Selected Site Contamination History

Topical Report

September 29, 1995

Work Performed Under Contract No.: DE-AC21-95MC32088

U.S. Department of Energy
Office of Environmental Management
Office of Technology Development
1000 Independence Avenue
Washington, DC 20585

For

U.S. Department of Energy
Office of Fossil Energy
Morgantown Energy Technology Center
P.O. Box 880
Morgantown, West Virginia 26507-0880

By

Thermo Power Corporation
Tecogen Division
45 First Avenue
P. Box 8995
Waltham, Massachusetts 02254-8995

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

Disclaimer

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

**Portions of this document may be illegible
in electronic image products. Images are
produced from the best available original
document.**

INTRODUCTION

This is the Final Report that contains the "Selected Site Contamination History" for the project titled "Development of an On-line, Real-time Alpha Radiation Monitor for Liquid Streams", Contract Number DE-AC21-95MC32088. It consists of a summary of sampling data for nine locations at the Oak Ridge Reservation. These nine locations were chosen to be representative of those expected across the DOE Complex, and were selected from three distinct Oak Ridge facilities:

- The Oak Ridge National Laboratory (ORNL)
- The Y-12 Plant
- The K-25 Plant (the old Gaseous Diffusion Plant).

The location selected from ORNL is the Influent to the Process Waste Treatment Plant (PWTP). This location is representative of those Wastewater Treatment Plants that process water that is known to be radionuclide-containing.

The location selected from the Y-12 Plant is the City Flow Monitoring Station. This location represents those sanitary sewer discharges from the DOE Complex that are routed off-site to a civilian waste water treatment plant.

The seven locations selected from the K-25 Plant consist of various storm drains and surface waters that are tested during the normal course of K-25's environmental monitoring program. These locations represent the varied surface waters that are tested for radioactivity levels across the DOE Complex.

Overall, these nine sites have been selected from three of the major water types found across the DOE Complex:

- Process water
- Sanitary sewer water
- Surface waters.

Final ranking and prioritization of these sites will result in a final selection of at least four sites for testing of the Thermo Alpha Monitor during Phase II (the Optional Phase) of the current program. It is anticipated that testing will include the ORNL PWTP, the Y-12 City Flow Monitoring Station, and two of the K-25 surface water sites.

**OAK RIDGE NATIONAL LABORATORY
PROCESS WASTE TREATMENT PLANT INFLUENT**

JULY 1989

RADIONUCLIDE	CONCENTRATION Bq/L
Gross Alpha	5
Gross Beta	1000
Sr-90	750
Cs-137	110
Co-60	25
Eu-152	30
Eu-154	8
Eu-155	5
ZrNb-95	50
Ru-106	10

PARAMETER	CONCENTRATION MG/L
TOC	1.9
TDS	250
TSS	3
TOTAL HARDNESS	133
ALKALINITY	125

FEBRUARY 1994	CONCENTRATION Bq/L
Co-60	7.4
Cs-137	230
Eu-152	23
Eu-154	8.6
Eu-155	3.6

NOVEMBER 1994	CONCENTRATION Bq/L
Gross Alpha	20
Gross Beta	450

**Y-12 PLANT SANITARY SEWER
CITY FLOW MONITORING STATION**

	7/8/93	7/16/93	7/20/93	7/28/93	8/5/93	8/13/93	8/17/93
TOTAL U (mg/L)	0.002	0.008	0.005	0.005	0.004	0.004	0.004
TOTAL % U-235	10	0.62	0.89	0.81	0.96	0.91	0.84
SOLUBLE U	0.001	0.005	0.003	0.004	0.003	0.003	0.001
SOLUBLE % U-235	13	0.63	0.96	0.96	1.1	1.0	1.0
INSOLUBLE U	.001	0.003	0.002	0.001	0.001	0.001	0.003
INSOLUBLE % U-235	7	0.60	0.79	0.21	0.54	0.64	0.79

K-25 SITE ENVIRONMENTAL MONITORING PROGRAM
Radiological Data

Parameter/Site K1007B	Sample	Date	Results	Error	Units
Alpha Activity	940729-050	07/29/94	1.28E0	1.1E0	pCi/L
	940831-058	09/31/94	5.03E-1	1.5E0	pCi/L
	940930-136	09/30/94	2.34E-1	8.4E-1	pCi/L
	941031-042	10/31/94	3.28E0N	1.8E0	pCi/L
	941130-084	11/30/94	3.20E0	1.7E0	pCi/L
	941229-011	12/29/94	9.64E-1	9.2E-1	pCi/L
	950131-071	01/31/95	-7.57E-2	1.3E0	pCi/L
	950228-075	02/28/95	5.74E-1	9.3E-1	pCi/L
	950330-089	03/30/95	5.00E-1	9.0E-1	pCi/L
	950428-059	04/28/95	6.10E-1	1.1E0	pCi/L
Beta Activity	940729-050	07/29/94	5.99E0	2.8E0	pCi/L
	940831-058	08/31/94	5.35E0	2.7E0	pCi/L
	940930-136	09/30/94	7.79E0	2.1E0	pCi/L
	941031-042	10/31/94	7.00E0	2.3E0	pCi/L
	941130-084	11/30/94	7.04E0	2.2E0	pCi/L
	941229-011	12/29/94	7.63E0	2.1E0	pCi/L
	950131-071	01/31/95	7.63E0	2.2E0	pCi/L
	950228-075	02/28/95	7.58E0	2.1E0	pCi/L
	950330-089	03/30/95	5.64E0	2.0E0	pCi/L
	950428-059	04/28/95	8.50E0	2.2E0	pCi/L
Cesium-137	940729-050	07/29/94	-6.62E0F	1.9E1	pCi/L
	940831-058	08/31/94	1.24E1E	3.5E1	pCi/L
	940930-136	09/30/94	3.71E1E	7.7E1	pCi/L
	941031-042	10/31/94	6.43E0E	5.8E1	pCi/L
	941130-094	11/30/94	9.44E-1E	3.7E0	pCi/L
	941229-011	12/29/94	-6.21E0F	1.1E1	pCi/L
	950131-071	01/31/95	-2.50E0F	1.1E1	pCi/L
	950228-075	02/28/95	1.50E0E	1.1E1	pCi/L
	950330-089	03/30/95	2.43E0E	3.8E0	pCi/L
	950428-059	04/28/95	1.00E0E	1.0E1	pCi/L
Neptunium-237	940729-050	07/29/94	0.00E0	6.6E-1	pCi/L
	940831-058	08/31/94	1.64E-1	3.3E-1	pCi/L
	940930-136	09/30/94	0.00E0N	3.1E-1	pCi/L
	941031-042	10/31/94	7.90E-2	1.6E-1	pCi/L
	941130-094	11/30/94	1.90E-1	3.8E-1	pCi/L
	941229-011	12/29/94	2.40E-1N	2.8E-1	pCi/L
	950131-071	01/31/95	0.00E0N	2.4E-1	pCi/L
	950228-075	02/28/95	1.40E-1	2.8E-1	pCi/L
	950330-089	03/30/95	0.00E0	2.4E-1	pCi/L
	950428-059	04/28/95	7.17E-2	1.4E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
K1007B (continued)					
Plutonium-238	940729-050	07/29/94	0.00E0	7.2E-1	pCi/L
	940831-058	08/31/94	-1.79E-1	7.2E-1	pCi/L
	940930-136	09/30/94	-9.75E-2	3.9E-1	pCi/L
	941031-042	10/31/94	0.00E0	2.1E-1	pCi/L
	941130-094	11/30/94	8.87E-2	3.1E-1	pCi/L
	941229-011	12/29/94	7.47E-2	2.6E-1	pCi/L
	950131-071	01/31/95	-1.33E-1	3.8E-1	pCi/L
	950228-075	02/28/95	2.70E-1	3.8E-1	pCi/L
	950330-089	03/30/95	4.29E-1	3.8E-1	pCi/L
	950428-059	04/29/95	0.00E0	3.3E-1	pCi/L
Plutonium-239	940729-050	7/29/94	4.18E-1	5.9E-1	pCi/L
	940831-058	08/31/94	0.00E0	6.2E-1	pCi/L
	940930-136	09/30/94	-9.75E-2	3.9E-1	pCi/L
	941031-042	10/31/94	0.00E0	2.6E-1	pCi/L
	941130-084	11/30/94	8.87E-2	1.8E-1	pCi/L
	941229-011	12/29/94	0.00E0	2.6E-1	pCi/L
	950131-071	01/31/95	0.00E0	2.3E-1	pCi/L
	950228-075	02/28/95	6.74E-2	1.3E-1	pCi/L
	950330-089	03/30/95	-8.58E-2	3.4E-1	pCi/L
	950428-059	04/28/95	0.00E0	1.8E-1	pCi/L
Potassium-40	940729-050	07/29/94	4.39E2	2.7E2	pCi/L
Prep (PCB-	950330-089	03/30/95			
Prep (PCB-	940831-058	08/31/94			
	940930-136	09/30/94			
	941031-042	10/31/94			
	941130-094	11/30/94			
	941229-011	12/29/94			
Technetium-99	940729-050	07/29/94	-1.04E1	3.6E1	pCi/L
	940831-058	08/31/94	1.49E0	3.7E1	pCi/L
	940930-136	09/30/94	1.53E1	3.7E1	pCi/L
	941031-042	10/31/94	-1.74E1	2.1E1	pCi/L
	941130-084	11/30/94	9.62E0	2.1E1	pCi/L
	941229-011	12/29/94	-1.61E0	2.1E1	pCi/L
	950131-071	01/31/95	1.41E1	2.1E1	pCi/L
	950228-075	02/29/95	1.01E1	2.1E1	pCi/L
	950330-089	03/30/95	2.69E1	2.1E1	pCi/L
	950428-059	04/28/95	7.00E1	2.2E1	pCi/L
Thorium-234	940930-136	09/30/94	7.27E2H	7.0E2	pCi/L
	950428-059	04/28/95	1.00E2H	9.6E1	pCi/L

