Liquid Effluent Study Characterization Data

Prepared for the U.S. Department of Energy
Office of Environmental Restoration and
Waste Management

Westinghouse
Hanford Company Richland, Washington

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ABSTRACT

During the development of the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), public comments were received regarding reduction of the discharge of liquid effluents into the soil column. As a result, the U.S. Department of Energy (DOE), with concurrence of the Washington State Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (EPA), committed to a special project designed to document the discharge history and the character of Hanford Site liquid discharges. The results of this project will be used in determining the need for additional waste stream analysis, and/or to negotiate additional milestones pertaining to such discharges in the Tri-Party Agreement.

Wastestream sampling data collected prior to October 1989 were reported the Waste Stream Characterization Report. Preliminary Stream-specific Reports were prepared which evaluated that data and proposed dangerous waste designations for each stream. This document contains the wastestream sampling and analysis data collected as part of the liquid effluent study. Data contained in this report were obtained from samples collected from October 1989 through March 1990. Information is presented on the wastestreams that have been sampled, the parameters analyzed, and the dates and times at which the samples were collected. This information will be evaluated in the final Stream-specific Reports.

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1.0 INTRODUCTION

1.1 Overview

During the public comment period of the Hanford Federal Facility Agreement and Consent Order (Ecology/EPA/DOE 1989), several comments were received concerning the disposal of liquid effluents to the ground. In response to these comments and at the request of the Washington State Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (EPA), the U.S. Department of Energy (DOE) initiated a program to report the history and characteristics of these effluents.

This program is described in the document entitled Draft Liquid Effluent Study Project Plan (WHC 1990a). The results of this program will be utilized in determining the need for revising the current plan for eliminating discharges of contaminated liquid effluents into the soil column. A portion of this study consists of characterizing 33 key liquid effluent streams on the Hanford Site. Individual, preliminary reports for each effluent were prepared as part of this stream characterization effort (WHC 1990b). These addressed data collected prior to October 1989, with the exception of the reports for the N Reactor effluent and the 300 Area process wastewater, which factored in more recent data.

1.2 Purpose

This document contains the waste stream sampling and analysis data from effluent samples collected between October 2, 1989, and March 29, 1990. Information is presented on the wastestreams that have been sampled, the parameters analyzed, and the dates and times at which the samples were collected. Additional stream-specific information was presented in the individual, preliminary reports for each effluent (WHC 1990b). The final stream-specific reports will address the recent data presented herein.

1.3 Scope

The characterization effort addresses the 33 liquid effluent streams identified in the document Annual Status Report of the Plan and Schedule to Discontinue Disposal of Contaminated Liquid into the Soil Column at the Hanford Site (Millikin 1989). These effluent streams are listed in Table 1-1. This document provides data for 24 of these streams. The remaining nine streams were not sampled for reasons explained in Section 2.2. This document does not address other sections of the Draft Liquid Effluent Study Plan (WHC 1990a), such as groundwater characterization or waste disposal site assessment.

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Table 1-1 Liquid Effluent Wastestreams

<u>Area</u>	<u>Wastestream</u>
100 Areas	N Reactor effluent * 163-N Demineralizer Plant wastewater * 183-D Filter backflush wastewater *
200 Areas	PUREX Plant chemical sewer * PUREX Plant process condensate * PUREX Plant ammonia scrubber condensate PUREX Plant steam condensate * PUREX Plant cooling water * B Plant chemical sewer * B Plant process condensate B Plant steam condensate B Plant cooling water * Plutonium Finishing Plant wastewater * S Plant wastewater * T Plant Laboratory wastewater * T Plant wastewater * U03 Plant process condensate U03/U Plants wastewater * 241-A Tank Farm cooling water * 241-AZ Tank Farms steam condensate 242-A Evaporator process condensate 242-A Evaporator steam condensate * 242-A Evaporator cooling water 242-S Evaporator steam condensate * 244-AR Vault cooling water * 209-E Laboratory reflector water 222-S Laboratory wastewater * 2101-M Laboratory wastewater 2724-W Laundry wastewater * 284-E Powerhouse wastewater * 284-W Powerhouse wastewater *
300 Area	300 Area wastewater *
400 Area	400 Area secondary cooling water *

* = Samples collected between 10/89 - 3/90

2.0 SAMPLING SCHEDULE

2.1 Tentative Sampling Schedule

The tentative sampling schedule was presented in the Waste Stream Characterization Report (WHC 1989). This schedule was based on the collection of four random samples from each of the active wastestreams between October 2, 1989, and January 31, 1990. When the schedule was prepared, it was recognized that modifications might be necessary depending on manpower, equipment availability, changing sampling priorities, and the status of the various facilities.

The tentative schedule called for the sampling of 27 wastestreams. During the preparation of this original sampling schedule, it was anticipated that the following six streams would be inactive during the sampling period:

- o PUREX Plant Process Condensate
- o PUREX Plant ammonia scrubber condensate
- o 242-A Evaporator process condensate
- o 242-A Evaporator cooling water
- o 241-AZ Tank Farms steam condensate
- o 209-E Laboratory

2.2 Actual Sampling Schedule

The actual sampling schedule reflects the sampling of 24 wastestreams. The list of active streams experienced a net decrease of two over those identified above. Another stream, the 2101-M Laboratory wastewater, was not sampled because of standing water at the only available sampling location. The actual list of inactive streams includes (* additions):

- o B Plant process condensate *
- o B Plant steam condensate *
- o UO₃ Plant process condensate *
- o PUREX Plant ammonia scrubber condensate
- o 242-A Evaporator process condensate
- o 242-A Evaporator cooling water
- o 241-AZ Tank Farms steam condensate
- o 209-E Laboratory

The PUREX Plant process condensate was taken off the inactive list as a consequence of the stabilization or "clean-out" run at PUREX. It is also worth noting that the 2101-M stream, mentioned above, currently consists only of effluent related to heating and cooling the building, since the laboratory is not in operation.

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The tentative sampling schedule was also modified to allow the collection of additional samples during the PUREX Plant clean-out run. Additional samples (more than the 4 originally planned) were collected from the PUREX Plant cooling water, steam condensate, and process condensate.

In summary, 9 of the 33 streams were not sampled during the sampling period from October 2, 1989, to March 29, 1990. Of the sampled streams, 17 were sampled 4 times each; 3 were sampled 6 times each; one was sampled 3 times; one was sampled 5 times; one was sampled 9 times; and one was sampled 27 times. Appendix A contains a listing of the date and time each sample was collected.

2.3 Waste Generation Configuration

The operating configuration of the waste generator can influence wastestream properties. A total of 24 alternative waste generation configurations have been identified for 9 of the 33 wastestreams. The 9 wastestreams and their alternative process configurations are listed in Table 2-1. These configurations are explained in more detail within the individual stream-specific reports (WHC 1990b).

Table 2-1 Wastestreams and Alternative Configurations

Wastestream subset	Alternative Configuration
163-N Demineralizer Plant wastewater-1	Demineralizer bypass
163-N Demineralizer Plant wastewater-2	Ion exchanger regeneration
PUREX chemical sewage-1	Ion exchanger regenerate
PUREX chemical sewage-2	Routine operation
B Plant chemical sewage-1A	Anion exchanger regenerate
B Plant chemical sewage-1B	Cation exchanger regenerate
B Plant chemical sewage-2	Routine operation
Plutonium Finishing Plant wastewater-1	Plutonium Reclamation Facility (PRF)
Plutonium Finishing Plant wastewater-2	Remote Mechanical C Line (RMC)
Plutonium Finishing Plant wastewater-3	Not during PRF or RMC
T Plant Laboratory wastewater-1	Plasma torch operation
T Plant Laboratory wastewater-2	Plasma torch standby
UO3 Plant process condensate-1	Uranium calcination
UO3 Plant process condensate-2	Standby
242-A Evaporator process condensate-1	Clad-removal waste feed
242-A Evaporator process condensate-2	Linked feed
242-A Evaporator process condensate-3	Ammonia scrubber feed
242-A Evaporator process condensate-4	Saltwell feed
284-E Powerhouse wastewater-1	Blowdown
284-E Powerhouse wastewater-2	Water softener regenerate
284-E Powerhouse wastewater-3	Routine operation
284-W Powerhouse wastewater-1	Blowdown
284-W Powerhouse wastewater-2	Water softener regenerate
284-W Powerhouse wastewater-3	Routine operation

Note: The configuration of the generator was recorded when one of these 9 wastestreams was sampled. Appendix A identifies the configuration of the waste generator during the collection of each of the samples collected as part of this study.

3.0 SAMPLE COLLECTION

Procedures for sample collection, preservation, transport, documentation, and maintaining chain of custody are consistent with U.S. Environmental Protection Agency procedures (EPA 1986). Appendix B identifies the locations that were used to collect the wastestream samples. These sampling locations are consistent with the locations presented in the Waste Stream Characterization Report (WHC 1989), with one exception, the PUREX Plant process condensate. Since flow to the 216-A-45 crib was discontinued, the former sampling location for this stream is no longer in line, and another appropriate location was selected.

Appendix C identifies 28 sample containers that are filled in the course of collecting a wastestream sample. The analytical methods that are performed on the contents of each container; the container volume; the composition of the container, the lid, and the lid liner; the preservatives that are employed; and whether any headspace can exist in the container after sampling are also identified.

The contents of each sample container supports one or more analytical methods. These method samples can be primary wastewater samples, duplicate wastewater samples, sample blanks, or transfer blanks. Duplicates provide the opportunity for the laboratory to repeat analyses. The methods that require duplicates are selected based on the experience of the analytical laboratory.

Four sample numbers are routinely assigned by the analytical laboratory to various containers, or partial analyses thereof, within each complete sample set:

- o The first is the **primary sample number** that is assigned to waste analyses associated with most of the laboratory procedures.
- o The second is a **blank sample number** for volatile organic analysis (VOA). The blank is prepared from high-quality water and sealed in the Westinghouse Hanford Company Process Development Laboratory before the samples are collected. The blank remains sealed until it is opened in the analytical laboratory where it is processed and analyzed with the VOA sample.
- o The third is a **VOA transfer blank sample number**. The transfer blank is handled exactly like the blank with one exception -- the transfer blank is opened in the field while the VOA sample is being collected and resealed when the VOA sample is sealed.
- o The fourth sample number has no unique label. It is assigned to that portion of the sample that is analyzed by the Extraction Procedure Toxicity Test, the Ignitability Test, the Reactivity Tests, and laboratory measurements of pH and conductivity.

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Appendix A lists the sample numbers assigned to samples collected during this study. Section 5 discusses a modification of this format which results in a more easily recognizable numbering system. The alternate (or abbreviated) format is used in the data appendices.

4.0 SAMPLE ANALYSIS

Appendix C lists the analytical methods that were employed during this study. In all cases, preference is given to EPA methods described in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, SW-846 (EPA 1986). When an SW-846 method was not available, alternative methods were selected in the following order: 1) other EPA methods, 2) standard methods (APHA/AWWA/WPCF 1985 or ASTM 1986), or 3) local methods. These methods are discussed in greater detail in the Waste Stream Characterization Report (WHC 1989).

All analyses listed in Appendix C were requested for all samples except for the N Reactor effluent; only 4 of the 27 N Reactor effluent samples received the full suite of analyses. This was due to the incorporation of additional, routine data (obtained using the same sampling protocol as the Site-wide program) being collected by N Reactor operations, into the available data pool. The preliminary stream specific report for the N Reactor effluent (WHC 1990b, Addendum 3) explains these additional samples in detail.

All samples were analyzed by the U. S. Testing Company, Incorporated, of Richland, Washington.

5.0 ANALYTICAL RESULTS

The results of the sampling and analysis study are reported in Appendices D and E. Appendix D, a printed report, is a subset of the complete listing of results on microfiche that appear in Appendix E.

Appendix D excludes some of the "censored" data that are reported within Appendix E. Censored data consist of less-than detection limit or greater-than detection limit data. For example, typical censored data include ranges such as <5 ppb or >208 °F. The first example, <5 ppb, indicates that the concentration of the analyte is in the range that extends from 0 ppb to less than the detection limit of the method (i.e. 5 ppb). The second example indicates that the flash point of the sample is greater than 208 °F. The data provided in Appendix D is similar to the subset employed in the stream-specific reports (WHC 1990b) as part of the designation process according to WAC 173-303 (Ecology 1989).

Except for the following two cases, censored values are not included in the data reports contained in Appendix D:

1. Analyte data sets that contain at least one detected (uncensored) value. For example, if the results of analytical procedures for four samples were: <10 ppb, 20 ppb, <10 ppb, and 50 ppb, all four concentrations would be reported in Appendix D. If all four values were <10 ppb, they would not appear in Appendix D. For example, if no sample-based evidence exists that zinc is present in the wastewater, it is not reported in Appendix D.
2. Characteristic data for ignitability, reactivity and extraction procedure toxicity. Results for characteristics are reported by the analytical laboratory as censored values when they are less than the limits of WAC 173-303-090 (Ecology 1989). These censored data are included in Appendix D.

Data reported by the laboratory under the primary sample number (see Section 3.0) are listed in the data reports with the primary sample number. Data for VOA blanks are listed in the data reports by the primary sample number and the suffix "B". Data for VOA transfer blanks are listed in the data reports by the primary sample number and the suffix "T". Data from extraction procedure toxicity (EP Tox) testing, ignitability testing, reactivity testing and laboratory measurements of pH and conductivity are listed in the data reports by the primary sample number with the suffix "E" (for "extract", a term only applicable to the EP Tox portion).

The use of sample numbers and suffixes facilitates the computer sort of all data for a wastestream sample that was collected from a single location at a specific time, without losing track of appropriate distinctions. This format does not impact traceability to any relevant laboratory records.

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Table 5-1 lists each analyte that has been detected at least once during the study. Table 5-2 lists each analyte that has consistently been reported below the detection limit. That is the analyte was looked for, according to a specific requirement in the analytical laboratory's contract, but never detected.

Appendix F lists the common names of the molecular analytes in this study with sufficient information to unambiguously identify them. The handbook name and formula can be used with any standard chemical handbook to develop the compound's structure. The Chemical Abstracts Service name and associated number can be used to access the chemical literature.

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Table 5-1 Analytes Detected At Least Once. (Sheet 1 of 2)

INORGANICS

Aluminum
Arsenic
Barium
Barium (EP Toxic)
Beryllium
Boron
Cadmium
Calcium
Chloride
Chromium
Cobalt
Copper
Cyanide
Fluoride
Iron
Lead
Lithium
Magnesium
Manganese
Mercury
Nickel
Nitrate
Nitrite
Phosphate
Potassium
Silicon
Sodium
Strontium
Sulfate
Sulfide
Thallium
Titanium
Uranium
Vanadium
Zinc

ORGANICS

Acetone
Ammonia
Benzoic acid
Benzyl alcohol
Bis(2-ethylhexyl) phthalate

ORGANICS (Cont'd.)

Bromodichloromethane
1-Butanol
2-Butanone
1-Butoxy-2-propanol
Butylated hydroxy toluene
Butylbenzyl phthalate
Caffeine
Decane
Dibutylphosphate
Dichloromethane
Di-n-octyl phthalate
Dodecane
Hydrazine
MIBK (Hexone)
Phthalic anhydride
Tetrachloromethane
Tetradecane
Tetrahydrofuran
Toluene
Tributylphosphate
Trichloromethane
Tridecane
Undecane
Unidentified constituent
Unknown
Unknown acid
Unknown aliphatic alcohol
Unknown aliphatic HC
Unknown aliphatic nitric acid ester
Unknown aliphatic phosphate ester
Unknown amide
Unknown amine
Unknown compound
Unknown cyclic or unsaturated HC
Unknown ester
Unknown fatty acid
Unknown glycol
Unknown hydrocarbon
Unknown oxygenated PAH
Unknown phthalate
Unknown polycyclic HC
Unknown sulfur compound

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Table 5-1 Analytes Detected At Least Once. (Sheet 2 of 2)

MISCELLANEOUS

Alkalinity (MethodB)
Conductivity
Ignitability
pH
Suspended Solids
TDS (Total dissolved solids)
Temperature
TOC (Total organic carbon)
Total Carbon
TOX (Total organic halides)

RADIONUCLIDES

Alpha Activity
Beta Activity
Radium Total

Am-241
Cm-242
Cm-244
Co-60
Cs-134
Cs-137
C-14
H-3
I-129
Mn-54
Na-22
Pb-210
Pu-238
Pu-239/240
Ra-228
Ru-106
Sr-90
U-234
U-235
U-238

Table 5-2 Analytes Reported But Never Detected (Sheet 1 of 3)

INORGANICS

Arsenic (EP Toxic)
 Bromide
 Cadmium (EP Toxic)
 Chromium (EP Toxic)
 Lead (EP Toxic)
 Mercury (EP Toxic)
 Molybdenum
 Selenium
 Selenium (EP Toxic)
 Silver
 Silver (EP Toxic)
 Tin
 Zirconium

ORGANICS

Acenaphthalene
 Acenaphthene
 Acetonitrile
 Acetyl bromide
 Acetophenone
 2-Acetylaminofluorene
 Acrolein
 Acrylamide
 Acrylonitrile
 Aldicarb
 Allyl alcohol
 Allyl chloride
 4-Aminobiphenyl
 Aminoethylene
 5-Aminoethyl-3-isoxazolol
 1-Aminonaphthalene
 2-Aminonaphthalene
 Auramine
 Benz[c]acridine
 Benz[a]anthracene
 Benzene
 1,4-Benzenediamine
 Benzidine
 Benzo[b]fluoranthene
 Benzo[j]fluoranthene
 Benzo[k]fluoranthene
 Benzo[rs]t]pentaphene

ORGANICS (Cont'd.)

Benzo[ghi]perylene
 Benzo[a]pyrene
 4-Benzoquinone
 Benzyl chloride
 Bis(2-chloroethoxy)methane
 Bis(2-chloroethyl) ether
 Bis(chloroisopropyl) ether
 Bis(chloromethyl) ether
 Bis(chloromethylethyl) ether
 Bromomethane
 4-Bromophenylphenyl ether
 1-Butynol
 Carbon disulfide
 Chloroalkyl ethers
 4-Chloroaniline
 Chlorobenzene
 4-Chloro-3-cresol
 Chloroethane
 Chloroethene
 2-Chloroethylvinyl ether
 Chloromethane
 Chloromethylmethyl ether
 Chloronaphazine
 2-Chlorophenol
 3-Chloropropionitrile
 Chrysene
 Cresol
 Crotonaldehyde
 2,4-DCP
 Diallate
 Dibenz[a,h]acridine
 Dibenz[a,j]acridine
 Dibenz[a,h]anthracene
 7H-Dibenzo[c,g]carbazole
 Dibenzofuran
 Dibenzo[a,e]pyrene
 Dibenzo[a,h]pyrene
 Dibromochloromethane
 1,2-Dibromo-3-chloropropane
 1,2-Dibromoethane
 Dibromomethane
 Di-n-butyl phthalate
 1,2-Dichlorobenzene
 1,3-Dichlorobenzene

Table 5-2 Analytes Reported But Never Detected (Sheet 2 of 3)

ORGANICS (Cont'd.)

1,4-Dichlorobenzene
 3,3'-Dichlorobenzidine
 1,4-Dichloro-2-butene
 Dichlorodifluoromethane
 1,1-Dichloroethane
 1,1-Dichloroethene
 1,2-Dichloroethene
 Dichloromethylbenzene
 2,6-Dichlorophenol
 1,2-Dichloropropane
 1,3-Dichloropropane
 N,N-Diethylhydrazine
 Diethyl phthalate
 Dihydrosafrole
 3,3'-Dimethoxybenzidine
 4-Dimethylaminoazobenzene
 Dimethylbenz[a]anthracene
 3,3'-Dimethylbenzidine
 N,N-Dimethylhydrazine
 N,N'-Dimethylhydrazine
 Dimethyl phthalate
 Dinitrobenzene
 Dinitrocresol and salts
 Dinitro-2-cyclohexylphenol
 2,4-Dinitrophenol
 2,4-Dinitrotoluene
 2,6-Dinitrotoluene
 1,4-Dioxane
 Diphenylamine
 N,N'-Diphenylhydrazine
 Epichlorohydrin
 Ethanol
 Ethenyl acetate
 Ethylbenzene
 Ethyl cyanide
 Ethylene glycol
 Ethylene oxide
 Ethylmethacrylate
 Ethylmethanesulfonate
 Fluoranthene
 Fluorene
 Formaldehyde
 Hexachlorobenzene
 Hexachlorobutadiene

ORGANICS (Cont'd.)

Hexachlorocyclopentadiene
 Hexachloroethane
 Hexachlorophene
 Hexachloropropene
 2-Hexanone
 Indeno(1,2,3-cd)pyrene
 Iodomethane
 Isodrin
 Isophorone
 Isosafrole
 Kerosene
 Maleichydrazide
 Malononitrile
 Melphalan
 Methacrylonitrile
 Methapyrilene
 2-Methylaziridine
 3-Methylcholanthrene
 Methylenebischloroaniline
 2-Methylactonitrile
 Methyl mercaptan
 Methylmethacrylate
 Methylnitrosourethane
 2-Methylpropan-1-ol
 2-Methylpyridine
 Methylthiouracil
 Monobutylphosphate
 Naphthalene
 1,4-Naphthalenedione
 Nicotinic acid
 2-Nitroaniline
 3-Nitroaniline
 4-Nitroaniline
 Nitrobenzene
 2-Nitrophenol
 4-Nitrophenol
 4-Nitroquinoline-1-oxide
 N-Nitroso-n-butylamine
 N-Nitrosodiethanolamine
 N-Nitrosodimethylamine
 N-Nitrosodiphenylamine
 N-Nitrosomethylethylamine
 N-Nitrosomethylvinylamine
 N-Nitrosomorpholine

Table 5-2 Analytes Reported But Never Detected (Sheet 3 of 3)

ORGANICS (Cont'd.)

N-Nitrosornicotine
 Nitrosopiperidine
 N-Nitroso-n-propylamine
 Nitrospyrrolidine
 Paraldehyde
 Pentachlorobenzene
 Pentachloroethane
 Phenacetin
 Phenol
 2-Phenyl-tert-butylamine
 Phthalic acid esters
 Pronamide
 1-Propanamine
 1-Propanol
 2-Propyn-1-ol
 Pyridine
 Reserpine
 Resorcinol
 Safrol
 Strychnine
 Styrene
 1,2,3,4-Tetrachlorobenzene
 1,2,3,5-Tetrachlorobenzene
 1,1,1,2-Tetrachloroethane
 1,1,2,2-Tetrachloroethane
 Tetrachloroethene
 2,3,4,6-Tetrachlorophenol
 Thiofanox
 Thionazin
 Thiophenol
 Thiuram
 Toluenediamine
 2-Toluidine hydrochloride
 Tribromomethane
 1,2,3-Trichlorobenzene
 1,2,4-Trichlorobenzene
 1,3,5-Trichlorobenzene
 1,1,1-Trichloroethane
 1,1,2-Trichloroethane
 Trichloroethene
 Trichlorofluoromethane
 Trichloromethanethiol
 2,4,5-Trichlorophenol
 1,2,3-Trichloropropane

ORGANICS (Cont'd.)

