40E-03
AP-DAP	2	L10072-02	10/11/2005	Cs-137	0.00E+00	4.60E-04	1.90E-03
AP-DAP	2	L10072-02	10/11/2005	K-40	7.20E-03	7.60E-03	2.70E-02
AP-DAP	2	L10217-01	10/27/2005	AcTh-228	2.80E-03	4.30E-03	1.60E-02
AP-DAP	2	L10217-01	10/27/2005	Be-7	3.30E-02	1.80E-02	5.90E-02
AP-DAP	2	L10217-01	10/27/2005	Co-58	8.00E-04	1.60E-03	6.10E-03
AP-DAP	2	L10217-01	10/27/2005	Co-60	5.00E-04	1.40E-03	5.50E-03
AP-DAP	2	L10217-01	10/27/2005	Cs-134	2.40E-03	1.20E-03	3.30E-03
AP-DAP	2	L10217-01	10/27/2005	Cs-137	6.60E-04	9.30E-04	3.50E-03
AP-DAP	2	L10217-01	10/27/2005	K-40	3.70E-02	2.00E-02	6.00E-02
AP-DAP	2	L10221-01	11/23/2005	AcTh-228	4.90E-03	5.10E-03	1.90E-02
AP-DAP	2	L10221-01	11/23/2005	Be-7	1.67E-01	2.80E-02	6.40E-02 *
AP-DAP	2	L10221-01	11/23/2005	Co-58	3.00E-04	1.40E-03	5.70E-03
AP-DAP	2	L10221-01	11/23/2005	Co-60	-2.20E-03	1.50E-03	7.90E-03
AP-DAP	2	L10221-01	11/23/2005	Cs-134	2.00E-04	1.30E-03	5.40E-03
AP-DAP	2	L10221-01	11/23/2005	Cs-137	1.70E-03	1.50E-03	5.20E-03
AP-DAP	2	L10221-01	11/23/2005	K-40	2.00E-03	1.60E-02	7.10E-02

* 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)
AP-DAP	2	L10263-02	12/7/2005	AcTh-228	4.00E-03	1.00E-02	3.80E-02
AP-DAP	2	L10263-02	12/7/2005	Be-7	1.08E-01	2.70E-02	7.20E-02 *
AP-DAP	2	L10263-02	12/7/2005	Co-58	2.10E-03	1.80E-03	6.20E-03
AP-DAP	2	L10263-02	12/7/2005	Co-60	-3.30E-03	2.30E-03	1.10E-02
AP-DAP	2	L10263-02	12/7/2005	Cs-134	-2.20E-03	2.40E-03	1.00E-02
AP-DAP	2	L10263-02	12/7/2005	Cs-137	1.80E-03	2.60E-03	9.30E-03
AP-DAP	2	L10263-02	12/7/2005	K-40	2.60E-02	3.70E-02	1.40E-01
AP-DAP	2	L10347-02	12/29/2005	AcTh-228	1.50E-03	6.00E-03	2.50E-02
AP-DAP	2	L10347-02	12/29/2005	Be-7	1.46E-01	2.90E-02	6.50E-02 *
AP-DAP	2	L10347-02	12/29/2005	Co-58	1.10E-03	1.70E-03	6.40E-03
AP-DAP	2	L10347-02	12/29/2005	Co-60	-2.40E-03	1.80E-03	9.60E-03
AP-DAP	2	L10347-02	12/29/2005	Cs-134	-1.70E-03	1.70E-03	8.30E-03
AP-DAP	2	L10347-02	12/29/2005	Cs-137	5.00E-04	1.80E-03	7.20E-03
AP-DAP	2	L10347-02	12/29/2005	K-40	3.30E-02	2.50E-02	8.40E-02
AP-DAP	3	L8664-03	1/5/2005	AcTh-228	-1.40E-03	3.70E-03	1.60E-02
AP-DAP	3	L8664-03	1/5/2005	Be-7	2.80E-02	1.00E-02	2.90E-02
AP-DAP	3	L8664-03	1/5/2005	Co-58	-1.40E-03	1.10E-03	5.30E-03
AP-DAP	3	L8664-03	1/5/2005	Co-60	-2.00E-04	1.40E-03	6.00E-03
AP-DAP	3	L8664-03	1/5/2005	Cs-134	1.20E-04	7.50E-04	3.20E-03
AP-DAP	3	L8664-03	1/5/2005	Cs-137	-1.80E-04	8.10E-04	3.50E-03
AP-DAP	3	L8664-03	1/5/2005	K-40	1.80E-02	1.30E-02	4.20E-02
AP-DAP	3	L8708-03	1/17/2005	AcTh-228	2.40E-03	5.30E-03	2.00E-02
AP-DAP	3	L8708-03	1/17/2005	Be-7	9.40E-02	1.90E-02	4.20E-02 *
AP-DAP	3	L8708-03	1/17/2005	Co-58	6.00E-04	1.10E-03	4.20E-03
AP-DAP	3	L8708-03	1/17/2005	Co-60	-3.00E-04	1.70E-03	7.50E-03
AP-DAP	3	L8708-03	1/17/2005	Cs-134	-9.00E-04	1.20E-03	5.60E-03
AP-DAP	3	L8708-03	1/17/2005	Cs-137	1.80E-03	1.20E-03	3.90E-03
AP-DAP	3	L8708-03	1/17/2005	K-40	-6.00E-03	1.40E-02	6.70E-02
AP-DAP	3	L8833-03	1/26/2005	AcTh-228	-1.13E-02	5.80E-03	2.90E-02
AP-DAP	3	L8833-03	1/26/2005	Be-7	7.90E-02	2.60E-02	7.40E-02 *
AP-DAP	3	L8833-03	1/26/2005	Co-58	-2.20E-03	1.90E-03	8.70E-03
AP-DAP	3	L8833-03	1/26/2005	Co-60	2.20E-03	1.70E-03	5.80E-03
AP-DAP	3	L8833-03	1/26/2005	Cs-134	-7.00E-04	1.50E-03	6.80E-03
AP-DAP	3	L8833-03	1/26/2005	Cs-137	-9.00E-04	1.70E-03	7.00E-03
AP-DAP	3	L8833-03	1/26/2005	K-40	1.60E-02	2.50E-02	9.40E-02
AP-DAP	3	L8834-03	2/7/2005	AcTh-228	1.00E-03	4.40E-03	1.80E-02
AP-DAP	3	L8834-03	2/7/2005	Be-7	1.12E-01	2.10E-02	4.90E-02 *
AP-DAP	3	L8834-03	2/7/2005	Co-58	-1.40E-03	1.60E-03	7.10E-03

* 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)
AP-DAP	3	L8834-03	2/7/2005	Co-60	1.33E-03	9.40E-04	1.80E-03
AP-DAP	3	L8834-03	2/7/2005	Cs-134	1.84E-03	9.20E-04	1.20E-03
AP-DAP	3	L8834-03	2/7/2005	Cs-137	-1.10E-03	1.00E-03	4.90E-03
AP-DAP	3	L8834-03	2/7/2005	K-40	-1.50E-02	1.60E-02	8.10E-02
AP-DAP	3	L8879-03	2/22/2005	AcTh-228	-1.80E-03	2.50E-03	1.30E-02
AP-DAP	3	L8879-03	2/22/2005	Be-7	5.80E-02	1.50E-02	3.80E-02 *
AP-DAP	3	L8879-03	2/22/2005	Co-58	7.30E-04	5.10E-04	9.90E-04
AP-DAP	3	L8879-03	2/22/2005	Co-60	-1.00E-03	1.30E-03	6.30E-03
AP-DAP	3	L8879-03	2/22/2005	Cs-134	2.20E-03	1.10E-03	2.90E-03
AP-DAP	3	L8879-03	2/22/2005	Cs-137	9.10E-04	9.10E-04	3.30E-03
AP-DAP	3	L8879-03	2/22/2005	K-40	2.10E-02	1.70E-02	5.70E-02
AP-DAP	3	L8937-03	3/7/2005	AcTh-228	-7.80E-03	2.70E-03	1.90E-02
AP-DAP	3	L8937-03	3/7/2005	Be-7	1.09E-01	1.90E-02	3.60E-02 *
AP-DAP	3	L8937-03	3/7/2005	Co-58	-6.00E-04	1.10E-03	5.10E-03
AP-DAP	3	L8937-03	3/7/2005	Co-60	3.30E-03	1.80E-03	5.30E-03
AP-DAP	3	L8937-03	3/7/2005	Cs-134	2.90E-03	1.50E-03	4.40E-03
AP-DAP	3	L8937-03	3/7/2005	Cs-137	-7.00E-04	1.10E-03	5.00E-03
AP-DAP	3	L8937-03	3/7/2005	K-40	-2.30E-02	1.90E-02	9.30E-02
AP-DAP	3	L9044-03	3/23/2005	AcTh-228	1.00E-04	2.40E-03	1.10E-02
AP-DAP	3	L9044-03	3/23/2005	Be-7	9.30E-02	1.50E-02	2.40E-02 *
AP-DAP	3	L9044-03	3/23/2005	Co-58	-1.40E-03	1.10E-03	5.30E-03
AP-DAP	3	L9044-03	3/23/2005	Co-60	1.30E-03	1.60E-03	5.80E-03
AP-DAP	3	L9044-03	3/23/2005	Cs-134	2.30E-04	8.40E-04	3.50E-03
AP-DAP	3	L9044-03	3/23/2005	Cs-137	-1.60E-04	7.10E-04	3.20E-03
AP-DAP	3	L9044-03	3/23/2005	K-40	1.40E-02	1.50E-02	5.40E-02
AP-DAP	3	L9065-03	3/30/2005	AcTh-228	3.00E-03	6.00E-03	2.50E-02
AP-DAP	3	L9065-03	3/30/2005	Be-7	1.27E-01	2.70E-02	5.00E-02 *
AP-DAP	3	L9065-03	3/30/2005	Co-58	-3.00E-04	1.80E-03	8.40E-03
AP-DAP	3	L9065-03	3/30/2005	Co-60	2.10E-03	2.30E-03	8.80E-03
AP-DAP	3	L9065-03	3/30/2005	Cs-134	2.10E-03	2.20E-03	7.90E-03
AP-DAP	3	L9065-03	3/30/2005	Cs-137	3.50E-03	1.60E-03	3.60E-03
AP-DAP	3	L9065-03	3/30/2005	K-40	3.40E-02	2.80E-02	9.90E-02
AP-DAP	3	L9119-03	4/12/2005	AcTh-228	-4.30E-03	3.40E-03	1.90E-02
AP-DAP	3	L9119-03	4/12/2005	Be-7	8.80E-02	1.80E-02	3.70E-02 *
AP-DAP	3	L9119-03	4/12/2005	Co-58	-4.00E-04	1.60E-03	6.60E-03
AP-DAP	3	L9119-03	4/12/2005	Co-60	-8.00E-04	1.30E-03	6.60E-03
AP-DAP	3	L9119-03	4/12/2005	Cs-134	-1.20E-03	1.30E-03	6.10E-03
AP-DAP	3	L9119-03	4/12/2005	Cs-137	2.00E-04	1.20E-03	4.70E-03

* 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)
AP-DAP	3	L9119-03	4/12/2005	K-40	-1.50E-02	1.30E-02	7.20E-02
AP-DAP	3	L9243-03	5/3/2005	AcTh-228	5.00E-04	3.50E-03	1.40E-02
AP-DAP	3	L9243-03	5/3/2005	Be-7	5.10E-02	1.30E-02	3.20E-02 *
AP-DAP	3	L9243-03	5/3/2005	Co-58	-3.80E-04	9.00E-04	4.00E-03
AP-DAP	3	L9243-03	5/3/2005	Co-60	-4.90E-04	4.90E-04	3.40E-03
AP-DAP	3	L9243-03	5/3/2005	Cs-134	7.50E-04	9.00E-04	3.30E-03
AP-DAP	3	L9243-03	5/3/2005	Cs-137	1.43E-03	7.10E-04	1.90E-03
AP-DAP	3	L9243-03	5/3/2005	K-40	6.00E-03	1.40E-02	5.30E-02
AP-DAP	3	L9258-03	5/10/2005	AcTh-228	3.50E-03	6.70E-03	2.70E-02
AP-DAP	3	L9258-03	5/10/2005	Be-7	2.30E-02	1.90E-02	6.50E-02
AP-DAP	3	L9258-03	5/10/2005	Co-58	4.90E-03	2.00E-03	2.20E-03
AP-DAP	3	L9258-03	5/10/2005	Co-60	-1.10E-03	3.70E-03	1.60E-02
AP-DAP	3	L9258-03	5/10/2005	Cs-134	-2.30E-03	2.30E-03	1.10E-02
AP-DAP	3	L9258-03	5/10/2005	Cs-137	-7.00E-04	1.90E-03	8.40E-03
AP-DAP	3	L9258-03	5/10/2005	K-40	-4.90E-02	4.30E-02	2.00E-01
AP-DAP	3	L9405-03	6/2/2005	AcTh-228	1.80E-03	3.00E-03	1.20E-02
AP-DAP	3	L9405-03	6/2/2005	Be-7	6.90E-02	1.40E-02	3.20E-02 *
AP-DAP	3	L9405-03	6/2/2005	Co-58	2.70E-04	5.90E-04	2.60E-03
AP-DAP	3	L9405-03	6/2/2005	Co-60	1.40E-03	1.10E-03	3.60E-03
AP-DAP	3	L9405-03	6/2/2005	Cs-134	1.09E-03	8.80E-04	3.00E-03
AP-DAP	3	L9405-03	6/2/2005	Cs-137	3.60E-04	6.90E-04	2.70E-03
AP-DAP	3	L9405-03	6/2/2005	K-40	4.00E-03	1.30E-02	5.20E-02
AP-DAP	3	L9480-03	6/22/2005	AcTh-228	4.40E-03	3.30E-03	1.10E-02
AP-DAP	3	L9480-03	6/22/2005	Be-7	8.30E-02	1.70E-02	3.80E-02 *
AP-DAP	3	L9480-03	6/22/2005	Co-58	1.10E-03	9.00E-04	3.10E-03
AP-DAP	3	L9480-03	6/22/2005	Co-60	4.90E-03	1.80E-03	4.40E-03
AP-DAP	3	L9480-03	6/22/2005	Cs-134	-5.40E-04	8.90E-04	4.30E-03
AP-DAP	3	L9480-03	6/22/2005	Cs-137	4.40E-04	9.40E-04	3.70E-03
AP-DAP	3	L9480-03	6/22/2005	K-40	-1.20E-02	1.30E-02	6.40E-02
AP-DAP	3	L9531-03	7/6/2005	AcTh-228	1.04E-02	5.50E-03	1.80E-02
AP-DAP	3	L9531-03	7/6/2005	Be-7	1.27E-01	1.90E-02	4.70E-02 *
AP-DAP	3	L9531-03	7/6/2005	Co-58	-2.00E-03	1.30E-03	5.30E-03
AP-DAP	3	L9531-03	7/6/2005	Co-60	2.20E-03	1.40E-03	4.60E-03
AP-DAP	3	L9531-03	7/6/2005	Cs-134	1.20E-03	1.40E-03	4.80E-03
AP-DAP	3	L9531-03	7/6/2005	Cs-137	-3.00E-04	1.40E-03	5.00E-03
AP-DAP	3	L9531-03	7/6/2005	K-40	-5.00E-03	1.80E-02	7.00E-02
AP-DAP	3	L9733-03	7/27/2005	AcTh-228	5.30E-03	2.90E-03	9.10E-03
AP-DAP	3	L9733-03	7/27/2005	Be-7	1.22E-01	1.80E-02	4.10E-02 *

* 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)
AP-DAP	3	L9733-03	7/27/2005	Co-58	9.40E-04	9.50E-04	3.40E-03
AP-DAP	3	L9733-03	7/27/2005	Co-60	3.90E-04	8.70E-04	3.40E-03
AP-DAP	3	L9733-03	7/27/2005	Cs-134	6.40E-04	8.50E-04	3.10E-03
AP-DAP	3	L9733-03	7/27/2005	Cs-137	-8.40E-04	8.30E-04	3.50E-03
AP-DAP	3	L9733-03	7/27/2005	K-40	2.00E-03	1.10E-02	4.50E-02
AP-DAP	3	L9734-03	8/10/2005	AcTh-228	2.40E-03	3.90E-03	1.50E-02
AP-DAP	3	L9734-03	8/10/2005	Be-7	1.25E-01	1.80E-02	3.80E-02 *
AP-DAP	3	L9734-03	8/10/2005	Co-58	5.00E-04	1.00E-03	3.90E-03
AP-DAP	3	L9734-03	8/10/2005	Co-60	2.10E-03	1.50E-03	4.90E-03
AP-DAP	3	L9734-03	8/10/2005	Cs-134	1.00E-04	1.30E-03	4.90E-03
AP-DAP	3	L9734-03	8/10/2005	Cs-137	-9.00E-04	1.10E-03	4.70E-03
AP-DAP	3	L9734-03	8/10/2005	K-40	-1.40E-02	1.50E-02	6.90E-02
AP-DAP	3	L9844-03	9/7/2005	AcTh-228	2.00E-04	1.30E-03	5.40E-03
AP-DAP	3	L9844-03	9/7/2005	Be-7	6.42E-02	8.70E-03	1.30E-02 *
AP-DAP	3	L9844-03	9/7/2005	Co-58	5.90E-04	5.60E-04	2.00E-03
AP-DAP	3	L9844-03	9/7/2005	Co-60	-1.90E-04	4.30E-04	2.10E-03
AP-DAP	3	L9844-03	9/7/2005	Cs-134	-4.30E-04	4.80E-04	2.20E-03
AP-DAP	3	L9844-03	9/7/2005	Cs-137	1.20E-04	3.70E-04	1.50E-03
AP-DAP	3	L9844-03	9/7/2005	K-40	-5.40E-03	5.30E-03	2.70E-02
AP-DAP	3	L10072-03	10/11/2005	AcTh-228	4.10E-03	2.50E-03	7.80E-03
AP-DAP	3	L10072-03	10/11/2005	Be-7	6.50E-02	1.10E-02	2.40E-02 *
AP-DAP	3	L10072-03	10/11/2005	Co-58	1.90E-04	7.70E-04	3.00E-03
AP-DAP	3	L10072-03	10/11/2005	Co-60	-6.00E-05	5.10E-04	2.40E-03
AP-DAP	3	L10072-03	10/11/2005	Cs-134	2.90E-04	5.40E-04	2.10E-03
AP-DAP	3	L10072-03	10/11/2005	Cs-137	-1.15E-03	6.00E-04	2.80E-03
AP-DAP	3	L10072-03	10/11/2005	K-40	-1.37E-02	7.40E-03	3.90E-02
AP-DAP	4	L8706-01	1/18/2005	AcTh-228	1.10E-03	2.30E-03	8.60E-03
AP-DAP	4	L8706-01	1/18/2005	Be-7	9.40E-02	1.30E-02	3.00E-02 *
AP-DAP	4	L8706-01	1/18/2005	Co-58	-2.30E-04	5.50E-04	2.40E-03
AP-DAP	4	L8706-01	1/18/2005	Co-60	-9.30E-04	7.40E-04	3.60E-03
AP-DAP	4	L8706-01	1/18/2005	Cs-134	1.60E-04	6.20E-04	2.50E-03
AP-DAP	4	L8706-01	1/18/2005	Cs-137	-6.70E-04	6.60E-04	2.80E-03
AP-DAP	4	L8706-01	1/18/2005	K-40	-6.00E-04	8.80E-03	3.60E-02
AP-DAP	4	L8763-01	1/25/2005	AcTh-228	2.90E-03	4.60E-03	1.80E-02
AP-DAP	4	L8763-01	1/25/2005	Be-7	8.50E-02	2.00E-02	4.70E-02 *
AP-DAP	4	L8763-01	1/25/2005	Co-58	1.00E-04	2.00E-03	8.10E-03
AP-DAP	4	L8763-01	1/25/2005	Co-60	-1.10E-03	1.60E-03	8.40E-03
AP-DAP	4	L8763-01	1/25/2005	Cs-134	-8.00E-04	1.10E-03	5.90E-03