Parameter	Sample	Date	Results	Error	Units
K1007B (continued)					
Uranium-234	940729-050	07/29/94	7.67E-1	7.7E-1	pCi/L
	940831-058	08/31/94	1.48E0	1.0E0	pCi/L
	940930-136	09/30/94	5.81E-1	4.7E-1	pCi/L
	941031-042	10/31/94	3.87E-1	5.8E-1	pCi/L
	941130-094	11/30/94	9.45E-1	4.5E-1	pCi/L
	941229-011	12/29/94	2.04E0	7.5E-1	pCi/L
	950131-071	01/31/95	6.67E-1	4.2E-1	pCi/L
	950229-075	02/29/95	1.95E-1	4.3E-1	pCi/L
	950330-089	03/30/95	6.31E-1	4.5E-1	pCi/L
	950428-059	04/28/95	1.91E0	7.3E-1	pCi/L
Uranium-235	940729-050	07/29/94	-8.33E0F	1.7E1	pCi/L
	940831-058	08/31/94	6.08E0E	6.7E1	pCi/L
	940930-136	09/30/94	-1.85E1F	9.3E1	pCi/L
	941031-042	10/31/94	5.18E1E	7.0E1	pCi/L
	941130-094	11/30/94	4.29E0E	6.1E0	pCi/L
	941229-011	12/29/94	-6.19E0F	1.5E1	pCi/L
	950131-071	01/31/95	-9.72E0F	1.5E1	pCi/L
	950228-075	02/28/95	-5.08E0F	1.5E1	pCi/L
	950330-089	03/30/95	-1.22E0F	6.0E0	pCi/L
	950428-059	04/28/95	-1.41E1F	1.5E1	pCi/L
Uranium-236	940729-050	07/29/94	0.00E0	6.6E-1	pCi/L
	940831-058	08/31/94	2.97E-1	4.2E-1	pCi/L
	940930-136	09/30/94	0.00E0	2.2E-1	pCi/L
	941031-042	10/31/94	6.45E-2	1.3E-1	pCi/L
	941130-084	11/30/94	5.25E-2	1.0E-1	pCi/L
	941229-011	12/29/94	-6.20E-2	2.5E-1	pCi/L
	950131-071	01/31/95	0.00E0	2.3E-1	pCi/L
	950228-075	02/28/95	6.51E-2	1.3E-1	pCi/L
	950330-089	03/30/95	0.00E0	1.8E-1	pCi/L
	950428-059	04/28/95	1.41E-1	2.0E-1	pCi/L
Uranium-238	940729-050	07/29/94	1.92E-1	3.8E-1	pCi/L
	940831-058	08/31/94	1.34E0	8.9E-1	pCi/L
	940930-136	09/30/94	1.94E-1	2.9E-1	pCi/L
	941031-042	10/31/94	3.22E-1	2.9E-1	pCi/L
	941130-094	11/30/94	1.05E-1	1.5E-1	pCi/L
	941229-011	12/29/94	5.58E-1	4.5E-1	pCi/L
	950131-071	01/31/95	4.67E-1	3.5E-1	pCi/L
	950228-075	02/28/95	2.60E-1	2.6E-1	pCi/L
	950330-089	03/30/95	2.10E-1	2.1E-1	pCi/L
	950428-059	04/29/95	3.53E-1	3.2E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
K1700					
Alpha Activity	940729-052	07/29/94	1.00E1	2.9E0	pCi/L
	940831-060	08/31/94	1.54E1	4.0E0	pCi/L
	940930-138	09/30/94	1.04E1	2.4E0	pCi/L
	941031-044	10/31/94	1.01E1	2.4E0	pCi/L
	941130-096	11/30/94	1.06E1	2.3E0	pCi/L
	941229-013	12/29/94	8.24E0	2.0E0	pCi/L
	950131-073	01/31/95	7.59E0	2.1E0	pCi/L
	950228-077	02/29/95	6.37E0	1.8E0	pCi/L
	950330-091	03/30/95	9.00E0	2.2E0	pCi/L
	950429-056	04/29/95	7.72E0	1.8E0	pCi/L
Beta Activity	940729-052	07/29/94	1.52E1	3.5E0	pCi/L
	940831-060	08/31/94	2.05E1	4.0E0	pCi/L
	940930-138	09/30/94	2.36E1	3.4E0	pCi/L
	941031-W	10/31/94	1.88E1	2.7E0	pCi/L
	941130-086	11/30/94	1.79E1	2.6E0	pCi/L
	941229-013	12/29/94	1.24E1	2.4E0	pCi/L
	950131-073	01/31/95	1.25E1	2.4E0	pCi/L
	950228-077	02/29/95	1.26E1	2.5E0	pCi/L
	950330-091	03/30/95	1.31E1	2.6E0	pCi/L
	950428-056	04/28/95	1.25E1	2.3E0	pCi/L
Cesium-137	940729-052	07/29/94	8.00E0E	3.4E1	pCi/L
	940831-060	08/31/94	3.37E0E	3.5E1	pCi/L
	940930-138	09/30/94	-6.28E1F	8.6E1	pCi/L
	941031-044	10/31/94	6.93E1	5.3E1	pCi/L
	941130-086	11/30/94	-3.51E-1F	3.8E0	pCi/L
	941229-013	12/29/94	4.71E0E	1.0E1	pCi/L
	950131-073	01/31/95	-1.50E0F	1.1E1	pCi/L
	950228-077	02/28/95	-3.10E0F	1.1E1	pCi/L
	950330-091	03/30/95	1.65E0E	3.6E0	pCi/L
	950428-056	04/28/95	1.50E0E	1.1E1	pCi/L
Neptunium-237	940729-052	07/29/94	7.62E-1	7.6E-1	pCi/L
	940831-060	08/31/94	1.66E-1	3.3E-1	pCi/L
	940930-138	09/30/94	0.00E0	3.2E-1	pCi/L
	941031-044	10/31/94	9.61E-1	5.5E-1	pCi/L
	941130-086	11/30/94	8.01E-2	2.8E-1	pCi/L
	941229-013	12/29/94	8.21E-2	1.6E-1	pCi/L
	950131-073	01/31/95	2.13E-1	2.5E-1	pCi/L
	950228-077	02/28/95	1.43E-1	2.9E-1	pCi/L
	950330-091	03/30/95	7.17E-2	1.4E-1	pCi/L
	950428-056	04/28/95	7.02E-2	1.4E-1	pCi/L
Plutonium-238	940729-052	07/29/94	8.34E-1	8.3E-1	pCi/L
	940831-060	08/31/94	-1.82E-1	7.3E-1	pCi/L
	940930-138	09/30/94	-1.00E-1	4.0E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
K1700 (continued)					
Plutonium-238	941031-044	10/31/94	2.24E-1	3.3E-1	pCi/L
	941130-096	11/30/94	-7.47E-2	3.0E-1	pCi/L
	941229-013	12/29/94	0.00E0	2.2E-1	pCi/L
	950131-073	01/31/95	6.74E-2	4.5E-1	pCi/L
	950228-077	02/28/95	0.00E0	2.8E-1	pCi/L
	950330-091	03/30/95	0.00E0	2.6E-1	pCi/L
	950428-056	04/28/95	-1.52E-1	2.7E-1	pCi/L
Plutonium-239	940729-052	07/29/94	2.09E-1	4.2E-1	pCi/L
	940831-060	08/31/94	0.00E0	6.3E-1	pCi/L
	940930-138	09/30/94	-1.00E-1	4.0E-1	pCi/L
	941031-044	10/31/94	0.00E0	2.6E-1	pCi/L
	941130-096	11/30/94	0.00E0	2.6E-1	pCi/L
	941229-013	12/29/94	0.00E0	2.7E-1	pCi/L
	950131-073	01/31/95	0.00E0	2.3E-1	pCi/L
	950228-077	02/29/95	0.00E0	2.4E-1	pCi/L
	950330-091	03/30/95	-7.45E-2	3.0E-1	pCi/L
	950428-056	04/28/95	0.00E0	1.8E-1	pCi/L
Technetium-99	940729-052	07/29/94	-3.22E1	3.5E1	pCi/L
	940831-060	08/31/94	1.85E1	3.7E1	pCi/L
	940930-138	09/30/94	2.36E1	3.7E1	pCi/L
	941031-044	10/31/94	1.98E0	2.1E1	pCi/L
	941130-086	11/30/94	8.76E-2	2.1E1	pCi/L
	941229-013	12/29/94	-1.21E0	2.1E1	pCi/L
	950131-073	01/31/95	2.21E1	2.2E1	pCi/L
	950228-077	02/28/95	1.91E1	2.1E1	pCi/L
	950330-091	03/30/95	1.59E1	2.1E1	pCi/L
	950428-056	04/28/95	6.46E1	2.2E1	pCi/L
Thorium-234	940930-138	09/30/94	8.41E2H	5.1E2	pCi/L
	941031-044	10/31/94	7.77E2	4.5E2	pCi/L
Uranium-234	940729-052	07/29/94	5.00E0	1.9E0	pCi/L
	940831-060	08/31/94	9.65E0	2.3E0	pCi/L
	940930-138	09/30/94	4.05E0	1.1E0	pCi/L
	941031-044	10/31/94	5.87E0	1.8E0	pCi/L
	941130-086	11/30/94	5.32E0	1.1E0	pCi/L
	941229-013	12/29/94	8.10E0	1.3E0	pCi/L
	950131-073	01/31/95	7.57E0	1.3E0	pCi/L
	950228-077	02/28/95	5.62E0	1.3E0	pCi/L
	950330-091	03/30/95	4.74E0	1.1E0	pCi/L
	950428-056	04/28/95	6.32E0	1.2E0	pCi/L
Uranium-235	940729-052	07/29/94	-8.69E0F	6.8E1	pCi/L
	940831-060	08/31/94	6.95E0E	6.8E1	pCi/L
	940930-138	09/30/94	2.68E1E	9.1E1	pCi/L