Triethylphosphorothioate
 1,3,5-Trinitrobenzene
 TRIS
 Unknown aliphatic nitric acid ester
 Unknown aliphatic phosphate ester
 Unknown cyclic or unsaturated hydrocarbon
 Urethane
 Warfarin
 1,2-Xylene & 1,4-Xylene
 1,3-Xylene

RADIONUCLIDES

K-40

6.0 REFERENCES

- APHA/AWWA/WPCF 1985 Standard Methods for the Examination of Water and Wastewater, 16th Ed., American Public Health Association, American Water Works Association, and Water Pollution Control Federation, Washington, D.C.
- ASTM 1986 1986 Annual Book of ASTM Standards, American Society for Testing and Materials, Philadelphia, Pennsylvania
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- WHC 1989 Waste Stream Characterization Report, WHC-EP-0287, Volume 1, August 1989, Westinghouse Hanford Company, Richland, Washington.
- WHC 1990a Draft Liquid Effluent Study Project Plan, WHC-EP-0275, Rev. 1, September 1989, WHC, Richland, WA.
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APPENDIX A

SAMPLE NUMBERS

Appendix A--Sample Numbers. (sheet 1 of 5)

Wastestream-Operating Configuration	Sample Collected		Sample Numbers		
	Date	Time	Primary	Blank	Transfer
N Reactor effluent (Partial analysis)	03-Oct-89	10:00	25158		25159
N Reactor effluent (Partial analysis)	10-Oct-89	N/A	25160		25161
N Reactor effluent (Partial analysis)	17-Oct-89	N/A	25162		25163
N Reactor effluent (Partial analysis)	24-Oct-89	09:00	25167		25168
N Reactor effluent (Partial analysis)	31-Oct-89	09:00	25169		25170
N Reactor effluent (Partial analysis)	07-Nov-89	14:00	25171		25172
N Reactor effluent (Partial analysis)	14-Nov-89	09:00	25173		25174
N Reactor effluent (Partial analysis)	21-Nov-89	09:05	25175		25176
N Reactor effluent (Partial analysis)	28-Nov-89	10:05	25177		25178
N Reactor effluent (Partial analysis)	05-Dec-89	09:00	25179		25180
N Reactor effluent (Partial analysis)	12-Dec-89	09:00	25181		25182
N Reactor effluent (Partial analysis)	19-Dec-89	10:00	25183		25184
N Reactor effluent (Partial analysis)	02-Jan-90	09:00	25185		25186
N Reactor effluent (Partial analysis)	03-Jan-90	10:06	50873	50874	50875
N Reactor effluent (Partial analysis)	09-Jan-90	09:05	25187		25188
N Reactor effluent (Partial analysis)	16-Jan-90	N/A	25189		25190
N Reactor effluent (Partial analysis)	23-Jan-90	09:05	25191		25192
N Reactor effluent (Partial analysis)	30-Jan-90	09:00	25193		25194
N Reactor effluent (Partial analysis)	06-Feb-90	09:05	25195		25196
N Reactor effluent (Partial analysis)	13-Feb-90	09:00	5197		25198
N Reactor effluent (Partial analysis)	20-Feb-90	10:00	25199		25200
N Reactor effluent (Partial analysis)	21-Feb-90	11:06	50959	50960	50961
N Reactor effluent (Partial analysis)	27-Feb-90	08:05	25201		25202
N Reactor effluent (Partial analysis)	05-Mar-90	10:04	51012	51013	51014
N Reactor effluent (Partial analysis)	06-Mar-90	09:00	25203		25204
N Reactor effluent (Partial analysis)	13-Mar-90	09:00	25205		25206
N Reactor effluent (Partial analysis)	26-Mar-90	09:08	51091	51092	51093
163-N Demineralizer Plant wastewater-bypass	03-Jan-90	13:03	50869	50870	50871
163-N Demineralizer Plant wastewater-bypass	09-Feb-90	11:08	50923	50924	50925
					50926

Appendix A--Sample Numbers. (sheet 2 of 5)

Wastestream-Operating Configuration	Sample Collected		Sample Numbers			
	Date	Time	Primary	Blank	Transfer	Extract
183-D Filter backflush wastewater	27-Dec-89	10:03	50861	50862	50863	50864
183-D Filter backflush wastewater	26-Feb-90	13:06	50976	50977	50978	50979
183-D Filter backflush wastewater	12-Mar-90	09:02	51044	51045	51046	51047
183-D Filter backflush wastewater	28-Mar-90	11:07	51099	51100	51101	51102
PUREX Plant chemical sewage-routine operation	16-Oct-89	13:01	50689	50690	50691	50692
PUREX Plant chemical sewage-routine operation	19-Oct-89	10:07	50709	50710	50711	50712
PUREX Plant chemical sewage-routine operation	27-Nov-89	09:05	50796	50797	50798	50799
PUREX Plant chemical sewage-routine operation	17-Jan-90	10:01	50891	50892	50893	50894
PUREX Plant chemical sewage-routine operation	13-Feb-90	13:08	50939	50940	50941	50942
PUREX Plant chemical sewage-routine operation	20-Feb-90	09:07	50955	50956	50957	50958
PUREX Plant process condensate	17-Jan-90	14:07	59171	59172	59173	59174
PUREX Plant process condensate	22-Jan-90	10:00	59176	59177	59178	59179
PUREX Plant process condensate	23-Jan-90	10:03	50895	50896	50897	50898
PUREX Plant process condensate	25-Jan-90	10:00	59181	59182	59183	50938
PUREX Plant process condensate	13-Feb-90	10:05	50935	50936	50937	50954
PUREX Plant process condensate	20-Feb-90	11:06	50951	50952	50953	50991
PUREX Plant process condensate	27-Feb-90	09:03	50988	50989	50990	51023
PUREX Plant process condensate	06-Mar-90	09:01	51020	51021	51022	50795
PUREX Plant steam condensate	27-Nov-89	10:03	50792	50793	50885	50886
PUREX Plant steam condensate	16-Jan-90	12:00	50883	50884	50889	50890
PUREX Plant steam condensate	17-Jan-90	09:06	50887	50888	50901	50902
PUREX Plant steam condensate	24-Jan-90	13:00	50899	50900	51018	51019
PUREX Plant steam condensate	06-Mar-90	10:05	51016	51017	51077	51078
PUREX Plant steam condensate	20-Mar-90	09:02	51075	51076	50727	50728
PUREX Plant cooling water	25-Oct-89	13:01	50725	50726	50750	50751
PUREX Plant cooling water	02-Nov-89	14:03	50748	50749	50766	50767
PUREX Plant cooling water	14-Nov-89	09:00	50764	50765	50905	50906
PUREX Plant cooling water	26-Jan-90	08:02	50903	50904	50945	50946
PUREX Plant cooling water	16-Feb-90	09:02	50943	50944	50969	50970
PUREX Plant cooling water	22-Feb-90	10:08	50967	50968		

Appendix A--Sample Numbers. (sheet 3 of 5)

Wastestream-Operating Configuration	Sample Collected Date Time	Sample Numbers			
		Primary	Blank	Transfer	Extract
B Plant chemical sewage routine operation	19-Oct-89 13:00	50705	50706	50707	50708
B Plant chemical sewage-routine operation	02-Nov-89 10:09	50752	50753	50754	50755
B Plant chemical sewage-routine operation	03-Nov-89 09:01	50756	50757	50758	50759
B Plant chemical sewage-routine operation	27-Feb-90 13:04	50984	50985	50986	50987
B Plant cooling water	22-Nov-89 09:02	50788	50789	50790	50791
B Plant cooling water	29-Nov-89 09:05	50812	50813		50814
B Plant cooling water	12-Feb-90 11:03	50931	50932	50933	50934
B Plant cooling water	08-Mar-90 08:05	51032	51033	51034	51035
Plutonium Finishing Plant wastewater- Not PRF or RMC	30-Nov-89 11:08	50818			50819
Plutonium Finishing Plant wastewater- Not PRF or RMC	12-Feb-90 09:08	50927	50928	50929	50930
Plutonium Finishing Plant wastewater- Not PRF or RMC	19-Mar-90 09:03	51068	51069	51070	51071
Plutonium Finishing Plant wastewater- Not PRF or RMC	26-Mar-90 13:01	51095	51096	51097	51098
S Plant wastewater	31-Oct-89 07:07	50744	50745	50746	50747
S Plant wastewater	20-Dec-89 09:01	50845	50846	50847	50848
S Plant wastewater	31-Jan-90 10:00	50911	50912	50913	50914
S Plant wastewater	20-Mar-90 12:00	51072	51073	51074	
T Plant Laboratory wastewater-plasma torch	22-Feb-90 16:08	50971	50973	50974	50975
T Plant Laboratory wastewater-plasma torch	22-Feb-90 16:08	50972			
T Plant Laboratory wastewater-standby	26-Oct-89 09:00	50733	50734		50735
T Plant Laboratory wastewater-standby	17-Nov-89 08:08	50776	50777		50778
T Plant Laboratory wastewater-standby	28-Nov-89 10:08	50800	50801	50802	50803
T Plant Laboratory wastewater-standby	14-Dec-89 09:08	50838	50839	50840	50841
T Plant wastewater	13-Oct-89 08:05	50681	50682	50683	50684
T Plant wastewater	17-Oct-89 10:00	50697	50698	50699	50700
T Plant wastewater	28-Nov-89 13:00	50808	50809	50810	50811
T Plant wastewater	09-Mar-90 09:01	51036	51037	51038	51039

Appendix A--Sample Numbers. (sheet 4 of 5)

Wastestream-Operating Configuration	Sample Collected		Sample Numbers			
	Date	Time	Primary	Blank	Transfer	Extract
U03/U Plants wastewater	01-Dec-89	13:09	50822	50823	50824	50825
U03/U Plants wastewater	02-Mar-90	09:00	51000	51001	51002	51003
U03/U Plants wastewater	14-Mar-90	09:02	51048	51049	51050	51051
U03/U Plants wastewater	22-Mar-90	10:05	51083	51084	51085	51086
241-A Tank Farm cooling water	18-Oct-89	14:00	50701	50702	50703	50704
241-A Tank Farm cooling water	29-Nov-89	13:07	50815	50816		50817
241-A Tank Farm cooling water	21-Feb-90	08:07	50963	50964	50965	50966
241-A Tank Farm cooling water	08-Mar-90	13:06	51028	51029	51030	51031
242-A Evaporator steam condensate	30-Oct-89	11:05	50740	50741	50742	50743
242-A Evaporator steam condensate	30-Jan-90	08:05	50907	50908	50909	50910
242-A Evaporator steam condensate	09-Feb-90	09:00	50919	50920	50921	50922
242-A Evaporator steam condensate	22-Mar-90	09:04	51087	51088	51089	51090
242-S Evaporator steam condensate	26-Oct-89	13:00	50729	50730	50731	50732
242-S Evaporator steam condensate	30-Nov-89	09:09	50820			50821
242-S Evaporator steam condensate	31-Jan-90	09:09	50915	50916	50917	50918
242-S Evaporator steam condensate	16-Mar-90	13:05	51060	51061	51062	51063
244-AR Vault cooling water	13-Oct-89	13:09	50685	50686	50687	50688
244-AR Vault cooling water	17-Oct-89	13:08	50693	50694	50695	50696
244-AR Vault cooling water	24-Oct-89	08:02	50717	50718	50719	50720
244-AR Vault cooling water	16-Feb-90	12:05	50947	50948	50949	50950
222-S Laboratory wastewater	09-Oct-89	13:02	50661	50662	50663	50664
222-S Laboratory wastewater	11-Oct-89	11:02	50673	50674	50675	50676
222-S Laboratory wastewater	28-Nov-89	08:00	50804	50805	50806	50807
222-S Laboratory wastewater	21-Mar-90	09:08	51079	51080	51081	51082
2724-W Laundry wastewater	12-Oct-89	10:07	50677	50678	50679	50680
2724-W Laundry wastewater	16-Nov-89	09:02	50772	50773	50774	50775
2724-W Laundry wastewater	21-Nov-89	09:01	50780	50781	50782	50783
2724-W Laundry wastewater	21-Dec-89	12:04	50857	50858	50859	50860

Appendix A--Sample Numbers. (sheet 5 of 5)

Wastestream-Operating Configuration	Sample Collected		Sample Numbers			
	Date	Time	Primary	Blank	Transfer	Extract
284-E Powerhouse wastewater-routine operation	24-Oct-89	10:00	50721	50722	50723	50724
284-E Powerhouse wastewater-routine operation	27-Oct-89	08:08	50736	50737	50738	50739
284-E Powerhouse wastewater-routine operation	14-Dec-89	10:05	50842	50843		50844
284-E Powerhouse wastewater-routine operation	07-Mar-90	09:03	51024	51025	51026	51027
284-W Powerhouse wastewater-routine operation	13-Nov-89	13:05	50760	50761	50762	50763
284-W Powerhouse wastewater-routine operation	02-Jan-90	11:08	50865	50866	50867	50868
284-W Powerhouse wastewater-routine operation	28-Feb-90	10:08	50996	50997	50998	50999
284-W Powerhouse wastewater-routine operation	16-Mar-90	09:00	51056	51057	51058	51059
300 Area wastewater	09-Oct-89	15:06	50665	50666	50667	50668
300 Area wastewater	10-Oct-89	14:00	50669	50670	50671	50672
300 Area wastewater	15-Nov-89	09:04	50768	50769	50770	50771
300 Area wastewater	05-Mar-90	13:00	51008	51009	51010	51011
400 Area secondary cooling water	20-Oct-89	08:09	50713	50714	50715	50716
400 Area secondary cooling water	21-Nov-89	12:00	50784	50785	50786	50787
400 Area secondary cooling water	06-Dec-89	14:00	50826	50827	50828	50829
400 Area secondary cooling water	09-Jan-90	13:01	50876	50877	50878	50879

Symbols:

Plutonium Reclamation Facility (PRF) and Remote Mechanical C-Line (RMC).

APPENDIX B

SAMPLED WASTESTREAMS AND SAMPLING LOCATIONS

Appendix B--Sampled Wastestreams and Sampling Location.

Wastestream	Sampling Location
N Reactor effluent	Sampling port CS-6, 1325-N crib
163-N Demineralizer Plant wastewater-demineralizer bypass	Bypass to 1324-NA pond
183-D Filter backflush wastewater	Weir at 100-D pond
PUREX Plant chemical sewer	Sampler in building 295-AC
PUREX Plant process condensate	Valve in Sample Gallery
PUREX Plant steam condensate	Sampler in building 295-AA
PUREX Plant cooling water	Sampler in building 295-AD
B Plant chemical sewer	Weir at 216-B-63 Trench
B Plant cooling water	207-B Retention facility
Plutonium Finishing Plant wastewater-Not PRF or RMC	Manhole 9 at 216-Z-20 crib sampling shack
S Plant wastewater	Manhole 4 from 216-S-10 ditch
T Plant Laboratory wastewater	Inlet to 216-T-1 ditch
T Plant wastewater	Inlet to 216-T-4-2 ditch
U03/U Plants wastewater	Manhole 175 ft southwest of building 221-U
241-A Tank Farm cooling water	Sampler in building 401-A
242-A Evaporator steam condensate	Sampler RC-1 in building 242-A
242-S Evaporator steam condensate	Sampler RC-1 in building 242-S
244-AR Vault cooling water	Diversion vault
222-S Laboratory wastewater	207-SL Retention facility
2724-W Laundry wastewater	Manhole at 216-W-LC crib
284-E Powerhouse wastewater	Manhole 100 ft west-northwest of building 284-E
284-W Powerhouse wastewater	Manhole 25 ft northwest of building 284-W
300 Area wastewater	Weir at 300 Area process trench
400 Area secondary cooling water	Diversion box for 400 Area process pond

Symbols:

Plutonium Reclamation Facility (PRF) and Remote Mechanical C-Line (RMC).

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APPENDIX C

ANALYTICAL SAMPLE SPECIFICATIONS

Appendix C--Analytical Sample Specifications. (sheet 1 of 2)

Analytical Sample	Volume	Container/Lid	Linear	Preservative
Arsenic (GFAA)	1 L	Plastic/Teflon		2 mL conc. HNO3
Atomic Emission Spectroscopy (ICP)				
Lead (GFAA)				
Selenium (GFAA)				
Thallium (GFAA)				
Total and Amenable Cyanide	1 L	Plastic/Teflon		2 mL 6M NaOH
Total and Amenable Cyanide-Duplicate	1 L	Plastic/Teflon		2 mL 6M NaOH
Sulfides (Titration)	1 L	Plastic/Teflon		2 mL 6M NaOH
Suspended Solids	1 L	Plastic/Teflon		None
Total Dissolved Solids				
Atomic Emission Spectroscopy (ICP/M)				
Conductivity	1 L	Plastic/Teflon		None
Mercury (CVAA/M)				
pH				
Mercury (CVAA)	1 L	Amber glass/Teflon		2 mL conc. HNO3
Total Organic Carbon	1 L	Amber glass/Teflon		2 mL conc. H2SO4
A/B/N Method 8270 Enhanced	1 L	Glass/Teflon		None
A/B/N Method 8270 Enhanced-Duplicate	1 L	Glass/Teflon		None
Ammonium Ion	500 mL	Glass/Teflon		1 mL conc. H2SO4
Pensky-Martens Closed-Cup Ignitability	500 mL	Glass/Teflon		None
Reactivity				
Alkalinity-Method B *	250 mL	Plastic/Teflon		None
Fluoride-LDL	250 mL	Plastic/Teflon		None
Ion Chromatography				

Appendix C--Analytical Sample Specifications. (sheet 2 of 2)

Analytical Sample	Volume	Container/Lid	Liner	Preservative
Hydrazine-LDL *	250 mL	Amber glass	Teflon	2.5 ml conc. HCl
Total Carbon	250 mL	Glass	Teflon	None
Total Organic Halides-LDL	250 mL	Glass	Teflon septum	0.5 mL conc. H ₂ SO ₄
Total Organic Halides-LDL-Duplicate	250 mL	Glass	Teflon septum	0.5 mL conc. H ₂ SO ₄
Direct Aqueous Injection (GC and GC/MS)	40 mL	Glass	Teflon	None
Volatile Organics *	40 mL	Glass	Teflon septum	None
Volatile Organics-Duplicate *	40 mL	Glass	Teflon septum	None
Volatile Organics-Blank *	40 mL	Glass	Teflon septum	None
Volatile Organics-Duplicate Blank *	40 mL	Glass	Teflon septum	None
Volatile Organics-Transfer Blank *	40 mL	Glass	Teflon septum	None
Volatile Organics-Duplicate, Transfer Blank *	40 mL	Glass	Teflon septum	None
Tritium *	100 mL	Plastic		None
Carbon-14	4 L	Plastic		pH 7 with 6M NaOH
Iodine-129				
Alpha Activity	12 L	Plastic		pH <2 with conc. HNO ₃
Americium/Curium				
Beta Activity				
Gamma Energy Analysis Spectroscopy				
Isotopic Plutonium				
Isotopic Uranium				
Lead-210				
Strontium-89 and 90				
Total Radium (Alpha Counting)				
Total Uranium (Fluorimetry)				

Symbols:

Atomic absorption spectroscopy (AA), cold-vapor cathode (CV), gas chromatography (GC), graphite furnace (GF), low detection limit (LDL), mixed-phase matrix (/M), and mass spectrometry (/MS).

* = no headspace in sample container

APPENDIX D

ANALYTICAL RESULTS (DATA SHEETS)

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DATA REPORT LEGEND

Sample# is the number of the sample.

Sample# suffixes are: B (blank), E (extract) and T (transfer blank).

Date is the sampling date.

Results are in ppb (parts per billion) unless otherwise indicated.

The following table lists the methods that are coded in the method column.

Code	Analytical Method	Reference
ABN	Semivolatile Organics (GC/MS)	USEPA-8270
AEA	Americium-241, Curium Isotopes	UST-20Am/Cm01
AEA	Plutonium Isotopes	UST-20Pu01
AEA	Uranium Isotopes	ASTM-D
AEA	Uranium Total	UST-20U02
ALPHA	Alpha Counting	EPA-680
ALPHA-Ra	Total Radium Alpha Counting	ASTM-D2460
BETA	Beta Counting	EPA-680
BETA	Lead-210	UST-20Pb01
BETA	Strontium-89, Strontium-90	UST-20Sr02
COLIF	Coliform Bacteria	USEPA-9131
COLIFMF	Coliform Bacteria (Membrane Filter)	USEPA-9132
COND-Fld	Conductivity-Field	ASTM-D1125A
COND-Lab	Conductivity-Laboratory	ASTM-D1125A
CVAA	Mercury	USEPA-7470
CVAA/M	Mercury-Mixed Matrix	USEPA-7470
DIGC	Direct Aqueous Injection (GC)	UST-70DIGC
DIMS	Direct Aqueous Injection (GC/MS)	"USEPA-8240"
DSPEC	Reactive Cyanide (Distillation, Spectroscopy)	USEPA-CHAPTER 7
DTITRA	Reactive Sulfide (Distillation, Titration)	USEPA-CHAPTER 7
FLUOR	Uranium (Fluorometry)	ASTM-D2907-83
GEA	Gamma Energy Analysis Spectroscopy	ASTM-D3649-85
GFAA	Lead (AA, Furnace Technique)	USEPA-7421
GFAA	Selenium (AA, Furnace Technique)	USEPA-7740
GFAA	Thallium (AA, Furnace Technique)	USEPA-7841
GFAA	Arsenic (AA, Furnace Technique)	USEPA-7060
IC	Ion Chromatography	EPA-600
ICP	Atomic Emission Spectroscopy (ICP)	USEPA-6010
ICP/M	Atomic Emission Spectroscopy (ICP)-Mixed Matrix	USEPA-6010
IGNIT	Pensky-Martens Closed-Cup Ignitability	USEPA-1010
ISE	Ammonium Ion	ASTM-D1426-D
ISE	Fluoride-Low Detection Limit	ASTM-D1179-80-B
LALPHA	Alpha Activity-Low Detection Limit	EPA-680
LSC	Carbon-14	UST-20C01
LSC	Technetium-99	UST-20Tc02
LSC	Tritium	UST-20H03
LEPD	Iodine-129	UST-20I02
LEPD	Iodine-129-Low Detection Limit	UST-20I02
LTOTX	Total Organic Halides-Low Detection Limit	USEPA-9020
PH-Fld	pH-Field	USEPA-9040
PH-Lab	pH-Laboratory	USEPA-9040

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DATA REPORT LEGEND (Cont'd)

Code	Analytical Method	Reference
SPEC	Total and Amenable Cyanide (Spectroscopy)	USEPA-9010
SPEC	Hydrazine-Low Detection Limit (Spectroscopy)	ASTM-D1385
SSOLID	Suspended Solids	SM-208D
TC	Total Carbon	USEPA-9060
TDS	Total Dissolved Solids	SM-208B
TEMP-Fld	Temperature-Field	Local
TITRA	Alkalinity-Method B (Titration)	ASTM-D1067B
TITRA	Sulfides (Titration)	USEPA-9030
TOC	Total Organic Carbon	USEPA-9060
TOX	Total Organic Halides	USEPA-9020
VOA	Volatile Organics (GC/MS)	USEPA-8240

Symbols:

Atomic absorption spectroscopy (AA), base/acid-neutral extract analysis (ABN), alpha energy analysis (AEA), cold-vapor cathode (CV), gas chromatography (GC), graphite furnace (GF), low-energy proportional detection (LEPD), liquid scintillation counting (LSC), inductively-coupled plasma spectroscopy (ICP), volatile organics analysis (VOA), mixed-phase matrix (/M), and mass spectrometry (/MS).