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
AP-DAP	4	L8763-01	1/25/2005	Cs-137	1.00E-03	1.20E-03	4.50E-03
AP-DAP	4	L8763-01	1/25/2005	K-40	7.00E-03	2.60E-02	1.00E-01
AP-DAP	4	L8831-01	2/9/2005	AcTh-228	-3.80E-03	2.30E-03	1.10E-02
AP-DAP	4	L8831-01	2/9/2005	Be-7	1.15E-01	1.40E-02	3.10E-02 *
AP-DAP	4	L8831-01	2/9/2005	Co-58	1.80E-04	4.70E-04	1.90E-03
AP-DAP	4	L8831-01	2/9/2005	Co-60	0.00E+00	7.00E-04	3.00E-03
AP-DAP	4	L8831-01	2/9/2005	Cs-134	-2.70E-04	6.60E-04	2.80E-03
AP-DAP	4	L8831-01	2/9/2005	Cs-137	1.07E-03	6.80E-04	2.20E-03
AP-DAP	4	L8831-01	2/9/2005	K-40	-1.59E-02	6.20E-03	3.60E-02
AP-DAP	4	L8878-01	2/23/2005	AcTh-228	2.60E-03	2.60E-03	9.50E-03
AP-DAP	4	L8878-01	2/23/2005	Be-7	7.30E-02	1.30E-02	2.60E-02 *
AP-DAP	4	L8878-01	2/23/2005	Co-58	8.00E-04	8.30E-04	3.00E-03
AP-DAP	4	L8878-01	2/23/2005	Co-60	1.00E-04	1.10E-03	4.60E-03
AP-DAP	4	L8878-01	2/23/2005	Cs-134	1.50E-04	8.70E-04	3.60E-03
AP-DAP	4	L8878-01	2/23/2005	Cs-137	1.26E-03	7.60E-04	2.30E-03
AP-DAP	4	L8878-01	2/23/2005	K-40	-4.80E-03	6.60E-03	3.90E-02
AP-DAP	4	L8936-01	3/9/2005	AcTh-228	4.70E-03	3.00E-03	9.50E-03
AP-DAP	4	L8936-01	3/9/2005	Be-7	1.00E-01	1.40E-02	2.60E-02 *
AP-DAP	4	L8936-01	3/9/2005	Co-58	1.30E-04	7.30E-04	3.00E-03
AP-DAP	4	L8936-01	3/9/2005	Co-60	-2.00E-04	1.10E-03	4.90E-03
AP-DAP	4	L8936-01	3/9/2005	Cs-134	-4.00E-05	4.00E-04	2.10E-03
AP-DAP	4	L8936-01	3/9/2005	Cs-137	-4.30E-04	9.00E-04	3.70E-03
AP-DAP	4	L8936-01	3/9/2005	K-40	-1.10E-02	1.20E-02	5.50E-02
AP-DAP	4	L9007-01	3/22/2005	AcTh-228	-7.00E-04	2.90E-03	1.20E-02
AP-DAP	4	L9007-01	3/22/2005	Be-7	9.40E-02	1.30E-02	2.40E-02 *
AP-DAP	4	L9007-01	3/22/2005	Co-58	-2.30E-04	6.90E-04	3.00E-03
AP-DAP	4	L9007-01	3/22/2005	Co-60	0.00E+00	6.40E-04	3.00E-03
AP-DAP	4	L9007-01	3/22/2005	Cs-134	-7.00E-04	8.40E-04	3.70E-03
AP-DAP	4	L9007-01	3/22/2005	Cs-137	1.57E-03	5.50E-04	5.30E-04
AP-DAP	4	L9007-01	3/22/2005	K-40	-1.48E-02	7.50E-03	4.20E-02
AP-DAP	4	L9040-01	3/30/2005	AcTh-228	1.00E-04	6.20E-03	2.50E-02
AP-DAP	4	L9040-01	3/30/2005	Be-7	8.10E-02	1.90E-02	4.80E-02 *
AP-DAP	4	L9040-01	3/30/2005	Co-58	7.00E-04	1.30E-03	5.20E-03
AP-DAP	4	L9040-01	3/30/2005	Co-60	-9.00E-04	1.60E-03	7.90E-03
AP-DAP	4	L9040-01	3/30/2005	Cs-134	1.30E-03	1.70E-03	6.30E-03
AP-DAP	4	L9040-01	3/30/2005	Cs-137	-5.00E-04	1.60E-03	6.70E-03
AP-DAP	4	L9040-01	3/30/2005	K-40	3.80E-02	2.80E-02	9.20E-02
AP-DAP	4	L9118-01	4/12/2005	AcTh-228	3.90E-03	3.20E-03	1.10E-02

* 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)	
AP-DAP	4	L9118-01	4/12/2005	Be-7	6.40E-02	1.40E-02	3.60E-02	*
AP-DAP	4	L9118-01	4/12/2005	Co-58	2.10E-04	8.90E-04	3.60E-03	
AP-DAP	4	L9118-01	4/12/2005	Co-60	1.10E-03	1.10E-03	3.90E-03	
AP-DAP	4	L9118-01	4/12/2005	Cs-134	-3.80E-04	7.30E-04	3.40E-03	
AP-DAP	4	L9118-01	4/12/2005	Cs-137	-9.60E-04	8.50E-04	3.80E-03	
AP-DAP	4	L9118-01	4/12/2005	K-40	-3.00E-03	1.10E-02	4.90E-02	
AP-DAP	4	L9176-01	4/26/2005	AcTh-228	-1.50E-03	2.90E-03	1.20E-02	
AP-DAP	4	L9176-01	4/26/2005	Be-7	1.04E-01	1.40E-02	2.70E-02	*
AP-DAP	4	L9176-01	4/26/2005	Co-58	2.20E-04	6.50E-04	2.60E-03	
AP-DAP	4	L9176-01	4/26/2005	Co-60	1.25E-03	7.60E-04	2.30E-03	
AP-DAP	4	L9176-01	4/26/2005	Cs-134	0.00E+00	9.70E-04	3.80E-03	
AP-DAP	4	L9176-01	4/26/2005	Cs-137	7.60E-04	8.50E-04	3.00E-03	
AP-DAP	4	L9176-01	4/26/2005	K-40	1.40E-03	9.10E-03	3.80E-02	
AP-DAP	4	L9257-01	5/11/2005	AcTh-228	-1.60E-03	2.10E-03	1.10E-02	
AP-DAP	4	L9257-01	5/11/2005	Be-7	4.80E-02	1.20E-02	3.10E-02	*
AP-DAP	4	L9257-01	5/11/2005	Co-58	2.10E-04	4.70E-04	2.00E-03	
AP-DAP	4	L9257-01	5/11/2005	Co-60	3.30E-04	6.90E-04	3.00E-03	
AP-DAP	4	L9257-01	5/11/2005	Cs-134	-1.01E-03	7.80E-04	3.80E-03	
AP-DAP	4	L9257-01	5/11/2005	Cs-137	-2.10E-04	6.40E-04	2.80E-03	
AP-DAP	4	L9257-01	5/11/2005	K-40	1.20E-02	1.20E-02	4.40E-02	
AP-DAP	4	L9327-01	5/27/2005	AcTh-228	-5.00E-04	2.40E-03	1.10E-02	
AP-DAP	4	L9327-01	5/27/2005	Be-7	8.00E-02	1.30E-02	2.30E-02	*
AP-DAP	4	L9327-01	5/27/2005	Co-58	0.00E+00	1.20E-03	4.60E-03	
AP-DAP	4	L9327-01	5/27/2005	Co-60	1.00E-03	1.20E-03	4.50E-03	
AP-DAP	4	L9327-01	5/27/2005	Cs-134	3.60E-04	9.10E-04	3.50E-03	
AP-DAP	4	L9327-01	5/27/2005	Cs-137	1.31E-03	6.90E-04	2.00E-03	
AP-DAP	4	L9327-01	5/27/2005	K-40	1.80E-02	1.10E-02	3.20E-02	
AP-DAP	4	L9404-01	6/7/2005	AcTh-228	8.00E-04	4.20E-03	1.70E-02	
AP-DAP	4	L9404-01	6/7/2005	Be-7	7.00E-02	1.40E-02	3.30E-02	*
AP-DAP	4	L9404-01	6/7/2005	Co-58	9.00E-04	1.20E-03	4.30E-03	
AP-DAP	4	L9404-01	6/7/2005	Co-60	-1.30E-03	1.60E-03	7.10E-03	
AP-DAP	4	L9404-01	6/7/2005	Cs-134	1.00E-03	1.30E-03	4.90E-03	
AP-DAP	4	L9404-01	6/7/2005	Cs-137	-2.50E-03	1.30E-03	5.80E-03	
AP-DAP	4	L9404-01	6/7/2005	K-40	1.20E-02	1.60E-02	5.80E-02	
AP-DAP	4	L9479-01	6/22/2005	AcTh-228	-4.20E-03	3.50E-03	1.70E-02	
AP-DAP	4	L9479-01	6/22/2005	Be-7	7.90E-02	1.40E-02	2.80E-02	*
AP-DAP	4	L9479-01	6/22/2005	Co-58	1.30E-04	7.70E-04	3.40E-03	
AP-DAP	4	L9479-01	6/22/2005	Co-60	-6.00E-04	1.10E-03	5.20E-03	

* 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)
AP-DAP	4	L9479-01	6/22/2005	Cs-134	1.68E-03	9.40E-04	2.80E-03
AP-DAP	4	L9479-01	6/22/2005	Cs-137	-3.50E-04	5.10E-04	2.70E-03
AP-DAP	4	L9479-01	6/22/2005	K-40	1.10E-02	1.30E-02	4.80E-02
AP-DAP	4	L9493-01	6/27/2005	AcTh-228	-1.00E-03	9.20E-03	3.40E-02
AP-DAP	4	L9493-01	6/27/2005	Be-7	1.89E-01	3.40E-02	9.20E-02 *
AP-DAP	4	L9493-01	6/27/2005	Co-58	3.60E-03	2.30E-03	7.50E-03
AP-DAP	4	L9493-01	6/27/2005	Co-60	2.80E-03	2.90E-03	1.00E-02
AP-DAP	4	L9493-01	6/27/2005	Cs-134	-4.90E-03	2.00E-03	9.30E-03
AP-DAP	4	L9493-01	6/27/2005	Cs-137	2.50E-03	2.60E-03	9.10E-03
AP-DAP	4	L9493-01	6/27/2005	K-40	3.50E-02	4.00E-02	1.40E-01
AP-DAP	4	L9578-01	7/12/2005	AcTh-228	-1.00E-03	4.50E-03	1.80E-02
AP-DAP	4	L9578-01	7/12/2005	Be-7	6.50E-02	1.50E-02	4.10E-02 *
AP-DAP	4	L9578-01	7/12/2005	Co-58	1.34E-03	8.60E-04	2.70E-03
AP-DAP	4	L9578-01	7/12/2005	Co-60	-5.20E-04	5.20E-04	3.60E-03
AP-DAP	4	L9578-01	7/12/2005	Cs-134	-1.20E-04	9.20E-04	4.00E-03
AP-DAP	4	L9578-01	7/12/2005	Cs-137	-6.00E-04	1.10E-03	4.50E-03
AP-DAP	4	L9578-01	7/12/2005	K-40	-1.60E-02	1.10E-02	5.90E-02
AP-DAP	4	L9662-01	7/27/2005	AcTh-228	1.00E-03	2.90E-03	1.10E-02
AP-DAP	4	L9662-01	7/27/2005	Be-7	1.04E-01	1.40E-02	2.90E-02 *
AP-DAP	4	L9662-01	7/27/2005	Co-58	-6.40E-04	7.70E-04	3.40E-03
AP-DAP	4	L9662-01	7/27/2005	Co-60	4.80E-04	7.00E-04	2.70E-03
AP-DAP	4	L9662-01	7/27/2005	Cs-134	3.00E-05	8.50E-04	3.40E-03
AP-DAP	4	L9662-01	7/27/2005	Cs-137	1.20E-04	8.30E-04	3.20E-03
AP-DAP	4	L9662-01	7/27/2005	K-40	-4.00E-03	1.20E-02	4.90E-02
AP-DAP	4	L9732-01	8/10/2005	AcTh-228	5.00E-03	3.10E-03	1.00E-02
AP-DAP	4	L9732-01	8/10/2005	Be-7	1.20E-01	1.50E-02	3.10E-02 *
AP-DAP	4	L9732-01	8/10/2005	Co-58	-8.90E-04	6.70E-04	3.30E-03
AP-DAP	4	L9732-01	8/10/2005	Co-60	-5.00E-04	1.10E-03	4.60E-03
AP-DAP	4	L9732-01	8/10/2005	Cs-134	6.60E-04	8.60E-04	3.20E-03
AP-DAP	4	L9732-01	8/10/2005	Cs-137	-8.50E-04	8.10E-04	3.50E-03
AP-DAP	4	L9732-01	8/10/2005	K-40	-2.00E-03	1.00E-02	4.30E-02
AP-DAP	4	L9796-01	8/24/2005	AcTh-228	-1.00E-03	3.30E-03	1.40E-02
AP-DAP	4	L9796-01	8/24/2005	Be-7	1.15E-01	1.60E-02	2.90E-02 *
AP-DAP	4	L9796-01	8/24/2005	Co-58	3.00E-04	1.00E-03	4.00E-03
AP-DAP	4	L9796-01	8/24/2005	Co-60	9.80E-04	7.80E-04	2.70E-03
AP-DAP	4	L9796-01	8/24/2005	Cs-134	-1.00E-04	7.70E-04	3.30E-03
AP-DAP	4	L9796-01	8/24/2005	Cs-137	-1.90E-03	1.20E-03	5.20E-03
AP-DAP	4	L9796-01	8/24/2005	K-40	3.00E-03	1.00E-02	4.30E-02

* 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)
AP-DAP	4	L9843-01	9/7/2005	AcTh-228	9.00E-04	3.60E-03	1.40E-02
AP-DAP	4	L9843-01	9/7/2005	Be-7	8.10E-02	1.50E-02	3.50E-02 *
AP-DAP	4	L9843-01	9/7/2005	Co-58	-1.23E-03	6.80E-04	3.80E-03
AP-DAP	4	L9843-01	9/7/2005	Co-60	-2.00E-04	1.10E-03	4.80E-03
AP-DAP	4	L9843-01	9/7/2005	Cs-134	-8.00E-04	9.60E-04	4.30E-03
AP-DAP	4	L9843-01	9/7/2005	Cs-137	-1.67E-03	8.20E-04	4.00E-03
AP-DAP	4	L9843-01	9/7/2005	K-40	-1.50E-02	1.30E-02	6.10E-02
AP-DAP	4	L9940-01	9/21/2005	AcTh-228	4.90E-03	3.40E-03	1.10E-02
AP-DAP	4	L9940-01	9/21/2005	Be-7	8.90E-02	1.60E-02	3.60E-02 *
AP-DAP	4	L9940-01	9/21/2005	Co-58	0.00E+00	1.10E-03	4.20E-03
AP-DAP	4	L9940-01	9/21/2005	Co-60	2.00E-04	9.00E-04	3.70E-03
AP-DAP	4	L9940-01	9/21/2005	Cs-134	-1.10E-03	1.10E-03	4.90E-03
AP-DAP	4	L9940-01	9/21/2005	Cs-137	-3.10E-04	5.80E-04	2.70E-03
AP-DAP	4	L9940-01	9/21/2005	K-40	6.00E-03	1.40E-02	5.20E-02
AP-DAP	4	L9969-01	9/27/2005	AcTh-228	-5.30E-03	6.00E-03	2.70E-02
AP-DAP	4	L9969-01	9/27/2005	Be-7	8.10E-02	2.60E-02	7.50E-02 *
AP-DAP	4	L9969-01	9/27/2005	Co-58	1.00E-03	1.80E-03	6.90E-03
AP-DAP	4	L9969-01	9/27/2005	Co-60	9.00E-04	1.90E-03	7.50E-03
AP-DAP	4	L9969-01	9/27/2005	Cs-134	0.00E+00	1.50E-03	6.50E-03
AP-DAP	4	L9969-01	9/27/2005	Cs-137	6.00E-04	1.80E-03	7.00E-03
AP-DAP	4	L9969-01	9/27/2005	K-40	2.00E-03	2.50E-02	1.00E-01
AP-DAP	4	L10071-01	10/18/2005	AcTh-228	-6.00E-03	1.70E-03	1.10E-02
AP-DAP	4	L10071-01	10/18/2005	Be-7	8.80E-02	1.20E-02	1.90E-02 *
AP-DAP	4	L10071-01	10/18/2005	Co-58	3.10E-04	7.80E-04	3.00E-03
AP-DAP	4	L10071-01	10/18/2005	Co-60	-2.80E-04	6.40E-04	3.10E-03
AP-DAP	4	L10071-01	10/18/2005	Cs-134	-1.90E-04	7.70E-04	3.20E-03
AP-DAP	4	L10071-01	10/18/2005	Cs-137	0.00E+00	5.20E-04	2.20E-03
AP-DAP	4	L10071-01	10/18/2005	K-40	-3.50E-03	8.60E-03	3.90E-02
AP-DAP	4	L10138-01	11/1/2005	AcTh-228	-7.70E-03	2.50E-03	1.50E-02
AP-DAP	4	L10138-01	11/1/2005	Be-7	7.60E-02	1.40E-02	3.20E-02 *
AP-DAP	4	L10138-01	11/1/2005	Co-58	7.40E-04	9.30E-04	3.40E-03
AP-DAP	4	L10138-01	11/1/2005	Co-60	1.08E-03	6.20E-04	9.80E-04
AP-DAP	4	L10138-01	11/1/2005	Cs-134	1.10E-04	6.60E-04	2.80E-03
AP-DAP	4	L10138-01	11/1/2005	Cs-137	1.24E-03	9.20E-04	3.10E-03
AP-DAP	4	L10138-01	11/1/2005	K-40	-9.50E-03	9.20E-03	4.80E-02
AP-DAP	4	L10216-01	11/15/2005	AcTh-228	-2.60E-03	3.40E-03	1.50E-02
AP-DAP	4	L10216-01	11/15/2005	Be-7	7.50E-02	1.50E-02	3.90E-02 *
AP-DAP	4	L10216-01	11/15/2005	Co-58	4.90E-04	9.40E-04	3.60E-03