Parameter	Sample	Date	Results	Error	Units
K1700 (continued)					
Uranium-235	941031-044	10/31/94	-3.24E0F	7.7E1	pCi/L
	941130-096	11/30/94	2.92E-1E	6.0E0	pCi/L
	941229-013	12/29/94	-5.38E0F	1.5E1	pCi/L
	950131-073	01/31/95	-8.52E0F	1.5E1	pCi/L
	950228-077	02/28/95	-1.23E0F	1.5E1	pCi/L
	950330-091	03/30/95	3.21E0E	5.9E0	pCi/L
	950428-056	04/28/95	-2.79E0F	1.5E1	pCi/L
Uranium-236	940729-052	07/29/94	3.57E-1	5.1E-1	pCi/L
	940831-060	08/31/94	5.36E-1	5.4E-1	pCi/L
	940930-138	09/30/94	3.92E-1	3.2E-1	pCi/L
	941031-044	10/31/94	1.05E-1	2.1E-1	pCi/L
	941130-086	11/30/94	5.66E-2	1.1E-1	pCi/L
	941229-013	12/29/94	1.03E-1	2.1E-1	pCi/L
	950131-073	01/31/95	2.23E-1	2.2E-1	pCi/L
	950228-077	02/28/95	1.29E-1	1.8E-1	pCi/L
	950330-091	03/30/95	6.40E-2	1.3E-1	pCi/L
	950428-056	04/28/95	1.18E-1	1.7E-1	pCi/L
Uranium-238	940729-052	07/29/94	3.93E0	1.7E0	pCi/L
	940831-060	08/31/94	3.62E0	1.4E0	pCi/L
	940930-138	09/30/94	4.05E0	1.0E0	pCi/L
	941031-044	10/31/94	4.51E0	1.4E0	pCi/L
	941130-096	11/30/94	3.17E0	8.5E-1	pCi/L
	941229-013	12/29/94	3.49E0	8.7E-1	pCi/L
	950131-073	01/31/95	3.73E0	9.1E-1	pCi/L
	950228-077	02/28/95	3.17E0	9.0E-1	pCi/L
	950330-091	03/30/95	2.56E0	8.1E-1	pCi/L
	950428-056	04/28/95	2.54E0	7.7E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
K1710					
Alpha Activity	940714-015	07/13/94	-7.46E-3+	6.6E-1	pCi/L
	940817-138	09/17/94	-3.16E-1	1.1E0	pCi/L
	940930-142	09/30/94	2.22E0	1.1E0	pCi/L
	941021-019	10/20/94	2.37E0	1.1E0	pCi/L
	941124-005	11/23/94	3.56E0	3.1E0	pCi/L
	941207-099	12/07/94	0.00E0	1.7E0	pCi/L
	950126-012	01/25/95	-2.98E-1	1.0E0	pCi/L
	950228-072	02/28/95	3.26E-1+	8.8E-1	pCi/L
	950316-007	03/15/95	1.48E0	1.2E0	pCi/L
	950426-307	04/26/95	7.37E-1	8.6E-1	pCi/L
	950511-149	05/11/95			pCi/L
Beta Activity	940714-015	07/13/94	5.48E0	2.4E0	pCi/L
	940817-138	08/17/94	2.73E0	2.4E0	pCi/L
	940930-142	09/30/94	3.85E0	2.0E0	pCi/L
	941021-019	10/20/94	7.18E0	2.0E0	pCi/L
	941124-005	11/23/94	5.60E0	4.1E0	pCi/L
	941207-099	12/07/94	3.09E0	2.1E0	pCi/L
	950126-012	01/25/95	2.78E0	2.0E0	pCi/L
	950228-072	02/29/95	2.58E0	1.7E0	pCi/L
	950316-007	03/15/95	8.12E-1	2.0E0	pCi/L
	950426-307	04/26/95	3.75E0	1.8E0	pCi/L
	950511-149	05/11/95			pCi/L
Cesium-137	940714-015	07/13/94	-3.56E1F	8.4E1	pCi/L
	940817-138	08/17/94	6.06E0E	8.1E1	pCi/L
	940930-142	09/30/94	-5.23E1F	8.4E1	pCi/L
	941021-019	10/20/94	7.09E0E	2.8E1	pCi/L
	941124-005	11/23/94	-1.62E1G	1.2E1	pCi/L
	941207-099	12/07/94	-1.91E0F	3.7E0	pCi/L
	950126-012	01/25/95	-1.77E0F	2.0E1	pCi/L
	950228-072	02/28/95	3.64E0E	3.7E0	pCi/L
	950316-007	03/15/95	1.89E0E	3.8E0	pCi/L
	950426-307	04/26/95	4.05E-1E	3.7E0	pCi/L
	950511-149	05/11/95			pCi/L
Dissolved Solids	950330-102	03/30/95	140		mg/L
Neptunium-237	940714-015	07/13/94	-1.39E-1	5.5E-1	pCi/L
	940817-138	08/17/94	1.93E-1s	3.9E-1	pCi/L
	940930-142	09/30/94	0.00E0N	3.2E-1	pCi/L
	941021-019	10/20/94	-8.18E-2N	3.3E-1	pCi/L
	941124-005	11/23/94	-8.40E-2+	3.4E-1	pCi/L
	941207-099	12/07/94	2.40E-1	3.6E-1	pCi/L
	950126-012	01/25/95	-2.13E-1	3.3E-1	pCi/L
	950228-072	02/28/95	0.00E0+	2.0E-1	pCi/L
	950316-007	03/15/95	0.00E0	2.5E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
-----------	--------	------	---------	-------	-------