References:

- ASTM - "1986 Annual Book of ASTM Standards", American Society for Testing and Materials, Philadelphia, Pennsylvania.
- EPA680 "Handbook of Radiochemical Analytical Methods, EPA-680/4-75/001, National Environmental Research Center, Office of Research and Development, U.S. Environmental Protection Agency, Las Vegas, Nevada.
- EPA600 "Test Methods for Determination of Inorganic Ions in Water by Ion Chromatography, EPA-600/4-84/017, Environmental Monitoring and Support Laboratory, U.S. Environmental Protection Agency, Cincinnati, Ohio.
- SM - "Standard Methods for the Examination of Water and Wastewater", 16th ed., American Public Health Association, American Water Works Association and Water Pollution Control Federation, Washington, D.C.
- USEPA- "Test Methods for Evaluating Solid Waste Physical/Chemical Methods", 3rd ed., SW-846, U.S. Environmental Protection Agency, Washington, D.C.
- UST - "Procedure Manual", UST-RD-PM, Section 10, U.S. Testing Company, Incorporated, Richland, Washington.

DATA FOR 300 Area Wastewater-Sample Point 1

Constituent	Sample #	Date	Method	Result
Aluminum	50665	10/09/89	ICP	1.83E+02
Aluminum	50669	10/10/89	ICP	<1.50E+02
Aluminum	50768	11/15/89	ICP	4.48E+02
Aluminum	51008	3/05/90	ICP	<1.50E+02
Arsenic (EP Toxic)	50665E	10/09/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50669E	10/10/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50768E	11/15/89	ICP	<5.00E+02
Arsenic (EP Toxic)	51008E	3/05/90	ICP	<5.00E+02
Barium	50665	10/09/89	ICP	3.60E+01
Barium	50669	10/10/89	ICP	3.30E+01
Barium	50768	11/15/89	ICP	2.90E+01
Barium	51008	3/05/90	ICP	3.00E+01
Barium (EP Toxic)	50665E	10/09/89	ICP	<1.00E+03
Barium (EP Toxic)	50669E	10/10/89	ICP	<1.00E+03
Barium (EP Toxic)	50768E	11/15/89	ICP	<1.00E+03
Barium (EP Toxic)	51008E	3/05/90	ICP	<1.00E+03
Beryllium	50665	10/09/89	ICP	<5.00E+00
Beryllium	50669	10/10/89	ICP	<5.00E+00
Beryllium	50768	11/15/89	ICP	8.00E+00
Beryllium	51008	3/05/90	ICP	<5.00E+00
Boron	50665	10/09/89	ICP	2.80E+01
Boron	50669	10/10/89	ICP	1.40E+01
Boron	50768	11/15/89	ICP	1.10E+01
Boron	51008	3/05/90	ICP	2.50E+01
Cadmium (EP Toxic)	50665E	10/09/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50669E	10/10/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50768E	11/15/89	ICP	<1.00E+02
Cadmium (EP Toxic)	51008E	3/05/90	ICP	<1.00E+02
Calcium	50665	10/09/89	ICP	2.04E+04
Calcium	50669	10/10/89	ICP	1.82E+04
Calcium	50768	11/15/89	ICP	1.91E+04
Calcium	51008	3/05/90	ICP	2.02E+04
Chloride	50665	10/09/89	IC	4.30E+03
Chloride	50669	10/10/89	IC	3.90E+03
Chloride	50768	11/15/89	IC	3.70E+03
Chloride	51008	3/05/90	IC	4.40E+03
Chromium (EP Toxic)	50665E	10/09/89	ICP	<5.00E+02
Chromium (EP Toxic)	50669E	10/10/89	ICP	<5.00E+02
Chromium (EP Toxic)	50768E	11/15/89	ICP	<5.00E+02
Chromium (EP Toxic)	51008E	3/05/90	ICP	<5.00E+02
Copper	50665	10/09/89	ICP	2.20E+01
Copper	50669	10/10/89	ICP	<1.00E+01
Copper	50768	11/15/89	ICP	1.90E+01
Copper	51008	3/05/90	ICP	1.30E+01
Fluoride	50665	10/09/89	IC	<5.00E+02
Fluoride	50665	10/09/89	ISE	2.13E+02
Fluoride	50669	10/10/89	IC	<5.00E+02
Fluoride	50669	10/10/89	ISE	2.18E+02
Fluoride	50768	11/15/89	IC	<5.00E+02
Fluoride	50768	11/15/89	ISE	2.05E+02
Fluoride	51008	3/05/90	IC	<5.00E+02
Fluoride	51008	3/05/90	ISE	1.59E+02
Iron	50665	10/09/89	ICP	7.30E+01

DATA FOR 300 Area Wastewater-Sample Point 1
Continued

Constituent	Sample #	Date	Method	Result
Iron	50669	10/10/89	ICP	4.70E+01
Iron	50768	11/15/89	ICP	1.25E+02
Iron	51008	3/05/90	ICP	4.40E+01
Lead (EP Toxic)	50665E	10/09/89	ICP	<5.00E+02
Lead (EP Toxic)	50669E	10/10/89	ICP	<5.00E+02
Lead (EP Toxic)	50768E	11/15/89	ICP	<5.00E+02
Lead (EP Toxic)	51008E	3/05/90	ICP	<5.00E+02
Magnesium	50665	10/09/89	ICP	4.92E+03
Magnesium	50669	10/10/89	ICP	4.46E+03
Magnesium	50768	11/15/89	ICP	4.24E+03
Magnesium	51008	3/05/90	ICP	4.68E+03
Manganese	50665	10/09/89	ICP	6.00E+00
Manganese	50669	10/10/89	ICP	<5.00E+00
Manganese	50768	11/15/89	ICP	6.00E+00
Manganese	51008	3/05/90	ICP	<5.00E+00
Mercury (EP Toxic)	50665E	10/09/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50669E	10/10/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50768E	11/15/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51008E	3/05/90	CVAA/M	<2.00E+01
Nitrate	50665	10/09/89	IC	1.00E+03
Nitrate	50669	10/10/89	IC	1.30E+03
Nitrate	50768	11/15/89	IC	9.00E+02
Nitrate	51008	3/05/90	IC	2.10E+03
Phosphate	50665	10/09/89	IC	<1.00E+03
Phosphate	50669	10/10/89	IC	1.40E+03
Phosphate	50768	11/15/89	IC	<1.00E+03
Phosphate	51008	3/05/90	IC	<1.00E+03
Potassium	50665	10/09/89	ICP	1.06E+03
Potassium	50669	10/10/89	ICP	9.42E+02
Potassium	50768	11/15/89	ICP	7.64E+02
Potassium	51008	3/05/90	ICP	9.73E+02
Selenium (EP Toxic)	50665E	10/09/89	ICP	<5.00E+02
Selenium (EP Toxic)	50669E	10/10/89	ICP	<5.00E+02
Selenium (EP Toxic)	50768E	11/15/89	ICP	<5.00E+02
Selenium (EP Toxic)	51008E	3/05/90	ICP	<5.00E+02
Silicon	50665	10/09/89	ICP	2.68E+03
Silicon	50669	10/10/89	ICP	2.25E+03
Silicon	50768	11/15/89	ICP	2.41E+03
Silicon	51008	3/05/90	ICP	2.90E+03
Silver (EP Toxic)	50665E	10/09/89	ICP	<5.00E+02
Silver (EP Toxic)	50669E	10/10/89	ICP	<5.00E+02
Silver (EP Toxic)	50768E	11/15/89	ICP	<5.00E+02
Silver (EP Toxic)	51008E	3/05/90	ICP	<5.00E+02
Sodium	50665	10/09/89	ICP	4.99E+03
Sodium	50669	10/10/89	ICP	3.90E+03
Sodium	50768	11/15/89	ICP	2.74E+03
Sodium	51008	3/05/90	ICP	6.77E+03
Strontium	50665	10/09/89	ICP	1.16E+02
Strontium	50669	10/10/89	ICP	1.02E+02
Strontium	50768	11/15/89	ICP	9.60E+01
Strontium	51008	3/05/90	ICP	1.01E+02
Sulfate	50665	10/09/89	IC	1.82E+04
Sulfate	50669	10/10/89	IC	1.74E+04

DATA FOR 300 Area Wastewater-Sample Point 1
Continued

Constituent	Sample #	Date	Method	Result
Sulfate	50768	11/15/89	IC	1.76E+04
Sulfate	51008	3/05/90	IC	1.51E+04
Uranium	50665	10/09/89	GEA	1.45E+00
Uranium	50768	11/15/89	GEA	1.45E+00
Uranium	51008	3/05/90	GEA	1.41E+00
Zinc	50665	10/09/89	ICP	2.70E+01
Zinc	50669	10/10/89	ICP	1.00E+01
Zinc	50768	11/15/89	ICP	2.50E+01
Zinc	51008	3/05/90	ICP	1.30E+01
Acetone	50665	10/09/89	VOA	<1.00E+01
Acetone	50665	10/09/89	ABN	<1.00E+01
Acetone	50665B	10/09/89	VOA	<1.00E+01
Acetone	50665T	10/09/89	VOA	<1.00E+01
Acetone	50669	10/10/89	VOA	<1.00E+01
Acetone	50669	10/10/89	ABN	<1.00E+01
Acetone	50669B	10/10/89	VOA	<1.00E+01
Acetone	50669T	10/10/89	VOA	<1.00E+01
Acetone	50768	11/15/89	VOA	<1.00E+01
Acetone	50768	11/15/89	ABN	<1.00E+01
Acetone	50768B	11/15/89	VOA	<1.00E+01
Acetone	50768T	11/15/89	VOA	<1.00E+01
Acetone	51008	3/05/90	VOA	2.00E+01
Acetone	51008	3/05/90	ABN	<1.00E+01
Acetone	51008B	3/05/90	VOA	<1.00E+01
Acetone	51008T	3/05/90	VOA	<1.00E+01
Ammonia	50665	10/09/89	ISE	8.80E+01
Ammonia	50669	10/10/89	ISE	6.10E+01
Ammonia	50768	11/15/89	ISE	2.53E+02
Ammonia	51008	3/05/90	ISE	<5.00E+01
Bis(2-ethylhexyl) phthalate	50665	10/09/89	ABN	<1.00E+01
Bis(2-ethylhexyl) phthalate	50669	10/10/89	ABN	<1.00E+01
Bis(2-ethylhexyl) phthalate	50768	11/15/89	ABN	1.40E+01
Bis(2-ethylhexyl) phthalate	51008	3/05/90	ABN	<1.00E+01
1-Butanol	50665	10/09/89	DIGC	<1.00E+04
1-Butanol	50669	10/10/89	DIGC	<1.00E+04
1-Butanol	50768	11/15/89	DIGC	<1.00E+04
1-Butanol	51008	3/05/90	VOA	3.10E+01
1-Butanol	51008	3/05/90	DIGC	<1.00E+04
Dichloromethane	50665	10/09/89	VOA	<2.60E+00
Dichloromethane	50665B	10/09/89	VOA	5.50E+02
Dichloromethane	50665T	10/09/89	VOA	5.80E+01
Dichloromethane	50669	10/10/89	VOA	<5.00E+00
Dichloromethane	50669B	10/10/89	VOA	5.30E+02
Dichloromethane	50669T	10/10/89	VOA	4.90E+02
Dichloromethane	50768	11/15/89	VOA	<5.00E+00
Dichloromethane	50768B	11/15/89	VOA	<5.00E+00
Dichloromethane	50768T	11/15/89	VOA	<5.00E+00
Dichloromethane	51008	3/05/90	VOA	<5.00E+00
Dichloromethane	51008B	3/05/90	VOA	<5.00E+00
Dichloromethane	51008T	3/05/90	VOA	<5.00E+00
Trichloromethane	50665	10/09/89	VOA	1.90E+01
Trichloromethane	50665B	10/09/89	VOA	<5.00E+00
Trichloromethane	50665T	10/09/89	VOA	<5.00E+00

DATA FOR 300 Area Wastewater-Sample Point 1
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	50669	10/10/89	VOA	1.70E+01
Trichloromethane	50669B	10/10/89	VOA	<5.00E+00
Trichloromethane	50669T	10/10/89	VOA	<5.00E+00
Trichloromethane	50768	11/15/89	VOA	1.10E+01
Trichloromethane	50768B	11/15/89	VOA	<5.00E+00
Trichloromethane	50768T	11/15/89	VOA	<4.00E+00
Trichloromethane	51008	3/05/90	VOA	2.60E+01
Trichloromethane	51008B	3/05/90	VOA	<5.00E+00
Trichloromethane	51008T	3/05/90	VOA	<5.00E+00
Unknown	51008	3/05/90	ABN	8.00E+00
Alkalinity (Method B)	50665	10/09/89	TITRA	5.40E+04
Alkalinity (Method B)	50669	10/10/89	TITRA	5.30E+04
Alkalinity (Method B)	50768	11/15/89	TITRA	5.40E+04
Alkalinity (Method B)	51008	3/05/90	TITRA	6.00E+04
Alpha Activity (pCi/L)	50665	10/09/89	Alpha	2.58E+00
Alpha Activity (pCi/L)	50768	11/15/89	Alpha	<5.31E-01
Alpha Activity (pCi/L)	51008	3/05/90	Alpha	1.14E+00
Conductivity (uS)	50665	10/09/89	COND-Fld	1.56E+02
Conductivity (uS)	50669	10/10/89	COND-Fld	1.70E+02
Conductivity (uS)	50768	11/15/89	COND-Fld	1.62E+02
Conductivity (uS)	51008	3/05/90	COND-Fld	1.48E+02
Ingitability (degrees F)	50665E	10/09/89	IGNIT	2.10E+02
Ingitability (degrees F)	50669E	10/10/89	IGNIT	2.08E+02
Ingitability (degrees F)	50768E	11/15/89	IGNIT	2.12E+02
Ingitability (degrees F)	51008E	3/05/90	IGNIT	2.12E+02
pH (dimensionless)	50665	10/09/89	PH-Fld	6.70E+00
pH (dimensionless)	50669	10/10/89	PH-Fld	7.10E+00
pH (dimensionless)	50768	11/15/89	PH-Fld	7.37E+00
pH (dimensionless)	51008	3/05/90	PH-Fld	8.04E+00
Reactivity Cyanide (mg/kg)	50665E	10/09/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50669E	10/10/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50768E	11/15/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51008E	3/05/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50665E	10/09/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50669E	10/10/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50768E	11/15/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51008E	3/05/90	DTITRA	<1.00E+02
TDS (mg/L)	50665	10/09/89	TDS	8.60E+04
TDS (mg/L)	50669	10/10/89	TDS	8.30E+04
TDS (mg/L)	50768	11/15/89	TDS	6.90E+04
TDS (mg/L)	51008	3/05/90	TDS	1.00E+04
Temperature (degrees C)	50665	10/09/89	TEMP-Fld	2.40E+01
Temperature (degrees C)	50669	10/10/89	TEMP-Fld	2.40E+01
Temperature (degrees C)	50768	11/15/89	TEMP-Fld	1.50E+01
Temperature (degrees C)	51008	3/05/90	TEMP-Fld	1.29E+01
TOC (ug/g)	50665	10/09/89	TOC	<1.50E+03
TOC (ug/g)	50669	10/10/89	TOC	<1.50E+03
TOC (ug/g)	50768	11/15/89	TOC	2.10E+03
TOC (ug/g)	51008	3/05/90	TOC	1.40E+03
Total Carbon (ug/g)	50665	10/09/89	TC	1.40E+04
Total Carbon (ug/g)	50669	10/10/89	TC	1.40E+04
Total Carbon (ug/g)	50768	11/15/89	TC	1.40E+04
Total Carbon (ug/g)	51008	3/05/90	TC	1.67E+04

DATA FOR 300 Area Wastewater-Sample Point 1
Continued

Constituent	Sample #	Date	Method	Result
TOX (ug (Cl)/L)	50665	10/09/89	LTOX	1.77E+02
TOX (ug (Cl)/L)	50669	10/10/89	LTOX	1.71E+02
TOX (ug (Cl)/L)	50768	11/15/89	LTOX	1.33E+02
TOX (ug (Cl)/L)	51008	3/05/90	LTOX	1.34E+02
Am-241 (pCi/L)	50665	10/09/89	AEA	4.54E-02
Am-241 (pCi/L)	50768	11/15/89	AEA	<2.99E-03
Am-241 (pCi/L)	51008	3/05/90	AEA	4.46E-02
Co-60 (pCi/L)	51008	3/05/90	GEA	6.11E-01
H-3 (pCi/L)	50665	10/09/89	LSC	2.92E+02
H-3 (pCi/L)	50669	10/10/89	LSC	<2.09E+02
H-3 (pCi/L)	50768	11/15/89	LSC	<6.46E+01
H-3 (pCi/L)	51008	3/05/90	LSC	3.58E+02
Pu-238 (pCi/L)	50665	10/09/89	AEA	4.72E-03
Pu-238 (pCi/L)	50768	11/15/89	AEA	<1.75E-04
Pu-238 (pCi/L)	51008	3/05/90	AEA	6.74E-02
Pu-239/240 (pCi/L)	50665	10/09/89	AEA	8.18E-03
Pu-239/240 (pCi/L)	50768	11/15/89	AEA	<1.35E-03
Pu-239/240 (pCi/L)	51008	3/05/90	AEA	4.39E-02
Sr-90 (pCi/L)	50665	10/09/89	Beta	<1.03E-01
Sr-90 (pCi/L)	50768	11/15/89	Beta	<1.27E-01
Sr-90 (pCi/L)	51008	3/05/90	Beta	5.05E-01
U-234 (pCi/L)	50665	10/09/89	AEA	7.81E-01
U-234 (pCi/L)	50768	11/15/89	AEA	7.12E-01
U-234 (pCi/L)	51008	3/05/90	AEA	7.29E-01
U-235 (pCi/L)	50665	10/09/89	AEA	2.58E-02
U-235 (pCi/L)	50768	11/15/89	AEA	<1.94E-02
U-235 (pCi/L)	51008	3/05/90	AEA	<1.11E-01
U-238 (pCi/L)	50665	10/09/89	AEA	6.81E-01
U-238 (pCi/L)	51008	3/05/90	AEA	6.23E-01

DATA FOR 400 Area Secondary Cooling Water

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50713E	10/20/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50784E	11/21/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50826E	12/06/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50876E	1/09/90	ICP	<5.00E+02
Barium	50713	10/20/89	ICP	3.00E+01
Barium	50784	11/21/89	ICP	4.00E+01
Barium	50826	12/06/89	ICP	3.80E+01
Barium	50876	1/09/90	ICP	3.00E+01
Barium (EP Toxic)	50713E	10/20/89	ICP	<1.00E+03
Barium (EP Toxic)	50784E	11/21/89	ICP	<1.00E+03
Barium (EP Toxic)	50826E	12/06/89	ICP	<1.00E+03
Barium (EP Toxic)	50876E	1/09/90	ICP	<1.00E+03
Boron	50713	10/20/89	ICP	4.60E+01
Boron	50784	11/21/89	ICP	5.50E+01
Boron	50826	12/06/89	ICP	5.20E+01
Boron	50876	1/09/90	ICP	4.10E+01
Cadmium (EP Toxic)	50713E	10/20/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50784E	11/21/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50826E	12/06/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50876E	1/09/90	ICP	<1.00E+02
Calcium	50713	10/20/89	ICP	4.89E+04
Calcium	50784	11/21/89	ICP	6.79E+04
Calcium	50826	12/06/89	ICP	5.47E+04
Calcium	50876	1/09/90	ICP	4.89E+04
Chloride	50713	10/20/89	IC	1.90E+04
Chloride	50784	11/21/89	IC	1.51E+04
Chloride	50826	12/06/89	IC	2.72E+04
Chloride	50876	1/09/90	IC	2.10E+04
Chromium (EP Toxic)	50713E	10/20/89	ICP	<5.00E+02
Chromium (EP Toxic)	50784E	11/21/89	ICP	<5.00E+02
Chromium (EP Toxic)	50826E	12/06/89	ICP	<5.00E+02
Chromium (EP Toxic)	50876E	1/09/90	ICP	<5.00E+02
Copper	50713	10/20/89	ICP	<1.00E+01
Copper	50784	11/21/89	ICP	<1.00E+01
Copper	50826	12/06/89	ICP	<1.00E+01
Copper	50876	1/09/90	ICP	1.10E+01
Fluoride	50713	10/20/89	IC	7.00E+02
Fluoride	50713	10/20/89	ISE	6.22E+02
Fluoride	50784	11/21/89	IC	5.35E+02
Fluoride	50784	11/21/89	ISE	7.50E+02
Fluoride	50826	12/06/89	IC	7.00E+02
Fluoride	50826	12/06/89	ISE	6.88E+02
Fluoride	50876	1/09/90	IC	7.00E+02
Fluoride	50876	1/09/90	ISE	6.55E+02
Iron	50713	10/20/89	ICP	3.40E+01
Iron	50784	11/21/89	ICP	<3.00E+01
Iron	50826	12/06/89	ICP	7.90E+01
Iron	50876	1/09/90	ICP	7.20E+01
Lead (EP Toxic)	50713E	10/20/89	ICP	<5.00E+02
Lead (EP Toxic)	50784E	11/21/89	ICP	<5.00E+02
Lead (EP Toxic)	50826E	12/06/89	ICP	<5.00E+02
Lead (EP Toxic)	50876E	1/09/90	ICP	<5.00E+02
Lithium	50713	10/20/89	ICP	2.50E+01