* 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)
AP-DAP	4	L10216-01	11/15/2005	Co-60	1.50E-03	1.10E-03	3.70E-03
AP-DAP	4	L10216-01	11/15/2005	Cs-134	-7.00E-05	8.10E-04	3.40E-03
AP-DAP	4	L10216-01	11/15/2005	Cs-137	2.90E-04	7.30E-04	2.80E-03
AP-DAP	4	L10216-01	11/15/2005	K-40	-3.00E-03	1.30E-02	5.30E-02
AP-DAP	4	L10221-02	11/23/2005	AcTh-228	1.16E-02	6.80E-03	2.10E-02
AP-DAP	4	L10221-02	11/23/2005	Be-7	6.80E-02	1.70E-02	3.80E-02 *
AP-DAP	4	L10221-02	11/23/2005	Co-58	1.52E-03	8.80E-04	1.40E-03
AP-DAP	4	L10221-02	11/23/2005	Co-60	3.10E-03	1.80E-03	5.20E-03
AP-DAP	4	L10221-02	11/23/2005	Cs-134	2.00E-03	1.30E-03	4.20E-03
AP-DAP	4	L10221-02	11/23/2005	Cs-137	4.00E-04	1.10E-03	4.60E-03
AP-DAP	4	L10221-02	11/23/2005	K-40	2.00E-02	2.10E-02	7.80E-02
AP-DAP	4	L10263-01	12/7/2005	AcTh-228	-2.70E-03	2.20E-03	9.80E-03
AP-DAP	4	L10263-01	12/7/2005	Be-7	6.81E-02	9.70E-03	2.00E-02 *
AP-DAP	4	L10263-01	12/7/2005	Co-58	6.00E-05	5.40E-04	2.20E-03
AP-DAP	4	L10263-01	12/7/2005	Co-60	-2.10E-04	6.40E-04	2.80E-03
AP-DAP	4	L10263-01	12/7/2005	Cs-134	-5.60E-04	6.90E-04	2.90E-03
AP-DAP	4	L10263-01	12/7/2005	Cs-137	-4.10E-04	4.90E-04	2.20E-03
AP-DAP	4	L10263-01	12/7/2005	K-40	-2.00E-03	1.00E-02	4.20E-02

* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)
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SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	11	L9378-01	6/1/2005	Ag-110m	-2.00E+01	2.90E+01	1.20E+02
FH	11	L9378-01	6/1/2005	Ba-140	-9.00E+01	1.00E+02	5.10E+02
FH	11	L9378-01	6/1/2005	Be-7	-1.20E+02	1.80E+02	7.60E+02
FH	11	L9378-01	6/1/2005	Ce-141	9.40E+01	3.90E+01	1.20E+02
FH	11	L9378-01	6/1/2005	Ce-144	7.30E+01	7.00E+01	2.40E+02
FH	11	L9378-01	6/1/2005	Co-57	2.20E+01	9.60E+00	3.00E+01
FH	11	L9378-01	6/1/2005	Co-58	1.00E+00	1.10E+01	5.00E+01
FH	11	L9378-01	6/1/2005	Co-60	2.30E+01	1.80E+01	6.10E+01
FH	11	L9378-01	6/1/2005	Cs-134	-2.00E+00	1.20E+01	5.40E+01
FH	11	L9378-01	6/1/2005	Cs-137	4.50E+01	2.00E+01	5.80E+01
FH	11	L9378-01	6/1/2005	Fe-59	3.50E+01	7.80E+01	3.00E+02
FH	11	L9378-01	6/1/2005	I-131	-3.80E+02	3.00E+02	1.30E+03
FH	11	L9378-01	6/1/2005	K-40	2.49E+03	4.60E+02	9.50E+02 *
FH	11	L9378-01	6/1/2005	La-140	-1.00E+02	1.20E+02	5.90E+02
FH	11	L9378-01	6/1/2005	Mn-54	9.00E+00	1.30E+01	4.80E+01
FH	11	L9378-01	6/1/2005	Nb-95	-3.00E+00	2.20E+01	9.40E+01
FH	11	L9378-01	6/1/2005	Ru-103	-6.00E+00	2.50E+01	1.00E+02
FH	11	L9378-01	6/1/2005	Ru-106	1.80E+02	1.50E+02	5.10E+02
FH	11	L9378-01	6/1/2005	Sb-124	0.00E+00	4.50E+01	2.10E+02
FH	11	L9378-01	6/1/2005	Zn-65	-4.60E+01	3.20E+01	1.60E+02
FH	11	L9378-01	6/1/2005	Zr-95	-3.00E+00	3.10E+01	1.30E+02
FH	11	L10139-01	10/25/2005	Ag-110m	-1.50E+01	1.10E+01	4.70E+01
FH	11	L10139-01	10/25/2005	Ba-140	1.40E+01	1.60E+01	5.70E+01
FH	11	L10139-01	10/25/2005	Be-7	7.70E+01	7.70E+01	2.60E+02
FH	11	L10139-01	10/25/2005	Ce-141	1.10E+01	1.50E+01	5.10E+01
FH	11	L10139-01	10/25/2005	Ce-144	-6.90E+01	4.50E+01	1.70E+02
FH	11	L10139-01	10/25/2005	Co-57	4.40E+00	5.80E+00	2.00E+01
FH	11	L10139-01	10/25/2005	Co-58	-4.90E+00	8.70E+00	3.50E+01
FH	11	L10139-01	10/25/2005	Co-60	-9.00E+00	1.10E+01	4.30E+01
FH	11	L10139-01	10/25/2005	Cs-134	-8.10E+00	8.50E+00	3.50E+01
FH	11	L10139-01	10/25/2005	Cs-137	3.10E+01	1.30E+01	3.90E+01
FH	11	L10139-01	10/25/2005	Fe-59	-4.00E+00	2.40E+01	9.20E+01
FH	11	L10139-01	10/25/2005	I-131	7.00E+00	2.60E+01	9.30E+01
FH	11	L10139-01	10/25/2005	K-40	3.45E+03	2.90E+02	4.60E+02 *
FH	11	L10139-01	10/25/2005	La-140	1.60E+01	1.80E+01	6.50E+01
FH	11	L10139-01	10/25/2005	Mn-54	1.47E+01	8.60E+00	2.80E+01
FH	11	L10139-01	10/25/2005	Nb-95	-1.30E+01	1.20E+01	4.60E+01
FH	11	L10139-01	10/25/2005	Ru-103	1.10E+01	1.00E+01	3.50E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	11	L10139-01	10/25/2005	Ru-106	2.60E+01	8.10E+01	2.90E+02
FH	11	L10139-01	10/25/2005	Sb-124	1.20E+01	1.80E+01	7.00E-01
FH	11	L10139-01	10/25/2005	Zn-65	-5.00E+00	1.80E+01	7.10E+01
FH	11	L10139-01	10/25/2005	Zr-95	2.50E+01	1.60E+01	5.30E+01
FH	21	L9378-02	5/11/2005	Ag-110m	-2.50E+01	2.00E+01	8.60E+01
FH	21	L9378-02	5/11/2005	Ba-140	2.10E+02	2.10E+02	7.50E+02
FH	21	L9378-02	5/11/2005	Be-7	-6.00E+01	1.60E+02	6.50E+02
FH	21	L9378-02	5/11/2005	Ce-141	-1.02E+02	4.80E+01	1.90E+02
FH	21	L9378-02	5/11/2005	Ce-144	-1.70E+01	6.30E+01	2.30E+02
FH	21	L9378-02	5/11/2005	Co-57	0.00E+00	9.40E+00	3.40E+01
FH	21	L9378-02	5/11/2005	Co-58	-2.10E+01	1.80E+01	7.90E+01
FH	21	L9378-02	5/11/2005	Co-60	2.10E+01	1.30E+01	4.30E+01
FH	21	L9378-02	5/11/2005	Cs-134	-1.50E+01	1.30E+01	5.50E+01
FH	21	L9378-02	5/11/2005	Cs-137	1.00E+01	1.10E+01	4.00E+01
FH	21	L9378-02	5/11/2005	Fe-59	3.80E+01	6.00E+01	2.30E+02
FH	21	L9378-02	5/11/2005	I-131	-7.00E+02	1.60E+03	6.00E+03
FH	21	L9378-02	5/11/2005	K-40	2.53E+03	3.30E+02	5.30E+02 *
FH	21	L9378-02	5/11/2005	La-140	2.50E+02	2.40E+02	8.60E+02
FH	21	L9378-02	5/11/2005	Mn-54	-3.00E+00	1.20E+01	4.70E+01
FH	21	L9378-02	5/11/2005	Nb-95	-7.00E+00	3.40E+01	1.30E+02
FH	21	L9378-02	5/11/2005	Ru-103	-2.60E+01	2.90E+01	1.20E+02
FH	21	L9378-02	5/11/2005	Ru-106	1.80E+02	1.00E+02	3.20E+02
FH	21	L9378-02	5/11/2005	Sb-124	-7.00E+00	4.80E+01	2.10E+02
FH	21	L9378-02	5/11/2005	Zn-65	-3.00E+01	3.10E+01	1.30E+02
FH	21	L9378-02	5/11/2005	Zr-95	-3.00E+01	3.00E+01	1.30E+02
FH	21	L10139-02	10/17/2005	Ag-110m	0.00E+00	1.10E+01	4.20E+01
FH	21	L10139-02	10/17/2005	Ba-140	9.00E+00	2.80E+01	1.10E+02
FH	21	L10139-02	10/17/2005	Be-7	-4.00E+01	8.00E+01	3.00E+02
FH	21	L10139-02	10/17/2005	Ce-141	5.00E+00	1.50E+01	5.20E+01
FH	21	L10139-02	10/17/2005	Ce-144	4.10E+01	4.20E+01	1.40E+02
FH	21	L10139-02	10/17/2005	Co-57	6.30E+00	6.00E+00	2.00E+01
FH	21	L10139-02	10/17/2005	Co-58	-1.96E+01	9.50E+00	4.10E+01
FH	21	L10139-02	10/17/2005	Co-60	-3.40E+00	9.80E+00	3.80E+01
FH	21	L10139-02	10/17/2005	Cs-134	3.10E+00	8.60E+00	3.20E+01
FH	21	L10139-02	10/17/2005	Cs-137	2.16E+01	9.90E+00	3.10E+01
FH	21	L10139-02	10/17/2005	Fe-59	1.60E+01	2.00E+01	7.00E+01
FH	21	L10139-02	10/17/2005	I-131	-3.10E+01	5.30E+01	2.00E+02
FH	21	L10139-02	10/17/2005	K-40	3.79E+03	2.90E+02	4.10E+02 *

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	21	L10139-02	10/17/2005	La-140	1.00E+01	3.30E+01	1.20E+02
FH	21	L10139-02	10/17/2005	Mn-54	-4.20E+00	8.50E+00	3.30E+01
FH	21	L10139-02	10/17/2005	Nb-95	2.00E+00	1.20E+01	4.30E+01
FH	21	L10139-02	10/17/2005	Ru-103	1.00E+00	1.00E+01	3.70E+01
FH	21	L10139-02	10/17/2005	Ru-106	-4.50E+01	8.00E+01	3.00E+02
FH	21	L10139-02	10/17/2005	Sb-124	-2.10E+01	1.70E+01	8.30E+01
FH	21	L10139-02	10/17/2005	Zn-65	-1.50E+01	2.20E+01	8.40E+01
FH	21	L10139-02	10/17/2005	Zr-95	-6.00E+00	2.00E+01	7.40E+01

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

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MS	33	L9064-01	3/29/2005	AcTh-228	5.00E+00	1.30E+01	4.80E+01
MS	33	L9064-01	3/29/2005	Ag-110m	6.30E+00	3.60E+00	1.10E+01
MS	33	L9064-01	3/29/2005	Ba-140	8.80E+00	7.10E+00	2.40E+01
MS	33	L9064-01	3/29/2005	Be-7	-1.10E+01	2.20E+01	9.00E+01
MS	33	L9064-01	3/29/2005	Ce-141	-3.90E+00	5.10E+00	1.90E+01
MS	33	L9064-01	3/29/2005	Ce-144	-3.00E+01	1.60E+01	6.20E+01
MS	33	L9064-01	3/29/2005	Co-57	-9.00E-01	2.20E+00	8.00E-00
MS	33	L9064-01	3/29/2005	Co-58	-7.00E-01	2.90E+00	1.20E+01
MS	33	L9064-01	3/29/2005	Co-60	3.20E+00	2.50E+00	8.60E+00
MS	33	L9064-01	3/29/2005	Cs-134	6.60E+00	2.70E+00	6.70E+00
MS	33	L9064-01	3/29/2005	Cs-137	9.60E+00	4.90E+00	1.60E+01
MS	33	L9064-01	3/29/2005	Fe-59	1.60E+01	1.30E+01	4.50E+01
MS	33	L9064-01	3/29/2005	I-131	8.30E+00	8.00E+00	2.80E+01
MS	33	L9064-01	3/29/2005	K-40	1.83E+03	1.40E+02	8.30E+01 *
MS	33	L9064-01	3/29/2005	La-140	1.01E+01	8.10E+00	2.80E+01
MS	33	L9064-01	3/29/2005	Mn-54	-3.00E-01	3.40E+00	1.30E+01
MS	33	L9064-01	3/29/2005	Nb-95	-1.10E+00	3.80E+00	1.60E+01
MS	33	L9064-01	3/29/2005	Ru-103	0.00E+00	3.60E+00	1.40E+01
MS	33	L9064-01	3/29/2005	Ru-106	-6.00E+00	2.20E+01	9.10E+01
MS	33	L9064-01	3/29/2005	Sb-124	3.30E+00	5.70E+00	2.40E+01
MS	33	L9064-01	3/29/2005	Zn-65	1.16E+01	8.70E+00	2.90E+01
MS	33	L9064-01	3/29/2005	Zr-95	-7.80E+00	5.60E+00	2.50E+01
MS	45	L9064-02	4/5/2005	AcTh-228	1.85E+01	9.00E+00	2.50E+01
MS	45	L9064-02	4/5/2005	Ag-110m	-7.00E-01	3.40E+00	1.40E+01
MS	45	L9064-02	4/5/2005	Ba-140	2.10E+00	3.20E+00	1.30E+01
MS	45	L9064-02	4/5/2005	Be-7	5.00E+00	2.30E+01	8.60E+01
MS	45	L9064-02	4/5/2005	Ce-141	8.20E+00	4.30E+00	1.40E+01
MS	45	L9064-02	4/5/2005	Ce-144	7.00E+00	1.60E+01	5.70E+01
MS	45	L9064-02	4/5/2005	Co-57	-1.20E+00	2.10E+00	7.80E+00
MS	45	L9064-02	4/5/2005	Co-58	2.60E+00	2.90E+00	1.00E+01
MS	45	L9064-02	4/5/2005	Co-60	-3.00E+00	3.70E+00	1.70E+01
MS	45	L9064-02	4/5/2005	Cs-134	-3.20E+00	2.50E+00	1.20E+01
MS	45	L9064-02	4/5/2005	Cs-137	4.30E+00	3.30E+00	1.10E+01
MS	45	L9064-02	4/5/2005	Fe-59	2.80E+00	6.30E+00	2.60E+01
MS	45	L9064-02	4/5/2005	I-131	-2.00E+00	4.90E+00	1.90E+01
MS	45	L9064-02	4/5/2005	K-40	1.53E+03	1.40E+02	1.60E+02 *
MS	45	L9064-02	4/5/2005	La-140	2.40E+00	3.60E+00	1.50E+01
MS	45	L9064-02	4/5/2005	Mn-54	5.90E+00	2.40E+00	6.00E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
 Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
MS	45	L9064-02	4/5/2005	Nb-95	5.50E+00	2.80E+00	8.30E+00
MS	45	L9064-02	4/5/2005	Ru-103	-1.90E+00	3.00E+00	1.20E+01
MS	45	L9064-02	4/5/2005	Ru-106	-3.60E+01	2.10E+01	9.90E+01
MS	45	L9064-02	4/5/2005	Sb-124	3.00E+00	6.80E+00	2.80E+01
MS	45	L9064-02	4/5/2005	Zn-65	1.52E+01	8.10E+00	2.50E+01
MS	45	L9064-02	4/5/2005	Zr-95	5.80E+00	5.10E+00	1.80E+01

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

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE1	11	L9246-01	4/27/2005	AcTh-228	1.16E+03	7.10E+01	1.90E+02	*
SE1	11	L9246-01	4/27/2005	Be-7	9.10E+02	2.10E+02	6.20E+02	*
SE1	11	L9246-01	4/27/2005	Co-58	-1.20E+01	1.40E+01	5.30E+01	
SE1	11	L9246-01	4/27/2005	Co-60	-7.00E+00	1.70E+01	6.30E+01	
SE1	11	L9246-01	4/27/2005	Cs-134	-6.00E+00	1.40E+01	5.00E+01	
SE1	11	L9246-01	4/27/2005	Cs-137	2.64E+02	2.90E+01	7.20E+01	*
SE1	11	L9246-01	4/27/2005	K-40	1.67E+04	6.50E+02	4.40E+02	*
SE1	11	L10140-01	11/1/2005	AcTh-228	7.84E+02	6.20E+01	2.00E+02	*
SE1	11	L10140-01	11/1/2005	Be-7	3.10E+02	1.20E+02	3.60E+02	
SE1	11	L10140-01	11/1/2005	Co-58	-1.40E+01	1.40E+01	5.30E+01	
SE1	11	L10140-01	11/1/2005	Co-60	1.20E+01	1.50E+01	5.40E+01	
SE1	11	L10140-01	11/1/2005	Cs-134	-4.00E+00	1.10E+01	4.10E+01	
SE1	11	L10140-01	11/1/2005	Cs-137	6.40E+01	1.30E+01	3.30E+01	*
SE1	11	L10140-01	11/1/2005	K-40	1.43E+04	6.00E+02	6.10E+02	*
SE1	21	L9246-04	4/27/2005	AcTh-228	4.17E+02	4.50E+01	1.50E+02	*
SE1	21	L9246-04	4/27/2005	Be-7	1.20E+02	1.10E+02	3.70E+02	
SE1	21	L9246-04	4/27/2005	Co-58	-1.00E+00	1.10E+01	3.80E+01	
SE1	21	L9246-04	4/27/2005	Co-60	3.00E+00	1.20E+01	4.30E+01	
SE1	21	L9246-04	4/27/2005	Cs-134	1.90E+00	9.90E+00	3.50E+01	
SE1	21	L9246-04	4/27/2005	Cs-137	6.65E+02	3.10E+01	5.10E+01	*
SE1	21	L9246-04	4/27/2005	K-40	1.44E+04	5.20E+02	4.10E+02	*
SE1	21	L10140-04	10/25/2005	AcTh-228	6.23E+02	7.60E+01	2.50E+02	*
SE1	21	L10140-04	10/25/2005	Be-7	1.80E+02	1.70E+02	5.90E+02	
SE1	21	L10140-04	10/25/2005	Co-58	-2.10E+01	1.50E+01	6.60E+01	
SE1	21	L10140-04	10/25/2005	Co-60	-2.50E+01	1.80E+01	7.80E+01	
SE1	21	L10140-04	10/25/2005	Cs-134	2.40E+01	1.40E+01	4.60E+01	
SE1	21	L10140-04	10/25/2005	Cs-137	3.80E+02	3.80E+01	8.00E+01	*
SE1	21	L10140-04	10/25/2005	K-40	1.69E+04	8.50E+02	8.30E+02	*
SE1	91	L9246-07	5/4/2005	AcTh-228	1.52E+03	1.20E+02	4.00E+02	*
SE1	91	L9246-07	5/4/2005	Be-7	-2.30E+02	2.30E+02	8.60E+02	
SE1	91	L9246-07	5/4/2005	Co-58	1.30E+01	2.40E+01	8.40E+01	
SE1	91	L9246-07	5/4/2005	Co-60	1.70E+01	2.50E+01	9.00E+01	
SE1	91	L9246-07	5/4/2005	Cs-134	-2.00E+00	2.60E+01	1.00E+02	
SE1	91	L9246-07	5/4/2005	Cs-137	1.12E+03	6.50E+01	1.10E+02	*
SE1	91	L9246-07	5/4/2005	K-40	2.81E+04	1.10E+03	8.10E+02	*
SE1	91	L10140-07	10/24/2005	AcTh-228	2.27E+03	9.40E+01	3.30E+02	*
SE1	91	L10140-07	10/24/2005	Be-7	3.60E+02	2.30E+02	7.40E+02	
SE1	91	L10140-07	10/24/2005	Co-58	-6.00E+00	2.50E+01	8.90E+01	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
 Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE1	91	L10140-07	10/24/2005	Co-60	-2.40E+01	2.70E+01	9.90E+01
SE1	91	L10140-07	10/24/2005	Cs-134	-1.00E+00	2.40E+01	8.10E+01
SE1	91	L10140-07	10/24/2005	Cs-137	8.44E+02	4.80E+01	1.00E+02 *
SE1	91	L10140-07	10/24/2005	K-40	2.30E+04	8.10E+02	1.00E+03 *