K1710 (continued)

Neptunium-237	950426-307	04/26/95	0.00E0	1.3E-1	pCi/L
	950511-149	05/11/95			pCi/L
Plutonium-238	940714-015	07/13/94	1.39E-1	2.8E-1	pCi/L
	940817-138	08/17/94	-2.1 1E-1	8.4E-1	pCi/L
	940930-142	09/30/94	1.01E-1	2.0E-1	pCi/L
	941021-019	10/20/94	8.95E-2	3.1E-1	pCi/L
	941124-005	11/23/94	7.83E-2*	1.6E-1	pCi/L
	941207-099	12/07/94	0.00E0	2.1E-1	pCi/L
	950126-012	01/25/95	6.68E-2N	3.5E-1	pCi/L
	950228-072	02/28/95	7.77E-1	5.5E-1	pCi/L
	950316-007	03/15/95	4.18E-1C	3.2E-1	pCi/L
	950426-307	04/26/95	5.96E-2	1.2E-1	pCi/L
	950511-149	05/11/95			pCi/L
Plutonium-239	940714-015	07/13/94	4.16E-I+	4.8E-1	pCi/L
	940817-138	08/17/94	0.00E0	7.3E-1	pCi/L
	940930-142	09/30/94	0.00E0	3.5E-1	pCi/L
	941021-019	10/20/94	0.00E0	3.1E-1	pCi/L
	941124-005	11/23/94	-7.83E-2+	2.7E-1	pCi/L
	941207-099	12/07/94	7.47E-2	1.5E-1	pCi/L
	950126-012	01/25/95	0.00E0N	2.3E-1	pCi/L
	950228-072	02/28/95	0.00E0+	2.4E-1	pCi/L
	950316-007	03/15/95	5.97E-2	2.1E-1	pCi/L
	950426-307	04/26/95	2.93E-2	5.9E-2	pCi/L
	950511-149	05/11/95			pCi/L
Potassium-40	950426-307	04/26/95	7.23E1	4.6E1	pCi/L
Technetium-99	940714-015	07/13/94	5.79E1	3.9E1	pCi/L
	940817-138	08/17/94	-1.39E1	3.6E1	pCi/L
	940930-142	09/30/94	-3.78E1	3.5E1	pCi/L
	941021-019	10/20/94	3.05E1	2.2E1	pCi/L
	941124-005	11/23/94	-2.50E1+	2.1E1	pCi/L
	941207-099	12/07/94	-1. 15E0	2.1E1	pCi/L
	950126-012	01/25/95	2.54E1	2.2E1	pCi/L
	950228-072	02/28/95	-1.69E1+	2.1E1	pCi/L
	950316-007	03/15/95	-2.33E0	2.1E1	pCi/L
	950426-307	04/26/95	1.42E1	8.7E0	pCi/L
	950511-149	05/11/95			pCi/L
Thorium-234	950126-012	01/25/95	3.50E2H	2.9E2	pCi/L
Uranium-234	940714-015	07/13/94	2.65E-1+	3.8E-1	pCi/L
	940817-138	08/17/94	0.00E0	5.3E-1	pCi/L
	940930-142	09/30/94	1.77E0	1.0E0	pCi/L
	941021-019	10/20/94	9.20E-1	5.3E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
-----------	--------	------	---------	-------	-------

K1710 (continued)

Uranium-234	941124-005	11/23/94	5.38E-1+	4.0E-1	pCi/L
	941207-099	12/07/94	7.17E-1	6.3E-1	pCi/L
	950126-012	01/25/95	5.73E-2	4.1E-1	pCi/L
	950229-072	02/28/95	1.79E-1+	4.0E-1	pCi/L
	950316-007	03/15/95	3.15E-1	3.0E-1	pCi/L
	950426-307	04/26/95	1.68E-1	2.0E-1	pCi/L
	950511-149	05/11/95			pCi/L
Uranium-235	940714-015	07/13/94	-2.78E1F	9.3E1	pCi/L
	940817-138	08/17/94	3.18E1E	9.2E1	pCi/L
	940930-142	09/30/94	5.09E1E	9.1E1	pCi/L
	941021-019	10/20/94	1.91E1E	4.4E1	pCi/L
	941124-005	11/23/94	5.40E0E	1.5E1	pCi/L
	941207-099	12/07/94	2.14E0E	6.0E0	pCi/L
	950126-012	01/25/95	-3.95E0F	3.9E1	pCi/L
	950228-072	02/28/95	3.04E0E	6.0E0	pCi/L
	950316-007	03/15/95	1.30E0E	6.0E0	pCi/L
	950426-307	04/26/95	-1.17E0F	6.0E0	pCi/L
	950511-149	05/11/95			pCi/L
Uranium-236	940714-015	07/13/94	-1.33E-1	5.3E-1	pCi/L
	940817-138	08/17/94	0.00E0	4.3E-1	pCi/L
	940930-142	09/30/94	9.94E-2	2.0E-1	pCi/L
	941021-019	10/20/94	-7.67E-2	3.1E-1	pCi/L
	941124-005	11/23/94	0.00E0	2.1E-1	pCi/L
	941207-099	12/07/94	0.00E0	2.1E-1	pCi/L
	950126-012	01/25/95	5.73E-2	1.1E-1	pCi/L
	950228-072	02/28/95	0.00E0	2.1E-1	pCi/L
	950316-007	03/15/95	0.00E0	1.8E-1	pCi/L
	950426-307	04/26/95	0.00E0	1.2E-1	pCi/L
	950511-149	05/11/95			pCi/L
Uranium-238	940714-015	07/13/94	-1.33E-1+	5.3E-1	pCi/L
	940817-138	08/17/94	1.52E-1	3.0E-1	pCi/L
	940930-142	09/30/94	6.89E-1	7.1E-1	pCi/L
	941021-019	10/20/94	1.53E0	7.2E-1	pCi/L
	941124-005	11/23/94	8.36E-1*	4.5E-1	pCi/L
	941207-099	12/07/94	2.99E-1	3.2E-1	pCi/L
	950126-012	01/25/95	5.73E-2	4.1E-1	pCi/L
	950228-072	02/28/95	1.79E-1+	2.1E-1	pCi/L
	950316-007	03/15/95	2.63E-1	2.4E-1	pCi/L
	950426-307	04/26/95	6.71E-2	1.3E-1	pCi/L
	950511-149	05/11/95			pCi/L