DATA FOR 400 Area Secondary Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Lithium	50784	11/21/89	ICP	3.40E+01
Lithium	50826	12/06/89	ICP	3.00E+01
Lithium	50876	1/09/90	ICP	2.60E+01
Magnesium	50713	10/20/89	ICP	1.45E+04
Magnesium	50784	11/21/89	ICP	1.83E+04
Magnesium	50826	12/06/89	ICP	1.64E+04
Magnesium	50876	1/09/90	ICP	1.38E+04
Manganese	50713	10/20/89	ICP	1.80E+01
Manganese	50784	11/21/89	ICP	8.00E+00
Manganese	50826	12/06/89	ICP	1.50E+01
Manganese	50876	1/09/90	ICP	1.20E+01
Mercury (EP Toxic)	50713E	10/20/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50784E	11/21/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50826E	12/06/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50876E	1/09/90	CVAA/M	<2.00E+01
Nitrate	50713	10/20/89	IC	1.10E+03
Nitrate	50784	11/21/89	IC	9.37E+02
Nitrate	50826	12/06/89	IC	1.40E+03
Nitrate	50876	1/09/90	IC	1.00E+03
Potassium	50713	10/20/89	ICP	1.43E+04
Potassium	50784	11/21/89	ICP	1.95E+04
Potassium	50826	12/06/89	ICP	1.71E+04
Potassium	50876	1/09/90	ICP	1.41E+04
Selenium (EP Toxic)	50713E	10/20/89	ICP	<5.00E+02
Selenium (EP Toxic)	50784E	11/21/89	ICP	<5.00E+02
Selenium (EP Toxic)	50826E	12/06/89	ICP	<5.00E+02
Selenium (EP Toxic)	50876E	1/09/90	ICP	<5.00E+02
Silicon	50713	10/20/89	ICP	3.46E+04
Silicon	50784	11/21/89	ICP	4.41E+04
Silicon	50826	12/06/89	ICP	3.87E+04
Silicon	50876	1/09/90	ICP	3.21E+04
Silver (EP Toxic)	50713E	10/20/89	ICP	<5.00E+02
Silver (EP Toxic)	50784E	11/21/89	ICP	<5.00E+02
Silver (EP Toxic)	50826E	12/06/89	ICP	<5.00E+02
Silver (EP Toxic)	50876E	1/09/90	ICP	<5.00E+02
Sodium	50713	10/20/89	ICP	5.91E+04
Sodium	50784	11/21/89	ICP	7.61E+04
Sodium	50826	12/06/89	ICP	6.75E+04
Sodium	50876	1/09/90	ICP	5.58E+04
Strontium	50713	10/20/89	ICP	2.57E+02
Strontium	50784	11/21/89	ICP	3.42E+02
Strontium	50826	12/06/89	ICP	2.94E+02
Strontium	50876	1/09/90	ICP	2.49E+02
Sulfate	50713	10/20/89	IC	6.40E+04
Sulfate	50784	11/21/89	IC	5.12E+04
Sulfate	50826	12/06/89	IC	6.88E+04
Sulfate	50876	1/09/90	IC	7.19E+04
Uranium	50713	10/20/89	GEA	1.85E-01
Uranium	50784	11/21/89	GEA	2.14E-01
Uranium	50826	12/06/89	GEA	5.68E-01
Uranium	50876	1/09/90	GEA	3.08E-01
Zinc	50713	10/20/89	ICP	4.20E+01
Zinc	50784	11/21/89	ICP	2.00E+01

DATA FOR 400 Area Secondary Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Zinc	50826	12/06/89	ICP	2.60E+01
Zinc	50876	1/09/90	ICP	4.90E+01
Acetone	50713	10/20/89	VOA	2.70E+01
Acetone	50713	10/20/89	ABN	<1.00E+01
Acetone	50713B	10/20/89	VOA	<1.00E+01
Acetone	50713T	10/20/89	VOA	<1.00E+01
Acetone	50784	11/21/89	VOA	<1.00E+01
Acetone	50784	11/21/89	ABN	<1.00E+01
Acetone	50784B	11/21/89	VOA	<1.00E+01
Acetone	50784T	11/21/89	VOA	<1.00E+01
Acetone	50826	12/06/89	VOA	<1.00E+01
Acetone	50826	12/06/89	ABN	<1.00E+01
Acetone	50826B	12/06/89	VOA	<1.00E+01
Acetone	50826T	12/06/89	VOA	<1.00E+01
Acetone	50876	1/09/90	VOA	<1.00E+01
Acetone	50876	1/09/90	ABN	<1.00E+01
Acetone	50876B	1/09/90	VOA	<6.00E+00
Acetone	50876T	1/09/90	VOA	<6.00E+00
Ammonia	50713	10/20/89	ISE	1.00E+02
Ammonia	50784	11/21/89	ISE	<5.00E+01
Ammonia	50826	12/06/89	ISE	<5.00E+01
Ammonia	50876	1/09/90	ISE	1.20E+02
Bromodichloromethane	50713	10/20/89	VOA	<5.00E+00
Bromodichloromethane	50713B	10/20/89	VOA	<5.00E+00
Bromodichloromethane	50713T	10/20/89	VOA	<5.00E+00
Bromodichloromethane	50784	11/21/89	VOA	<5.00E+00
Bromodichloromethane	50784B	11/21/89	VOA	<5.00E+00
Bromodichloromethane	50784T	11/21/89	VOA	<5.00E+00
Bromodichloromethane	50826	12/06/89	VOA	5.00E+00
Bromodichloromethane	50826B	12/06/89	VOA	<5.00E+00
Bromodichloromethane	50826T	12/06/89	VOA	<5.00E+00
Bromodichloromethane	50876	1/09/90	VOA	<5.00E+00
Bromodichloromethane	50876B	1/09/90	VOA	<5.00E+00
Bromodichloromethane	50876T	1/09/90	VOA	<5.00E+00
2-Butanone	50713	10/20/89	VOA	1.20E+01
2-Butanone	50713B	10/20/89	VOA	2.30E+01
2-Butanone	50713T	10/20/89	VOA	1.90E+01
2-Butanone	50784	11/21/89	VOA	<1.00E+01
2-Butanone	50784B	11/21/89	VOA	<1.00E+01
2-Butanone	50784T	11/21/89	VOA	<1.00E+01
2-Butanone	50826	12/06/89	VOA	<6.00E+00
2-Butanone	50826B	12/06/89	VOA	<7.00E+00
2-Butanone	50826T	12/06/89	VOA	<1.00E+01
2-Butanone	50876	1/09/90	VOA	<1.00E+01
2-Butanone	50876B	1/09/90	VOA	<1.00E+01
2-Butanone	50876T	1/09/90	VOA	<1.00E+01
Dichloromethane	50713	10/20/89	VOA	<5.00E+00
Dichloromethane	50713B	10/20/89	VOA	1.00E+01
Dichloromethane	50713T	10/20/89	VOA	7.90E+01
Dichloromethane	50784	11/21/89	VOA	<5.00E+00
Dichloromethane	50784B	11/21/89	VOA	<3.00E+00
Dichloromethane	50784T	11/21/89	VOA	<3.00E+00
Dichloromethane	50826	12/06/89	VOA	<5.00E+00

DATA FOR 400 Area Secondary Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Dichloromethane	50826B	12/06/89	VOA	<5.00E+00
Dichloromethane	50826T	12/06/89	VOA	<5.00E+00
Dichloromethane	50876	1/09/90	VOA	<5.00E+00
Dichloromethane	50876B	1/09/90	VOA	<5.00E+00
Dichloromethane	50876T	1/09/90	VOA	<5.00E+00
Tetrahydrofuran	50713	10/20/89	VOA	<1.00E+01
Tetrahydrofuran	50713B	10/20/89	VOA	2.00E+01
Tetrahydrofuran	50713T	10/20/89	VOA	<1.00E+01
Tetrahydrofuran	50784	11/21/89	VOA	<1.00E+01
Tetrahydrofuran	50784B	11/21/89	VOA	<1.00E+01
Tetrahydrofuran	50784T	11/21/89	VOA	<1.00E+01
Tetrahydrofuran	50826	12/06/89	VOA	<1.00E+01
Tetrahydrofuran	50826B	12/06/89	VOA	<1.00E+01
Tetrahydrofuran	50826T	12/06/89	VOA	<1.00E+01
Tetrahydrofuran	50876	1/09/90	VOA	<1.00E+01
Tetrahydrofuran	50876B	1/09/90	VOA	<1.00E+01
Tetrahydrofuran	50876T	1/09/90	VOA	<6.00E+00
Trichloromethane	50713	10/20/89	VOA	<5.00E+00
Trichloromethane	50713B	10/20/89	VOA	<5.00E+00
Trichloromethane	50713T	10/20/89	VOA	<5.00E+00
Trichloromethane	50784	11/21/89	VOA	<5.00E+00
Trichloromethane	50784B	11/21/89	VOA	<4.00E+00
Trichloromethane	50784T	11/21/89	VOA	1.10E+01
Trichloromethane	50826	12/06/89	VOA	8.00E+00
Trichloromethane	50826B	12/06/89	VOA	<4.00E+00
Trichloromethane	50826T	12/06/89	VOA	<4.00E+00
Trichloromethane	50876	1/09/90	VOA	<5.00E+00
Trichloromethane	50876B	1/09/90	VOA	<3.00E+00
Trichloromethane	50876T	1/09/90	VOA	<3.00E+00
Alkalinity (Method B)	50713	10/20/89	TITRA	2.42E+05
Alkalinity (Method B)	50784	11/21/89	TITRA	3.09E+05
Alkalinity (Method B)	50826	12/06/89	TITRA	2.73E+05
Alkalinity (Method B)	50876	1/09/90	TITRA	2.86E+05
Beta Activity (pCi/L)	50713	10/20/89	Beta	1.22E+01
Beta Activity (pCi/L)	50784	11/21/89	Beta	2.02E+01
Beta Activity (pCi/L)	50826	12/06/89	Beta	3.12E+01
Beta Activity (pCi/L)	50876	1/09/90	Beta	1.26E+01
Conductivity (uS)	50713	10/20/89	COND-Fld	5.27E+02
Conductivity (uS)	50784	11/21/89	COND-Fld	7.53E+02
Conductivity (uS)	50826	12/06/89	COND-Fld	6.85E+02
Conductivity (uS)	50876	1/09/90	COND-Fld	6.98E+02
Ignitability (degrees F)	50713E	10/20/89	IGNIT	2.12E+02
Ignitability (degrees F)	50784E	11/21/89	IGNIT	2.14E+02
Ignitability (degrees F)	50826E	12/06/89	IGNIT	2.10E+02
Ignitability (degrees F)	50876E	1/09/90	IGNIT	2.12E+02
pH (dimensionless)	50713	10/20/89	PH-Fld	8.85E+00
pH (dimensionless)	50784	11/21/89	PH-Fld	8.80E+00
pH (dimensionless)	50826	12/06/89	PH-Fld	7.25E+00
pH (dimensionless)	50876	1/09/90	PH-Fld	8.80E+00
Reactivity Cyanide (mg/kg)	50713E	10/20/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50784E	11/21/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50826E	12/06/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50876E	1/09/90	DSPEC	<1.00E+02

DATA FOR 400 Area Secondary Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Reactivity Sulfide (mg/kg)	50713E	10/20/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50784E	11/21/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50826E	12/06/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50876E	1/09/90	DTITRA	<1.00E+02
TDS (mg/L)	50713	10/20/89	TDS	4.01E+05
TDS (mg/L)	50784	11/21/89	TDS	5.53E+05
TDS (mg/L)	50826	12/06/89	TDS	4.65E+05
TDS (mg/L)	50876	1/09/90	TDS	4.11E+05
Temperature (degrees C)	50713	10/20/89	TEMP-Fld	1.93E+01
Temperature (degrees C)	50784	11/21/89	TEMP-Fld	1.86E+01
Temperature (degrees C)	50826	12/06/89	TEMP-Fld	1.63E+01
Temperature (degrees C)	50876	1/09/90	TEMP-Fld	1.77E+01
TOC (ug/g)	50713	10/20/89	TOC	2.40E+03
TOC (ug/g)	50784	11/21/89	TOC	<1.90E+03
TOC (ug/g)	50826	12/06/89	TOC	2.30E+03
TOC (ug/g)	50876	1/09/90	TOC	2.10E+03
Total Carbon (ug/g)	50713	10/20/89	TC	6.00E+04
Total Carbon (ug/g)	50784	11/21/89	TC	6.95E+04
Total Carbon (ug/g)	50826	12/06/89	TC	6.28E+04
Total Carbon (ug/g)	50876	1/09/90	TC	5.14E+04
TOX (ug (Cl)/L)	50713	10/20/89	LTOX	7.30E+01
TOX (ug (Cl)/L)	50784	11/21/89	LTOX	1.54E+02
TOX (ug (Cl)/L)	50826	12/06/89	LTOX	2.61E+02
TOX (ug (Cl)/L)	50876	1/09/90	LTOX	7.90E+01
Co-60 (pCi/L)	50713	10/20/89	GEA	<4.02E-01
Co-60 (pCi/L)	50784	11/21/89	GEA	9.16E+01
Co-60 (pCi/L)	50826	12/06/89	GEA	<2.36E-01
Co-60 (pCi/L)	50876	1/09/90	GEA	<5.94E-01
Cs-137 (pCi/L)	50713	10/20/89	GEA	<3.48E-01
Cs-137 (pCi/L)	50784	11/21/89	GEA	9.48E+01
Cs-137 (pCi/L)	50826	12/06/89	GEA	<6.67E-01
H-3 (pCi/L)	50713	10/20/89	LSC	6.65E+03
H-3 (pCi/L)	50784	11/21/89	LSC	6.31E+03
H-3 (pCi/L)	50826	12/06/89	LSC	6.89E+03
H-3 (pCi/L)	50876	1/09/90	LSC	6.31E+03
Radium Total (pCi/L)	50713	10/20/89	Alpha-Ra	1.82E-01
Radium Total (pCi/L)	50784	11/21/89	Alpha-Ra	1.70E-01
Radium Total (pCi/L)	50826	12/06/89	Alpha-Ra	<1.32E-01
Radium Total (pCi/L)	50876	1/09/90	Alpha-Ra	<7.35E-02

DATA FOR 242-A Evaporator Steam Condensate

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50740E	10/30/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50907E	1/30/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50919E	2/09/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51087E	3/22/90	ICP	<5.00E+02
Barium	50740	10/30/89	ICP	3.30E+01
Barium	50907	1/30/90	ICP	3.20E+01
Barium	50919	2/09/90	ICP	3.10E+01
Barium	51087	3/22/90	ICP	2.90E+01
Barium (EP Toxic)	50740E	10/30/89	ICP	<1.00E+03
Barium (EP Toxic)	50907E	1/30/90	ICP	<1.00E+03
Barium (EP Toxic)	50919E	2/09/90	ICP	<1.00E+03
Barium (EP Toxic)	51087E	3/22/90	ICP	<1.00E+03
Boron	50740	10/30/89	ICP	2.30E+01
Boron	50907	1/30/90	ICP	<1.00E+01
Boron	50919	2/09/90	ICP	2.00E+01
Boron	51087	3/22/90	ICP	2.10E+01
Cadmium (EP Toxic)	50740E	10/30/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50907E	1/30/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50919E	2/09/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51087E	3/22/90	ICP	<1.00E+02
Calcium	50740	10/30/89	ICP	1.87E+04
Calcium	50907	1/30/90	ICP	2.07E+04
Calcium	50919	2/09/90	ICP	1.99E+04
Calcium	51087	3/22/90	ICP	1.78E+04
Chloride	50740	10/30/89	IC	1.30E+03
Chloride	50907	1/30/90	IC	1.10E+03
Chloride	50919	2/09/90	IC	1.10E+03
Chloride	51087	3/22/90	IC	9.00E+02
Chromium (EP Toxic)	50740E	10/30/89	ICP	<5.00E+02
Chromium (EP Toxic)	50907E	1/30/90	ICP	<5.00E+02
Chromium (EP Toxic)	50919E	2/09/90	ICP	<5.00E+02
Chromium (EP Toxic)	51087E	3/22/90	ICP	<5.00E+02
Copper	50740	10/30/89	ICP	1.10E+01
Copper	50907	1/30/90	ICP	1.00E+01
Copper	50919	2/09/90	ICP	1.30E+01
Copper	51087	3/22/90	ICP	<1.00E+01
Fluoride	50740	10/30/89	IC	<5.00E+02
Fluoride	50740	10/30/89	ISE	1.32E+02
Fluoride	50907	1/30/90	IC	<5.00E+02
Fluoride	50907	1/30/90	ISE	1.28E+02
Fluoride	50919	2/09/90	IC	<5.00E+02
Fluoride	50919	2/09/90	ISE	1.30E+02
Fluoride	51087	3/22/90	IC	<5.00E+02
Fluoride	51087	3/22/90	ISE	1.25E+02
Iron	50740	10/30/89	ICP	2.11E+02
Iron	50907	1/30/90	ICP	4.90E+01
Iron	50919	2/09/90	ICP	3.70E+01
Iron	51087	3/22/90	ICP	3.90E+01
Lead	50740	10/30/89	GFAA	7.00E+00
Lead	50907	1/30/90	GFAA	<5.00E+00
Lead	50919	2/09/90	GFAA	<5.00E+00
Lead	51087	3/22/90	GFAA	<5.00E+00
Lead (EP Toxic)	50740E	10/30/89	ICP	<5.00E+02

DATA FOR 242-A Evaporator Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Lead (EP Toxic)	50907E	1/30/90	ICP	<5.00E+02
Lead (EP Toxic)	50919E	2/09/90	ICP	<5.00E+02
Lead (EP Toxic)	51087E	3/22/90	ICP	<5.00E+02
Magnesium	50740	10/30/89	ICP	4.43E+03
Magnesium	50907	1/30/90	ICP	4.71E+03
Magnesium	50919	2/09/90	ICP	4.52E+03
Magnesium	51087	3/22/90	ICP	4.49E+03
Manganese	50740	10/30/89	ICP	4.20E+01
Manganese	50907	1/30/90	ICP	<5.00E+00
Manganese	50919	2/09/90	ICP	<5.00E+00
Manganese	51087	3/22/90	ICP	<5.00E+00
Mercury	50740	10/30/89	CVAA	<1.00E-01
Mercury	50907	1/30/90	CVAA	<1.00E-01
Mercury	50919	2/09/90	CVAA	<1.00E-01
Mercury	51087	3/22/90	CVAA	1.20E-01
Mercury (EP Toxic)	50740E	10/30/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50907E	1/30/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50919E	2/09/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51087E	3/22/90	CVAA/M	<2.00E+01
Nitrate	50740	10/30/89	IC	6.00E+02
Nitrate	50907	1/30/90	IC	6.00E+02
Nitrate	50919	2/09/90	IC	5.00E+02
Nitrate	51087	3/22/90	IC	<5.00E+02
Potassium	50740	10/30/89	ICP	8.27E+02
Potassium	50907	1/30/90	ICP	7.37E+02
Potassium	50919	2/09/90	ICP	7.11E+02
Potassium	51087	3/22/90	ICP	7.26E+02
Selenium (EP Toxic)	50740E	10/30/89	ICP	<5.00E+02
Selenium (EP Toxic)	50907E	1/30/90	ICP	<5.00E+02
Selenium (EP Toxic)	50919E	2/09/90	ICP	<5.00E+02
Selenium (EP Toxic)	51087E	3/22/90	ICP	<5.00E+02
Silicon	50740	10/30/89	ICP	2.69E+03
Silicon	50907	1/30/90	ICP	2.65E+03
Silicon	50919	2/09/90	ICP	2.50E+03
Silicon	51087	3/22/90	ICP	2.16E+03
Silver (EP Toxic)	50740E	10/30/89	ICP	<5.00E+02
Silver (EP Toxic)	50907E	1/30/90	ICP	<5.00E+02
Silver (EP Toxic)	50919E	2/09/90	ICP	<5.00E+02
Silver (EP Toxic)	51087E	3/22/90	ICP	<5.00E+02
Sodium	50740	10/30/89	ICP	2.34E+03
Sodium	50907	1/30/90	ICP	2.22E+03
Sodium	50919	2/09/90	ICP	2.23E+03
Sodium	51087	3/22/90	ICP	2.03E+03
Strontium	50740	10/30/89	ICP	1.02E+02
Strontium	50907	1/30/90	ICP	9.30E+01
Strontium	50919	2/09/90	ICP	9.40E+01
Strontium	51087	3/22/90	ICP	9.60E+01
Sulfate	50740	10/30/89	IC	1.07E+04
Sulfate	50907	1/30/90	IC	1.04E+04
Sulfate	50919	2/09/90	IC	1.08E+04
Sulfate	51087	3/22/90	IC	1.03E+04
Uranium	50740	10/30/89	GEA	6.21E-01
Uranium	51087	3/22/90	GEA	4.19E-01

DATA FOR 242-A Evaporator Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Zinc	50740	10/30/89	ICP	2.90E+01
Zinc	50907	1/30/90	ICP	1.00E+01
Zinc	50919	2/09/90	ICP	2.90E+01
Zinc	51087	3/22/90	ICP	7.00E+00
Ammonia	50740	10/30/89	ISE	7.10E+01
Ammonia	50907	1/30/90	ISE	<5.00E+01
Ammonia	50919	2/09/90	ISE	<5.00E+01
Ammonia	51087	3/22/90	ISE	8.10E+01
2-Butanone	50740	10/30/89	VOA	<1.00E+01
2-Butanone	50740B	10/30/89	VOA	<6.00E+00
2-Butanone	50740T	10/30/89	VOA	1.80E+01
2-Butanone	50907	1/30/90	VOA	<1.00E+01
2-Butanone	50907B	1/30/90	VOA	<6.00E+00
2-Butanone	50907T	1/30/90	VOA	<8.00E+00
2-Butanone	50919	2/09/90	VOA	<1.00E+01
2-Butanone	50919B	2/09/90	VOA	<5.00E+00
2-Butanone	50919T	2/09/90	VOA	<6.00E+00
2-Butanone	51087	3/22/90	VOA	<1.00E+01
2-Butanone	51087B	3/22/90	VOA	<1.00E+01
2-Butanone	51087T	3/22/90	VOA	<1.00E+01
Dichloromethane	50740	10/30/89	VOA	<5.00E+00
Dichloromethane	50740B	10/30/89	VOA	<3.00E+00
Dichloromethane	50740T	10/30/89	VOA	2.30E+01
Dichloromethane	50907	1/30/90	VOA	<5.00E+00
Dichloromethane	50907B	1/30/90	VOA	<4.00E+00
Dichloromethane	50907T	1/30/90	VOA	<4.00E+00
Dichloromethane	50919	2/09/90	VOA	<5.00E+00
Dichloromethane	50919B	2/09/90	VOA	<5.00E+00
Dichloromethane	50919T	2/09/90	VOA	<5.00E+00
Dichloromethane	51087	3/22/90	VOA	<5.00E+00
Dichloromethane	51087B	3/22/90	VOA	<5.00E+00
Dichloromethane	51087T	3/22/90	VOA	<5.00E+00
Tetrahydrofuran	50740	10/30/89	VOA	<1.00E+01
Tetrahydrofuran	50740B	10/30/89	VOA	1.70E+01
Tetrahydrofuran	50740T	10/30/89	VOA	<1.00E+01
Tetrahydrofuran	50907	1/30/90	VOA	<1.00E+01
Tetrahydrofuran	50907B	1/30/90	VOA	<1.00E+01
Tetrahydrofuran	50907T	1/30/90	VOA	<8.00E+00
Tetrahydrofuran	50919	2/09/90	VOA	<1.00E+01
Tetrahydrofuran	50919B	2/09/90	VOA	<1.00E+01
Tetrahydrofuran	50919T	2/09/90	VOA	<1.00E+01
Tetrahydrofuran	51087	3/22/90	VOA	<1.00E+01
Tetrahydrofuran	51087B	3/22/90	VOA	<9.00E+00
Tetrahydrofuran	51087T	3/22/90	VOA	<6.00E+00
Alkalinity (Method B)	50740	10/30/89	TITRA	6.00E+04
Alkalinity (Method B)	50907	1/30/90	TITRA	6.60E+04
Alkalinity (Method B)	50919	2/09/90	TITRA	6.30E+04
Alkalinity (Method B)	51087	3/22/90	TITRA	6.00E+04
Alpha Activity (pCi/L)	50740	10/30/89	Alpha	<3.48E-01
Alpha Activity (pCi/L)	51087	3/22/90	Alpha	9.44E-01
Conductivity (uS)	50740	10/30/89	COND-Fld	1.48E+02
Conductivity (uS)	50907	1/30/90	COND-Fld	1.77E+02
Conductivity (uS)	50919	2/09/90	COND-Fld	1.82E+02