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

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE2	11	L9246-02	4/27/2005	AcTh-228	8.50E+02	8.00E+01	3.00E+02	*
SE2	11	L9246-02	4/27/2005	Be-7	-2.40E+02	1.40E+02	5.60E+02	
SE2	11	L9246-02	4/27/2005	Co-58	-6.00E+00	1.70E+01	6.50E+01	
SE2	11	L9246-02	4/27/2005	Co-60	1.90E+01	1.80E+01	6.30E+01	
SE2	11	L9246-02	4/27/2005	Cs-134	-4.00E+01	1.70E+01	6.70E+01	
SE2	11	L9246-02	4/27/2005	Cs-137	2.23E+02	3.20E+01	8.30E+01	*
SE2	11	L9246-02	4/27/2005	K-40	1.65E+04	7.60E+02	5.70E+02	*
SE2	11	L10140-02	11/1/2005	AcTh-228	1.22E+03	8.00E+01	2.70E+02	*
SE2	11	L10140-02	11/1/2005	Be-7	4.80E+02	2.40E+02	7.90E+02	
SE2	11	L10140-02	11/1/2005	Co-58	-1.10E+01	1.70E+01	6.60E+01	
SE2	11	L10140-02	11/1/2005	Co-60	-1.70E+01	2.00E+01	8.00E+01	
SE2	11	L10140-02	11/1/2005	Cs-134	7.00E+00	1.70E+01	6.00E+01	
SE2	11	L10140-02	11/1/2005	Cs-137	2.08E+02	3.00E+01	7.80E+01	*
SE2	11	L10140-02	11/1/2005	K-40	1.87E+04	8.10E+02	8.30E+02	*
SE2	21	L9246-05	4/27/2005	AcTh-228	4.68E+02	4.80E+01	1.70E+02	*
SE2	21	L9246-05	4/27/2005	Be-7	1.70E+01	9.00E+01	3.20E+02	
SE2	21	L9246-05	4/27/2005	Co-58	-7.00E+00	1.00E+01	4.00E+01	
SE2	21	L9246-05	4/27/2005	Co-60	-1.00E+00	1.30E+01	4.70E+01	
SE2	21	L9246-05	4/27/2005	Cs-134	1.15E+01	7.70E+00	2.50E+01	
SE2	21	L9246-05	4/27/2005	Cs-137	1.83E+02	2.00E+01	5.00E+01	*
SE2	21	L9246-05	4/27/2005	K-40	1.57E+04	5.60E+02	3.80E+02	*
SE2	21	L10140-05	10/25/2005	AcTh-228	4.52E+02	5.60E+01	2.30E+02	*
SE2	21	L10140-05	10/25/2005	Be-7	-2.30E+02	1.10E+02	4.40E+02	
SE2	21	L10140-05	10/25/2005	Co-58	-9.00E+00	1.30E+01	5.00E+01	
SE2	21	L10140-05	10/25/2005	Co-60	8.00E+00	1.80E+01	6.40E+01	
SE2	21	L10140-05	10/25/2005	Cs-134	9.00E+00	1.10E+01	3.90E+01	
SE2	21	L10140-05	10/25/2005	Cs-137	9.20E+01	2.10E+01	6.10E+01	*
SE2	21	L10140-05	10/25/2005	K-40	1.46E+04	6.10E+02	3.70E+02	*
SE2	91	L9246-08	5/4/2005	AcTh-228	1.49E+03	1.20E+02	4.20E+02	*
SE2	91	L9246-08	5/4/2005	Be-7	-2.40E+02	2.20E+02	8.10E+02	
SE2	91	L9246-08	5/4/2005	Co-58	-1.30E+01	2.50E+01	9.60E+01	
SE2	91	L9246-08	5/4/2005	Co-60	3.00E+00	2.80E+01	1.10E+02	
SE2	91	L9246-08	5/4/2005	Cs-134	-2.90E+01	2.40E+01	9.00E+01	
SE2	91	L9246-08	5/4/2005	Cs-137	9.80E+02	6.50E+01	1.20E+02	*
SE2	91	L9246-08	5/4/2005	K-40	2.60E+04	1.20E+03	8.60E+02	*
SE2	91	L10140-08	10/24/2005	AcTh-228	1.83E+03	8.80E+01	3.50E+02	*
SE2	91	L10140-08	10/24/2005	Be-7	1.90E+02	2.40E+02	8.10E+02	
SE2	91	L10140-08	10/24/2005	Co-58	-1.40E+01	2.40E+01	8.70E+01	

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
 Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE2	91	L10140-08	10/24/2005	Co-60	-5.00E+00	2.50E+01	8.80E+01
SE2	91	L10140-08	10/24/2005	Cs-134	-2.40E+01	2.30E+01	8.20E+01
SE2	91	L10140-08	10/24/2005	Cs-137	1.04E+03	4.80E+01	1.00E+02 *
SE2	91	L10140-08	10/24/2005	K-40	2.48E+04	7.80E+02	1.10E+03 *

* 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)	
SE3	11	L9246-03	4/27/2005	AcTh-228	9.73E+02	8.60E+01	2.60E+02	*
SE3	11	L9246-03	4/27/2005	Be-7	-2.00E+02	1.50E+02	5.90E+02	
SE3	11	L9246-03	4/27/2005	Co-58	5.00E+00	1.50E+01	5.40E+01	
SE3	11	L9246-03	4/27/2005	Co-60	-2.60E+01	2.00E+01	8.40E+01	
SE3	11	L9246-03	4/27/2005	Cs-134	1.70E+01	1.70E+01	5.80E+01	
SE3	11	L9246-03	4/27/2005	Cs-137	2.42E+02	3.20E+01	7.80E+01	*
SE3	11	L9246-03	4/27/2005	K-40	1.60E+04	8.10E+02	7.10E+02	*
SE3	11	L10140-03	11/1/2005	AcTh-228	1.00E+03	9.90E+01	3.30E+02	*
SE3	11	L10140-03	11/1/2005	Be-7	4.00E+01	1.70E+02	6.00E+02	
SE3	11	L10140-03	11/1/2005	Co-58	-1.00E+00	2.10E+01	7.80E+01	
SE3	11	L10140-03	11/1/2005	Co-60	2.10E+01	1.90E+01	6.80E+01	
SE3	11	L10140-03	11/1/2005	Cs-134	2.40E+01	1.80E+01	6.10E+01	
SE3	11	L10140-03	11/1/2005	Cs-137	1.50E+02	3.70E+01	1.10E+02	*
SE3	11	L10140-03	11/1/2005	K-40	1.65E+04	9.40E+02	1.00E+03	*
SE3	21	L9246-06	4/27/2005	AcTh-228	4.61E+02	5.40E+01	2.00E+02	*
SE3	21	L9246-06	4/27/2005	Be-7	3.00E+01	1.00E+02	3.50E+02	
SE3	21	L9246-06	4/27/2005	Co-58	-2.00E+00	1.10E+01	4.10E+01	
SE3	21	L9246-06	4/27/2005	Co-60	-7.00E+00	1.30E+01	5.10E+01	
SE3	21	L9246-06	4/27/2005	Cs-134	-1.20E+01	1.10E+01	4.10E+01	
SE3	21	L9246-06	4/27/2005	Cs-137	4.00E+01	1.60E+01	5.20E+01	
SE3	21	L9246-06	4/27/2005	K-40	1.59E+04	6.00E+02	4.80E+02	*
SE3	21	L10140-06	10/25/2005	AcTh-228	5.27E+02	5.70E+01	2.20E+02	*
SE3	21	L10140-06	10/25/2005	Be-7	9.00E+01	1.20E+02	4.10E+02	
SE3	21	L10140-06	10/25/2005	Co-58	-1.00E+01	1.60E+01	6.10E+01	
SE3	21	L10140-06	10/25/2005	Co-60	-3.00E+00	1.60E+01	6.00E+01	
SE3	21	L10140-06	10/25/2005	Cs-134	-2.00E+00	1.30E+01	4.70E+01	
SE3	21	L10140-06	10/25/2005	Cs-137	-5.00E+00	1.60E+01	5.80E+01	
SE3	21	L10140-06	10/25/2005	K-40	1.71E+04	6.80E+02	5.30E+02	*
SE3	91	L9246-09	5/4/2005	AcTh-228	1.44E+03	1.10E+02	3.70E+02	*
SE3	91	L9246-09	5/4/2005	Be-7	-2.50E+02	2.00E+02	7.60E+02	
SE3	91	L9246-09	5/4/2005	Co-58	6.00E+00	2.20E+01	7.90E+01	
SE3	91	L9246-09	5/4/2005	Co-60	2.00E+00	2.70E+01	1.00E+02	
SE3	91	L9246-09	5/4/2005	Cs-134	2.20E+01	2.60E+01	8.80E+01	
SE3	91	L9246-09	5/4/2005	Cs-137	1.07E+03	6.70E+01	1.20E+02	*
SE3	91	L9246-09	5/4/2005	K-40	2.13E+04	1.10E+03	1.20E+03	*
SE3	91	L10140-09	10/24/2005	AcTh-228	1.83E+03	9.10E+01	3.60E+02	*
SE3	91	L10140-09	10/24/2005	Be-7	1.90E+02	2.40E+02	8.00E+02	
SE3	91	L10140-09	10/24/2005	Co-58	-2.70E+01	2.70E+01	9.90E+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)
SE3	91	L10140-09	10/24/2005	Co-60	1.40E+01	2.40E+01	8.30E+01
SE3	91	L10140-09	10/24/2005	Cs-134	2.10E+01	2.30E+01	7.60E+01
SE3	91	L10140-09	10/24/2005	Cs-137	9.59E+02	5.00E+01	1.10E+02 *
SE3	91	L10140-09	10/24/2005	K-40	2.56E+04	8.30E+02	9.80E+02 *

* 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)
TF	11	L9799-01	8/24/2005	Co-58	9.00E+00	1.30E+01	4.60E+01
TF	11	L9799-01	8/24/2005	Co-60	-7.00E+00	8.80E+00	3.80E+01
TF	11	L9799-01	8/24/2005	Cs-134	8.00E+00	1.30E+01	4.70E+01
TF	11	L9799-01	8/24/2005	Cs-137	-1.30E+01	1.20E+01	4.60E+01
TF	11	L9799-01	8/24/2005	I-131	2.60E+02	9.60E+01	2.90E+02
TF	11	L9799-01	8/24/2005	K-40	7.40E+02	2.00E+02	5.30E+02 *
TF	13	L9799-02	8/24/2005	Co-58	-9.00E+00	1.30E+01	5.60E+01
TF	13	L9799-02	8/24/2005	Co-60	-5.00E+00	1.70E+01	6.80E+01
TF	13	L9799-02	8/24/2005	Cs-134	-2.70E+01	1.20E+01	5.90E+01
TF	13	L9799-02	8/24/2005	Cs-137	2.00E+00	1.20E+01	4.40E+01
TF	13	L9799-02	8/24/2005	I-131	2.20E+02	1.20E+02	3.70E+02
TF	13	L9799-02	8/24/2005	K-40	4.52E+03	4.40E+02	5.80E+02 *
TF	21	L9799-03	8/24/2005	Co-58	4.00E+00	1.40E+01	5.70E+01
TF	21	L9799-03	8/24/2005	Co-60	2.00E+00	1.50E+01	6.10E+01
TF	21	L9799-03	8/24/2005	Cs-134	-1.30E+01	1.20E+01	5.50E+01
TF	21	L9799-03	8/24/2005	Cs-137	-7.00E+00	1.20E+01	5.10E+01
TF	21	L9799-03	8/24/2005	I-131	0.00E+00	1.10E+02	4.10E+02
TF	21	L9799-03	8/24/2005	K-40	1.41E+03	3.30E+02	8.10E+02 *