Parameter	Sample	Date	Results	Error	Units
K716					
Alpha Activity	940714-016	07/13/94	1.46E0	1.2E0	pCi/L
	940817-137	08/17/94	4.74E-1	1.3E0	pCi/L
	940930-143	09/30/94	1.10E0	8.6E-1	pCi/L
	941021-018	10/20/94	3.35E0	1.2E0	pCi/L
	941124-007	11/23/94	3.07E0	3.1E0	pCi/L
	941207-098	12/07/94	4.57E-1+	1.8E0	pCi/L
	950126-011	01/25/95	2.71E0	1.4E0	pCi/L
	950222-069	02/22/95	1. 12E0	1.3E0	pCi/L
	950315-076	03/15/95	1. 19E0+	1.2E0	pCi/L
	950426-306	04/26/95	1.69E0+	1.1E0	pCi/L
	950511-115	05/11/95			pCi/L
Beta Activity	940714-016	07/13/94	5.72E0	2.5E0	pCi/L
	940817-137	08/17/94	4.06E0+	2.5E0	pCi/L
	940930-143	09/30/94	2.49E0	1.9E0	pCi/L
	941021-018	10/20/94	7.25E0	2.0E0	pCi/L
	941124-007	11/23/94	8.22E-2	3.9E0	pCi/L
	941207-098	12/07/94	4.09E0	2.2E0	pCi/L
	950126-011	01/25/95	4.67E0	2.1E0	pCi/L
	950222-069	02/22/95	2.87E0	2.0E0	pCi/L
	950315-076	03/15/95	1.50E0+	2.0E0	pCi/L
	950426-306	04/26/95	3.38E0+	1.8E0	pCi/L
	950511-115	05/11/95			pCi/L
Cesium-137	940714-016	07/13/94	6.81E0E	7.9E1	pCi/L
	940817-137	08/17/94	-7.79E0F	3.5E1	pCi/L
	940930-143	09/30/94	3.48E1E	8.1E1	pCi/L
	941021-018	10/20/94	9.00E0E	2.8E1	pCi/L
	941124-007	11/23/94	1.7E0E	3.6E0	pCi/L
	941207-098	12/07/94	1.11E0E	3.6E0	pCi/L
	950126-011	01/25/95	2.93E-1E	1.1E1	pCi/L
	950222-069	02/22/95	-7.1 1E0F	1.1E1	pCi/L
	950315-076	03/15/95	8.36E-1E	3.6E0	pCi/L
	950426-306	04/26/95	-2.71E0F	1.1E1	pCi/L
	950511-115	05/11/95			pCi/L
Neptunium-237	940714-016	07/13/94	1.37E-Is	4.7E-1	pCi/L
	940817-137	08/17/94	0.00E0+	6.4E-1	pCi/L
	940930-143	09/30/94	0.00E0	3.1E-1	pCi/L
	941021-018	10/20/94	0.00E0	2.5E-1	pCi/L
	941124-007	11/23/94	0.00E0	2.3E-1	pCi/L
	941207-098	12/07/94	8.25E-2+	2.9E-1	pCi/L
	950126-011	01/25/95	-7.08E-2	8.2E-1	pCi/L
	930222-069	02/22/95	1.45E-1+	8.6E-1	pCi/L
	950315-076	03/15/95	1.49E-1+	2.1E-1	pCi/L
	950426-306	04/26/95	0.00E0+	1.3E-1	pCi/L
	950511-115	05/11/95			pCi/L

Parameter	Sample #	Date	Results	Error	Units
-----------	----------	------	---------	-------	-------

K716 (continued)

Plutonium-238	940714-016	07/13/94	0.00E0	4.7E-1	pCi/L
	940817-137	09/17/94	-2.03E-1	8.1E-1	pCi/L
	940930-143	09/30/94	0.00E0	3.4E-1	pCi/L
	941021-018	10/20/94	-9.58E-2+	3.8E-1	pCi/L
	941124-007	11/23/94	5.97E-1	4.2E-1	pCi/L
	941207-098	12/07/94	-7.69E-2+	3.1E-1	pCi/L
	950126-011	01/25/95	6.74E-2	3.6E-1	pCi/L
	950222-069	02/22/95	-1.38E-1+	3.4E-1	pCi/L
	950315-076	03/15/95	4.54E-1C	3.4E-1	pCi/L
	950426-306	04/26/95	-2.85E-2	1.1E-1	pCi/L
	950511-115	05/11/95			pCi/L
Plutonium-239	940714-016	07/13/94	1.37E-1	2.7E-1	pCi/L
	940817-137	08/17/94	0.00E0	7.0E-1	pCi/L
	940930-143	09/30/94	0.00E0	3.4E-1	pCi/L
	941021-018	10/20/94	9.58E-2	1.9E-1	pCi/L
	941124-007	11/23/94	-1.49E-1	3.3E-1	pCi/L
	941207-098	12/07/94	0.00E0	2.7E-1	pCi/L
	950126-011	01/25/95	6.74E-2	1.3E-1	pCi/L
	950222-069	02/22/95	6.91E-2+	1.4E-1	pCi/L
	950315-076	03/15/95	0.00E0+	1.8E-1	pCi/L
	950426-306	04/26/95	2.85E-2	5.7E-2	pCi/L
	950511-115	05/11/95			pCi/L
Technetium-99	940714-016	07/13/94	3.75E1	3.8E1	pCi/L
	940817-137	08/17/94	2.39E0+	3.7E1	pCi/L
	940930-143	09/30/94	-1.98E1	3.6E1	pCi/L
	941021-018	10/20/94	1.88E1+	2.2E1	pCi/L
	941124-007	11/23/94	3.03E0	2.1E1	pCi/L
	941207-098	12/07/94	2.30E0+	2.1E1	pCi/L
	950126-011	01/25/95	2.81E1	2.2E1	pCi/L
	950222-069	02/22/95	-9.44E0+	2.1E1	pCi/L
	950315-076	03/15/95	7.54E0+	2.1E1	pCi/L
	950426-306	04/26/95	2.39E1+	8.8E0	pCi/L
	950511-115	05/11/95			pCi/L
Uranium-234	940714-016	07/13/94	6.51E-1	6.8E-1	pCi/L
	940817-137	08/17/94	7.62E-1	5.8E-1	pCi/L
	940930-143	09/30/94	-1.21E-1	6.4E-1	pCi/L
	941021-018	10/20/94	1.28E0	5.9E-1	pCi/L
	941124-007	11/23/94	0.00E0	1.7E-1	pCi/L
	941207-098	12/07/94	5.00E-1+	6.1E-1	pCi/L
	950126-011	01/25/95	4.87E-1	5.4E-1	pCi/L
	950222-069	02/22/95	8.17E-1	1.5E-1	pCi/L
	950315-076	03/15/95	1.25E0	5.3E-1	pCi/L
	950426-306	04/26/95	4.76E-1+	2.9E-1	pCi/L
	950511-115	05/11/95			pCi/L