DATA FOR 242-A Evaporator Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Conductivity (uS)	51087	3/22/90	COND-Fld	1.52E+02
Ignitability (degrees F)	50740E	10/30/89	IGNIT	2.10E+02
Ignitability (degrees F)	50907E	1/30/90	IGNIT	2.10E+02
Ignitability (degrees F)	50919E	2/09/90	IGNIT	2.04E+02
Ignitability (degrees F)	51087E	3/22/90	IGNIT	2.04E+02
pH (dimensionless)	50740	10/30/89	PH-Fld	7.98E+00
pH (dimensionless)	50907	1/30/90	PH-Fld	8.05E+00
pH (dimensionless)	50919	2/09/90	PH-Fld	7.96E+00
pH (dimensionless)	51087	3/22/90	PH-Fld	8.18E+00
Reactivity Cyanide (mg/kg)	50740E	10/30/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50907E	1/30/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50919E	2/09/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51087E	3/22/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50740E	10/30/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50907E	1/30/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50919E	2/09/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51087E	3/22/90	DTITRA	<1.00E+02
TDS (mg/L)	50740	10/30/89	TDS	7.50E+04
TDS (mg/L)	50907	1/30/90	TDS	7.30E+04
TDS (mg/L)	50919	2/09/90	TDS	7.20E+04
TDS (mg/L)	51087	3/22/90	TDS	8.40E+04
Temperature (degrees C)	50740	10/30/89	TEMP-Fld	2.05E+01
Temperature (degrees C)	50907	1/30/90	TEMP-Fld	2.37E+01
Temperature (degrees C)	50919	2/09/90	TEMP-Fld	2.88E+01
Temperature (degrees C)	51087	3/22/90	TEMP-Fld	2.19E+01
TOC (ug/g)	50740	10/30/89	TOC	<1.70E+03
TOC (ug/g)	50907	1/30/90	TOC	<1.10E+03
TOC (ug/g)	50919	2/09/90	TOC	<1.10E+03
TOC (ug/g)	51087	3/22/90	TOC	1.10E+03
Total Carbon (ug/g)	50740	10/30/89	TC	1.44E+04
Total Carbon (ug/g)	50907	1/30/90	TC	1.35E+04
Total Carbon (ug/g)	50919	2/09/90	TC	1.32E+04
Total Carbon (ug/g)	51087	3/22/90	TC	1.61E+04
C-14 (pCi/L)	50740	10/30/89	LSC	4.50E+00
C-14 (pCi/L)	51087	3/22/90	LSC	3.58E+00
Sr-90 (pCi/L)	50740	10/30/89	Beta	3.08E-01
Sr-90 (pCi/L)	51087	3/22/90	Beta	6.88E-01
U-234 (pCi/L)	50740	10/30/89	AEA	2.01E-01
U-234 (pCi/L)	51087	3/22/90	AEA	1.84E-01
U-238 (pCi/L)	50740	10/30/89	AEA	1.61E-01
U-238 (pCi/L)	51087	3/22/90	AEA	1.78E-01

DATA FOR B Plant Cooling Water

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50788E	11/22/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50812E	11/29/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50931E	2/12/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51032E	3/08/90	ICP	<5.00E+02
Barium	50788	11/22/89	ICP	3.10E+01
Barium	50812	11/29/89	ICP	3.30E+01
Barium	50931	2/12/90	ICP	3.20E+01
Barium	51032	3/08/90	ICP	3.00E+01
Barium (EP Toxic)	50788E	11/22/89	ICP	<1.00E+03
Barium (EP Toxic)	50812E	11/29/89	ICP	<1.00E+03
Barium (EP Toxic)	50931E	2/12/90	ICP	<1.00E+03
Barium (EP Toxic)	51032E	3/08/90	ICP	<1.00E+03
Boron	50788	11/22/89	ICP	<1.00E+01
Boron	50812	11/29/89	ICP	<1.00E+01
Boron	50931	2/12/90	ICP	1.20E+01
Boron	51032	3/08/90	ICP	3.10E+01
Cadmium (EP Toxic)	50788E	11/22/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50812E	11/29/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50931E	2/12/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51032E	3/08/90	ICP	<1.00E+02
Calcium	50788	11/22/89	ICP	1.82E+04
Calcium	50812	11/29/89	ICP	1.95E+04
Calcium	50931	2/12/90	ICP	1.90E+04
Calcium	51032	3/08/90	ICP	1.86E+04
Chloride	50788	11/22/89	IC	<5.00E+02
Chloride	50812	11/29/89	IC	9.00E+02
Chloride	50931	2/12/90	IC	1.10E+03
Chloride	51032	3/08/90	IC	1.00E+03
Chromium (EP Toxic)	50788E	11/22/89	ICP	<5.00E+02
Chromium (EP Toxic)	50812E	11/29/89	ICP	<5.00E+02
Chromium (EP Toxic)	50931E	2/12/90	ICP	<5.00E+02
Chromium (EP Toxic)	51032E	3/08/90	ICP	<5.00E+02
Fluoride	50788	11/22/89	IC	<5.00E+02
Fluoride	50788	11/22/89	ISE	1.38E+02
Fluoride	50812	11/29/89	IC	<5.00E+02
Fluoride	50812	11/29/89	ISE	1.31E+02
Fluoride	50931	2/12/90	IC	<5.00E+02
Fluoride	50931	2/12/90	ISE	1.27E+02
Fluoride	51032	3/08/90	IC	<5.00E+02
Fluoride	51032	3/08/90	ISE	1.32E+02
Iron	50788	11/22/89	ICP	3.80E+01
Iron	50812	11/29/89	ICP	3.90E+01
Iron	50931	2/12/90	ICP	<3.00E+01
Iron	51032	3/08/90	ICP	3.30E+01
Lead	50788	11/22/89	GFAA	<5.00E+00
Lead	50812	11/29/89	GFAA	<5.00E+00
Lead	50931	2/12/90	GFAA	<5.00E+00
Lead	51032	3/08/90	GFAA	7.00E+00
Lead (EP Toxic)	50788E	11/22/89	ICP	<5.00E+02
Lead (EP Toxic)	50812E	11/29/89	ICP	<5.00E+02
Lead (EP Toxic)	50931E	2/12/90	ICP	<5.00E+02
Lead (EP Toxic)	51032E	3/08/90	ICP	<5.00E+02
Magnesium	50788	11/22/89	ICP	4.05E+03

DATA FOR B Plant Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	50812	11/29/89	ICP	4.46E+03
Magnesium	50931	2/12/90	ICP	4.36E+03
Magnesium	51032	3/08/90	ICP	4.57E+03
Manganese	50788	11/22/89	ICP	<5.00E+00
Manganese	50812	11/29/89	ICP	5.00E+00
Manganese	50931	2/12/90	ICP	<5.00E+00
Manganese	51032	3/08/90	ICP	<5.00E+00
Mercury (EP Toxic)	50788E	11/22/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50812E	11/29/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50931E	2/12/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51032E	3/08/90	CVAA/M	<2.00E+01
Nitrate	50788	11/22/89	IC	5.00E+02
Nitrate	50812	11/29/89	IC	5.00E+02
Nitrate	50931	2/12/90	IC	5.00E+02
Nitrate	51032	3/08/90	IC	<5.00E+02
Potassium	50788	11/22/89	ICP	7.33E+02
Potassium	50812	11/29/89	ICP	7.68E+02
Potassium	50931	2/12/90	ICP	7.01E+02
Potassium	51032	3/08/90	ICP	7.61E+02
Selenium (EP Toxic)	50788E	11/22/89	ICP	<5.00E+02
Selenium (EP Toxic)	50812E	11/29/89	ICP	<5.00E+02
Selenium (EP Toxic)	50931E	2/12/90	ICP	<5.00E+02
Selenium (EP Toxic)	51032E	3/08/90	ICP	<5.00E+02
Silicon	50788	11/22/89	ICP	2.36E+03
Silicon	50812	11/29/89	ICP	2.66E+03
Silicon	50931	2/12/90	ICP	2.44E+03
Silicon	51032	3/08/90	ICP	2.39E+03
Silver (EP Toxic)	50788E	11/22/89	ICP	<5.00E+02
Silver (EP Toxic)	50812E	11/29/89	ICP	<5.00E+02
Silver (EP Toxic)	50931E	2/12/90	ICP	<5.00E+02
Silver (EP Toxic)	51032E	3/08/90	ICP	<5.00E+02
Sodium	50788	11/22/89	ICP	2.01E+03
Sodium	50812	11/29/89	ICP	2.13E+03
Sodium	50931	2/12/90	ICP	2.00E+03
Sodium	51032	3/08/90	ICP	2.09E+03
Strontium	50788	11/22/89	ICP	9.30E+01
Strontium	50812	11/29/89	ICP	9.90E+01
Strontium	50931	2/12/90	ICP	8.70E+01
Strontium	51032	3/08/90	ICP	9.70E+01
Sulfate	50788	11/22/89	IC	9.30E+03
Sulfate	50812	11/29/89	IC	9.90E+03
Sulfate	50931	2/12/90	IC	1.13E+04
Sulfate	51032	3/08/90	IC	1.08E+04
Uranium	50788	11/22/89	GEA	3.95E-01
Uranium	50812	11/29/89	GEA	1.42E+00
Uranium	51032	3/08/90	GEA	5.58E-01
Zinc	50788	11/22/89	ICP	<5.00E+00
Zinc	50812	11/29/89	ICP	<5.00E+00
Zinc	50931	2/12/90	ICP	8.00E+00
Zinc	51032	3/08/90	ICP	6.00E+00
Acetone	50788	11/22/89	VOA	<1.00E+01
Acetone	50788	11/22/89	ABN	<1.00E+01
Acetone	50788B	11/22/89	VOA	<7.00E+00

DATA FOR B Plant Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50788T	11/22/89	VOA	<1.00E+01
Acetone	50812	11/29/89	VOA	<1.00E+01
Acetone	50812	11/29/89	ABN	<1.00E+01
Acetone	50812B	11/29/89	VOA	<1.00E+01
Acetone	50931	2/12/90	VOA	1.60E+01
Acetone	50931	2/12/90	ABN	<1.00E+01
Acetone	50931B	2/12/90	VOA	5.00E+01
Acetone	50931T	2/12/90	VOA	2.50E+01
Acetone	51032	3/08/90	VOA	<1.00E+01
Acetone	51032	3/08/90	ABN	<1.00E+01
Acetone	51032B	3/08/90	VOA	<1.00E+01
Acetone	51032T	3/08/90	VOA	<5.00E+00
1-Butanol	50788	11/22/89	DIGC	<1.00E+04
1-Butanol	50812	11/29/89	DIGC	<1.00E+04
1-Butanol	50931	2/12/90	DIGC	<1.00E+04
1-Butanol	51032	3/08/90	VOA	1.20E+01
1-Butanol	51032	3/08/90	DIGC	<1.00E+04
1-Butanol	51032B	3/08/90	VOA	1.30E+01
1-Butanol	51032T	3/08/90	VOA	1.40E+01
2-Butanone	50788	11/22/89	VOA	<1.00E+01
2-Butanone	50788B	11/22/89	VOA	<1.00E+01
2-Butanone	50788T	11/22/89	VOA	<1.00E+01
2-Butanone	50812	11/29/89	VOA	<1.00E+01
2-Butanone	50812B	11/29/89	VOA	<1.00E+01
2-Butanone	50931	2/12/90	VOA	1.00E+01
2-Butanone	50931B	2/12/90	VOA	1.03E+02
2-Butanone	50931T	2/12/90	VOA	9.10E+01
2-Butanone	51032	3/08/90	VOA	<1.00E+01
2-Butanone	51032B	3/08/90	VOA	<1.00E+01
2-Butanone	51032T	3/08/90	VOA	<1.00E+01
Trichloromethane	50788	11/22/89	VOA	<5.00E+00
Trichloromethane	50788B	11/22/89	VOA	<3.00E+00
Trichloromethane	50788T	11/22/89	VOA	1.10E+01
Trichloromethane	50812	11/29/89	VOA	8.00E+00
Trichloromethane	50812B	11/29/89	VOA	<5.00E+00
Trichloromethane	50931	2/12/90	VOA	<5.00E+00
Trichloromethane	50931B	2/12/90	VOA	<4.00E+00
Trichloromethane	50931T	2/12/90	VOA	<3.00E+00
Trichloromethane	51032	3/08/90	VOA	<5.00E+00
Trichloromethane	51032B	3/08/90	VOA	<5.00E+00
Trichloromethane	51032T	3/08/90	VOA	<5.00E+00
Alkalinity (Method B)	50788	11/22/89	TITRA	5.80E+04
Alkalinity (Method B)	50812	11/29/89	TITRA	5.90E+04
Alkalinity (Method B)	50931	2/12/90	TITRA	6.20E+04
Alkalinity (Method B)	51032	3/08/90	TITRA	6.00E+04
Beta Activity (pCi/L)	50788	11/22/89	Beta	2.69E+00
Beta Activity (pCi/L)	50812	11/29/89	Beta	2.29E+00
Conductivity (uS)	50788	11/22/89	COND-Fld	1.44E+02
Conductivity (uS)	50812	11/29/89	COND-Fld	1.40E+02
Conductivity (uS)	50931	2/12/90	COND-Fld	1.26E+02
Conductivity (uS)	51032	3/08/90	COND-Fld	1.32E+02
Ingitability (degrees F)	50788E	11/22/89	IGNIT	2.08E+02
Ingitability (degrees F)	50812E	11/29/89	IGNIT	2.12E+02

DATA FOR B Plant Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Ingitability (degrees F)	50931E	2/12/90	IGNIT	2.08E+02
Ingitability (degrees F)	51032E	3/08/90	IGNIT	2.02E+02
pH (dimensionless)	50788	11/22/89	PH-Fld	7.50E+00
pH (dimensionless)	50812	11/29/89	PH-Fld	7.70E+00
pH (dimensionless)	50931	2/12/90	PH-Fld	7.25E+00
pH (dimensionless)	51032	3/08/90	PH-Fld	8.12E+00
Reactivity Cyanide (mg/kg)	50788E	11/22/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50812E	11/29/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50931E	2/12/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51032E	3/08/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50788E	11/22/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50812E	11/29/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50931E	2/12/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51032E	3/08/90	DTITRA	<1.00E+02
TDS (mg/L)	50788	11/22/89	TDS	6.40E+04
TDS (mg/L)	50812	11/29/89	TDS	5.20E+04
TDS (mg/L)	50931	2/12/90	TDS	6.30E+04
TDS (mg/L)	51032	3/08/90	TDS	6.30E+04
Temperature (degrees C)	50788	11/22/89	TEMP-Fld	1.39E+01
Temperature (degrees C)	50812	11/29/89	TEMP-Fld	1.13E+01
Temperature (degrees C)	50931	2/12/90	TEMP-Fld	8.60E+00
Temperature (degrees C)	51032	3/08/90	TEMP-Fld	8.80E+00
TOC (ug/g)	50788	11/22/89	TOC	<1.30E+03
TOC (ug/g)	50812	11/29/89	TOC	<1.10E+03
TOC (ug/g)	50931	2/12/90	TOC	<1.00E+03
TOC (ug/g)	51032	3/08/90	TOC	1.10E+03
Total Carbon (ug/g)	50788	11/22/89	TC	1.53E+04
Total Carbon (ug/g)	50812	11/29/89	TC	1.58E+04
Total Carbon (ug/g)	50931	2/12/90	TC	1.31E+04
Total Carbon (ug/g)	51032	3/08/90	TC	1.59E+04
TOX (ug (Cl)/L)	50788	11/22/89	LTOX	1.00E+01
TOX (ug (Cl)/L)	50812	11/29/89	LTOX	<8.00E+00
TOX (ug (Cl)/L)	50931	2/12/90	LTOX	<8.00E+00
TOX (ug (Cl)/L)	51032	3/08/90	LTOX	<7.00E+00
Co-60 (pCi/L)	50788	11/22/89	GEA	<9.40E-02
Co-60 (pCi/L)	50812	11/29/89	GEA	<1.75E-01
Co-60 (pCi/L)	51032	3/08/90	GEA	5.86E-01
Pu-239/240 (pCi/L)	50788	11/22/89	AEA	3.19E-03
Pu-239/240 (pCi/L)	50812	11/29/89	AEA	<1.56E-03
Radium Total (pCi/L)	50788	11/22/89	Alpha-Ra	2.04E-01
Radium Total (pCi/L)	50812	11/29/89	Alpha-Ra	<8.61E-02
Radium Total (pCi/L)	51032	3/08/90	Alpha-Ra	<5.07E-02
Sr-90 (pCi/L)	50788	11/22/89	Beta	2.39E-01
Sr-90 (pCi/L)	50812	11/29/89	Beta	<1.29E-01
Sr-90 (pCi/L)	51032	3/08/90	Beta	1.78E-01
U-234 (pCi/L)	50788	11/22/89	AEA	2.43E-01
U-234 (pCi/L)	50812	11/29/89	AEA	2.81E-01
U-234 (pCi/L)	51032	3/08/90	AEA	2.28E-01
U-238 (pCi/L)	50788	11/22/89	AEA	1.77E-01
U-238 (pCi/L)	50812	11/29/89	AEA	2.02E-01
U-238 (pCi/L)	51032	3/08/90	AEA	1.98E-01

DATA FOR B Plant Chemical Sewage-Routine Operation

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50705E	10/19/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50752E	11/02/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50756E	11/03/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50984E	2/27/90	ICP	<5.00E+02
Barium	50705	10/19/89	ICP	2.90E+01
Barium	50752	11/02/89	ICP	3.00E+01
Barium	50756	11/03/89	ICP	3.10E+01
Barium	50984	2/27/90	ICP	2.70E+01
Barium (EP Toxic)	50705E	10/19/89	ICP	<1.00E+03
Barium (EP Toxic)	50752E	11/02/89	ICP	<1.00E+03
Barium (EP Toxic)	50756E	11/03/89	ICP	<1.00E+03
Barium (EP Toxic)	50984E	2/27/90	ICP	<1.00E+03
Boron	50705	10/19/89	ICP	<1.00E+01
Boron	50752	11/02/89	ICP	1.00E+01
Boron	50756	11/03/89	ICP	1.20E+01
Boron	50984	2/27/90	ICP	4.20E+01
Cadmium (EP Toxic)	50705E	10/19/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50752E	11/02/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50756E	11/03/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50984E	2/27/90	ICP	<1.00E+02
Calcium	50705	10/19/89	ICP	1.86E+04
Calcium	50752	11/02/89	ICP	1.89E+04
Calcium	50756	11/03/89	ICP	1.84E+04
Calcium	50984	2/27/90	ICP	1.79E+04
Chloride	50705	10/19/89	IC	1.90E+03
Chloride	50752	11/02/89	IC	1.50E+03
Chloride	50756	11/03/89	IC	1.50E+03
Chloride	50984	2/27/90	IC	1.10E+03
Chromium (EP Toxic)	50705E	10/19/89	ICP	<5.00E+02
Chromium (EP Toxic)	50752E	11/02/89	ICP	<5.00E+02
Chromium (EP Toxic)	50756E	11/03/89	ICP	<5.00E+02
Chromium (EP Toxic)	50984E	2/27/90	ICP	<5.00E+02
Copper	50705	10/19/89	ICP	1.30E+01
Copper	50752	11/02/89	ICP	2.10E+01
Copper	50756	11/03/89	ICP	3.60E+01
Copper	50984	2/27/90	ICP	1.50E+01
Fluoride	50705	10/19/89	IC	<5.00E+02
Fluoride	50705	10/19/89	ISE	1.40E+02
Fluoride	50752	11/02/89	IC	<5.00E+02
Fluoride	50752	11/02/89	ISE	1.43E+02
Fluoride	50756	11/03/89	IC	<5.00E+02
Fluoride	50756	11/03/89	ISE	1.36E+02
Fluoride	50984	2/27/90	IC	<5.00E+02
Fluoride	50984	2/27/90	ISE	1.37E+02
Iron	50705	10/19/89	ICP	4.60E+01
Iron	50752	11/02/89	ICP	<3.00E+01
Iron	50756	11/03/89	ICP	6.70E+01
Iron	50984	2/27/90	ICP	7.00E+01
Lead (EP Toxic)	50705E	10/19/89	ICP	<5.00E+02
Lead (EP Toxic)	50752E	11/02/89	ICP	<5.00E+02
Lead (EP Toxic)	50756E	11/03/89	ICP	<5.00E+02
Lead (EP Toxic)	50984E	2/27/90	ICP	<5.00E+02
Magnesium	50705	10/19/89	ICP	4.09E+03

DATA FOR B Plant Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	50752	11/02/89	ICP	4.32E+03
Magnesium	50756	11/03/89	ICP	4.23E+03
Magnesium	50984	2/27/90	ICP	3.95E+03
Manganese	50705	10/19/89	ICP	7.00E+00
Manganese	50752	11/02/89	ICP	<5.00E+00
Manganese	50756	11/03/89	ICP	6.00E+00
Manganese	50984	2/27/90	ICP	<5.00E+00
Mercury (EP Toxic)	50705E	10/19/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50752E	11/02/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50756E	11/03/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50984E	2/27/90	CVAA/M	<2.00E+01
Potassium	50705	10/19/89	ICP	6.88E+02
Potassium	50752	11/02/89	ICP	7.42E+02
Potassium	50756	11/03/89	ICP	8.49E+02
Potassium	50984	2/27/90	ICP	9.23E+02
Selenium (EP Toxic)	50705E	10/19/89	ICP	<5.00E+02
Selenium (EP Toxic)	50752E	11/02/89	ICP	<5.00E+02
Selenium (EP Toxic)	50756E	11/03/89	ICP	<5.00E+02
Selenium (EP Toxic)	50984E	2/27/90	ICP	<5.00E+02
Silicon	50705	10/19/89	ICP	2.20E+03
Silicon	50752	11/02/89	ICP	2.44E+03
Silicon	50756	11/03/89	ICP	2.41E+03
Silicon	50984	2/27/90	ICP	2.23E+03
Silver (EP Toxic)	50705E	10/19/89	ICP	<5.00E+02
Silver (EP Toxic)	50752E	11/02/89	ICP	<5.00E+02
Silver (EP Toxic)	50756E	11/03/89	ICP	<5.00E+02
Silver (EP Toxic)	50984E	2/27/90	ICP	<5.00E+02
Sodium	50705	10/19/89	ICP	2.19E+03
Sodium	50752	11/02/89	ICP	2.15E+03
Sodium	50756	11/03/89	ICP	2.27E+03
Sodium	50984	2/27/90	ICP	1.88E+03
Strontium	50705	10/19/89	ICP	9.70E+01
Strontium	50752	11/02/89	ICP	9.90E+01
Strontium	50756	11/03/89	ICP	1.02E+02
Strontium	50984	2/27/90	ICP	8.70E+01
Sulfate	50705	10/19/89	IC	1.22E+04
Sulfate	50752	11/02/89	IC	1.11E+04
Sulfate	50756	11/03/89	IC	1.08E+04
Sulfate	50984	2/27/90	IC	1.03E+04
Uranium	50705	10/19/89	GEA	5.36E-01
Uranium	50752	11/02/89	GEA	4.54E-01
Uranium	50756	11/03/89	GEA	4.23E-01
Zinc	50705	10/19/89	ICP	1.30E+01
Zinc	50752	11/02/89	ICP	1.00E+01
Zinc	50756	11/03/89	ICP	1.60E+01
Zinc	50984	2/27/90	ICP	1.20E+01
Acetone	50705	10/19/89	VOA	1.50E+01
Acetone	50705	10/19/89	ABN	<1.00E+01
Acetone	50705B	10/19/89	VOA	2.10E+01
Acetone	50705T	10/19/89	VOA	1.40E+01
Acetone	50752	11/02/89	VOA	<1.00E+01
Acetone	50752	11/02/89	ABN	<1.00E+01
Acetone	50752B	11/02/89	VOA	<1.00E+01