* 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/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	11	L8761-03	1/25/2005	Ba-140	-1.50E+00	1.70E+00	7.20E+00
WG	11	L8761-03	1/25/2005	Co-58	1.80E+00	3.10E+00	1.10E+01
WG	11	L8761-03	1/25/2005	Co-60	1.50E+00	1.80E+00	6.20E+00
WG	11	L8761-03	1/25/2005	Cs-134	-6.00E-01	1.70E+00	6.40E+00
WG	11	L8761-03	1/25/2005	Cs-137	-2.10E+00	1.40E+00	5.50E+00
WG	11	L8761-03	1/25/2005	Fe-59	-7.00E-01	4.10E+00	1.50E+01
WG	11	L8761-03	1/25/2005	GROSS BETA	2.27E+00	9.40E-01	2.90E+00
WG	11	L8761-03	1/25/2005	H-3	-5.30E+01	7.10E+01	2.30E+02
WG	11	L8761-03	1/25/2005	I-131	2.60E+00	2.10E+00	6.90E+00
WG	11	L8761-03	1/25/2005	Mn-54	-1.30E+00	1.60E+00	5.90E+00
WG	11	L8761-03	1/25/2005	Zn-65	1.10E+00	8.30E+00	2.80E+01
WG	11	L8761-03	1/25/2005	Zr-95	-2.50E+00	2.90E+00	1.10E+01
WG	11	L8880-01	2/23/2005	Ba-140	4.00E-01	2.90E+00	1.10E+01
WG	11	L8880-01	2/23/2005	Co-58	-2.00E-01	1.50E+00	5.70E+00
WG	11	L8880-01	2/23/2005	Co-60	2.00E+00	1.60E+00	5.50E+00
WG	11	L8880-01	2/23/2005	Cs-134	1.90E+00	1.60E+00	5.60E+00
WG	11	L8880-01	2/23/2005	Cs-137	-2.30E+00	1.80E+00	6.90E+00
WG	11	L8880-01	2/23/2005	Fe-59	8.00E-01	4.50E+00	1.60E+01
WG	11	L8880-01	2/23/2005	GROSS BETA	4.50E+00	1.10E+00	2.90E+00 *
WG	11	L8880-01	2/23/2005	H-3	-5.00E+01	1.00E+02	3.20E+02
WG	11	L8880-01	2/23/2005	I-131	-1.40E+00	2.90E+00	1.00E+01
WG	11	L8880-01	2/23/2005	Mn-54	2.00E-01	1.60E+00	5.70E+00
WG	11	L8880-01	2/23/2005	Zn-65	4.00E-01	8.40E+00	2.90E+01
WG	11	L8880-01	2/23/2005	Zr-95	3.10E+00	2.70E+00	9.10E+00
WG	11	L9018-01	3/28/2005	Ba-140	3.50E+00	4.90E+00	1.90E+01
WG	11	L9018-01	3/28/2005	Co-58	9.00E-01	1.80E+00	7.00E+00
WG	11	L9018-01	3/28/2005	Co-60	-3.00E-01	1.70E+00	7.70E+00
WG	11	L9018-01	3/28/2005	Cs-134	1.00E-01	2.20E+00	8.50E+00
WG	11	L9018-01	3/28/2005	Cs-137	3.00E-01	2.10E+00	8.00E+00
WG	11	L9018-01	3/28/2005	Fe-59	-1.20E+00	6.60E+00	2.80E+01
WG	11	L9018-01	3/28/2005	GROSS BETA	3.70E+00	1.10E+00	3.10E+00 *
WG	11	L9018-01	3/28/2005	H-3	-1.10E+02	1.00E+02	3.20E+02
WG	11	L9018-01	3/28/2005	I-131	0.00E+00	7.40E+00	2.80E+01
WG	11	L9018-01	3/28/2005	Mn-54	-1.00E+00	1.90E+00	8.00E+00
WG	11	L9018-01	3/28/2005	Zn-65	1.20E+00	3.60E+00	1.40E+01
WG	11	L9018-01	3/28/2005	Zr-95	3.90E+00	4.10E+00	1.40E+01
WG	11	L9177-04	4/26/2005	Ba-140	4.60E+00	1.80E+00	5.50E+00
WG	11	L9177-04	4/26/2005	Co-58	1.00E-01	2.10E+00	7.10E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	11	L9177-04	4/26/2005	Co-60	0.00E+00	1.10E+00	4.10E+00
WG	11	L9177-04	4/26/2005	Cs-134	-1.60E+00	1.20E+00	4.60E+00
WG	11	L9177-04	4/26/2005	Cs-137	-4.50E+00	1.20E+00	4.90E+00
WG	11	L9177-04	4/26/2005	Fe-59	3.00E-01	3.00E+00	1.10E+01
WG	11	L9177-04	4/26/2005	GROSS BETA	1.99E+00	9.30E-01	3.00E+00
WG	11	L9177-04	4/26/2005	H-3	-1.63E+02	6.30E+01	2.00E+02
WG	11	L9177-04	4/26/2005	I-131	1.80E+00	2.00E+00	6.70E+00
WG	11	L9177-04	4/26/2005	Mn-54	-9.00E-01	1.10E+00	4.10E+00
WG	11	L9177-04	4/26/2005	Zn-65	5.90E+00	6.00E+00	2.00E+01
WG	11	L9177-04	4/26/2005	Zr-95	-5.00E-01	1.90E+00	6.90E+00
WG	11	L9332-04	5/27/2005	Ba-140	3.00E-01	2.60E+00	9.60E+00
WG	11	L9332-04	5/27/2005	Co-58	1.30E+00	2.00E+00	6.80E+00
WG	11	L9332-04	5/27/2005	Co-60	3.00E-01	1.90E+00	6.90E+00
WG	11	L9332-04	5/27/2005	Cs-134	-1.70E+00	1.90E+00	7.30E+00
WG	11	L9332-04	5/27/2005	Cs-137	-1.40E+00	1.90E+00	7.20E+00
WG	11	L9332-04	5/27/2005	Fe-59	-3.00E+00	4.40E+00	1.70E+01
WG	11	L9332-04	5/27/2005	GROSS BETA	2.84E+00	9.90E-01	2.90E+00
WG	11	L9332-04	5/27/2005	H-3	2.70E+01	9.90E+01	3.10E+02
WG	11	L9332-04	5/27/2005	I-131	-2.20E+00	3.50E+00	1.20E+01
WG	11	L9332-04	5/27/2005	Mn-54	-5.30E+00	1.90E+00	7.60E+00
WG	11	L9332-04	5/27/2005	Zn-65	-1.20E+00	8.30E+00	2.90E+01
WG	11	L9332-04	5/27/2005	Zr-95	-2.30E+00	3.50E+00	1.30E+01
WG	11	L9494-04	6/29/2005	Ba-140	-3.00E-01	3.20E+00	1.20E+01
WG	11	L9494-04	6/29/2005	Co-58	2.00E-01	2.00E+00	7.40E+00
WG	11	L9494-04	6/29/2005	Co-60	7.00E-01	2.30E+00	8.40E+00
WG	11	L9494-04	6/29/2005	Cs-134	-2.30E+00	2.10E+00	8.20E+00
WG	11	L9494-04	6/29/2005	Cs-137	-2.10E+00	1.90E+00	7.20E+00
WG	11	L9494-04	6/29/2005	Fe-59	-4.70E+00	5.40E+00	2.20E+01
WG	11	L9494-04	6/29/2005	GROSS BETA	4.30E+00	1.00E+00	2.70E+00 *
WG	11	L9494-04	6/29/2005	H-3	-3.00E+01	1.10E+02	3.70E+02
WG	11	L9494-04	6/29/2005	I-131	5.00E-01	3.20E+00	1.10E+01
WG	11	L9494-04	6/29/2005	Mn-54	1.70E+00	1.80E+00	6.10E+00
WG	11	L9494-04	6/29/2005	Zn-65	1.10E+00	8.50E+00	3.00E+01
WG	11	L9494-04	6/29/2005	Zr-95	3.90E+00	3.30E+00	1.10E+01
WG	11	L9663-04	7/27/2005	Ba-140	1.30E+00	2.00E+00	7.00E+00
WG	11	L9663-04	7/27/2005	Co-58	1.10E+00	1.10E+00	3.90E+00
WG	11	L9663-04	7/27/2005	Co-60	4.00E-01	1.10E+00	3.90E+00
WG	11	L9663-04	7/27/2005	Cs-134	1.10E+00	1.30E+00	4.30E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	11	L9663-04	7/27/2005	Cs-137	-4.00E-01	1.30E+00	4.50E+00
WG	11	L9663-04	7/27/2005	Fe-59	-5.80E+00	3.10E+00	1.20E+01
WG	11	L9663-04	7/27/2005	GROSS BETA	3.70E+00	1.00E+00	2.90E+00 *
WG	11	L9663-04	7/27/2005	H-3	9.20E+01	9.40E+01	3.00E+02
WG	11	L9663-04	7/27/2005	I-131	3.30E+00	3.10E+00	1.00E+01
WG	11	L9663-04	7/27/2005	Mn-54	-4.30E+00	1.10E+00	4.60E+00
WG	11	L9663-04	7/27/2005	Zn-65	7.10E+00	4.60E+00	1.50E+01
WG	11	L9663-04	7/27/2005	Zr-95	-2.00E-01	2.00E+00	6.90E+00
WG	11	L9800-04	8/24/2005	Ba-140	5.20E+00	6.10E+00	2.20E+01
WG	11	L9800-04	8/24/2005	Co-58	-2.60E+00	2.20E+00	9.10E+00
WG	11	L9800-04	8/24/2005	Co-60	-5.00E-01	2.20E+00	8.70E+00
WG	11	L9800-04	8/24/2005	Cs-134	-2.60E+00	2.70E+00	1.10E+01
WG	11	L9800-04	8/24/2005	Cs-137	3.20E+00	1.90E+00	6.30E+00
WG	11	L9800-04	8/24/2005	Fe-59	1.50E+00	6.40E+00	2.40E+01
WG	11	L9800-04	8/24/2005	GROSS BETA	4.60E+00	1.00E+00	2.70E+00 *
WG	11	L9800-04	8/24/2005	H-3	-5.70E+01	9.20E+01	3.00E+02
WG	11	L9800-04	8/24/2005	I-131	6.40E+00	6.50E+00	2.20E+01
WG	11	L9800-04	8/24/2005	Mn-54	1.90E+00	2.40E+00	8.30E+00
WG	11	L9800-04	8/24/2005	Zn-65	-9.90E+00	5.60E+00	2.30E+01
WG	11	L9800-04	8/24/2005	Zr-95	5.70E+00	4.40E+00	1.50E+01
WG	11	L9970-04	9/28/2005	Ba-140	1.00E+00	3.70E+00	1.40E+01
WG	11	L9970-04	9/28/2005	Co-58	-1.00E+00	2.20E+00	8.30E+00
WG	11	L9970-04	9/28/2005	Co-60	-3.00E+00	1.90E+00	8.00E+00
WG	11	L9970-04	9/28/2005	Cs-134	2.10E+00	2.20E+00	7.40E+00
WG	11	L9970-04	9/28/2005	Cs-137	-3.30E+00	1.80E+00	7.20E+00
WG	11	L9970-04	9/28/2005	Fe-59	1.40E+00	4.40E+00	1.60E+01
WG	11	L9970-04	9/28/2005	GROSS BETA	4.60E+00	1.10E+00	3.00E+00 *
WG	11	L9970-04	9/28/2005	H-3	-1.88E+02	9.50E+01	3.10E+02
WG	11	L9970-04	9/28/2005	I-131	-1.05E+01	4.40E+00	1.70E+01
WG	11	L9970-04	9/28/2005	Mn-54	0.00E+00	2.00E+00	7.10E+00
WG	11	L9970-04	9/28/2005	Zn-65	7.10E+00	7.10E+00	2.40E+01
WG	11	L9970-04	9/28/2005	Zr-95	1.60E+00	4.00E+00	1.40E+01
WG	11	L10141-04	11/1/2005	Ba-140	-1.40E+00	3.20E+00	1.30E+01
WG	11	L10141-04	11/1/2005	Co-58	-3.80E+00	2.00E+00	8.00E+00
WG	11	L10141-04	11/1/2005	Co-60	1.60E+00	1.50E+00	5.10E+00
WG	11	L10141-04	11/1/2005	Cs-134	1.10E+00	2.00E+00	7.10E+00
WG	11	L10141-04	11/1/2005	Cs-137	-2.00E+00	1.70E+00	6.60E+00
WG	11	L10141-04	11/1/2005	Fe-59	-1.80E+00	3.60E+00	1.40E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	
WG	11	L10141-04	11/1/2005	GROSS BETA	3.70E+00	1.00E+00	3.00E+00	*
WG	11	L10141-04	11/1/2005	H-3	-2.80E+01	9.20E+01	2.90E+02	
WG	11	L10141-04	11/1/2005	I-131	5.30E+00	5.00E+00	1.70E+01	
WG	11	L10141-04	11/1/2005	Mn-54	2.00E-01	1.90E+00	6.80E+00	
WG	11	L10141-04	11/1/2005	Zn-65	-2.80E+00	7.20E+00	2.60E+01	
WG	11	L10141-04	11/1/2005	Zr-95	5.00E-01	3.20E+00	1.20E+01	
WG	11	L10220-04	11/23/2005	Ba-140	-1.10E+00	3.00E+00	1.20E+01	
WG	11	L10220-04	11/23/2005	Co-58	-7.00E-01	1.80E+00	6.50E+00	
WG	11	L10220-04	11/23/2005	Co-60	-1.20E+00	1.80E+00	6.90E+00	
WG	11	L10220-04	11/23/2005	Cs-134	1.80E+00	1.70E+00	5.90E+00	
WG	11	L10220-04	11/23/2005	Cs-137	1.00E-01	1.50E+00	5.30E+00	
WG	11	L10220-04	11/23/2005	Fe-59	3.00E+00	3.60E+00	1.30E+01	
WG	11	L10220-04	11/23/2005	GROSS BETA	5.70E+00	1.20E+00	3.20E+00	*
WG	11	L10220-04	11/23/2005	H-3	-8.50E+01	9.10E+01	2.90E+02	
WG	11	L10220-04	11/23/2005	I-131	5.10E+00	4.50E+00	1.50E+01	
WG	11	L10220-04	11/23/2005	Mn-54	2.00E+00	1.70E+00	5.60E+00	
WG	11	L10220-04	11/23/2005	Zn-65	1.53E+01	6.60E+00	2.10E+01	
WG	11	L10220-04	11/23/2005	Zr-95	3.00E+00	3.30E+00	1.10E+01	
WG	11	L10355-04	12/29/2005	Ba-140	6.00E-01	3.40E+00	1.20E+01	
WG	11	L10355-04	12/29/2005	Co-58	-2.80E+00	2.00E+00	7.80E+00	
WG	11	L10355-04	12/29/2005	Co-60	5.00E-01	1.80E+00	6.40E+00	
WG	11	L10355-04	12/29/2005	Cs-134	-1.60E+00	2.00E+00	7.40E+00	
WG	11	L10355-04	12/29/2005	Cs-137	-4.70E+00	1.90E+00	7.50E+00	
WG	11	L10355-04	12/29/2005	Fe-59	-1.00E-01	4.20E+00	1.50E+01	
WG	11	L10355-04	12/29/2005	GROSS BETA	3.36E+00	9.90E-01	2.80E+00	*
WG	11	L10355-04	12/29/2005	H-3	-6.00E+01	1.10E+02	3.60E+02	
WG	11	L10355-04	12/29/2005	I-131	6.80E+00	4.20E+00	1.40E+01	
WG	11	L10355-04	12/29/2005	Mn-54	4.00E-01	1.80E+00	6.40E+00	
WG	11	L10355-04	12/29/2005	Zn-65	-2.20E+00	6.90E+00	2.40E+01	
WG	11	L10355-04	12/29/2005	Zr-95	2.80E+00	3.40E+00	1.20E+01	
WG	12	L8761-02	1/25/2005	Ba-140	2.00E-01	1.80E+00	7.70E+00	
WG	12	L8761-02	1/25/2005	Co-58	-2.60E+00	2.10E+00	8.90E+00	
WG	12	L8761-02	1/25/2005	Co-60	4.00E-01	1.80E+00	7.30E+00	
WG	12	L8761-02	1/25/2005	Cs-134	1.50E+00	1.90E+00	6.90E+00	
WG	12	L8761-02	1/25/2005	Cs-137	-3.00E-01	1.70E+00	6.80E+00	
WG	12	L8761-02	1/25/2005	Fe-59	1.50E+00	4.40E+00	1.80E+01	
WG	12	L8761-02	1/25/2005	GROSS BETA	8.20E+00	1.30E+00	3.20E+00	*
WG	12	L8761-02	1/25/2005	H-3	2.93E+02	7.30E+01	2.30E+02	*

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	12	L8761-02	1/25/2005	I-131	2.50E+00	1.90E+00	6.30E+00
WG	12	L8761-02	1/25/2005	Mn-54	-2.10E+00	2.10E+00	8.60E+00
WG	12	L8761-02	1/25/2005	Zn-65	-1.08E+01	4.80E+00	2.20E+01
WG	12	L8761-02	1/25/2005	Zr-95	-2.40E+00	3.00E+00	1.30E+01
WG	12	L8880-03	2/23/2005	Ba-140	-7.00E-01	2.20E+00	9.80E+00
WG	12	L8880-03	2/23/2005	Co-58	5.00E-01	1.60E+00	6.10E+00
WG	12	L8880-03	2/23/2005	Co-60	2.40E+00	1.30E+00	3.80E+00
WG	12	L8880-03	2/23/2005	Cs-134	-1.90E+00	1.70E+00	7.40E+00
WG	12	L8880-03	2/23/2005	Cs-137	2.50E+00	1.70E+00	5.70E+00
WG	12	L8880-03	2/23/2005	Fe-59	-3.50E+00	4.60E+00	2.00E+01
WG	12	L8880-03	2/23/2005	GROSS BETA	6.40E+00	1.30E+00	3.60E+00 *
WG	12	L8880-03	2/23/2005	H-3	3.70E+02	1.00E+02	3.20E+02 *
WG	12	L8880-03	2/23/2005	I-131	3.00E+00	2.50E+00	8.50E+00
WG	12	L8880-03	2/23/2005	Mn-54	5.00E-01	1.50E+00	5.60E+00
WG	12	L8880-03	2/23/2005	Zn-65	-8.00E-01	3.90E+00	1.50E+01
WG	12	L8880-03	2/23/2005	Zr-95	2.10E+00	2.90E+00	1.00E+01
WG	12	L9018-02	3/28/2005	Ba-140	-2.60E+00	4.50E+00	2.40E+01
WG	12	L9018-02	3/28/2005	Co-58	4.00E-01	2.20E+00	9.10E+00
WG	12	L9018-02	3/28/2005	Co-60	-2.40E+00	2.60E+00	1.30E+01
WG	12	L9018-02	3/28/2005	Cs-134	-3.90E+00	2.70E+00	1.30E+01
WG	12	L9018-02	3/28/2005	Cs-137	-6.00E-01	2.10E+00	9.10E+00
WG	12	L9018-02	3/28/2005	Fe-59	1.80E+00	8.00E+00	3.30E+01
WG	12	L9018-02	3/28/2005	GROSS BETA	5.80E+00	1.20E+00	3.20E+00 *
WG	12	L9018-02	3/28/2005	H-3	5.00E+01	1.00E+02	3.20E+02
WG	12	L9018-02	3/28/2005	I-131	1.47E+01	7.80E+00	2.40E+01
WG	12	L9018-02	3/28/2005	Mn-54	-2.90E+00	2.50E+00	1.10E+01
WG	12	L9018-02	3/28/2005	Zn-65	7.00E+00	3.50E+00	4.70E+00
WG	12	L9018-02	3/28/2005	Zr-95	7.80E+00	3.80E+00	1.10E+01
WG	12	L9177-05	4/26/2005	Ba-140	-1.00E+00	1.80E+00	7.60E+00
WG	12	L9177-05	4/26/2005	Co-58	-6.00E-01	1.40E+00	5.40E+00
WG	12	L9177-05	4/26/2005	Co-60	0.00E+00	1.70E+00	6.70E+00
WG	12	L9177-05	4/26/2005	Cs-134	1.30E+00	1.40E+00	4.90E+00
WG	12	L9177-05	4/26/2005	Cs-137	-9.00E-01	1.60E+00	6.20E+00
WG	12	L9177-05	4/26/2005	Fe-59	-7.00E-01	3.40E+00	1.40E+01
WG	12	L9177-05	4/26/2005	GROSS BETA	9.60E+00	1.30E+00	3.10E+00 *
WG	12	L9177-05	4/26/2005	H-3	1.91E+02	6.60E+01	2.00E+02
WG	12	L9177-05	4/26/2005	I-131	7.00E-01	1.50E+00	5.50E+00
WG	12	L9177-05	4/26/2005	Mn-54	-3.00E-01	1.50E+00	5.70E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	12	L9177-05	4/26/2005	Zn-65	-6.10E+00	3.50E+00	1.50E+01
WG	12	L9177-05	4/26/2005	Zr-95	3.80E+00	2.30E+00	7.20E+00
WG	12	L9332-05	5/27/2005	Ba-140	3.70E+00	2.80E+00	9.60E+00
WG	12	L9332-05	5/27/2005	Co-58	-1.40E+00	1.90E+00	7.50E+00
WG	12	L9332-05	5/27/2005	Co-60	-1.00E+00	2.10E+00	8.60E+00
WG	12	L9332-05	5/27/2005	Cs-134	2.60E+00	2.00E+00	6.90E+00
WG	12	L9332-05	5/27/2005	Cs-137	-3.80E+00	2.20E+00	8.90E+00
WG	12	L9332-05	5/27/2005	Fe-59	0.00E+00	5.00E+00	2.00E+01
WG	12	L9332-05	5/27/2005	GROSS BETA	5.40E+00	1.20E+00	3.20E+00 *
WG	12	L9332-05	5/27/2005	H-3	5.10E+02	1.00E+02	3.20E+02 *
WG	12	L9332-05	5/27/2005	I-131	1.02E+01	3.80E+00	1.20E+01
WG	12	L9332-05	5/27/2005	Mn-54	-1.70E+00	2.00E+00	7.90E+00
WG	12	L9332-05	5/27/2005	Zn-65	-1.06E+01	5.30E+00	2.20E+01
WG	12	L9332-05	5/27/2005	Zr-95	1.20E+00	3.80E+00	1.40E+01
WG	12	L9494-05	6/29/2005	Ba-140	5.00E+00	3.70E+00	1.20E+01
WG	12	L9494-05	6/29/2005	Co-58	2.30E+00	2.60E+00	9.20E+00
WG	12	L9494-05	6/29/2005	Co-60	6.00E-01	2.80E+00	1.20E+01
WG	12	L9494-05	6/29/2005	Cs-134	-4.70E+00	2.80E+00	1.30E+01
WG	12	L9494-05	6/29/2005	Cs-137	1.30E+00	2.40E+00	8.90E+00
WG	12	L9494-05	6/29/2005	Fe-59	5.10E+00	8.80E+00	3.30E+01
WG	12	L9494-05	6/29/2005	GROSS BETA	4.00E+00	1.10E+00	3.10E+00 *
WG	12	L9494-05	6/29/2005	H-3	1.19E+03	1.00E+02	3.00E+02 *
WG	12	L9494-05	6/29/2005	I-131	2.60E+00	5.20E+00	1.80E+01
WG	12	L9494-05	6/29/2005	Mn-54	-1.50E+00	2.60E+00	1.10E+01
WG	12	L9494-05	6/29/2005	Zn-65	3.40E+00	4.90E+00	1.80E+01
WG	12	L9494-05	6/29/2005	Zr-95	6.50E+00	4.30E+00	1.40E+01
WG	12	L9663-05	7/27/2005	Ba-140	4.00E-01	3.40E+00	1.30E+01
WG	12	L9663-05	7/27/2005	Co-58	2.10E+00	1.80E+00	6.00E+00
WG	12	L9663-05	7/27/2005	Co-60	8.00E-01	2.20E+00	7.70E+00
WG	12	L9663-05	7/27/2005	Cs-134	-2.80E+00	1.80E+00	7.20E+00
WG	12	L9663-05	7/27/2005	Cs-137	-2.10E+00	1.70E+00	6.50E+00
WG	12	L9663-05	7/27/2005	Fe-59	4.20E+00	5.10E+00	1.80E+01
WG	12	L9663-05	7/27/2005	GROSS BETA	5.80E+00	1.20E+00	3.20E+00 *
WG	12	L9663-05	7/27/2005	H-3	8.30E+01	9.40E+01	3.00E+02
WG	12	L9663-05	7/27/2005	I-131	4.00E-01	3.50E+00	1.20E+01
WG	12	L9663-05	7/27/2005	Mn-54	-2.30E+00	1.70E+00	6.50E+00
WG	12	L9663-05	7/27/2005	Zn-65	-5.00E-01	3.70E+00	1.40E+01
WG	12	L9663-05	7/27/2005	Zr-95	3.30E+00	3.00E+00	1.00E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	12	L9800-05	8/24/2005	Ba-140	1.20E+00	4.50E+00	1.70E+01
WG	12	L9800-05	8/24/2005	Co-58	2.00E+00	2.40E+00	8.20E+00
WG	12	L9800-05	8/24/2005	Co-60	-2.20E+00	2.20E+00	9.20E+00
WG	12	L9800-05	8/24/2005	Cs-134	2.20E+00	2.10E+00	7.20E+00
WG	12	L9800-05	8/24/2005	Cs-137	1.50E+00	2.00E+00	7.10E+00
WG	12	L9800-05	8/24/2005	Fe-59	-6.00E+00	6.40E+00	2.70E+01
WG	12	L9800-05	8/24/2005	GROSS BETA	4.20E+00	1.20E+00	3.40E+00 *
WG	12	L9800-05	8/24/2005	H-3	1.73E+03	1.00E+02	3.00E+02 *
WG	12	L9800-05	8/24/2005	I-131	1.00E-01	5.40E+00	2.00E+01
WG	12	L9800-05	8/24/2005	Mn-54	3.00E+00	1.90E+00	6.30E+00
WG	12	L9800-05	8/24/2005	Zn-65	3.40E+00	5.20E+00	1.80E+01
WG	12	L9800-05	8/24/2005	Zr-95	-5.00E-01	4.00E+00	1.50E+01
WG	12	L9970-05	9/28/2005	Ba-140	3.00E+00	4.10E+00	1.50E+01
WG	12	L9970-05	9/28/2005	Co-58	1.60E+00	1.50E+00	5.10E+00
WG	12	L9970-05	9/28/2005	Co-60	9.00E-01	1.80E+00	6.60E+00
WG	12	L9970-05	9/28/2005	Cs-134	-2.50E+00	1.80E+00	7.10E+00
WG	12	L9970-05	9/28/2005	Cs-137	6.00E-01	1.60E+00	5.80E+00
WG	12	L9970-05	9/28/2005	Fe-59	1.90E+00	3.90E+00	1.40E+01
WG	12	L9970-05	9/28/2005	GROSS BETA	4.80E+00	1.20E+00	3.20E+00 *
WG	12	L9970-05	9/28/2005	H-3	1.75E+03	1.10E+02	3.10E+02 *
WG	12	L9970-05	9/28/2005	I-131	1.40E+00	3.70E+00	1.30E+01
WG	12	L9970-05	9/28/2005	Mn-54	-4.00E-01	1.80E+00	6.50E+00
WG	12	L9970-05	9/28/2005	Zn-65	-4.20E+00	4.20E+00	1.60E+01
WG	12	L9970-05	9/28/2005	Zr-95	-1.00E-01	3.10E+00	1.10E+01
WG	12	L10141-05	11/1/2005	Ba-140	6.80E+00	3.80E+00	1.20E+01
WG	12	L10141-05	11/1/2005	Co-58	4.70E+00	2.30E+00	7.20E+00
WG	12	L10141-05	11/1/2005	Co-60	-1.90E+00	2.00E+00	8.10E+00
WG	12	L10141-05	11/1/2005	Cs-134	5.00E-01	1.90E+00	7.10E+00
WG	12	L10141-05	11/1/2005	Cs-137	-2.90E+00	1.70E+00	6.90E+00
WG	12	L10141-05	11/1/2005	Fe-59	8.00E-01	4.50E+00	1.70E+01
WG	12	L10141-05	11/1/2005	GROSS BETA	6.80E+00	1.20E+00	3.00E+00 *
WG	12	L10141-05	11/1/2005	H-3	7.01E+03	1.30E+02	2.90E+02 *
WG	12	L10141-05	11/1/2005	I-131	8.90E+00	4.50E+00	1.40E+01
WG	12	L10141-05	11/1/2005	Mn-54	-1.40E+00	2.30E+00	8.70E+00
WG	12	L10141-05	11/1/2005	Zn-65	-6.50E+00	4.50E+00	1.80E+01
WG	12	L10141-05	11/1/2005	Zr-95	2.80E+00	4.10E+00	1.40E+01
WG	12	L10220-05	11/23/2005	Ba-140	2.30E+00	3.50E+00	1.30E+01
WG	12	L10220-05	11/23/2005	Co-58	4.70E+00	2.20E+00	6.80E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	12	L10220-05	11/23/2005	Co-60	4.50E+00	2.10E+00	6.50E+00
WG	12	L10220-05	11/23/2005	Cs-134	-1.50E+00	2.20E+00	8.60E+00
WG	12	L10220-05	11/23/2005	Cs-137	4.00E+00	2.10E+00	6.60E+00
WG	12	L10220-05	11/23/2005	Fe-59	2.20E+00	4.40E+00	1.60E+01
WG	12	L10220-05	11/23/2005	GROSS BETA	4.60E+00	1.10E+00	3.10E+00 *
WG	12	L10220-05	11/23/2005	H-3	5.05E+03	1.20E+02	2.90E+02 *
WG	12	L10220-05	11/23/2005	I-131	-1.90E+00	4.20E+00	1.50E+01
WG	12	L10220-05	11/23/2005	Mn-54	-1.40E+00	2.10E+00	8.20E+00
WG	12	L10220-05	11/23/2005	Zn-65	6.00E-01	5.50E+00	2.00E+01
WG	12	L10220-05	11/23/2005	Zr-95	3.10E+00	4.20E+00	1.50E+01
WG	12	L10355-05	12/28/2005	Ba-140	-1.20E+00	2.80E+00	1.10E+01
WG	12	L10355-05	12/28/2005	Co-58	-1.30E+00	1.60E+00	6.10E+00
WG	12	L10355-05	12/28/2005	Co-60	3.00E-01	1.90E+00	6.90E+00
WG	12	L10355-05	12/28/2005	Cs-134	-1.30E+00	1.60E+00	6.00E+00
WG	12	L10355-05	12/28/2005	Cs-137	-3.00E-01	1.40E+00	5.30E+00
WG	12	L10355-05	12/28/2005	Fe-59	-4.40E+00	3.30E+00	1.30E+01
WG	12	L10355-05	12/28/2005	GROSS BETA	3.40E+00	1.10E+00	3.40E+00 *
WG	12	L10355-05	12/28/2005	H-3	3.72E+03	1.40E+02	3.60E+02 *
WG	12	L10355-05	12/28/2005	I-131	-4.30E+00	4.10E+00	1.50E+01
WG	12	L10355-05	12/28/2005	Mn-54	-8.00E-01	1.40E+00	5.40E+00
WG	12	L10355-05	12/28/2005	Zn-65	-2.90E+00	3.50E+00	1.40E+01
WG	12	L10355-05	12/28/2005	Zr-95	-3.00E+00	3.20E+00	1.20E+01