Parameter	Sample #	Date	Results	Error	Units
K716 (continued)					
Uranium-235	940714-016	07/13/94	6.73E1E	9.0E1	pCi/L
	940817-137	08/17/94	4.13E0E	6.7E1	pCi/L
	940930-143	09/30/94	6.38E1E	9.1E1	pCi/L
	941021-018	10/20/94	1.40E1E	4.4E1	pCi/L
	941124-007	11/23/94	3.26E0E	6.0E0	pCi/L
	941207-098	12/07/94	1.90E0E	6.0E0	pCi/L
	950126-011	01/25/95	1.20E1	8.8E0	pCi/L
	950222-069	02/22/95	-6.94E0F	1.5E1	pCi/L
	950315-076	03/15/95	1.98E0E	6.0E0	pCi/L
	950426-306	04/26/95	4.18E0E	1.5E1	pCi/L
	950511-115	05/11/95			pCi/L
Uranium-236	940714-016	07/13/94	-1.70E-1	6.8E-1	pCi/L
	940817-137	08/17/94	-1.09E-1	4.4E-1	pCi/L
	940930-143	09/30/94	0.00E0	4.2E-1	pCi/L
	941021-018	10/20/94	0.00E0	1.9E-1	pCi/L
	941124-007	11/23/94	6.14E-2	1.2E-1	pCi/L
	941207-098	12/07/94	6.25E-2+	1.2E-1	pCi/L
	950126-011	01/25/95	6.09E-2	1.2E-1	pCi/L
	950222-069	02/22/95	0.00E0	1.9E-1	pCi/L
	950315-076	03/15/95	1.04E-1	1.5E-1	pCi/L
	950426-306	04/26/95	3.40E-2+	6.8E-2	pCi/L
	950511-115	05/11/95			pCi/L
Uranium-238	940714-016	07/13/94	1.02E0	9.6E-1	pCi/L
	940817-137	08/17/94	5.44E-1	4.9E-1	pCi/L
	940930-143	09/30/94	2.42E-1	6.9E-1	pCi/L
	941021-018	10/20/94	9.47E-1	5.4E-1	pCi/L
	941124-007	11/23/94	6.14E-2	1.2E-1	pCi/L
	941207-098	12/07/94	6.25E-2	2.2E-1	pCi/L
	950126-011	01/25/95	8.52E-1	6.2E-1	pCi/L
	950222-069	02/22/95	1.36E0+	5.9E-1	pCi/L
	950315-076	03/15/95	8.85E-1	4.3E-1	pCi/L
	950426-306	04/26/95	4.42E-1+	2.6E-1	pCi/L
	950511-115	05/11/95			pCi/L

Parameter	Sample#	Date	Results	Error	Units
K901A					
Alpha Activity	940729-049	07/29/94	1.13E0+	1 1E0	pCi/L
	940831-07	09/31/94	3.12E0+	2..0E0	pCi/L
	940930-135	09/30/94	4.73E-1+	8.8E-1	pCi/L
	941031-041	10/31/94	4.02E0	1.8E0	pCi/L
	941130-083	11/30/94	1.55E0+	1.5E0	pCi/L
	941229-010	12/29/94	2.63E0	1.2E0	pCi/L
	950131-070	01/31/95	2.25E0+	1.5E0	pCi/L
	950228-074	02/28/95	1.50E0	1.1E0	pCi/L
	950330-088	03/30/95	1.34E0+	1.1E0	pCi/L
	950428-055	04/28/95	3.1 1E0	1.4E0	pCi/L
Beta Activity	940729-049	07/29/94	NA	NA	pCi/L
	940831-057	08/31/94	9.74E0	3.1E0	pCi/L
	940930-135	09/30/94	7.6 1E0	2.1E0	pCi/L
	941031-041	10/31/94	7.25E0	2.3E0	pCi/L
	941130-083	11/30/94	5.3 5E0	2.1E0	pCi/L
	941229-010	12/29/94	7.60E0	2.1E0	pCi/L
	950131-070	01/31/95	1.14E1	2.4E0	pCi/L
	950228-074	02/28/95	2.19E1	3.3E0	pCi/L
	950330-088	03/30/95	1.59E1	2.8E0	pCi/L
	950428-055	04/28/95	1.19E1+	2.3E0	pCi/L
Cesium-137	940729-049	07/29/94	-2.25EIF	3.5E1	pCi/L
	940831-057	08/31/94	3.48E1E	7.5E1	pCi/L
	940930-135	09/30/94	1.51E1E	7.8E1	pCi/L
	941031-041	10/31/94	-1.26E1F	2.1E1	pCi/L
	941130-083	11/30/94	5.61E0E	1.0E1	pCi/L
	941229-010	12/29/94	2.54E0E	3.6E0	pCi/L
	950131-070	01/31/95	9.17E-1E	3.9E0	pCi/L
	950228-074	02/28/95	-7.01E-1F	3.7E0	pCi/L
	950330-088	03/30/95	-3.67E0F	3.8E0	pCi/L
	950428-055	04/29/95	2.05E0E	3.7E0	pCi/L
Neptunium-237	940729-049	07/29/94	1.82E-1+	3.6E-1	pCi/L
	940831-057	08/31/94	0.00E10	6.0E-1	pCi/L
	940930-135	09/30/94	1.85E-1+	2.6E-1	pCi/L
	941031-041	10/31/94	3.36E-1+	3.4E-1	pCi/L
	941130-083	11/30/94	1.58E-1+	3.2E-1	pCi/L
	941229-010	12/29/94	7.90E-2	1.6E-1	pCi/L
	950131-070	01/31/95	0.00E0	2.6E-1	pCi/L
	950228-074	02/28/95	1.42E-1	2.8E-1	pCi/L
	950330-088	03/30/95	0.00E0	2.5E-1	pCi/L
	950428-055	04/28/95	2.13E-1+	2.5E-1	pCi/L
Plutonium-238	940729-049	07/29/94	2.00E-1+	4.0E-1	pCi/L
	940831-057	08/31/94	-1.91E-1	7.6E-1	pCi/L
	940930-135	09/30/94	0.00E0+	2.9E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
-----------	--------	------	---------	-------	-------

K901A (continued)