DATA FOR B Plant Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50752T	11/02/89	VOA	<1.00E+01
Acetone	50756	11/03/89	VOA	<1.00E+01
Acetone	50756	11/03/89	ABN	<1.00E+01
Acetone	50756B	11/03/89	VOA	<1.00E+01
Acetone	50756T	11/03/89	VOA	<1.00E+01
Acetone	50984	2/27/90	VOA	<1.00E+01
Acetone	50984	2/27/90	ABN	<1.00E+01
Acetone	50984B	2/27/90	VOA	<1.00E+01
Acetone	50984T	2/27/90	VOA	<1.00E+01
Ammonia	50705	10/19/89	ISE	7.10E+01
Ammonia	50752	11/02/89	ISE	<5.00E+01
Ammonia	50756	11/03/89	ISE	<5.00E+01
Ammonia	50984	2/27/90	ISE	<5.00E+01
Dichloromethane	50705	10/19/89	VOA	<5.00E+00
Dichloromethane	50705B	10/19/89	VOA	<3.00E+00
Dichloromethane	50705T	10/19/89	VOA	1.20E+01
Dichloromethane	50752	11/02/89	VOA	<5.00E+00
Dichloromethane	50752B	11/02/89	VOA	<5.00E+00
Dichloromethane	50752T	11/02/89	VOA	7.00E+00
Dichloromethane	50756	11/03/89	VOA	<5.00E+00
Dichloromethane	50756B	11/03/89	VOA	8.00E+00
Dichloromethane	50756T	11/03/89	VOA	8.00E+00
Dichloromethane	50984	2/27/90	VOA	<5.00E+00
Dichloromethane	50984B	2/27/90	VOA	<5.00E+00
Dichloromethane	50984T	2/27/90	VOA	<5.00E+00
Tetrahydrofuran	50705	10/19/89	VOA	<1.00E+01
Tetrahydrofuran	50705B	10/19/89	VOA	1.70E+01
Tetrahydrofuran	50705T	10/19/89	VOA	<6.00E+00
Tetrahydrofuran	50752	11/02/89	VOA	<1.00E+01
Tetrahydrofuran	50752B	11/02/89	VOA	1.40E+01
Tetrahydrofuran	50752T	11/02/89	VOA	<1.00E+01
Tetrahydrofuran	50756	11/03/89	VOA	<1.00E+01
Tetrahydrofuran	50756B	11/03/89	VOA	1.20E+01
Tetrahydrofuran	50756T	11/03/89	VOA	1.20E+01
Tetrahydrofuran	50984	2/27/90	VOA	<1.00E+01
Tetrahydrofuran	50984B	2/27/90	VOA	<6.00E+00
Tetrahydrofuran	50984T	2/27/90	VOA	<6.00E+00
Trichloromethane	50705	10/19/89	VOA	<3.00E+00
Trichloromethane	50705B	10/19/89	VOA	<5.00E+00
Trichloromethane	50705T	10/19/89	VOA	<5.00E+00
Trichloromethane	50752	11/02/89	VOA	<5.00E+00
Trichloromethane	50752B	11/02/89	VOA	<5.00E+00
Trichloromethane	50752T	11/02/89	VOA	<3.00E+00
Trichloromethane	50756	11/03/89	VOA	<3.00E+00
Trichloromethane	50756B	11/03/89	VOA	<3.00E+00
Trichloromethane	50756T	11/03/89	VOA	<3.00E+00
Trichloromethane	50984	2/27/90	VOA	<5.00E+00
Trichloromethane	50984B	2/27/90	VOA	1.20E+01
Trichloromethane	50984T	2/27/90	VOA	8.00E+00
Unknown amide	50756	11/03/89	ABN	2.30E+01
Alkalinity (Method B)	50705	10/19/89	TITRA	5.40E+04
Alkalinity (Method B)	50752	11/02/89	TITRA	5.70E+04
Alkalinity (Method B)	50756	11/03/89	TITRA	5.60E+04

DATA FOR B Plant Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Alkalinity (Method B)	50984	2/27/90	TITRA	5.70E+04
Alpha Activity (pCi/L)	50705	10/19/89	Alpha	<2.68E-01
Alpha Activity (pCi/L)	50752	11/02/89	Alpha	<5.75E-01
Alpha Activity (pCi/L)	50756	11/03/89	Alpha	8.22E-01
Beta Activity (pCi/L)	50705	10/19/89	Beta	2.97E+00
Beta Activity (pCi/L)	50752	11/02/89	Beta	<1.48E+00
Beta Activity (pCi/L)	50756	11/03/89	Beta	<2.09E+00
Conductivity (uS)	50705	10/19/89	COND-Fld	1.75E+02
Conductivity (uS)	50752	11/02/89	COND-Fld	1.33E+02
Conductivity (uS)	50756	11/03/89	COND-Fld	1.53E+02
Conductivity (uS)	50984	2/27/90	COND-Fld	1.22E+02
Ignitability (degrees F)	50705E	10/19/89	IGNIT	2.08E+02
Ignitability (degrees F)	50752E	11/02/89	IGNIT	2.12E+02
Ignitability (degrees F)	50756E	11/03/89	IGNIT	2.10E+02
Ignitability (degrees F)	50984E	2/27/90	IGNIT	2.06E+02
pH (dimensionless)	50705	10/19/89	PH-Fld	7.60E+00
pH (dimensionless)	50752	11/02/89	PH-Fld	7.41E+00
pH (dimensionless)	50756	11/03/89	PH-Fld	7.70E+00
pH (dimensionless)	50984	2/27/90	PH-Fld	7.10E+00
Reactivity Cyanide (mg/kg)	50705E	10/19/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50752E	11/02/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50756E	11/03/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50984E	2/27/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50705E	10/19/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50752E	11/02/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50756E	11/03/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50984E	2/27/90	DTITRA	<1.00E+02
TDS (mg/L)	50705	10/19/89	TDS	5.00E+04
TDS (mg/L)	50752	11/02/89	TDS	4.70E+04
TDS (mg/L)	50756	11/03/89	TDS	5.20E+04
TDS (mg/L)	50984	2/27/90	TDS	5.40E+04
Temperature (degrees C)	50705	10/19/89	TEMP-Fld	2.74E+01
Temperature (degrees C)	50752	11/02/89	TEMP-Fld	1.86E+01
Temperature (degrees C)	50756	11/03/89	TEMP-Fld	2.03E+01
Temperature (degrees C)	50984	2/27/90	TEMP-Fld	1.71E+01
TOC (ug/g)	50705	10/19/89	TOC	<1.60E+03
TOC (ug/g)	50752	11/02/89	TOC	<1.20E+03
TOC (ug/g)	50756	11/03/89	TOC	<1.20E+03
TOC (ug/g)	50984	2/27/90	TOC	1.10E+03
Total Carbon (ug/g)	50705	10/19/89	TC	1.60E+04
Total Carbon (ug/g)	50752	11/02/89	TC	1.42E+04
Total Carbon (ug/g)	50756	11/03/89	TC	1.32E+04
Total Carbon (ug/g)	50984	2/27/90	TC	1.39E+04
TOX (ug (Cl)/L)	50705	10/19/89	LTOX	4.30E+01
TOX (ug (Cl)/L)	50752	11/02/89	LTOX	4.50E+01
TOX (ug (Cl)/L)	50756	11/03/89	LTOX	5.90E+01
TOX (ug (Cl)/L)	50984	2/27/90	LTOX	2.60E+01
Cm-242 (pCi/L)	50705	10/19/89	AEA	<3.81E-03
Cm-242 (pCi/L)	50756	11/03/89	AEA	5.31E-03
Cs-137 (pCi/L)	50705	10/19/89	GEA	1.73E+00
Cs-137 (pCi/L)	50752	11/02/89	GEA	4.95E-01
C-14 (pCi/L)	50752	11/02/89	LSC	4.98E+00
C-14 (pCi/L)	50756	11/03/89	LSC	<3.51E+00

DATA FOR B Plant Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
H-3 (pCi/L)	50705	10/19/89	LSC	<1.99E+02
H-3 (pCi/L)	50752	11/02/89	LSC	<2.90E+01
H-3 (pCi/L)	50756	11/03/89	LSC	2.50E+02
Sr-90 (pCi/L)	50705	10/19/89	Beta	1.24E-01
Sr-90 (pCi/L)	50752	11/02/89	Beta	<9.89E-02
Sr-90 (pCi/L)	50756	11/03/89	Beta	2.09E-01
U-234 (pCi/L)	50705	10/19/89	AEA	1.89E-01
U-234 (pCi/L)	50752	11/02/89	AEA	1.78E-01
U-234 (pCi/L)	50756	11/03/89	AEA	1.14E-01
U-238 (pCi/L)	50705	10/19/89	AEA	1.43E-01
U-238 (pCi/L)	50752	11/02/89	AEA	1.36E-01
U-238 (pCi/L)	50756	11/03/89	AEA	1.33E-01

DATA FOR 183-D Filter Backflush Wastewater

Constituent	Sample #	Date	Method	Result
Aluminum	50861	12/27/89	ICP	2.38E+04
Aluminum	50976	2/26/90	ICP	2.85E+04
Aluminum	51044	3/12/90	ICP	3.64E+04
Aluminum	51099	3/28/90	ICP	1.27E+03
Arsenic	50861	12/27/89	GFAA	7.00E+00
Arsenic	50976	2/26/90	GFAA	1.00E+01
Arsenic	51044	3/12/90	GFAA	1.30E+01
Arsenic	51099	3/28/90	GFAA	<5.00E+00
Arsenic (EP Toxic)	50861E	12/27/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50976E	2/26/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51044E	3/12/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51099E	3/28/90	ICP	<5.00E+02
Barium	50861	12/27/89	ICP	4.20E+01
Barium	50976	2/26/90	ICP	4.70E+01
Barium	51044	3/12/90	ICP	5.70E+01
Barium	51099	3/28/90	ICP	3.20E+01
Barium (EP Toxic)	50861E	12/27/89	ICP	<1.00E+03
Barium (EP Toxic)	50976E	2/26/90	ICP	<1.00E+03
Barium (EP Toxic)	51044E	3/12/90	ICP	<1.00E+03
Barium (EP Toxic)	51099E	3/28/90	ICP	<1.00E+03
Boron	50861	12/27/89	ICP	<1.00E+01
Boron	50976	2/26/90	ICP	4.00E+01
Boron	51044	3/12/90	ICP	3.40E+01
Boron	51099	3/28/90	ICP	1.60E+01
Cadmium (EP Toxic)	50861E	12/27/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50976E	2/26/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51044E	3/12/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51099E	3/28/90	ICP	<1.00E+02
Calcium	50861	12/27/89	ICP	1.98E+04
Calcium	50976	2/26/90	ICP	2.14E+04
Calcium	51044	3/12/90	ICP	2.17E+04
Calcium	51099	3/28/90	ICP	1.92E+04
Chloride	50861	12/27/89	IC	3.60E+03
Chloride	50976	2/26/90	IC	2.20E+03
Chloride	51044	3/12/90	IC	2.90E+03
Chloride	51099	3/28/90	IC	2.70E+03
Chromium	50861	12/27/89	ICP	1.30E+01
Chromium	50976	2/26/90	ICP	1.20E+01
Chromium	51044	3/12/90	ICP	2.00E+01
Chromium	51099	3/28/90	ICP	<1.00E+01
Chromium (EP Toxic)	50861E	12/27/89	ICP	<5.00E+02
Chromium (EP Toxic)	50976E	2/26/90	ICP	<5.00E+02
Chromium (EP Toxic)	51044E	3/12/90	ICP	<5.00E+02
Chromium (EP Toxic)	51099E	3/28/90	ICP	<5.00E+02
Copper	50861	12/27/89	ICP	4.00E+01
Copper	50976	2/26/90	ICP	4.70E+01
Copper	51044	3/12/90	ICP	7.30E+01
Copper	51099	3/28/90	ICP	<1.00E+01
Fluoride	50861	12/27/89	IC	<5.00E+02
Fluoride	50861	12/27/89	ISE	1.35E+02
Fluoride	50976	2/26/90	IC	<5.00E+02
Fluoride	50976	2/26/90	ISE	<5.00E+01
Fluoride	51044	3/12/90	IC	<5.00E+02

DATA FOR 183-D Filter Backflush Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Fluoride	51044	3/12/90	ISE	3.03E+02
Fluoride	51099	3/28/90	IC	<5.00E+02
Fluoride	51099	3/28/90	ISE	1.47E+02
Iron	50861	12/27/89	ICP	3.39E+03
Iron	50976	2/26/90	ICP	3.09E+03
Iron	51044	3/12/90	ICP	3.74E+03
Iron	51099	3/28/90	ICP	2.18E+02
Lead	50861	12/27/89	GFAA	1.30E+01
Lead	50976	2/26/90	GFAA	9.00E+00
Lead	51044	3/12/90	GFAA	1.30E+01
Lead	51099	3/28/90	GFAA	<5.00E+00
Lead (EP Toxic)	50861E	12/27/89	ICP	<5.00E+02
Lead (EP Toxic)	50976E	2/26/90	ICP	<5.00E+02
Lead (EP Toxic)	51044E	3/12/90	ICP	<5.00E+02
Lead (EP Toxic)	51099E	3/28/90	ICP	<5.00E+02
Magnesium	50861	12/27/89	ICP	4.39E+03
Magnesium	50976	2/26/90	ICP	4.53E+03
Magnesium	51044	3/12/90	ICP	4.71E+03
Magnesium	51099	3/28/90	ICP	4.66E+03
Manganese	50861	12/27/89	ICP	9.40E+01
Manganese	50976	2/26/90	ICP	1.03E+02
Manganese	51044	3/12/90	ICP	1.23E+02
Manganese	51099	3/28/90	ICP	6.00E+00
Mercury	50861	12/27/89	CVAA	7.50E-01
Mercury	50976	2/26/90	CVAA	1.60E+00
Mercury	51044	3/12/90	CVAA	2.80E-01
Mercury	51099	3/28/90	CVAA	3.20E-01
Mercury (EP Toxic)	50861E	12/27/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50976E	2/26/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51044E	3/12/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51099E	3/28/90	CVAA/M	<2.00E+01
Potassium	50861	12/27/89	ICP	8.44E+02
Potassium	50976	2/26/90	ICP	8.28E+02
Potassium	51044	3/12/90	ICP	8.87E+02
Potassium	51099	3/28/90	ICP	8.93E+02
Selenium (EP Toxic)	50861E	12/27/89	ICP	<5.00E+02
Selenium (EP Toxic)	50976E	2/26/90	ICP	<5.00E+02
Selenium (EP Toxic)	51044E	3/12/90	ICP	<5.00E+02
Selenium (EP Toxic)	51099E	3/28/90	ICP	<5.00E+02
Silicon	50861	12/27/89	ICP	4.89E+03
Silicon	50976	2/26/90	ICP	6.08E+03
Silicon	51044	3/12/90	ICP	7.95E+03
Silicon	51099	3/28/90	ICP	1.78E+03
Silver (EP Toxic)	50861E	12/27/89	ICP	<5.00E+02
Silver (EP Toxic)	50976E	2/26/90	ICP	<5.00E+02
Silver (EP Toxic)	51044E	3/12/90	ICP	<5.00E+02
Silver (EP Toxic)	51099E	3/28/90	ICP	<5.00E+02
Sodium	50861	12/27/89	ICP	2.26E+03
Sodium	50976	2/26/90	ICP	2.37E+03
Sodium	51044	3/12/90	ICP	2.33E+03
Sodium	51099	3/28/90	ICP	2.42E+03
Strontium	50861	12/27/89	ICP	1.09E+02
Strontium	50976	2/26/90	ICP	1.14E+02

DATA FOR 183-D Filter Backflush Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Strontium	51044	3/12/90	ICP	1.29E+02
Strontium	51099	3/28/90	ICP	1.01E+02
Sulfate	50861	12/27/89	IC	1.83E+04
Sulfate	50976	2/26/90	IC	1.40E+04
Sulfate	51044	3/12/90	IC	1.89E+04
Sulfate	51099	3/28/90	IC	1.76E+04
Uranium	50861	12/27/89	GEA	3.94E+00
Uranium	51044	3/12/90	GEA	3.68E+00
Uranium	51099	3/28/90	GEA	2.98E+00
Vanadium	50861	12/27/89	ICP	7.00E+00
Vanadium	50976	2/26/90	ICP	7.00E+00
Vanadium	51044	3/12/90	ICP	1.00E+01
Vanadium	51099	3/28/90	ICP	<5.00E+00
Zinc	50861	12/27/89	ICP	6.10E+01
Zinc	50976	2/26/90	ICP	7.00E+01
Zinc	51044	3/12/90	ICP	1.02E+02
Zinc	51099	3/28/90	ICP	8.00E+00
Ammonia	50861	12/27/89	ISE	9.20E+01
Ammonia	50976	2/26/90	ISE	6.60E+01
Ammonia	51044	3/12/90	ISE	<5.00E+01
Ammonia	51099	3/28/90	ISE	<5.00E+01
2-Butanone	50861	12/27/89	VOA	<1.00E+01
2-Butanone	50861B	12/27/89	VOA	<1.00E+01
2-Butanone	50861T	12/27/89	VOA	<1.00E+01
2-Butanone	50976	2/26/90	VOA	<1.00E+01
2-Butanone	50976B	2/26/90	VOA	<8.00E+00
2-Butanone	50976T	2/26/90	VOA	<8.00E+00
2-Butanone	51044	3/12/90	VOA	<1.00E+01
2-Butanone	51044B	3/12/90	VOA	<1.00E+01
2-Butanone	51044T	3/12/90	VOA	<1.00E+01
2-Butanone	51099	3/28/90	VOA	1.30E+01
2-Butanone	51099B	3/28/90	VOA	<1.00E+01
2-Butanone	51099T	3/28/90	VOA	<1.00E+01
Dichloromethane	50861	12/27/89	VOA	<5.00E+00
Dichloromethane	50861B	12/27/89	VOA	2.00E+03
Dichloromethane	50861T	12/27/89	VOA	2.00E+03
Dichloromethane	50976	2/26/90	VOA	<5.00E+00
Dichloromethane	50976B	2/26/90	VOA	<5.00E+00
Dichloromethane	50976T	2/26/90	VOA	<5.00E+00
Dichloromethane	51044	3/12/90	VOA	<5.00E+00
Dichloromethane	51044B	3/12/90	VOA	<3.00E+00
Dichloromethane	51044T	3/12/90	VOA	<5.00E+00
Dichloromethane	51099	3/28/90	VOA	<5.00E+00
Dichloromethane	51099B	3/28/90	VOA	<3.00E+00
Dichloromethane	51099T	3/28/90	VOA	<5.00E+00
Trichloromethane	50861	12/27/89	VOA	1.90E+01
Trichloromethane	50861B	12/27/89	VOA	<5.00E+00
Trichloromethane	50861T	12/27/89	VOA	<5.00E+00
Trichloromethane	50976	2/26/90	VOA	1.90E+01
Trichloromethane	50976B	2/26/90	VOA	<3.00E+00
Trichloromethane	50976T	2/26/90	VOA	8.00E+00
Trichloromethane	51044	3/12/90	VOA	2.70E+01
Trichloromethane	51044B	3/12/90	VOA	<3.00E+00

DATA FOR 183-D Filter Backflush Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	51044T	3/12/90	VOA	<5.00E+00
Trichloromethane	51099	3/28/90	VOA	1.70E+01
Trichloromethane	51099B	3/28/90	VOA	5.00E+00
Trichloromethane	51099T	3/28/90	VOA	<4.00E+00
Unknown aliphatic HC	50976	2/26/90	ABN	4.00E+02
Unknown compound	50976	2/26/90	ABN	1.60E+03
Unknown fatty acid	50976	2/26/90	ABN	1.40E+01
Unknown fatty acid	51044	3/12/90	ABN	1.50E+01
Alkalinity (Method B)	50861	12/27/89	TITRA	4.90E+04
Alkalinity (Method B)	50976	2/26/90	TITRA	6.20E+04
Alkalinity (Method B)	51044	3/12/90	TITRA	5.40E+04
Alkalinity (Method B)	51099	3/28/90	TITRA	5.30E+04
Alpha Activity (pCi/L)	50861	12/27/89	Alpha	4.91E+00
Alpha Activity (pCi/L)	51044	3/12/90	Alpha	2.88E+00
Alpha Activity (pCi/L)	51099	3/28/90	Alpha	3.91E+00
Beta Activity (pCi/L)	50861	12/27/89	Beta	5.39E+00
Beta Activity (pCi/L)	51044	3/12/90	Beta	3.38E+00
Beta Activity (pCi/L)	51099	3/28/90	Beta	<1.81E+00
Conductivity (uS)	50861	12/27/89	COND-Fld	1.36E+02
Conductivity (uS)	50976	2/26/90	COND-Fld	1.59E+02
Conductivity (uS)	51044	3/12/90	COND-Fld	1.45E+02
Ingitability (degrees F)	50861E	12/27/89	IGNIT	2.12E+02
Ingitability (degrees F)	50976E	2/26/90	IGNIT	2.10E+02
Ingitability (degrees F)	51044E	3/12/90	IGNIT	2.12E+02
Ingitability (degrees F)	51099E	3/28/90	IGNIT	2.10E+02
pH (dimensionless)	50861	12/27/89	PH-Fld	6.30E+00
pH (dimensionless)	50976	2/26/90	PH-Fld	7.20E+00
pH (dimensionless)	51044	3/12/90	PH-Fld	7.40E+00
Reactivity Cyanide (mg/kg)	50861E	12/27/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50976E	2/26/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51044E	3/12/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51099E	3/28/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50861E	12/27/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50976E	2/26/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51044E	3/12/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51099E	3/28/90	DTITRA	<1.00E+02
Suspended Solids (mg/L)	50861	12/27/89	SSOLID	1.08E+05
Suspended Solids (mg/L)	50976	2/26/90	SSOLID	1.16E+05
Suspended Solids (mg/L)	51044	3/12/90	SSOLID	2.30E+04
Suspended Solids (mg/L)	51099	3/28/90	SSOLID	<8.00E+03
TDS (mg/L)	50861	12/27/89	TDS	7.50E+04
TDS (mg/L)	50976	2/26/90	TDS	8.00E+04
TDS (mg/L)	51044	3/12/90	TDS	7.10E+04
TDS (mg/L)	51099	3/28/90	TDS	8.00E+04
Temperature (degrees C)	50861	12/27/89	TEMP-Fld	6.30E+00
Temperature (degrees C)	50976	2/26/90	TEMP-Fld	1.11E+01
Temperature (degrees C)	51044	3/12/90	TEMP-Fld	1.02E+01
TOC (ug/g)	50861	12/27/89	TOC	1.76E+04
TOC (ug/g)	50976	2/26/90	TOC	4.10E+03
TOC (ug/g)	51044	3/12/90	TOC	4.50E+03
TOC (ug/g)	51099	3/28/90	TOC	2.00E+03
Total Carbon (ug/g)	50861	12/27/89	TC	1.37E+04
Total Carbon (ug/g)	50976	2/26/90	TC	1.56E+04