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

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	11	L8935-01	3/9/2005	Ba-140	-5.00E-01	2.10E+00	9.60E+00
WR	11	L8935-01	3/9/2005	Co-58	-2.90E+00	1.70E+00	7.50E+00
WR	11	L8935-01	3/9/2005	Co-60	-2.60E+00	2.00E+00	8.90E+00
WR	11	L8935-01	3/9/2005	Cs-134	-1.70E+00	2.10E+00	8.60E+00
WR	11	L8935-01	3/9/2005	Cs-137	-7.00E-01	1.50E+00	6.20E+00
WR	11	L8935-01	3/9/2005	Fe-59	0.00E+00	5.00E+00	2.00E+01
WR	11	L8935-01	3/9/2005	GROSS BETA	2.93E+00	9.80E-01	3.00E+00
WR	11	L8935-01	3/9/2005	H-3	1.90E+02	3.20E+02	1.00E+03
WR	11	L8935-01	3/9/2005	I-131	5.00E-01	2.30E+00	8.60E+00
WR	11	L8935-01	3/9/2005	Mn-54	-1.00E-01	1.60E+00	6.30E+00
WR	11	L8935-01	3/9/2005	Zn-65	-9.00E-01	3.70E+00	1.50E+01
WR	11	L8935-01	3/9/2005	Zr-95	3.00E+00	3.20E+00	1.10E+01
WR	11	L9008-01	3/22/2005	Ba-140	3.00E-01	2.60E+00	1.20E+01
WR	11	L9008-01	3/22/2005	Co-58	-8.00E-01	1.30E+00	6.00E+00
WR	11	L9008-01	3/22/2005	Co-60	-3.00E-01	1.80E+00	7.80E+00
WR	11	L9008-01	3/22/2005	Cs-134	-7.00E-01	2.10E+00	8.60E+00
WR	11	L9008-01	3/22/2005	Cs-137	4.00E-01	1.30E+00	5.20E+00
WR	11	L9008-01	3/22/2005	Fe-59	1.70E+00	5.10E+00	2.00E+01
WR	11	L9008-01	3/22/2005	GROSS BETA	2.70E+00	9.60E-01	2.90E+00
WR	11	L9108-03	3/22/2005	H-3	-4.80E+02	3.10E+02	1.10E+03
WR	11	L9008-01	3/22/2005	H-3	-1.10E+02	3.10E+02	1.00E+03
WR	11	L9008-01	3/22/2005	I-131	1.20E+00	4.80E+00	1.80E+01
WR	11	L9008-01	3/22/2005	Mn-54	1.90E+00	1.50E+00	5.00E+00
WR	11	L9008-01	3/22/2005	Zn-65	5.30E+00	3.90E+00	1.30E+01
WR	11	L9008-01	3/22/2005	Zr-95	3.30E+00	3.20E+00	1.10E+01
WR	11	L9177-01	4/26/2005	Ba-140	2.40E+00	1.80E+00	6.20E+00
WR	11	L9177-01	4/26/2005	Co-58	-1.40E+00	1.20E+00	5.10E+00
WR	11	L9177-01	4/26/2005	Co-60	6.00E-01	1.30E+00	5.00E+00
WR	11	L9177-01	4/26/2005	Cs-134	2.00E-01	1.50E+00	5.70E+00
WR	11	L9177-01	4/26/2005	Cs-137	-5.00E-01	1.40E+00	5.40E+00
WR	11	L9177-01	4/26/2005	Fe-59	3.10E+00	3.60E+00	1.30E+01
WR	11	L9177-01	4/26/2005	GROSS BETA	1.95E+00	8.80E-01	2.70E+00
WR	11	L9177-01	4/26/2005	H-3	-4.20E+02	3.10E+02	1.10E+03
WR	11	L9177-01	4/26/2005	I-131	-2.00E-01	1.70E+00	6.30E+00
WR	11	L9177-01	4/26/2005	Mn-54	-1.10E+00	1.40E+00	5.70E+00
WR	11	L9177-01	4/26/2005	Zn-65	-5.40E+00	2.50E+00	1.20E+01
WR	11	L9177-01	4/26/2005	Zr-95	-6.00E-01	2.10E+00	8.40E+00
WR	11	L9332-01	5/25/2005	Ba-140	3.90E+00	3.70E+00	1.30E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	11	L9332-01	5/25/2005	Co-58	-3.50E+00	2.20E+00	8.80E+00
WR	11	L9332-01	5/25/2005	Co-60	-1.80E+00	2.60E+00	1.00E+01
WR	11	L9332-01	5/25/2005	Cs-134	-1.00E-01	2.30E+00	8.60E+00
WR	11	L9332-01	5/25/2005	Cs-137	3.60E+00	1.80E+00	5.90E+00
WR	11	L9332-01	5/25/2005	Fe-59	-3.80E+00	5.30E+00	2.20E+01
WR	11	L9332-01	5/25/2005	GROSS BETA	1.41E+00	8.40E-01	2.70E+00
WR	11	L9332-01	5/25/2005	H-3	2.20E+02	3.10E+02	1.00E+03
WR	11	L9332-01	5/25/2005	I-131	2.00E+00	3.90E+00	1.30E+01
WR	11	L9332-01	5/25/2005	Mn-54	-2.50E+00	2.40E+00	9.10E+00
WR	11	L9332-01	5/25/2005	Zn-65	3.90E+00	5.00E+00	1.80E+01
WR	11	L9332-01	5/25/2005	Zr-95	-1.50E+00	3.50E+00	1.30E+01
WR	11	L9494-01	6/27/2005	Ba-140	0.00E+00	3.20E+00	1.40E+01
WR	11	L9494-01	6/27/2005	Co-58	7.00E-01	2.70E+00	1.00E+01
WR	11	L9494-01	6/27/2005	Co-60	8.00E+00	3.50E+00	1.10E+01
WR	11	L9494-01	6/27/2005	Cs-134	2.20E+00	2.80E+00	9.90E+00
WR	11	L9494-01	6/27/2005	Cs-137	1.90E+00	2.10E+00	7.50E+00
WR	11	L9494-01	6/27/2005	Fe-59	-9.70E+00	8.20E+00	3.40E+01
WR	11	L9494-01	6/27/2005	GROSS BETA	1.11E+00	8.20E-01	2.70E+00
WR	11	L9600-01	6/27/2005	H-3	-8.70E+02	3.70E+02	1.30E+03
WR	11	L9494-01	6/27/2005	H-3	4.60E+02	4.90E+02	1.50E+03
WR	11	L9494-01	6/27/2005	I-131	7.80E+00	4.30E+00	1.40E+01
WR	11	L9494-01	6/27/2005	Mn-54	3.20E+00	2.10E+00	6.80E+00
WR	11	L9494-01	6/27/2005	Zn-65	-7.40E+00	5.10E+00	2.20E+01
WR	11	L9494-01	6/27/2005	Zr-95	4.70E+00	4.20E+00	1.40E+01
WR	11	L9663-01	7/27/2005	Ba-140	-1.20E+00	2.70E+00	1.00E+01
WR	11	L9663-01	7/27/2005	Co-58	-2.40E+00	1.30E+00	5.10E+00
WR	11	L9663-01	7/27/2005	Co-60	2.30E+00	1.40E+00	4.40E+00
WR	11	L9663-01	7/27/2005	Cs-134	4.00E-01	1.40E+00	4.90E+00
WR	11	L9663-01	7/27/2005	Cs-137	-1.10E+00	1.40E+00	5.10E+00
WR	11	L9663-01	7/27/2005	Fe-59	-1.00E-01	4.20E+00	1.50E+01
WR	11	L9663-01	7/27/2005	GROSS BETA	1.53E+00	8.80E-01	2.90E+00
WR	11	L9663-01	7/27/2005	H-3	-1.90E+02	4.50E+02	1.40E+03
WR	11	L9663-01	7/27/2005	I-131	-1.20E+00	3.10E+00	1.10E+01
WR	11	L9663-01	7/27/2005	Mn-54	-7.00E-01	1.30E+00	4.90E+00
WR	11	L9663-01	7/27/2005	Zn-65	-1.40E+00	3.00E+00	1.10E+01
WR	11	L9663-01	7/27/2005	Zr-95	1.50E+00	2.50E+00	8.70E+00
WR	11	L9800-01	8/24/2005	Ba-140	2.10E+00	5.10E+00	1.90E+01
WR	11	L9800-01	8/24/2005	Co-58	1.30E+00	2.20E+00	7.80E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	11	L9800-01	8/24/2005	Co-60	2.70E+00	2.50E+00	8.40E+00
WR	11	L9800-01	8/24/2005	Cs-134	1.10E+00	1.90E+00	6.90E+00
WR	11	L9800-01	8/24/2005	Cs-137	-1.30E+00	2.40E+00	8.90E+00
WR	11	L9800-01	8/24/2005	Fe-59	-9.90E+00	6.50E+00	2.80E+01
WR	11	L9800-01	8/24/2005	GROSS BETA	2.99E+00	9.60E-01	2.80E+00 *
WR	11	L9800-01	8/24/2005	H-3	-6.90E+02	3.60E+02	1.20E+03
WR	11	L9800-01	8/24/2005	I-131	3.80E+00	6.00E+00	2.10E+01
WR	11	L9800-01	8/24/2005	Mn-54	1.30E+00	1.90E+00	6.80E+00
WR	11	L9800-01	8/24/2005	Zn-65	-8.00E-01	3.90E+00	1.50E+01
WR	11	L9800-01	8/24/2005	Zr-95	-7.00E-01	3.50E+00	1.30E+01
WR	11	L9970-01	9/27/2005	Ba-140	1.70E+00	4.10E+00	1.50E+01
WR	11	L9970-01	9/27/2005	Co-58	1.30E+00	1.70E+00	6.00E+00
WR	11	L9970-01	9/27/2005	Co-60	4.00E-01	2.00E+00	7.50E+00
WR	11	L9970-01	9/27/2005	Cs-134	-1.90E+00	1.70E+00	7.00E+00
WR	11	L9970-01	9/27/2005	Cs-137	2.00E+00	1.90E+00	6.40E+00
WR	11	L9970-01	9/27/2005	Fe-59	9.70E+00	3.40E+00	9.00E+00
WR	11	L9970-01	9/27/2005	GROSS BETA	1.71E+00	8.60E-01	2.70E+00
WR	11	L10042-01	9/27/2005	H-3	1.00E+02	3.80E+02	1.20E+03
WR	11	L9970-01	9/27/2005	H-3	1.60E+02	4.60E+02	1.40E+03
WR	11	L9970-01	9/27/2005	I-131	5.60E+00	5.60E+00	1.90E+01
WR	11	L9970-01	9/27/2005	Mn-54	1.50E+00	1.80E+00	6.30E+00
WR	11	L9970-01	9/27/2005	Zn-65	1.30E+00	3.90E+00	1.40E+01
WR	11	L9970-01	9/27/2005	Zr-95	0.00E+00	3.00E+00	1.10E+01
WR	11	L10141-01	10/31/2005	Ba-140	-6.60E+00	3.80E+00	1.80E+01
WR	11	L10141-01	10/31/2005	Co-58	-1.50E+00	2.20E+00	8.60E+00
WR	11	L10141-01	10/31/2005	Co-60	-5.40E+00	2.50E+00	1.10E+01
WR	11	L10141-01	10/31/2005	Cs-134	7.00E-01	1.80E+00	6.90E+00
WR	11	L10141-01	10/31/2005	Cs-137	-1.00E+00	2.10E+00	8.00E+00
WR	11	L10141-01	10/31/2005	Fe-59	1.80E+00	5.30E+00	1.90E+01
WR	11	L10141-01	10/31/2005	GROSS BETA	1.79E+00	9.50E-01	3.00E+00
WR	11	L10141-01	10/31/2005	H-3	-4.00E+01	3.80E+02	1.20E+03
WR	11	L10141-01	10/31/2005	I-131	-2.00E+00	6.10E+00	2.20E+01
WR	11	L10141-01	10/31/2005	Mn-54	-2.70E+00	2.20E+00	8.70E+00
WR	11	L10141-01	10/31/2005	Zn-65	1.70E+00	5.00E+00	1.80E+01
WR	11	L10141-01	10/31/2005	Zr-95	-4.50E+00	3.50E+00	1.40E+01
WR	11	L10220-01	11/23/2005	Ba-140	0.00E+00	3.20E+00	1.20E+01
WR	11	L10220-01	11/23/2005	Co-58	-1.30E+00	1.80E+00	6.90E+00
WR	11	L10220-01	11/23/2005	Co-60	-3.00E-01	1.90E+00	7.30E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	11	L10220-01	11/23/2005	Cs-134	5.00E-01	2.20E+00	7.80E+00
WR	11	L10220-01	11/23/2005	Cs-137	1.50E+00	1.70E+00	6.00E+00
WR	11	L10220-01	11/23/2005	Fe-59	0.00E+00	3.80E+00	1.40E+01
WR	11	L10220-01	11/23/2005	GROSS BETA	2.50E-01	8.10E-01	2.80E+00
WR	11	L10220-01	11/23/2005	H-3	-7.00E+01	4.90E+02	1.50E+03
WR	11	L10220-01	11/23/2005	I-131	-5.00E-01	2.60E+00	9.40E+00
WR	11	L10220-01	11/23/2005	Mn-54	1.20E+00	1.90E+00	6.80E+00
WR	11	L10220-01	11/23/2005	Zn-65	1.18E+01	8.10E+00	2.70E+01
WR	11	L10220-01	11/23/2005	Zr-95	8.00E+00	3.20E+00	1.00E+01
WR	11	L10355-01	12/29/2005	Ba-140	-3.90E+00	3.80E+00	1.60E+01
WR	11	L10355-01	12/29/2005	Co-58	3.00E-01	1.80E+00	6.80E+00
WR	11	L10355-01	12/29/2005	Co-60	-1.30E+00	1.80E+00	7.40E+00
WR	11	L10355-01	12/29/2005	Cs-134	-1.80E+00	2.00E+00	7.80E+00
WR	11	L10355-01	12/29/2005	Cs-137	-2.20E+00	2.00E+00	7.60E+00
WR	11	L10355-01	12/29/2005	Fe-59	2.80E+00	3.70E+00	1.30E+01
WR	11	L10355-01	12/29/2005	GROSS BETA	1.08E+00	8.60E-01	2.90E+00
WR	11	L10355-01	12/29/2005	H-3	6.80E+02	4.90E+02	1.50E+03
WR	11	L10461-01	12/29/2005	H-3	-5.20E+02	4.40E+02	1.40E+03
WR	11	L10355-01	12/29/2005	I-131	-2.70E+00	4.70E+00	1.70E+01
WR	11	L10355-01	12/29/2005	Mn-54	-1.90E+00	2.10E+00	8.10E+00
WR	11	L10355-01	12/29/2005	Zn-65	-4.80E+00	3.80E+00	1.60E+01
WR	11	L10355-01	12/29/2005	Zr-95	-2.00E-01	3.40E+00	1.30E+01
WR	21	L8761-01	1/25/2005	Ba-140	-7.00E-01	2.50E+00	1.00E+01
WR	21	L8761-01	1/25/2005	Co-58	-3.30E+00	1.30E+00	6.80E+00
WR	21	L8761-01	1/25/2005	Co-60	1.00E+00	1.80E+00	7.00E+00
WR	21	L8761-01	1/25/2005	Cs-134	2.60E+00	1.80E+00	5.80E+00
WR	21	L8761-01	1/25/2005	Cs-137	1.20E+00	2.10E+00	7.60E+00
WR	21	L8761-01	1/25/2005	Fe-59	6.00E+00	5.00E+00	1.70E+01
WR	21	L8761-01	1/25/2005	GROSS BETA	2.00E+00	8.90E-01	2.80E+00
WR	21	L8761-01	1/25/2005	H-3	1.80E+02	3.30E+02	1.10E+03
WR	21	L8761-01	1/25/2005	I-131	-2.40E+00	1.70E+00	7.10E+00
WR	21	L8761-01	1/25/2005	Mn-54	-1.10E+00	1.40E+00	6.00E+00
WR	21	L8761-01	1/25/2005	Zn-65	-5.90E+00	4.40E+00	1.90E+01
WR	21	L8761-01	1/25/2005	Zr-95	1.50E+00	2.90E+00	1.10E+01
WR	21	L8880-02	2/23/2005	Ba-140	-6.90E+00	3.40E+00	1.50E+01
WR	21	L8880-02	2/23/2005	Co-58	6.00E-01	1.70E+00	6.30E+00
WR	21	L8880-02	2/23/2005	Co-60	2.90E+00	1.60E+00	5.00E+00