Plutonium-238	941031-041	10/31/94	2.35E-1	3.5E-1	pCi/L
	941130-083	11/30/94	7.35E-2+	2.5E-1	pCi/L
	941229-010	12/29/94	7.36E-2	2.9E-1	pCi/L
	950131-070	01/31/95	-1.41E-1+	4.0E-1	pCi/L
	950228-074	02/28/95	6.74E-2	3.0E-1	pCi/L
	950330-088	03/30/95	5.72E-1+	4.0E-1	pCi/L
	950428-055	04/28/95	0.00E0+	3.4E-1	pCi/L
Plutonium-239	940729-049	07/29/94	5.99E-1+	6.9E-1	pCi/L
	940831-057	08/31/94	0.00E0	6.6E-1	pCi/L
	940930-135	09/30/94	-1.01E-1+	4.1E-1	pCi/L
	941031-041	10/31/94	0.00E0	2.7E-1	pCi/L
	941130-083	11/30/94	7.35E-2	1.5E-1	pCi/L
	941229-010	12/29/94	1.47E-1	2.1E-1	pCi/L
	950131-070	01/31/95	0.00E0+	2.4E-1	pCi/L
	950228-074	02/29/95	0.00E0	2.3E-1	pCi/L
	950330-088	03/30/95	0.00E0+	2.0E-1	pCi/L
	950428-055	04/28/95	1.61E-1+	1.9E-1	pCi/L
Potassium-40	950330-088	03/30/95	1.04E2	5.2E1	pCi/L
Prep (PCB-	950330-N8	03/30/95			
Prep (PCB-	940831-057	08/31/94			
	940930-135	09/30/94			
	941031-041	10/31/94			
	941130-083	11/30/94			
	941229-010	12/29/94			
Technetium-99	940729-049	07/29/94	-1.08E1+	3.6E1	pCi/L
	940931-057	09/31/94	4.22E0+	3.7E1	pCi/L
	940930-135	09/30/94	3.73E0+	3.7E1	pCi/L
	941031-041	10/31/94	5.32E-1+	2.1E1	pCi/L
	941130-083	11/30/94	1.20E1+	2.1E1	pCi/L
	941229-010	12/29/94	-4.90E0	2.1E1	pCi/L
	950131-070	01/31/95	3.03E1+	2.2E1	pCi/L
	950228-074	02/28/95	3.18E1	2.1E1	pCi/L
	950330-088	03/30/95	3.39E0+	2.1E1	pCi/L
	950428-055	04/28/95	7.30E1	2.2E1	pCi/L
Thorium-234	940930-135	09/30/94	5.75E2Hi	6.9E2	pCi/L
Uranium-234	940729-049	07/29/94	7.41E-1+	7.41E-1	pCi/L
	940831-057	08/31/94	3.86E-1	5.8E-1	pCi/L
	940930-135	09/30/94	1.74E0	7.2E-1	pCi/L
	941031-041	10/31/94	1.79E-1+	7.2E-1	pCi/L
	941130-083	11/30/94	5.85E-1	3.5E-1	pCi/L
Parameter	Sample	Date	Results	Error	Units

K901A (continued)

Uranium-234	941229-010	12/29/94	1.49E0	6.3E-1	pCi/L
-------------	------------	----------	--------	--------	-------

	950131-070	01/31/95	1.01E0+	4.9E-1	pCi/L
	950228-074	02/29/95	1.15E0	6.1E-1	pCi/L
	950330-088	03/30/95	1.30E0	6.3E-1	pCi/L
	950428-055	04/28/95	7.04E-1*	3.9E-1	pCi/L
Uranium-235	940729-049	07/29/94	1.21E1E	6.8E1	pCi/L
	940831-057	09/31/94	1.35E1E	9.1E1	pCi/L
	940930-135	09/30/94	3.38E0E	9.3E1	pCi/L
	941031-041	10/31/94	1.63E1E	3.9E1	pCi/L
	941130-083	11/30/94	-1.41E1F	1.5E1	pCi/L
	941229-010	12/29/94	-4.87E-1F	6.0E0	pCi/L
	950131-070	01/31/95	2.96E0E	6.0E0	pCi/L
	950228-074	02/29/95	-1.28E01F	6.0E0	pCi/L
	950330-088	03/30/95	3.99E0E	6.0E0	pCi/L
	950428-055	04/28/95	4.80E-1E	6.0E0	pCi/L
Uranium-236	940729-049	07/29/94	0.00E0+	6.4E-1	pCi/L
	940831-057	08/31/94	0.00E0	4.5E-1	pCi/L
	940930-135	09/30/94	1.29E-1	1.8E-1	pCi/L
	941031-041	10/31/94	8.96E-2+	1.8E-1	pCi/L
	941130-083	11/30/94	5.32E-2+	1.1E-1	pCi/L
	941229-010	12/29/94	-5.71E-2	2.3E-1	pCi/L
	950131-070	01/31/95	5.92E-2+	1.2E-1	pCi/L
	950228-074	02/28/95	0.00E0	2.0E-1	pCi/L
	950330-088	03/30/95	1.18E-1	1.7E-1	pCi/L
	950428-055	04/28/95	5.41E-2+	1.1E-1	pCi/L
Uranium-238	940729-049	07/29/94	3.70E-1	5.2E-1	pCi/L
	940831-057	08/31/94	3.86E-1*	4.5E-1	pCi/L
	940930-135	09/30/94	6.46E-1	4.5E-1	pCi/L
	941031-041	10/31/94	9.85E-1	5.9E-1	pCi/L
	941130-083	11/30/94	7.45E-1	4.0E-1	pCi/L
	941229-010	12/29/94	9.14E-1	5.1E-1	pCi/L
	950131-070	01/31/95	6.51E-1	3.9E-1	pCi/L
	950228-074	02/28/95	1.03E1	4.9E-1	pCi/L
	950330-088	03/30/95	7.11E-1	4.1E-1	pCi/L
	950428-055	04/28/95	7.04E-1+	3.9E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
WFPC					
Alpha Activity	940714-017	07/13/94	3.19E-1	B.0E-1	pCi/L
	940817-139	08/17/94	-1.66E-1	1.1E0	pCi/L
	940930-141	09/30/94	-8.64E-4+	5.8E-1	pCi/L
	941021-020	10/20/94	5.80E-1	5.6E-1	pCi/L
	941124-006	11/23/94	2.49E0	3.0E0	pCi/L
	941207-100	12/07/94	-1.85E0	1.5E0	pCi/L
	950126-010	01/25/95	3.78E-1	1.1E0	pCi/L
	950228-073	02/28/95	-5.01E-1	7.0E-1	pCi/L
	950316-004	03/15/95	3.69E-1	1.0E0	pCi/L
	950426-308	04/26/95	-8.96E-2	6.9E-1	pCi/L
	950511-145	05/11/95			
Beta Activity	940714-017	07/13/94	3.73E0	2.3E0	pCi/L
	940817-139	08/17/94	3.67E0	2.5E0	pCi/L
	940930-141	09/30/94	3.46E0+	1.9E0	pCi/L
	941021-020	10/20/94	4.35E0	1.8E0	pCi/L
	941124-006	11/23/94	4.52E0	4.0E0	pCi/L
	941207-100	12/07/94	1.93E0	2.1E0.	pCi/L
	950126-010	01/25/95	2.74E0	2.0E0	pCi/L
	950228-073	02/28/95	1.78E0	1.7E0	pCi/L
	950316-004	03/15/95	-2.14E-1	1.9E0	pCi/L
	950426-308	04/26/95	1.93E0	1.7E0	pCi/L
	950511-145	05/11/95			
Cesium-137	940714-017	07/13/94	-7.1 1E1F	8.5E1	pCi/L
	940817-139	09/17/94	-1.24E1F	3.4E1	pCi/L
	940930-141	09/30/94	7.35E1E	7.7E1	pCi/L
	941021-020	10/20/94	1.74E1F	8.2E1	pCi/L
	941124-006	11/23/94	3.3 1E0E	1.1E1	pCi/L
	941207-100	12/07/94	1.00E-1E	1.1E1	pCi/L
	950126-010	01/25/95	-2.35E1F	5.7E1	pCi/L
	950228-073	02/28/95	2.40E0E	1.1E1	pCi/L
	950316-004	03/15/95	7.01E-1E	1.0E1	pCi/L
	950426-308	04/26/95	-3.21E0F	1.1E1	pCi/L
	950511-145	05/11/95			pCi/L
Dissolved Solids	950330-101	03/30/95	130		mg/L
Neptunium-237	940714-017	07/13/94	0.00E0	4.0E-1	pCi/L
	940817-139	09/17/94	0.00E0	6.3E-1	pCi/L
	940930-141	09/30/94	1.80E-1+	2.5E-1	pCi/L
	941021-020	10/20/94	-9.11E-2	3.6E-1	pCi/L
	941124-006	11/23/94	2.37E-1	3.5E-1	pCi/L
	941207-100	12/07/94	8.19E-2	2.8E-1	pCi/L
	950126-010	01/25/95	-6.99E-2	3.1E-1	pCi/L
	950228-073	02/28/95	2.13E-1	3.2E-1	pCi/L
	950316-004	03/15/95	2.10E-1	2.4E-1	pCi/L