DATA FOR 183-D Filter Backflush Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Total Carbon (ug/g)	51044	3/12/90	TC	1.53E+04
Total Carbon (ug/g)	51099	3/28/90	TC	1.49E+04
TOX (ug (Cl)/L)	50861	12/27/89	LTOX	2.51E+02
TOX (ug (Cl)/L)	50976	2/26/90	LTOX	2.02E+02
TOX (ug (Cl)/L)	51044	3/12/90	LTOX	2.27E+02
TOX (ug (Cl)/L)	51099	3/28/90	LTOX	1.19E+02
Ru-106 (pCi/L)	51044	3/12/90	GEA	1.29E+01

DATA FOR 284-E Powerhouse Wastewater-Routine Operation

Constituent	Sample #	Date	Method	Result
Aluminum	50721	10/24/89	ICP	<1.50E+02
Aluminum	50736	10/27/89	ICP	8.74E+02
Aluminum	50842	12/14/89	ICP	2.81E+02
Aluminum	51024	3/07/90	ICP	<1.50E+02
Arsenic (EP Toxic)	50721E	10/24/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50736E	10/27/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50842E	12/14/89	ICP	<5.00E+02
Arsenic (EP Toxic)	51024E	3/07/90	ICP	<5.00E+02
Barium	50721	10/24/89	ICP	4.30E+01
Barium	50736	10/27/89	ICP	9.60E+01
Barium	50842	12/14/89	ICP	6.00E+01
Barium	51024	3/07/90	ICP	4.20E+01
Barium (EP Toxic)	50721E	10/24/89	ICP	<1.00E+03
Barium (EP Toxic)	50736E	10/27/89	ICP	<1.00E+03
Barium (EP Toxic)	50842E	12/14/89	ICP	<1.00E+03
Barium (EP Toxic)	51024E	3/07/90	ICP	<1.00E+03
Boron	50721	10/24/89	ICP	4.40E+01
Boron	50736	10/27/89	ICP	6.20E+01
Boron	50842	12/14/89	ICP	5.50E+01
Boron	51024	3/07/90	ICP	4.90E+01
Cadmium (EP Toxic)	50721E	10/24/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50736E	10/27/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50842E	12/14/89	ICP	<1.00E+02
Cadmium (EP Toxic)	51024E	3/07/90	ICP	<1.00E+02
Calcium	50721	10/24/89	ICP	2.09E+04
Calcium	50736	10/27/89	ICP	1.88E+04
Calcium	50842	12/14/89	ICP	2.00E+04
Calcium	51024	3/07/90	ICP	1.87E+04
Chloride	50721	10/24/89	IC	3.30E+03
Chloride	50736	10/27/89	IC	3.50E+03
Chloride	50842	12/14/89	IC	6.00E+03
Chloride	51024	3/07/90	IC	2.00E+03
Chromium (EP Toxic)	50721E	10/24/89	ICP	<5.00E+02
Chromium (EP Toxic)	50736E	10/27/89	ICP	<5.00E+02
Chromium (EP Toxic)	50842E	12/14/89	ICP	<5.00E+02
Chromium (EP Toxic)	51024E	3/07/90	ICP	<5.00E+02
Fluoride	50721	10/24/89	IC	<5.00E+02
Fluoride	50721	10/24/89	ISE	1.56E+02
Fluoride	50736	10/27/89	IC	<5.00E+02
Fluoride	50736	10/27/89	ISE	1.86E+02
Fluoride	50842	12/14/89	IC	<5.00E+02
Fluoride	50842	12/14/89	ISE	1.49E+02
Fluoride	51024	3/07/90	IC	<5.00E+02
Fluoride	51024	3/07/90	ISE	1.36E+02
Iron	50721	10/24/89	ICP	5.20E+01
Iron	50736	10/27/89	ICP	3.30E+02
Iron	50842	12/14/89	ICP	1.82E+02
Iron	51024	3/07/90	ICP	5.10E+01
Lead (EP Toxic)	50721E	10/24/89	ICP	<5.00E+02
Lead (EP Toxic)	50736E	10/27/89	ICP	<5.00E+02
Lead (EP Toxic)	50842E	12/14/89	ICP	<5.00E+02
Lead (EP Toxic)	51024E	3/07/90	ICP	<5.00E+02
Magnesium	50721	10/24/89	ICP	4.39E+03

DATA FOR 284-E Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	50736	10/27/89	ICP	4.44E+03
Magnesium	50842	12/14/89	ICP	4.11E+03
Magnesium	51024	3/07/90	ICP	4.43E+03
Manganese	50721	10/24/89	ICP	<5.00E+00
Manganese	50736	10/27/89	ICP	7.00E+00
Manganese	50842	12/14/89	ICP	<5.00E+00
Manganese	51024	3/07/90	ICP	<5.00E+00
Mercury (EP Toxic)	50721E	10/24/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50736E	10/27/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50842E	12/14/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51024E	3/07/90	CVAA/M	<2.00E+01
Nitrate	50721	10/24/89	IC	5.00E+02
Nitrate	50736	10/27/89	IC	5.00E+02
Nitrate	50842	12/14/89	IC	6.00E+02
Nitrate	51024	3/07/90	IC	5.00E+02
Potassium	50721	10/24/89	ICP	7.96E+02
Potassium	50736	10/27/89	ICP	8.66E+02
Potassium	50842	12/14/89	ICP	1.04E+03
Potassium	51024	3/07/90	ICP	7.22E+02
Selenium (EP Toxic)	50721E	10/24/89	ICP	<5.00E+02
Selenium (EP Toxic)	50736E	10/27/89	ICP	<5.00E+02
Selenium (EP Toxic)	50842E	12/14/89	ICP	<5.00E+02
Selenium (EP Toxic)	51024E	3/07/90	ICP	<5.00E+02
Silicon	50721	10/24/89	ICP	2.60E+03
Silicon	50736	10/27/89	ICP	4.06E+03
Silicon	50842	12/14/89	ICP	3.22E+03
Silicon	51024	3/07/90	ICP	2.53E+03
Silver (EP Toxic)	50721E	10/24/89	ICP	<5.00E+02
Silver (EP Toxic)	50736E	10/27/89	ICP	<5.00E+02
Silver (EP Toxic)	50842E	12/14/89	ICP	<5.00E+02
Silver (EP Toxic)	51024E	3/07/90	ICP	<5.00E+02
Sodium	50721	10/24/89	ICP	4.18E+03
Sodium	50736	10/27/89	ICP	1.30E+04
Sodium	50842	12/14/89	ICP	1.38E+04
Sodium	51024	3/07/90	ICP	5.17E+03
Strontium	50721	10/24/89	ICP	2.58E+02
Strontium	50736	10/27/89	ICP	2.00E+02
Strontium	50842	12/14/89	ICP	2.39E+02
Strontium	51024	3/07/90	ICP	2.65E+02
Sulfate	50721	10/24/89	IC	1.43E+04
Sulfate	50736	10/27/89	IC	1.96E+04
Sulfate	50842	12/14/89	IC	1.99E+04
Sulfate	51024	3/07/90	IC	1.48E+04
Uranium	50721	10/24/89	GEA	3.53E-01
Uranium	50736	10/27/89	GEA	4.65E-01
Uranium	50842	12/14/89	GEA	6.18E-01
Uranium	51024	3/07/90	GEA	4.53E-01
Zinc	50721	10/24/89	ICP	<5.00E+00
Zinc	50736	10/27/89	ICP	1.30E+01
Zinc	50842	12/14/89	ICP	6.00E+00
Zinc	51024	3/07/90	ICP	<5.00E+00
Acetone	50721	10/24/89	VOA	<9.00E+00
Acetone	50721	10/24/89	ABN	<1.00E+01

DATA FOR 284-E Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50721B	10/24/89	VOA	1.10E+01
Acetone	50721T	10/24/89	VOA	<1.00E+01
Acetone	50736	10/27/89	VOA	<8.00E+00
Acetone	50736	10/27/89	ABN	<1.00E+01
Acetone	50736B	10/27/89	VOA	1.30E+01
Acetone	50736T	10/27/89	VOA	<1.00E+01
Acetone	50842	12/14/89	VOA	<1.00E+01
Acetone	50842	12/14/89	ABN	<1.00E+01
Acetone	50842B	12/14/89	VOA	<1.00E+01
Acetone	51024	3/07/90	VOA	<1.00E+01
Acetone	51024	3/07/90	ABN	<1.00E+01
Acetone	51024B	3/07/90	VOA	<1.00E+01
Acetone	51024T	3/07/90	VOA	<1.00E+01
Ammonia	50721	10/24/89	ISE	5.60E+01
Ammonia	50736	10/27/89	ISE	5.80E+01
Ammonia	50842	12/14/89	ISE	<5.00E+01
Ammonia	51024	3/07/90	ISE	<5.00E+01
1-Butanol	50721	10/24/89	DIGC	<1.00E+04
1-Butanol	50736	10/27/89	DIGC	<1.00E+04
1-Butanol	50842	12/14/89	DIGC	<1.00E+04
1-Butanol	51024	3/07/90	VOA	1.80E+01
1-Butanol	51024	3/07/90	DIGC	<1.00E+04
1-Butanol	51024B	3/07/90	VOA	1.80E+01
1-Butanol	51024T	3/07/90	VOA	1.70E+01
2-Butanone	50721	10/24/89	VOA	<1.00E+01
2-Butanone	50721B	10/24/89	VOA	1.30E+01
2-Butanone	50721T	10/24/89	VOA	<1.00E+01
2-Butanone	50736	10/27/89	VOA	<1.00E+01
2-Butanone	50736B	10/27/89	VOA	<1.00E+01
2-Butanone	50736T	10/27/89	VOA	<1.00E+01
2-Butanone	50842	12/14/89	VOA	<1.00E+01
2-Butanone	50842B	12/14/89	VOA	<1.00E+01
2-Butanone	51024	3/07/90	VOA	<1.00E+01
2-Butanone	51024B	3/07/90	VOA	<1.00E+01
2-Butanone	51024T	3/07/90	VOA	<1.00E+01
Dichloromethane	50721	10/24/89	VOA	<5.00E+00
Dichloromethane	50721B	10/24/89	VOA	5.00E+00
Dichloromethane	50721T	10/24/89	VOA	5.90E+01
Dichloromethane	50736	10/27/89	VOA	<5.00E+00
Dichloromethane	50736B	10/27/89	VOA	<4.00E+00
Dichloromethane	50736T	10/27/89	VOA	2.40E+01
Dichloromethane	50842	12/14/89	VOA	<5.00E+00
Dichloromethane	50842B	12/14/89	VOA	5.00E+00
Dichloromethane	51024	3/07/90	VOA	<5.00E+00
Dichloromethane	51024B	3/07/90	VOA	<5.00E+00
Dichloromethane	51024T	3/07/90	VOA	<5.00E+00
Tetrahydrofuran	50721	10/24/89	VOA	<1.00E+01
Tetrahydrofuran	50721B	10/24/89	VOA	2.30E+01
Tetrahydrofuran	50721T	10/24/89	VOA	<1.00E+01
Tetrahydrofuran	50736	10/27/89	VOA	<1.00E+01
Tetrahydrofuran	50736B	10/27/89	VOA	1.30E+01
Tetrahydrofuran	50736T	10/27/89	VOA	<1.00E+01
Tetrahydrofuran	50842	12/14/89	VOA	<1.00E+01

DATA FOR 284-E Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Tetrahydrofuran	50842B	12/14/89	VOA	<1.00E+01
Tetrahydrofuran	51024	3/07/90	VOA	<1.00E+01
Tetrahydrofuran	51024B	3/07/90	VOA	<1.00E+01
Tetrahydrofuran	51024T	3/07/90	VOA	<1.00E+01
Trichloromethane	50721	10/24/89	VOA	2.10E+01
Trichloromethane	50721B	10/24/89	VOA	<5.00E+00
Trichloromethane	50721T	10/24/89	VOA	<5.00E+00
Trichloromethane	50736	10/27/89	VOA	9.00E+00
Trichloromethane	50736B	10/27/89	VOA	<5.00E+00
Trichloromethane	50736T	10/27/89	VOA	<5.00E+00
Trichloromethane	50842	12/14/89	VOA	6.00E+00
Trichloromethane	50842B	12/14/89	VOA	<5.00E+00
Trichloromethane	51024	3/07/90	VOA	2.60E+01
Trichloromethane	51024B	3/07/90	VOA	<5.00E+00
Trichloromethane	51024T	3/07/90	VOA	<5.00E+00
Alkalinity (Method B)	50721	10/24/89	TITRA	5.80E+04
Alkalinity (Method B)	50736	10/27/89	TITRA	6.60E+04
Alkalinity (Method B)	50842	12/14/89	TITRA	7.80E+04
Alkalinity (Method B)	51024	3/07/90	TITRA	6.00E+04
Alpha Activity (pCi/L)	50721	10/24/89	Alpha	1.18E+00
Alpha Activity (pCi/L)	50736	10/27/89	Alpha	1.05E+00
Alpha Activity (pCi/L)	50842	12/14/89	Alpha	1.22E+00
Alpha Activity (pCi/L)	51024	3/07/90	Alpha	<1.43E-01
Beta Activity (pCi/L)	50721	10/24/89	Beta	<1.61E+00
Beta Activity (pCi/L)	50736	10/27/89	Beta	<8.76E-01
Beta Activity (pCi/L)	50842	12/14/89	Beta	2.75E+00
Beta Activity (pCi/L)	51024	3/07/90	Beta	<1.96E+00
Conductivity (uS)	50721	10/24/89	COND-Fld	1.32E+02
Conductivity (uS)	50736	10/27/89	COND-Fld	1.91E+02
Conductivity (uS)	50842	12/14/89	COND-Fld	2.01E+02
Conductivity (uS)	51024	3/07/90	COND-Fld	1.48E+02
Ignitability (degrees F)	50721E	10/24/89	IGNIT	2.08E+02
Ignitability (degrees F)	50736E	10/27/89	IGNIT	2.08E+02
Ignitability (degrees F)	50842E	12/14/89	IGNIT	2.14E+02
Ignitability (degrees F)	51024E	3/07/90	IGNIT	2.02E+02
pH (dimensionless)	50721	10/24/89	PH-Fld	8.61E+00
pH (dimensionless)	50736	10/27/89	PH-Fld	9.40E+00
pH (dimensionless)	50842	12/14/89	PH-Fld	9.50E+00
pH (dimensionless)	51024	3/07/90	PH-Fld	8.80E+00
Reactivity Cyanide (mg/kg)	50721E	10/24/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50736E	10/27/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50842E	12/14/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51024E	3/07/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50721E	10/24/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50736E	10/27/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50842E	12/14/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51024E	3/07/90	DTITRA	<1.00E+02
Suspended Solids (mg/L)	50721	10/24/89	SSOLID	<5.00E+03
Suspended Solids (mg/L)	50736	10/27/89	SSOLID	3.90E+04
Suspended Solids (mg/L)	50842	12/14/89	SSOLID	1.10E+04
Suspended Solids (mg/L)	51024	3/07/90	SSOLID	<5.00E+03
TDS (mg/L)	50721	10/24/89	TDS	7.60E+04
TDS (mg/L)	50736	10/27/89	TDS	8.90E+04

DATA FOR 284-E Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
TDS (mg/L)	50842	12/14/89	TDS	1.03E+05
TDS (mg/L)	51024	3/07/90	TDS	8.00E+04
Temperature (degrees C)	50721	10/24/89	TEMP-Fld	1.62E+01
Temperature (degrees C)	50736	10/27/89	TEMP-Fld	1.75E+01
Temperature (degrees C)	50842	12/14/89	TEMP-Fld	1.11E+01
Temperature (degrees C)	51024	3/07/90	TEMP-Fld	1.01E+01
TOC (ug/g)	50721	10/24/89	TOC	2.60E+03
TOC (ug/g)	50736	10/27/89	TOC	<1.20E+03
TOC (ug/g)	50842	12/14/89	TOC	<1.70E+03
TOC (ug/g)	51024	3/07/90	TOC	1.30E+03
Total Carbon (ug/g)	50721	10/24/89	TC	1.53E+04
Total Carbon (ug/g)	50736	10/27/89	TC	1.49E+04
Total Carbon (ug/g)	50842	12/14/89	TC	1.55E+04
Total Carbon (ug/g)	51024	3/07/90	TC	1.52E+04
TOX (ug (Cl)/L)	50721	10/24/89	LTOX	1.15E+02
TOX (ug (Cl)/L)	50736	10/27/89	LTOX	7.80E+01
TOX (ug (Cl)/L)	50842	12/14/89	LTOX	5.50E+01
TOX (ug (Cl)/L)	51024	3/07/90	LTOX	1.25E+02

DATA FOR 241-A Tank Farm Cooling Water

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50701E	10/18/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50815E	11/29/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50963E	2/21/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51028E	3/08/90	ICP	<5.00E+02
Barium	50701	10/18/89	ICP	3.10E+01
Barium	50815	11/29/89	ICP	3.20E+01
Barium	50963	2/21/90	ICP	2.70E+01
Barium	51028	3/08/90	ICP	3.00E+01
Barium (EP Toxic)	50701E	10/18/89	ICP	<1.00E+03
Barium (EP Toxic)	50815E	11/29/89	ICP	<1.00E+03
Barium (EP Toxic)	50963E	2/21/90	ICP	<1.00E+03
Barium (EP Toxic)	51028E	3/08/90	ICP	<1.00E+03
Boron	50701	10/18/89	ICP	<1.00E+01
Boron	50815	11/29/89	ICP	<1.00E+01
Boron	50963	2/21/90	ICP	4.10E+01
Boron	51028	3/08/90	ICP	2.30E+01
Cadmium (EP Toxic)	50701E	10/18/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50815E	11/29/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50963E	2/21/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51028E	3/08/90	ICP	<1.00E+02
Calcium	50701	10/18/89	ICP	1.86E+04
Calcium	50815	11/29/89	ICP	1.89E+04
Calcium	50963	2/21/90	ICP	1.83E+04
Calcium	51028	3/08/90	ICP	1.85E+04
Chloride	50701	10/18/89	IC	1.20E+03
Chloride	50815	11/29/89	IC	9.00E+02
Chloride	50963	2/21/90	IC	8.00E+02
Chloride	51028	3/08/90	IC	1.10E+03
Chromium (EP Toxic)	50701E	10/18/89	ICP	<5.00E+02
Chromium (EP Toxic)	50815E	11/29/89	ICP	<5.00E+02
Chromium (EP Toxic)	50963E	2/21/90	ICP	<5.00E+02
Chromium (EP Toxic)	51028E	3/08/90	ICP	<5.00E+02
Copper	50701	10/18/89	ICP	2.20E+01
Copper	50815	11/29/89	ICP	1.90E+01
Copper	50963	2/21/90	ICP	1.40E+01
Copper	51028	3/08/90	ICP	1.60E+01
Fluoride	50701	10/18/89	IC	<5.00E+02
Fluoride	50701	10/18/89	ISE	1.76E+02
Fluoride	50815	11/29/89	IC	<5.00E+02
Fluoride	50815	11/29/89	ISE	1.38E+02
Fluoride	50963	2/21/90	IC	<5.00E+02
Fluoride	50963	2/21/90	ISE	1.15E+02
Fluoride	51028	3/08/90	IC	<5.00E+02
Fluoride	51028	3/08/90	ISE	1.28E+02
Iron	50701	10/18/89	ICP	7.30E+01
Iron	50815	11/29/89	ICP	4.30E+01
Iron	50963	2/21/90	ICP	3.80E+01
Iron	51028	3/08/90	ICP	4.90E+01
Lead	50701	10/18/89	GFAA	<5.00E+00
Lead	50815	11/29/89	GFAA	<5.00E+00
Lead	50963	2/21/90	GFAA	<5.00E+00
Lead	51028	3/08/90	GFAA	5.00E+00
Lead (EP Toxic)	50701E	10/18/89	ICP	<5.00E+02

DATA FOR 241-A Tank Farm Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Lead (EP Toxic)	50815E	11/29/89	ICP	<5.00E+02
Lead (EP Toxic)	50963E	2/21/90	ICP	<5.00E+02
Lead (EP Toxic)	51028E	3/08/90	ICP	<5.00E+02
Magnesium	50701	10/18/89	ICP	4.11E+03
Magnesium	50815	11/29/89	ICP	4.30E+03
Magnesium	50963	2/21/90	ICP	4.33E+03
Magnesium	51028	3/08/90	ICP	4.57E+03
Manganese	50701	10/18/89	ICP	6.00E+00
Manganese	50815	11/29/89	ICP	<5.00E+00
Manganese	50963	2/21/90	ICP	<5.00E+00
Manganese	51028	3/08/90	ICP	<5.00E+00
Mercury (EP Toxic)	50701E	10/18/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50815E	11/29/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50963E	2/21/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51028E	3/08/90	CVAA/M	<2.00E+01
Nitrate	50701	10/18/89	IC	<5.00E+02
Nitrate	50815	11/29/89	IC	5.00E+02
Nitrate	50963	2/21/90	IC	6.00E+02
Nitrate	51028	3/08/90	IC	<5.00E+02
Potassium	50701	10/18/89	ICP	7.11E+02
Potassium	50815	11/29/89	ICP	7.78E+02
Potassium	50963	2/21/90	ICP	6.97E+02
Potassium	51028	3/08/90	ICP	7.31E+02
Selenium (EP Toxic)	50701E	10/18/89	ICP	<5.00E+02
Selenium (EP Toxic)	50815E	11/29/89	ICP	<5.00E+02
Selenium (EP Toxic)	50963E	2/21/90	ICP	<5.00E+02
Selenium (EP Toxic)	51028E	3/08/90	ICP	<5.00E+02
Silicon	50701	10/18/89	ICP	2.35E+03
Silicon	50815	11/29/89	ICP	2.71E+03
Silicon	50963	2/21/90	ICP	2.41E+03
Silicon	51028	3/08/90	ICP	2.41E+03
Silver (EP Toxic)	50701E	10/18/89	ICP	<5.00E+02
Silver (EP Toxic)	50815E	11/29/89	ICP	<5.00E+02
Silver (EP Toxic)	50963E	2/21/90	ICP	<5.00E+02
Silver (EP Toxic)	51028E	3/08/90	ICP	<5.00E+02
Sodium	50701	10/18/89	ICP	2.17E+03
Sodium	50815	11/29/89	ICP	2.04E+03
Sodium	50963	2/21/90	ICP	1.89E+03
Sodium	51028	3/08/90	ICP	2.08E+03
Strontium	50701	10/18/89	ICP	9.70E+01
Strontium	50815	11/29/89	ICP	9.40E+01
Strontium	50963	2/21/90	ICP	9.40E+01
Strontium	51028	3/08/90	ICP	9.50E+01
Sulfate	50701	10/18/89	IC	1.10E+04
Sulfate	50815	11/29/89	IC	9.60E+03
Sulfate	50963	2/21/90	IC	1.01E+04
Sulfate	51028	3/08/90	IC	1.07E+04
Uranium	50701	10/18/89	GEA	4.57E-01
Uranium	50815	11/29/89	GEA	3.63E-01
Uranium	51028	3/08/90	GEA	9.21E-01
Zinc	50701	10/18/89	ICP	2.30E+01
Zinc	50815	11/29/89	ICP	1.20E+01
Zinc	50963	2/21/90	ICP	1.50E+01