WR	21	L8880-02	2/23/2005	Cs-134	-3.00E+00	1.60E+00	7.40E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	21	L8880-02	2/23/2005	Cs-137	-2.70E+00	1.50E+00	6.70E+00
WR	21	L8880-02	2/23/2005	Fe-59	6.00E-01	4.00E+00	1.60E-01
WR	21	L8880-02	2/23/2005	GROSS BETA	9.20E-01	8.70E-01	2.90E+00
WR	21	L8880-02	2/23/2005	H-3	3.70E+02	3.30E+02	1.10E+03
WR	21	L8880-02	2/23/2005	I-131	-2.00E-01	2.50E+00	9.30E+00
WR	21	L8880-02	2/23/2005	Mn-54	-4.00E-01	1.40E+00	5.70E+00
WR	21	L8880-02	2/23/2005	Zn-65	-9.00E-01	2.90E+00	1.20E+01
WR	21	L8880-02	2/23/2005	Zr-95	0.00E+00	3.40E+00	1.30E+01
WR	21	L9018-03	3/28/2005	Ba-140	1.30E+00	3.00E+00	1.30E+01
WR	21	L9018-03	3/28/2005	Co-58	1.30E+00	1.70E+00	6.20E+00
WR	21	L9018-03	3/28/2005	Co-60	-2.10E+00	1.50E+00	7.40E+00
WR	21	L9018-03	3/28/2005	Cs-134	1.30E+00	1.40E+00	5.20E+00
WR	21	L9018-03	3/28/2005	Cs-137	1.00E-01	1.60E+00	6.30E+00
WR	21	L9018-03	3/28/2005	Fe-59	-5.10E+00	4.50E+00	2.20E+01
WR	21	L9018-03	3/28/2005	GROSS BETA	-2.00E-02	7.00E-01	2.60E+00
WR	21	L9018-03	3/28/2005	H-3	-5.00E+01	3.10E+02	1.00E+03
WR	21	L9108-01	3/28/2005	H-3	2.50E+02	3.30E+02	1.10E+03
WR	21	L9018-03	3/28/2005	I-131	5.80E+00	6.60E+00	2.30E+01
WR	21	L9018-03	3/28/2005	Mn-54	4.00E-01	1.70E+00	6.60E+00
WR	21	L9018-03	3/28/2005	Zn-65	-1.30E+00	2.30E+00	1.10E+01
WR	21	L9018-03	3/28/2005	Zr-95	2.30E+00	2.80E+00	1.00E+01
WR	21	L9177-02	4/26/2005	Ba-140	-4.00E-01	1.20E+00	4.60E+00
WR	21	L9177-02	4/26/2005	Co-58	-5.80E-01	7.30E-01	2.80E+00
WR	21	L9177-02	4/26/2005	Co-60	5.10E-01	7.80E-01	2.80E+00
WR	21	L9177-02	4/26/2005	Cs-134	-1.05E+00	7.70E-01	3.00E+00
WR	21	L9177-02	4/26/2005	Cs-137	-9.20E-01	8.70E-01	3.30E+00
WR	21	L9177-02	4/26/2005	Fe-59	-3.80E+00	2.00E+00	8.50E-00
WR	21	L9177-02	4/26/2005	GROSS BETA	8.70E-01	8.50E-01	2.90E+00
WR	21	L9177-02	4/26/2005	H-3	-5.00E+01	3.20E+02	1.10E+03
WR	21	L9177-02	4/26/2005	I-131	1.60E+00	1.40E+00	4.70E+00
WR	21	L9177-02	4/26/2005	Mn-54	-3.70E-01	8.30E-01	3.10E+00
WR	21	L9177-02	4/26/2005	Zn-65	4.00E-01	1.50E+00	5.30E+00
WR	21	L9177-02	4/26/2005	Zr-95	7.00E-01	1.20E+00	4.30E+00
WR	21	L9332-02	5/25/2005	Ba-140	-3.40E+00	3.40E+00	1.40E+01
WR	21	L9332-02	5/25/2005	Co-58	5.00E-01	1.80E+00	6.30E+00
WR	21	L9332-02	5/25/2005	Co-60	-3.00E-01	1.70E+00	6.60E+00
WR	21	L9332-02	5/25/2005	Cs-134	1.20E+00	1.90E+00	6.60E+00
WR	21	L9332-02	5/25/2005	Cs-137	-4.00E-01	1.80E+00	6.70E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	21	L9332-02	5/25/2005	Fe-59	2.50E+00	4.40E+00	1.60E+01
WR	21	L9332-02	5/25/2005	GROSS BETA	2.59E+00	9.00E-01	2.60E+00
WR	21	L9332-02	5/25/2005	H-3	-1.90E+02	3.00E+02	9.90E+02
WR	21	L9332-02	5/25/2005	I-131	7.80E+00	4.40E+00	1.40E+01
WR	21	L9332-02	5/25/2005	Mn-54	-1.10E+00	1.60E+00	6.00E+00
WR	21	L9332-02	5/25/2005	Zn-65	-2.60E+00	3.80E+00	1.50E+01
WR	21	L9332-02	5/25/2005	Zr-95	-2.10E+00	3.10E+00	1.20E+01
WR	21	L9494-02	6/28/2005	Ba-140	4.20E+00	4.70E+00	1.70E+01
WR	21	L9494-02	6/28/2005	Co-58	3.40E+00	2.00E+00	6.50E+00
WR	21	L9494-02	6/28/2005	Co-60	2.00E-01	2.30E+00	9.10E+00
WR	21	L9494-02	6/28/2005	Cs-134	0.00E+00	2.30E+00	8.70E+00
WR	21	L9494-02	6/28/2005	Cs-137	1.10E+00	2.20E+00	8.10E+00
WR	21	L9494-02	6/28/2005	Fe-59	3.50E+00	6.30E+00	2.40E+01
WR	21	L9494-02	6/28/2005	GROSS BETA	3.90E+00	1.00E+00	2.90E+00 *
WR	21	L9600-02	6/28/2005	H-3	-5.00E+02	3.70E+02	1.30E+03
WR	21	L9494-02	6/28/2005	H-3	1.60E+02	4.50E+02	1.40E+03
WR	21	L9494-02	6/28/2005	I-131	1.50E+00	4.20E+00	1.50E+01
WR	21	L9494-02	6/28/2005	Mn-54	1.20E+00	2.20E+00	7.90E+00
WR	21	L9494-02	6/28/2005	Zn-65	2.10E+00	5.70E+00	2.10E+01
WR	21	L9494-02	6/28/2005	Zr-95	9.00E-01	4.00E+00	1.50E+01
WR	21	L9663-02	7/27/2005	Ba-140	4.90E+00	3.20E+00	1.10E+01
WR	21	L9663-02	7/27/2005	Co-58	-2.20E+00	1.50E+00	5.80E+00
WR	21	L9663-02	7/27/2005	Co-60	0.00E+00	1.80E+00	6.60E+00
WR	21	L9663-02	7/27/2005	Cs-134	3.00E-01	1.50E+00	5.50E+00
WR	21	L9663-02	7/27/2005	Cs-137	3.80E+00	1.50E+00	4.70E+00
WR	21	L9663-02	7/27/2005	Fe-59	-7.20E+00	5.00E+00	2.00E+01
WR	21	L9663-02	7/27/2005	GROSS BETA	9.20E-01	7.90E-01	2.60E+00
WR	21	L9663-02	7/27/2005	H-3	2.00E+01	4.50E+02	1.40E+03
WR	21	L9663-02	7/27/2005	I-131	1.50E+00	3.70E+00	1.30E+01
WR	21	L9663-02	7/27/2005	Mn-54	1.20E+00	1.30E+00	4.50E+00
WR	21	L9663-02	7/27/2005	Zn-65	1.40E+00	3.10E+00	1.10E+01
WR	21	L9663-02	7/27/2005	Zr-95	-2.50E+00	2.60E+00	1.00E+01
WR	21	L9800-02	8/24/2005	Ba-140	-2.20E+00	4.70E+00	1.90E+01
WR	21	L9800-02	8/24/2005	Co-58	-1.70E+00	2.10E+00	8.40E+00
WR	21	L9800-02	8/24/2005	Co-60	1.30E+00	2.20E+00	8.10E+00
WR	21	L9800-02	8/24/2005	Cs-134	-2.40E+00	2.20E+00	8.70E+00
WR	21	L9800-02	8/24/2005	Cs-137	5.10E+00	1.90E+00	5.70E+00
WR	21	L9800-02	8/24/2005	Fe-59	-1.20E+00	5.40E+00	2.20E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	21	L9800-02	8/24/2005	GROSS BETA	1.37E+00	8.20E-01	2.70E+00
WR	21	L9800-02	8/24/2005	H-3	-5.90E+02	3.60E+02	1.20E+03
WR	21	L9800-02	8/24/2005	I-131	5.50E+00	5.30E+00	1.80E+01
WR	21	L9800-02	8/24/2005	Mn-54	-1.10E+00	1.80E+00	7.30E+00
WR	21	L9800-02	8/24/2005	Zn-65	-2.50E+00	5.70E+00	2.20E+01
WR	21	L9800-02	8/24/2005	Zr-95	-3.40E+00	3.60E+00	1.40E+01
WR	21	L9970-02	9/27/2005	Ba-140	-2.20E+00	3.80E+00	1.70E+01
WR	21	L9970-02	9/27/2005	Co-58	4.00E-01	1.90E+00	7.10E+00
WR	21	L9970-02	9/27/2005	Co-60	-3.50E+00	2.10E+00	9.20E+00
WR	21	L9970-02	9/27/2005	Cs-134	2.00E-01	2.20E+00	8.30E+00
WR	21	L9970-02	9/27/2005	Cs-137	9.00E-01	1.80E+00	6.40E+00
WR	21	L9970-02	9/27/2005	Fe-59	-9.00E-01	4.60E+00	1.80E+01
WR	21	L9970-02	9/27/2005	GROSS BETA	2.44E+00	8.60E-01	2.60E+00
WR	21	L9970-02	9/27/2005	H-3	1.80E+02	4.60E+02	1.40E+03
WR	21	L10042-02	9/27/2005	H-3	-4.20E+02	3.70E+02	1.20E+03
WR	21	L9970-02	9/27/2005	I-131	1.30E+00	5.10E+00	1.80E+01
WR	21	L9970-02	9/27/2005	Mn-54	2.60E+00	2.10E+00	7.10E+00
WR	21	L9970-02	9/27/2005	Zn-65	-1.70E+00	4.80E+00	1.80E+01
WR	21	L9970-02	9/27/2005	Zr-95	5.20E+00	3.40E+00	1.10E+01
WR	21	L10141-02	10/31/2005	Ba-140	-1.00E+00	4.80E+00	1.90E+01
WR	21	L10141-02	10/31/2005	Co-58	-2.70E+00	2.10E+00	8.50E+00
WR	21	L10141-02	10/31/2005	Co-60	2.00E+00	1.80E+00	6.10E+00
WR	21	L10141-02	10/31/2005	Cs-134	1.10E+00	1.80E+00	6.50E+00
WR	21	L10141-02	10/31/2005	Cs-137	-9.00E-01	1.80E+00	7.00E+00
WR	21	L10141-02	10/31/2005	Fe-59	1.70E+00	4.30E+00	1.60E+01
WR	21	L10141-02	10/31/2005	GROSS BETA	2.44E+00	9.20E-01	2.80E+00
WR	21	L10141-02	10/31/2005	H-3	2.80E+02	3.90E+02	1.20E+03
WR	21	L10141-02	10/31/2005	I-131	5.90E+00	5.00E+00	1.70E+01
WR	21	L10141-02	10/31/2005	Mn-54	-2.30E+00	2.00E+00	8.00E+00
WR	21	L10141-02	10/31/2005	Zn-65	-5.50E+00	4.10E+00	1.70E+01
WR	21	L10141-02	10/31/2005	Zr-95	1.00E-01	3.80E+00	1.40E+01
WR	21	L10220-02	11/23/2005	Ba-140	-3.90E+00	3.40E+00	1.60E+01
WR	21	L10220-02	11/23/2005	Co-58	4.00E-01	2.10E+00	7.90E+00
WR	21	L10220-02	11/23/2005	Co-60	3.90E+00	2.50E+00	8.10E+00
WR	21	L10220-02	11/23/2005	Cs-134	-3.00E+00	2.00E+00	8.90E+00
WR	21	L10220-02	11/23/2005	Cs-137	-4.40E+00	2.50E+00	1.00E+01
WR	21	L10220-02	11/23/2005	Fe-59	5.00E+00	5.00E+00	1.70E+01
WR	21	L10220-02	11/23/2005	GROSS BETA	3.52E+00	9.90E-01	2.80E+00 *

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	21	L10220-02	11/23/2005	H-3	-7.20E+02	4.80E+02	1.50E+03
WR	21	L10220-02	11/23/2005	I-131	-3.20E+00	4.40E+00	1.60E+01
WR	21	L10220-02	11/23/2005	Mn-54	3.00E+00	2.60E+00	8.80E+00
WR	21	L10220-02	11/23/2005	Zn-65	-1.43E+01	5.20E+00	2.40E+01
WR	21	L10220-02	11/23/2005	Zr-95	2.70E+00	3.80E+00	1.30E+01
WR	21	L10355-02	12/29/2005	Ba-140	2.80E+00	3.90E+00	1.40E+01
WR	21	L10355-02	12/29/2005	Co-58	-1.40E+00	1.50E+00	6.00E+00
WR	21	L10355-02	12/29/2005	Co-60	9.00E-01	1.80E+00	6.40E+00
WR	21	L10355-02	12/29/2005	Cs-134	-7.00E-01	1.90E+00	6.90E+00
WR	21	L10355-02	12/29/2005	Cs-137	-6.00E-01	1.50E+00	5.70E+00
WR	21	L10355-02	12/29/2005	Fe-59	-4.90E+00	3.70E+00	1.50E+01
WR	21	L10355-02	12/29/2005	GROSS BETA	3.40E-01	8.10E-01	2.80E+00
WR	21	L10461-02	12/29/2005	H-3	-3.50E+02	4.40E+02	1.40E+03
WR	21	L10355-02	12/29/2005	H-3	5.00E+01	4.80E+02	1.50E+03
WR	21	L10355-02	12/29/2005	I-131	-2.40E+00	3.50E+00	1.30E+01
WR	21	L10355-02	12/29/2005	Mn-54	-1.30E+00	1.60E+00	6.30E+00
WR	21	L10355-02	12/29/2005	Zn-65	1.20E+00	3.40E+00	1.20E+01
WR	21	L10355-02	12/29/2005	Zr-95	3.10E+00	3.40E+00	1.20E+01
WR	31	L9018-04	3/28/2005	Ba-140	-1.01E+01	4.60E+00	2.30E+01
WR	31	L9018-04	3/28/2005	Co-58	0.00E+00	1.80E+00	6.90E+00
WR	31	L9018-04	3/28/2005	Co-60	3.50E+00	2.20E+00	7.00E+00
WR	31	L9018-04	3/28/2005	Cs-134	8.00E-01	1.40E+00	5.40E+00
WR	31	L9018-04	3/28/2005	Cs-137	-3.20E+00	1.70E+00	7.60E+00
WR	31	L9018-04	3/28/2005	Fe-59	-1.50E+00	5.20E+00	2.20E+01
WR	31	L9018-04	3/28/2005	GROSS BETA	1.76E+00	8.60E-01	2.70E+00
WR	31	L9108-02	3/28/2005	H-3	-3.50E+02	3.20E+02	1.10E+03
WR	31	L9018-04	3/28/2005	H-3	2.00E+02	3.20E+02	1.00E+03
WR	31	L9018-04	3/28/2005	I-131	1.60E+00	6.70E+00	2.50E+01
WR	31	L9018-04	3/28/2005	Mn-54	0.00E+00	1.60E+00	6.20E+00
WR	31	L9018-04	3/28/2005	Zn-65	1.40E+00	3.00E+00	1.20E+01
WR	31	L9018-04	3/28/2005	Zr-95	7.00E-01	2.80E+00	1.10E+01
WR	31	L9177-03	4/26/2005	Ba-140	-6.00E-01	1.70E+00	7.60E+00
WR	31	L9177-03	4/26/2005	Co-58	1.50E+00	1.60E+00	5.50E+00
WR	31	L9177-03	4/26/2005	Co-60	-2.60E+00	2.00E+00	8.90E+00
WR	31	L9177-03	4/26/2005	Cs-134	-6.00E-01	1.60E+00	6.70E+00
WR	31	L9177-03	4/26/2005	Cs-137	-1.70E+00	1.60E+00	6.90E+00
WR	31	L9177-03	4/26/2005	Fe-59	4.00E+00	5.10E+00	1.90E+01
WR	31	L9177-03	4/26/2005	GROSS BETA	3.40E+00	1.10E+00	3.20E+00 *