Parameter	Sample	Date	Results	Error	Units
WFPC (continued)					
Neptunium-237	950426-308	04126/95	3.65E-2	7.3E-2	pCi/L
	950511-145	05/11/95			pCi/L
Plutonium-238	940714-017	07/13/94	0.00E0	4.9E-1	pCi/L
	940817-139	08/17/94	-2.00E-1	8.0E-1	pCi/L
	940930-141	09/30/94	0.00E0	3.4E-1	pCi/L
	941021-020	10/20/94	-9.96E-2	4.0E-1	pCi/L
	941124-006	11/23/94	2.21E-1	2.6E-1	pCi/L
	941207-100	12/07/94	-7.64E-2	3.1E-1	pCi/L
	950126-010	01/25/95	1.35E-1	3.8E-1	pCi/L
	950228-073	02/28/95	-1.33E-1	3.0E-1	pCi/L
	950316-004	03/15/95	4.56E-1C	3.7E-1	pCi/L
	950426-308	04/26/95	-2.82E-2	1.1E-1	pCi/L
	950511-145	05/11/95			
Plutonium-239	940714-017	07/13/94	0.00E0	4.9E-1	pCi/L
	940817-139	09/17/94	0.00E0	6.9E-1	pCi/L
	940930-141	09/30/94	9.84E-2+	2.0E-1	pCi/L
	941021-020	10/20/94	0.00E0	3.5E-1	pCi/L
	941124-006	11/23/94	-1.47E-1	3.3E-1	pCi/L
	941207-100	12/07/94	0.00E0	2.6E-1	pCi/L
	950126-010	01/25/95	0.00E0	2.3E-1	pCi/L
	950228-073	02/28/95	0.00E0	2.3E-1	pCi/L
	950316-004	03/15/95	7.60E-2	2.6E-1	pCi/L
	950426-308	04/26/95	0.00E0	9.8E-2	pCi/L
	950511-145	05/11/95			pCi/L
Technetium-99	940714-017	07/13/94	1.97E1	3.7E1	pCi/L
	940817-139	08/17/94	7.79E1	3.9E1	pCi/L
	940930-141	09/30/94	5.82E1+	3.8E1	pCi/L
	941021-020	10/20/94	5.16E1	2.2E1	pCi/L
	941124-006	11/23/94	9.81E0	2.1E1	pCi/L
	941207-100	12/07/94	4.30E0	2.1E1	pCi/L
	950126-010	01/25/95	4.06E1	2.2E1	pCi/L
	950228-073	02/28/95	1.37E1	2.1E1	pCi/L
	950316-004	03/15/95	2.13E1	2.2E1	pCi/L
	950426-308	04/26/95	1.51E1	8.7E0	pCi/L
	950511-145	05/11/95			
Thorium-234	950316-004	03/15/95	1.06E2i	1.1E2	pCi/L
Uranium-234	940714-017	07/13/94	2.30E-1	4.6E-1	pCi/L
	940817-139	09/17/94	1.82E-1	3.6E-1	pCi/L
	940930-141	09/30/94	-3.12E-1*	4.1E-1	pCi/L
	941021-020	10/20/94	1.58E-1	2.2E-1	pCi/L
	941124-006	11/23/94	1.83E-1	2.7E-1	pCi/L
	941207-100	12/07/94	-4.20E-1	3.6E-1	pCi/L
Parameter	Sample	Date	Results	Error	Units

WFPC (continued)

Uranium-234	950126-010	01/25/95	5.82E-2	4.2E-1	pCi/L
	950228-073	02/29/95	2.21E-1	3.8E-1	pCi/L
	950316-004	03/15/95	2.18E-1	2.7E-1	pCi/L
	950426-308	04/26/95	1.89E-1	2.0E-1	pCi/L
	950511-145	05/11/95			pCi/L
Uranium-235	940714-017	07/13/94	4.13E0E	9.1E1	pCi/L
	940817-139	08/17/94	-9.56E0F	6.8E1	pCi/L
	940930-141	09/30/94	2.75E0E	9.2E1	pCi/L
	941021-020	10/20/94	2.64E1E	9.1E1	pCi/L
	941124-006	11/23/94	-9.26E0F	1.5E1	pCi/L
	941207-100	12/07/94	8.84E0E	1.5E1	pCi/L
	950126-010	01/25/95	1.21E1E	7.7E1	pCi/L
	950228-073	02/29/95	-3.14E0F	1.5E1	pCi/L
	950316-004	03/15/95	-3.21E0F	1.5E1	pCi/L
	950426-308	04/26/95	-5.33E0F	1.5E1	pCi/L
	950511-145	05/11/95			pCi/L
	Uranium-236	940714-017	07/13/94	0.00E0	6.5E-1
940817-139		08/17/94	-1.82E-1	7.3E-1	pCi/L
940930-141		09/30/94	7.79E-2	1.6E-1	pCi/L
941021-020		10/20/94	-7.91E-2	3.2E-1	pCi/L
941124-006		11/23/94	0.00E0	2.1E-1	pCi/L
941207-100		12/07/94	0.00E0	2.1E-1	pCi/L
950126-010		01/25/95	0.00E0	2.0E-1	pCi/L
950228-073		02/29/95	0.00E0	1.9E-1	pCi/L
950316-004		03/15/95	0.00E0	1.9E-1	pCi/L
950426-308		04/26/95	0.00E	1.1E-1	pCi/L
950511-145		05/11/95			pCi/L
Uranium-238		940714-017	07/13/94	-2.30E-1	9.2E-1
	940817-139	08/17/94	0.00E0	6.3E-1	pCi/L
	940930-141	09/30/94	-2.34E-1	3.8E-1	pCi/L
	941021-020	10/20/94	0.00E0	2.2E-1	pCi/L
	941124-006	11/23/94	0.00E0	2.1E-1	pCi/L
	941207-100	12/07/94	-6.00E-2	2.4E-1	pCi/L
	950126-010	01/25/95	-2.33E-1	3.3E-1	pCi/L
	950228-073	02/28/95	1.10E-1	1.6E-1	pCi/L
	950316-004	03/15/95	0.00E0	1.9E-1	pCi/L
	950426-308	04/26/95	1.26E-1	1.5E-1	pCi/L
	950511-145	05/11/95			pCi/L

Parameter	Sample	Date	Results	Error	Units
WFPCD					
Alpha Activity	950126-009	01/25/95	-7.44E-2+	1.0E0	pCi/L
Beta Activity	950126-009	01/25/95	5.99E-1+	1.9E0	pCi/L
Cesium-137	950126-009	01/25/95	1.14E1E	2.1E1	pCi/L
Neptunium-237	950126-009	01/25/95	-7.43E-2+	3.3E-1	pCi/L
Plutonium-238	950126-009	01/25/95	6.65E-2	3.5E-1	pCi/L
Plutonium-239	950126-009	01/25/95	6.65E-2	1.3E-1	pCi/L
Technetium-99	950126-009	01/25/95	1.86E1+	2.1E1	pCi/L
Uranium-234	950126-009	01/25/95	0.00E0+	3.9E-1	pCi/L
Uranium-235	950126-009	01/25/95	5.83E0E	3.9E1	pCi/L
Uranium-236	950126-009	01/25/95	5.67E-2+	1.1E-1	pCi/L
Uranium-238	950126-009	01/25/95	-2.27E-1+	3.2E-1	pCi/L