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	31	L9177-03	4/26/2005	H-3	6.00E+01	3.30E+02	1.10E+03
WR	31	L9177-03	4/26/2005	I-131	8.00E-01	2.00E+00	7.10E+00
WR	31	L9177-03	4/26/2005	Mn-54	-8.00E-01	1.70E+00	6.80E+00
WR	31	L9177-03	4/26/2005	Zn-65	0.00E+00	3.30E+00	1.30E+01
WR	31	L9177-03	4/26/2005	Zr-95	2.80E+00	3.00E+00	1.10E+01
WR	31	L9332-03	5/27/2005	Ba-140	0.00E+00	3.60E+00	1.40E+01
WR	31	L9332-03	5/27/2005	Co-58	2.70E+00	2.20E+00	7.40E+00
WR	31	L9332-03	5/27/2005	Co-60	-5.00E-01	2.40E+00	9.50E+00
WR	31	L9332-03	5/27/2005	Cs-134	1.20E+00	2.40E+00	8.50E+00
WR	31	L9332-03	5/27/2005	Cs-137	-2.40E+00	2.00E+00	8.20E+00
WR	31	L9332-03	5/27/2005	Fe-59	3.80E+00	5.70E+00	2.10E+01
WR	31	L9332-03	5/27/2005	GROSS BETA	2.08E+00	9.10E-01	2.80E+00
WR	31	L9332-03	5/27/2005	H-3	1.00E+01	3.00E+02	9.90E+02
WR	31	L9332-03	5/27/2005	I-131	5.50E+00	4.40E+00	1.50E+01
WR	31	L9332-03	5/27/2005	Mn-54	4.00E-01	2.20E+00	8.30E+00
WR	31	L9332-03	5/27/2005	Zn-65	-5.00E+00	4.50E+00	1.90E+01
WR	31	L9332-03	5/27/2005	Zr-95	5.90E+00	3.40E+00	1.10E+01
WR	31	L9494-03	6/29/2005	Ba-140	1.10E+00	3.60E+00	1.40E+01
WR	31	L9494-03	6/29/2005	Co-58	3.40E+00	2.40E+00	7.90E+00
WR	31	L9494-03	6/29/2005	Co-60	4.20E+00	2.60E+00	8.40E+00
WR	31	L9494-03	6/29/2005	Cs-134	2.30E+00	2.30E+00	7.90E+00
WR	31	L9494-03	6/29/2005	Cs-137	-4.00E-01	1.90E+00	7.60E+00
WR	31	L9494-03	6/29/2005	Fe-59	-2.10E+00	7.90E+00	3.10E+01
WR	31	L9494-03	6/29/2005	GROSS BETA	1.59E+00	8.70E-01	2.80E+00
WR	31	L9600-03	6/29/2005	H-3	-7.30E+02	3.60E+02	1.20E+03
WR	31	L9494-03	6/29/2005	H-3	3.10E+02	4.50E+02	1.40E+03
WR	31	L9494-03	6/29/2005	I-131	-1.50E+00	3.30E+00	1.30E+01
WR	31	L9494-03	6/29/2005	Mn-54	-2.70E+00	2.20E+00	9.30E+00
WR	31	L9494-03	6/29/2005	Zn-65	-7.80E+00	5.10E+00	2.20E+01
WR	31	L9494-03	6/29/2005	Zr-95	2.70E+00	3.90E+00	1.40E+01
WR	31	L9663-03	7/27/2005	Ba-140	-3.40E+00	2.90E+00	1.30E+01
WR	31	L9663-03	7/27/2005	Co-58	4.00E-01	1.80E+00	6.30E+00
WR	31	L9663-03	7/27/2005	Co-60	1.40E+00	1.80E+00	6.50E+00
WR	31	L9663-03	7/27/2005	Cs-134	1.30E+00	1.90E+00	6.60E+00
WR	31	L9663-03	7/27/2005	Cs-137	-2.00E-01	1.40E+00	5.30E+00
WR	31	L9663-03	7/27/2005	Fe-59	6.70E+00	4.40E+00	1.50E+01
WR	31	L9663-03	7/27/2005	GROSS BETA	8.00E-01	9.10E-01	3.10E+00
WR	31	L9663-03	7/27/2005	H-3	-4.50E+02	4.50E+02	1.40E+03

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	31	L9663-03	7/27/2005	I-131	1.90E+00	3.60E+00	1.20E+01
WR	31	L9663-03	7/27/2005	Mn-54	-1.20E+00	1.70E+00	6.30E+00
WR	31	L9663-03	7/27/2005	Zn-65	-3.20E+00	3.60E+00	1.40E+01
WR	31	L9663-03	7/27/2005	Zr-95	-3.60E+00	3.60E+00	1.40E+01
WR	31	L9800-03	8/24/2005	Ba-140	5.50E+00	7.00E+00	2.50E+01
WR	31	L9800-03	8/24/2005	Co-58	1.10E+00	2.10E+00	7.70E+00
WR	31	L9800-03	8/24/2005	Co-60	2.00E+00	3.00E+00	1.10E+01
WR	31	L9800-03	8/24/2005	Cs-134	2.20E+00	1.90E+00	6.60E+00
WR	31	L9800-03	8/24/2005	Cs-137	1.50E+00	2.70E+00	9.40E+00
WR	31	L9800-03	8/24/2005	Fe-59	-3.80E+00	7.80E+00	3.20E+01
WR	31	L9800-03	8/24/2005	GROSS BETA	3.90E+00	9.80E-01	2.70E+00 *
WR	31	L9800-03	8/24/2005	H-3	-2.70E+02	3.60E+02	1.20E+03
WR	31	L9800-03	8/24/2005	I-131	-7.00E+00	6.30E+00	2.40E+01
WR	31	L9800-03	8/24/2005	Mn-54	-5.00E+00	2.00E+00	9.20E+00
WR	31	L9800-03	8/24/2005	Zn-65	-7.40E+00	5.30E+00	2.20E+01
WR	31	L9800-03	8/24/2005	Zr-95	-3.80E+00	3.50E+00	1.50E+01
WR	31	L9970-03	9/28/2005	Ba-140	-9.70E+00	3.70E+00	1.70E+01
WR	31	L9970-03	9/28/2005	Co-58	-1.10E+00	1.70E+00	6.50E+00
WR	31	L9970-03	9/28/2005	Co-60	5.20E+00	2.10E+00	6.50E+00
WR	31	L9970-03	9/28/2005	Cs-134	-7.00E-01	1.70E+00	6.40E+00
WR	31	L9970-03	9/28/2005	Cs-137	1.00E+00	1.70E+00	5.80E+00
WR	31	L9970-03	9/28/2005	Fe-59	-1.20E+00	4.10E+00	1.50E+01
WR	31	L9970-03	9/28/2005	GROSS BETA	2.79E+00	9.80E-01	3.00E+00
WR	31	L10042-03	9/28/2005	H-3	-5.00E+01	3.70E+02	1.20E+03
WR	31	L9970-03	9/28/2005	H-3	-8.00E+01	4.60E+02	1.40E+03
WR	31	L9970-03	9/28/2005	I-131	-3.80E+00	3.70E+00	1.40E+01
WR	31	L9970-03	9/28/2005	Mn-54	-1.10E+00	1.50E+00	5.80E+00
WR	31	L9970-03	9/28/2005	Zn-65	-2.20E+00	4.30E+00	1.60E+01
WR	31	L9970-03	9/28/2005	Zr-95	-1.00E+00	2.70E+00	1.00E+01
WR	31	L10141-03	11/1/2005	Ba-140	4.90E+00	2.90E+00	9.00E+00
WR	31	L10141-03	11/1/2005	Co-58	2.20E+00	2.10E+00	7.20E+00
WR	31	L10141-03	11/1/2005	Co-60	2.80E+00	2.10E+00	6.90E+00
WR	31	L10141-03	11/1/2005	Cs-134	1.50E+00	2.40E+00	8.40E+00
WR	31	L10141-03	11/1/2005	Cs-137	2.60E+00	2.00E+00	6.90E+00
WR	31	L10141-03	11/1/2005	Fe-59	-1.60E+00	4.80E+00	1.80E+01
WR	31	L10141-03	11/1/2005	GROSS BETA	3.40E+00	9.50E-01	2.70E+00 *
WR	31	L10141-03	11/1/2005	H-3	2.20E+02	3.90E+02	1.30E+03
WR	31	L10141-03	11/1/2005	I-131	1.60E+00	5.20E+00	1.80E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WR	31	L10141-03	11/1/2005	Mn-54	-1.10E+00	2.00E+00	7.60E+00
WR	31	L10141-03	11/1/2005	Zn-65	6.30E+00	4.40E+00	1.50E+01
WR	31	L10141-03	11/1/2005	Zr-95	2.00E-01	3.80E+00	1.40E+01
WR	31	L10220-03	11/23/2005	Ba-140	3.10E+00	4.40E+00	1.60E+01
WR	31	L10220-03	11/23/2005	Co-58	-1.60E+00	2.80E+00	1.10E+01
WR	31	L10220-03	11/23/2005	Co-60	-6.00E-01	2.90E+00	1.10E+01
WR	31	L10220-03	11/23/2005	Cs-134	-1.90E+00	3.20E+00	1.20E+01
WR	31	L10220-03	11/23/2005	Cs-137	-4.00E+00	2.30E+00	9.90E+00
WR	31	L10220-03	11/23/2005	Fe-59	-1.20E+00	6.10E+00	2.40E+01
WR	31	L10220-03	11/23/2005	GROSS BETA	4.00E+00	1.00E+00	2.80E+00 *
WR	31	L10220-03	11/23/2005	H-3	-3.80E+02	4.80E+02	1.50E+03
WR	31	L10220-03	11/23/2005	I-131	-3.10E+00	4.30E+00	1.60E+01
WR	31	L10220-03	11/23/2005	Mn-54	-1.40E+00	2.40E+00	9.80E+00
WR	31	L10220-03	11/23/2005	Zn-65	-1.08E+01	5.80E+00	2.60E+01
WR	31	L10220-03	11/23/2005	Zr-95	6.00E+00	3.70E+00	1.20E+01
WR	31	L10355-03	12/29/2005	Ba-140	-1.40E+00	3.00E+00	1.20E+01
WR	31	L10355-03	12/29/2005	Co-58	1.90E+00	1.80E+00	6.30E+00
WR	31	L10355-03	12/29/2005	Co-60	-1.10E+00	2.10E+00	8.00E+00
WR	31	L10355-03	12/29/2005	Cs-134	-1.10E+00	2.00E+00	7.40E+00
WR	31	L10355-03	12/29/2005	Cs-137	-1.40E+00	1.90E+00	7.10E+00
WR	31	L10355-03	12/29/2005	Fe-59	-6.00E-01	4.00E+00	1.50E+01
WR	31	L10355-03	12/29/2005	GROSS BETA	2.32E+00	9.60E-01	2.80E+00
WR	31	L10355-03	12/29/2005	H-3	3.30E+02	4.90E+02	1.50E+03
WR	31	L10461-03	12/29/2005	H-3	-4.50E+02	4.40E+02	1.40E+03
WR	31	L10355-03	12/29/2005	I-131	4.00E-01	4.60E+00	1.60E+01
WR	31	L10355-03	12/29/2005	Mn-54	-1.00E-01	1.50E+00	5.70E+00
WR	31	L10355-03	12/29/2005	Zn-65	-5.90E+00	3.90E+00	1.60E+01
WR	31	L10355-03	12/29/2005	Zr-95	-3.80E+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

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L.)
WW	52	L9177-07	4/26/2005	Ba-140	0.00E+00	1.80E+00	7.00E+00
WW	52	L9177-07	4/26/2005	Co-58	-5.00E-01	1.60E+00	5.90E+00
WW	52	L9177-07	4/26/2005	Co-60	-5.00E-01	1.90E+00	7.30E+00
WW	52	L9177-07	4/26/2005	Cs-134	-2.10E+00	1.30E+00	5.70E+00
WW	52	L9177-07	4/26/2005	Cs-137	-2.00E+00	1.60E+00	6.40E+00
WW	52	L9177-07	4/26/2005	Fe-59	-1.90E+00	4.00E+00	1.60E+01
WW	52	L9177-07	4/26/2005	GROSS BETA	9.40E+00	1.40E+00	3.30E+00 *
WW	52	L9177-07	4/26/2005	H-3	3.80E+02	3.30E+02	1.10E+03
WW	52	L9177-07	4/26/2005	I-131	3.80E+00	1.70E+00	5.50E+00
WW	52	L9177-07	4/26/2005	Mn-54	1.60E+00	1.50E+00	5.20E+00
WW	52	L9177-07	4/26/2005	Zn-65	0.00E+00	3.30E+00	1.20E+01
WW	52	L9177-07	4/26/2005	Zr-95	2.00E+00	2.10E+00	7.40E+00
WW	52	L9332-06	5/27/2005	Ba-140	-1.20E+00	2.10E+00	7.70E+00
WW	52	L9332-06	5/27/2005	Co-58	-1.00E+00	1.00E+00	3.70E+00
WW	52	L9332-06	5/27/2005	Co-60	-4.00E-01	1.20E+00	4.30E+00
WW	52	L9332-06	5/27/2005	Cs-134	-1.00E-01	1.10E+00	3.90E+00
WW	52	L9332-06	5/27/2005	Cs-137	-2.00E+00	1.20E+00	4.30E+00
WW	52	L9332-06	5/27/2005	Fe-59	1.20E+00	3.30E+00	1.20E+01
WW	52	L9332-06	5/27/2005	GROSS BETA	4.40E+00	1.30E+00	3.70E+00 *
WW	52	L9332-06	5/27/2005	H-3	5.60E+02	1.10E+02	3.20E+02 *
WW	52	L9332-06	5/27/2005	I-131	-1.40E+00	2.20E+00	7.70E+00
WW	52	L9332-06	5/27/2005	Mn-54	5.30E-01	9.90E-01	3.40E+00
WW	52	L9332-06	5/27/2005	Zn-65	-3.40E+00	2.30E+00	8.80E+00
WW	52	L9332-06	5/27/2005	Zr-95	-1.70E+00	2.00E+00	7.40E+00
WW	52	L10141-07	11/1/2005	Ba-140	-3.00E-01	4.70E+00	1.90E+01
WW	52	L10141-07	11/1/2005	Co-58	1.30E+00	1.80E+00	6.60E+00
WW	52	L10141-07	11/1/2005	Co-60	1.00E+00	1.50E+00	5.60E+00
WW	52	L10141-07	11/1/2005	Cs-134	-4.00E-01	2.40E+00	9.10E+00
WW	52	L10141-07	11/1/2005	Cs-137	4.00E+00	2.40E+00	7.80E+00
WW	52	L10141-07	11/1/2005	Fe-59	4.30E+00	5.40E+00	1.90E+01
WW	52	L10141-07	11/1/2005	GROSS BETA	5.70E+00	1.20E+00	3.10E+00 *
WW	52	L10141-07	11/1/2005	H-3	6.50E+02	4.00E+02	1.30E+03
WW	52	L10141-07	11/1/2005	I-131	-3.20E+00	5.20E+00	2.00E+01
WW	52	L10141-07	11/1/2005	Mn-54	2.00E+00	2.30E+00	7.90E+00
WW	52	L10141-07	11/1/2005	Zn-65	0.00E+00	4.50E+00	1.80E+01
WW	52	L10141-07	11/1/2005	Zr-95	6.10E+00	4.30E+00	1.40E+01
WW	52	L10220-06	11/23/2005	Ba-140	1.60E+00	2.70E+00	9.90E+00
WW	52	L10220-06	11/23/2005	Co-58	-2.70E+00	1.60E+00	6.50E+00

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Radiological Environmental Monitoring Program
Summary of 2005 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WW	52	L10220-06	11/23/2005	Co-60	-1.60E+00	1.50E+00	6.00E+00
WW	52	L10220-06	11/23/2005	Cs-134	-3.00E-01	1.70E+00	6.20E+00
WW	52	L10220-06	11/23/2005	Cs-137	-4.00E-01	1.90E+00	6.70E+00
WW	52	L10220-06	11/23/2005	Fe-59	7.00E-01	3.50E+00	1.30E+01
WW	52	L10220-06	11/23/2005	GROSS BETA	5.70E+00	1.10E+00	2.90E+00 *
WW	52	L10220-06	11/23/2005	H-3	5.76E+02	9.50E+01	2.90E+02 *
WW	52	L10220-06	11/23/2005	I-131	1.20E+00	4.00E+00	1.40E+01
WW	52	L10220-06	11/23/2005	Mn-54	1.90E+00	1.50E+00	5.10E+00
WW	52	L10220-06	11/23/2005	Zn-65	4.90E+00	6.60E+00	2.20E+01
WW	52	L10220-06	11/23/2005	Zr-95	3.20E+00	2.50E+00	8.40E+00
WW	52	L10355-06	12/29/2005	Ba-140	-5.20E+00	3.70E+00	1.60E+01
WW	52	L10355-06	12/29/2005	Co-58	-1.90E+00	2.00E+00	7.80E+00
WW	52	L10355-06	12/29/2005	Co-60	5.00E-01	1.90E+00	7.10E+00
WW	52	L10355-06	12/29/2005	Cs-134	-7.00E-01	2.10E+00	7.90E+00
WW	52	L10355-06	12/29/2005	Cs-137	-1.00E+00	1.60E+00	6.20E+00
WW	52	L10355-06	12/29/2005	Fe-59	5.70E+00	4.00E+00	1.30E+01
WW	52	L10355-06	12/29/2005	GROSS BETA	8.70E+00	1.30E+00	3.20E+00 *
WW	52	L10355-06	12/29/2005	H-3	1.70E+02	1.10E+02	3.50E+02
WW	52	L10355-06	12/29/2005	I-131	-4.20E+00	4.10E+00	1.50E+01
WW	52	L10355-06	12/29/2005	Mn-54	-5.00E-01	1.80E+00	6.70E+00
WW	52	L10355-06	12/29/2005	Zn-65	3.40E+00	4.40E+00	1.50E+01
WW	52	L10355-06	12/29/2005	Zr-95	4.10E+00	3.40E+00	1.20E+01

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