DATA FOR 241-A Tank: Farm Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Zinc	51028	3/08/90	ICP	1.50E+01
Acetone	50701	10/18/89	VOA	<9.00E+00
Acetone	50701	10/18/89	ABN	<1.00E+01
Acetone	50701B	10/18/89	VOA	2.30E+01
Acetone	50701T	10/18/89	VOA	<1.00E+01
Acetone	50815	11/29/89	VOA	<1.00E+01
Acetone	50815	11/29/89	ABN	<1.00E+01
Acetone	50815B	11/29/89	VOA	<1.00E+01
Acetone	50963	2/21/90	VOA	<1.00E+01
Acetone	50963	2/21/90	ABN	<1.05E+01
Acetone	50963B	2/21/90	VOA	<1.00E+01
Acetone	50963T	2/21/90	VOA	<1.00E+01
Acetone	51028	3/08/90	VOA	<1.00E+01
Acetone	51028	3/08/90	ABN	<1.00E+01
Acetone	51028B	3/08/90	VOA	<1.00E+01
Acetone	51028T	3/08/90	VOA	<1.00E+01
Ammonia	50701	10/18/89	ISE	7.00E+01
Ammonia	50815	11/29/89	ISE	<5.00E+01
Ammonia	50963	2/21/90	ISE	<5.00E+01
Ammonia	51028	3/08/90	ISE	<5.00E+01
1-Butanol	50701	10/18/89	DIGC	<1.00E+04
1-Butanol	50815	11/29/89	DIGC	<1.00E+04
1-Butanol	50963	2/21/90	DIGC	<1.00E+04
1-Butanol	51028	3/08/90	VOA	1.10E+01
1-Butanol	51028	3/08/90	DIGC	<1.00E+04
1-Butanol	51028B	3/08/90	VOA	1.20E+01
1-Butanol	51028T	3/08/90	VOA	1.30E+01
2-Butanone	50701	10/18/89	VOA	<1.00E+01
2-Butanone	50701B	10/18/89	VOA	1.50E+01
2-Butanone	50701T	10/18/89	VOA	<1.00E+01
2-Butanone	50815	11/29/89	VOA	<5.00E+00
2-Butanone	50815B	11/29/89	VOA	<1.00E+01
2-Butanone	50963	2/21/90	VOA	<1.00E+01
2-Butanone	50963B	2/21/90	VOA	<8.00E+00
2-Butanone	50963T	2/21/90	VOA	<1.00E+01
2-Butanone	51028	3/08/90	VOA	<1.00E+01
2-Butanone	51028B	3/08/90	VOA	<1.00E+01
2-Butanone	51028T	3/08/90	VOA	<1.00E+01
Butylated hydroxy toluene	50963	2/21/90	ABN	9.00E+00
Dichloromethane	50701	10/18/89	VOA	<5.00E+00
Dichloromethane	50701B	10/18/89	VOA	1.10E+01
Dichloromethane	50701T	10/18/89	VOA	1.20E+01
Dichloromethane	50815	11/29/89	VOA	<5.00E+00
Dichloromethane	50815B	11/29/89	VOA	6.00E+00
Dichloromethane	50963	2/21/90	VOA	<5.00E+00
Dichloromethane	50963B	2/21/90	VOA	<3.00E+00
Dichloromethane	50963T	2/21/90	VOA	<5.00E+00
Dichloromethane	51028	3/08/90	VOA	<5.00E+00
Dichloromethane	51028B	3/08/90	VOA	<5.00E+00
Dichloromethane	51028T	3/08/90	VOA	<5.00E+00
Tetrahydrofuran	50701	10/18/89	VOA	<1.00E+01
Tetrahydrofuran	50701B	10/18/89	VOA	1.10E+01
Tetrahydrofuran	50701T	10/18/89	VOA	<1.00E+01

DATA FOR 241-A Tank Farm Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Tetrahydrofuran	50815	11/29/89	VOA	<1.00E+01
Tetrahydrofuran	50815B	11/29/89	VOA	<1.00E+01
Tetrahydrofuran	50963	2/21/90	VOA	<1.00E+01
Tetrahydrofuran	50963B	2/21/90	VOA	<1.00E+01
Tetrahydrofuran	50963T	2/21/90	VOA	<6.00E+00
Tetrahydrofuran	51028	3/08/90	VOA	<1.00E+01
Tetrahydrofuran	51028B	3/08/90	VOA	<1.00E+01
Tetrahydrofuran	51028T	3/08/90	VOA	<1.00E+01
Trichloromethane	50701	10/18/89	VOA	<5.00E+00
Trichloromethane	50701B	10/18/89	VOA	<5.00E+00
Trichloromethane	50701T	10/18/89	VOA	<5.00E+00
Trichloromethane	50815	11/29/89	VOA	<5.00E+00
Trichloromethane	50815B	11/29/89	VOA	9.00E+00
Trichloromethane	50963	2/21/90	VOA	<5.00E+00
Trichloromethane	50963B	2/21/90	VOA	6.00E+00
Trichloromethane	50963T	2/21/90	VOA	6.00E+00
Trichloromethane	51028	3/08/90	VOA	<5.00E+00
Trichloromethane	51028B	3/08/90	VOA	<5.00E+00
Trichloromethane	51028T	3/08/90	VOA	<5.00E+00
Alkalinity (Method B)	50701	10/18/89	TITRA	5.90E+04
Alkalinity (Method B)	50815	11/29/89	TITRA	6.00E+04
Alkalinity (Method B)	50963	2/21/90	TITRA	6.00E+04
Alkalinity (Method B)	51028	3/08/90	TITRA	5.90E+04
Alpha Activity (pCi/L)	50701	10/18/89	Alpha	<3.54E-01
Alpha Activity (pCi/L)	50815	11/29/89	Alpha	1.31E+00
Alpha Activity (pCi/L)	51028	3/08/90	Alpha	<3.18E-01
Conductivity (uS)	50701	10/18/89	COND-Fld	1.30E+02
Conductivity (uS)	50815	11/29/89	COND-Fld	1.43E+02
Conductivity (uS)	50963	2/21/90	COND-Fld	1.47E+02
Conductivity (uS)	51028	3/08/90	COND-Fld	1.25E+02
Ignitability (degrees F)	50701E	10/18/89	IGNIT	2.12E+02
Ignitability (degrees F)	50815E	11/29/89	IGNIT	2.12E+02
Ignitability (degrees F)	50963E	2/21/90	IGNIT	2.10E+02
Ignitability (degrees F)	51028E	3/08/90	IGNIT	2.12E+02
pH (dimensionless)	50701	10/18/89	PH-Fld	6.95E+00
pH (dimensionless)	50815	11/29/89	PH-Fld	7.75E+00
pH (dimensionless)	50963	2/21/90	PH-Fld	7.50E+00
pH (dimensionless)	51028	3/08/90	PH-Fld	8.04E+00
Reactivity Cyanide (mg/kg)	50701E	10/18/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50815E	11/29/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50963E	2/21/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51028E	3/08/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50701E	10/18/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50815E	11/29/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50963E	2/21/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51028E	3/08/90	DTITRA	<1.00E+02
TDS (mg/L)	50701	10/18/89	TDS	6.40E+04
TDS (mg/L)	50815	11/29/89	TDS	4.40E+04
TDS (mg/L)	50963	2/21/90	TDS	5.80E+04
TDS (mg/L)	51028	3/08/90	TDS	3.80E+04
Temperature (degrees C)	50701	10/18/89	TEMP-Fld	1.70E+01
Temperature (degrees C)	50815	11/29/89	TEMP-Fld	1.20E+01
Temperature (degrees C)	50963	2/21/90	TEMP-Fld	7.50E+00

DATA FOR 241-A Tank Farm Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Temperature (degrees C)	51028	3/08/90	TEMP-Fld	6.80E+00
TOC (ug/g)	50701	10/18/89	TOC	<1.30E+03
TOC (ug/g)	50815	11/29/89	TOC	<1.20E+03
TOC (ug/g)	50963	2/21/90	TOC	1.10E+03
TOC (ug/g)	51028	3/08/90	TOC	1.20E+03
Total Carbon (ug/g)	50701	10/18/89	TC	1.60E+04
Total Carbon (ug/g)	50815	11/29/89	TC	1.58E+04
Total Carbon (ug/g)	50963	2/21/90	TC	1.55E+04
Total Carbon (ug/g)	51028	3/08/90	TC	1.59E+04
U-234 (pCi/L)	50701	10/18/89	AEA	2.63E-01
U-234 (pCi/L)	50815	11/29/89	AEA	2.25E-01
U-234 (pCi/L)	51028	3/08/90	AEA	1.87E-01
U-238 (pCi/L)	50701	10/18/89	AEA	2.02E-01
U-238 (pCi/L)	50815	11/29/89	AEA	1.32E-01
U-238 (pCi/L)	51028	3/08/90	AEA	1.77E-01

DATA FOR 2724-W Laundry Wastewater

Constituent	Sample #	Date	Method	Result
Aluminum	50677	10/12/89	ICP	5.51E+03
Aluminum	50772	11/16/89	ICP	3.45E+02
Aluminum	50780	11/21/89	ICP	6.67E+02
Aluminum	50857	12/21/89	ICP	5.06E+02
Arsenic	50677	10/12/89	GFAA	1.00E+01
Arsenic	50772	11/16/89	GFAA	<5.00E+00
Arsenic	50780	11/21/89	GFAA	<5.00E+00
Arsenic	50857	12/21/89	GFAA	<5.00E+00
Arsenic (EP Toxic)	50677E	10/12/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50772E	11/16/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50780E	11/21/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50857E	12/21/89	ICP	<5.00E+02
Barium	50677	10/12/89	ICP	1.86E+03
Barium	50772	11/16/89	ICP	9.70E+01
Barium	50780	11/21/89	ICP	8.50E+01
Barium	50857	12/21/89	ICP	1.36E+02
Barium (EP Toxic)	50677E	10/12/89	ICP	<1.00E+03
Barium (EP Toxic)	50772E	11/16/89	ICP	<1.00E+03
Barium (EP Toxic)	50780E	11/21/89	ICP	<1.00E+03
Barium (EP Toxic)	50857E	12/21/89	ICP	<1.00E+03
Boron	50677	10/12/89	ICP	1.08E+02
Boron	50772	11/16/89	ICP	1.64E+02
Boron	50780	11/21/89	ICP	2.13E+02
Boron	50857	12/21/89	ICP	1.90E+01
Cadmium	50677	10/12/89	ICP	3.10E+01
Cadmium	50772	11/16/89	ICP	<2.00E+00
Cadmium	50780	11/21/89	ICP	7.00E+00
Cadmium	50857	12/21/89	ICP	<2.00E+00
Cadmium (EP Toxic)	50677E	10/12/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50772E	11/16/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50780E	11/21/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50857E	12/21/89	ICP	<1.00E+02
Calcium	50677	10/12/89	ICP	3.18E+04
Calcium	50772	11/16/89	ICP	1.74E+04
Calcium	50780	11/21/89	ICP	2.09E+04
Calcium	50857	12/21/89	ICP	1.50E+04
Chloride	50677	10/12/89	IC	9.00E+03
Chloride	50772	11/16/89	IC	3.97E+04
Chloride	50780	11/21/89	IC	9.00E+03
Chloride	50857	12/21/89	IC	2.60E+03
Chromium	50677	10/12/89	ICP	9.10E+01
Chromium	50772	11/16/89	ICP	<1.00E+01
Chromium	50780	11/21/89	ICP	1.70E+01
Chromium	50857	12/21/89	ICP	<1.00E+01
Chromium (EP Toxic)	50677E	10/12/89	ICP	<5.00E+02
Chromium (EP Toxic)	50772E	11/16/89	ICP	<5.00E+02
Chromium (EP Toxic)	50780E	11/21/89	ICP	<5.00E+02
Chromium (EP Toxic)	50857E	12/21/89	ICP	<5.00E+02
Copper	50677	10/12/89	ICP	6.78E+02
Copper	50772	11/16/89	ICP	6.70E+01
Copper	50780	11/21/89	ICP	7.30E+01
Copper	50857	12/21/89	ICP	7.40E+01
Cyanide	50677	10/12/89	SPEC	<1.00E+01

DATA FOR 2724-W Laundry Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Cyanide	50772	11/16/89	SPEC	4.45E+01
Cyanide	50780	11/21/89	SPEC	2.93E+01
Cyanide	50857	12/21/89	SPEC	2.22E+01
Fluoride	50677	10/12/89	IC	2.10E+03
Fluoride	50677	10/12/89	ISE	2.25E+02
Fluoride	50772	11/16/89	IC	1.60E+03
Fluoride	50772	11/16/89	ISE	1.75E+02
Fluoride	50780	11/21/89	IC	1.10E+03
Fluoride	50780	11/21/89	ISE	2.26E+02
Fluoride	50857	12/21/89	IC	<5.00E+02
Fluoride	50857	12/21/89	ISE	1.47E+02
Iron	50677	10/12/89	ICP	1.72E+04
Iron	50772	11/16/89	ICP	6.66E+02
Iron	50780	11/21/89	ICP	1.36E+03
Iron	50857	12/21/89	ICP	1.01E+03
Lead	50677	10/12/89	GFAA	3.19E+02
Lead	50772	11/16/89	GFAA	1.80E+01
Lead	50780	11/21/89	GFAA	7.70E+01
Lead	50857	12/21/89	GFAA	1.90E+01
Lead (EP Toxic)	50677E	10/12/89	ICP	<5.00E+02
Lead (EP Toxic)	50772E	11/16/89	ICP	<5.00E+02
Lead (EP Toxic)	50780E	11/21/89	ICP	<5.00E+02
Lead (EP Toxic)	50857E	12/21/89	ICP	<5.00E+02
Lithium	50677	10/12/89	ICP	1.56E+02
Lithium	50772	11/16/89	ICP	1.59E+03
Lithium	50780	11/21/89	ICP	2.30E+01
Lithium	50857	12/21/89	ICP	<1.00E+01
Magnesium	50677	10/12/89	ICP	7.57E+03
Magnesium	50772	11/16/89	ICP	5.74E+03
Magnesium	50780	11/21/89	ICP	7.44E+03
Magnesium	50857	12/21/89	ICP	3.16E+03
Manganese	50677	10/12/89	ICP	1.90E+02
Manganese	50772	11/16/89	ICP	2.20E+01
Manganese	50780	11/21/89	ICP	3.60E+01
Manganese	50857	12/21/89	ICP	1.80E+01
Mercury	50677	10/12/89	CVAA	6.50E-01
Mercury	50772	11/16/89	CVAA	<1.00E-01
Mercury	50780	11/21/89	CVAA	3.30E-01
Mercury	50857	12/21/89	CVAA	1.60E-01
Mercury (EP Toxic)	50677E	10/12/89	CVAA/M	<1.00E+02
Mercury (EP Toxic)	50772E	11/16/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50780E	11/21/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50857E	12/21/89	CVAA/M	<2.00E+01
Nickel	50677	10/12/89	ICP	1.63E+02
Nickel	50772	11/16/89	ICP	<1.00E+01
Nickel	50780	11/21/89	ICP	1.10E+01
Nickel	50857	12/21/89	ICP	<1.00E+01
Nitrate	50677	10/12/89	IC	1.00E+03
Nitrate	50772	11/16/89	IC	2.60E+03
Nitrate	50780	11/21/89	IC	1.40E+03
Nitrate	50857	12/21/89	IC	5.00E+02
Phosphate	50677	10/12/89	IC	1.83E+05
Phosphate	50772	11/16/89	IC	7.29E+04

DATA FOR 2724-W Laundry Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Phosphate	50780	11/21/89	IC	7.33E+04
Phosphate	50857	12/21/89	IC	4.33E+04
Potassium	50677	10/12/89	ICP	4.53E+03
Potassium	50772	11/16/89	ICP	1.82E+04
Potassium	50780	11/21/89	ICP	1.35E+04
Potassium	50857	12/21/89	ICP	1.14E+03
Selenium (EP Toxic)	50677E	10/12/89	ICP	<5.00E+02
Selenium (EP Toxic)	50772E	11/16/89	ICP	<5.00E+02
Selenium (EP Toxic)	50780E	11/21/89	ICP	<5.00E+02
Selenium (EP Toxic)	50857E	12/21/89	ICP	<5.00E+02
Silicon	50677	10/12/89	ICP	3.97E+04
Silicon	50772	11/16/89	ICP	2.48E+04
Silicon	50780	11/21/89	ICP	3.23E+04
Silicon	50857	12/21/89	ICP	1.20E+04
Silver (EP Toxic)	50677E	10/12/89	ICP	<5.00E+02
Silver (EP Toxic)	50772E	11/16/89	ICP	<5.00E+02
Silver (EP Toxic)	50780E	11/21/89	ICP	<5.00E+02
Silver (EP Toxic)	50857E	12/21/89	ICP	<5.00E+02
Sodium	50677	10/12/89	ICP	1.27E+05
Sodium	50772	11/16/89	ICP	1.23E+05
Sodium	50780	11/21/89	ICP	1.42E+05
Sodium	50857	12/21/89	ICP	4.51E+04
Strontium	50677	10/12/89	ICP	1.83E+02
Strontium	50772	11/16/89	ICP	8.90E+01
Strontium	50780	11/21/89	ICP	9.70E+01
Strontium	50857	12/21/89	ICP	7.40E+01
Sulfate	50677	10/12/89	IC	1.87E+04
Sulfate	50772	11/16/89	IC	2.30E+04
Sulfate	50780	11/21/89	IC	1.85E+04
Sulfate	50857	12/21/89	IC	1.08E+04
Sulfide	50677	10/12/89	TITRA	1.97E+03
Sulfide	50772	11/16/89	TITRA	<1.00E+03
Sulfide	50780	11/21/89	TITRA	1.65E+03
Sulfide	50857	12/21/89	TITRA	<1.00E+03
Titanium	50677	10/12/89	ICP	5.42E+02
Titanium	50772	11/16/89	ICP	<6.00E+01
Titanium	50780	11/21/89	ICP	<6.00E+01
Titanium	50857	12/21/89	ICP	<6.00E+01
Uranium	50677	10/12/89	GEA	5.44E+01
Uranium	50772	11/16/89	GEA	3.83E+02
Uranium	50780	11/21/89	GEA	3.28E+00
Uranium	50857	12/21/89	GEA	1.06E+01
Vanadium	50677	10/12/89	ICP	1.70E+01
Vanadium	50772	11/16/89	ICP	<5.00E+00
Vanadium	50780	11/21/89	ICP	<5.00E+00
Vanadium	50857	12/21/89	ICP	<5.00E+00
Zinc	50677	10/12/89	ICP	1.73E+03
Zinc	50772	11/16/89	ICP	1.95E+02
Zinc	50780	11/21/89	ICP	3.68E+02
Zinc	50857	12/21/89	ICP	1.40E+02
Acetone	50677	10/12/89	VOA	2.30E+01
Acetone	50677	10/12/89	ABN	<1.00E+01
Acetone	50677E	10/12/89	VOA	<6.00E+00

DATA FOR 2724-W Laundry Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50677T	10/12/89	VOA	1.20E+01
Acetone	50772	11/16/89	VOA	1.60E+01
Acetone	50772	11/16/89	ABN	<1.00E+01
Acetone	50772B	11/16/89	VOA	<1.00E+01
Acetone	50772T	11/16/89	VOA	<1.00E+01
Acetone	50780	11/21/89	VOA	<7.00E+00
Acetone	50780	11/21/89	ABN	<1.00E+01
Acetone	50780B	11/21/89	VOA	<1.00E+01
Acetone	50780T	11/21/89	VOA	<1.00E+01
Acetone	50857	12/21/89	VOA	<1.00E+01
Acetone	50857	12/21/89	ABN	<1.00E+01
Acetone	50857B	12/21/89	VOA	<1.00E+01
Acetone	50857T	12/21/89	VOA	<1.00E+01
Ammonia	50677	10/12/89	ISE	1.71E+04
Ammonia	50772	11/16/89	ISE	5.99E+03
Ammonia	50780	11/21/89	ISE	1.71E+04
Ammonia	50857	12/21/89	ISE	3.27E+04
Benzoic acid	50772	11/16/89	ABN	1.22E+02
Benzoic acid	50780	11/21/89	ABN	2.80E+02
Benzoic acid	50857	12/21/89	ABN	6.00E+01
Benzyl alcohol	50677	10/12/89	ABN	3.22E+02
Benzyl alcohol	50772	11/16/89	ABN	5.80E+01
Benzyl alcohol	50780	11/21/89	ABN	1.04E+02
Benzyl alcohol	50857	12/21/89	ABN	9.00E+01
Bis(2-ethylhexyl) phthalate	50677	10/12/89	ABN	8.80E+01
Bis(2-ethylhexyl) phthalate	50772	11/16/89	ABN	3.10E+01
Bis(2-ethylhexyl) phthalate	50780	11/21/89	ABN	1.00E+02
Bis(2-ethylhexyl) phthalate	50857	12/21/89	ABN	6.70E+01
1-Butoxy-2-propanol	50857	12/21/89	ABN	1.20E+02
Butylbenzyl phthalate	50677	10/12/89	ABN	7.80E+01
Butylbenzyl phthalate	50772	11/16/89	ABN	1.80E+01
Butylbenzyl phthalate	50780	11/21/89	ABN	3.20E+01
Butylbenzyl phthalate	50857	12/21/89	ABN	3.00E+01
Dichloromethane	50677	10/12/89	VOA	<5.00E+00
Dichloromethane	50677B	10/12/89	VOA	3.90E+02
Dichloromethane	50677T	10/12/89	VOA	4.20E+02
Dichloromethane	50772	11/16/89	VOA	<5.00E+00
Dichloromethane	50772B	11/16/89	VOA	<5.00E+00
Dichloromethane	50772T	11/16/89	VOA	<5.00E+00
Dichloromethane	50780	11/21/89	VOA	<5.00E+00
Dichloromethane	50780B	11/21/89	VOA	<3.00E+00
Dichloromethane	50780T	11/21/89	VOA	<3.00E+00
Dichloromethane	50857	12/21/89	VOA	<5.00E+00
Dichloromethane	50857B	12/21/89	VOA	1.30E+03
Dichloromethane	50857T	12/21/89	VOA	<3.00E+00
Di-n-octyl phthalate	50677	10/12/89	ABN	1.86E+02
Di-n-octyl phthalate	50772	11/16/89	ABN	3.20E+01
Di-n-octyl phthalate	50780	11/21/89	ABN	1.18E+02
Di-n-octyl phthalate	50857	12/21/89	ABN	1.10E+02
Hydrazine	50677	10/12/89	SPEC	<3.00E+01
Hydrazine	50772	11/16/89	SPEC	7.20E+01
Hydrazine	50780	11/21/89	SPEC	7.50E+01
Hydrazine	50857	12/21/89	SPEC	3.60E+01

DATA FOR 2724-W Laundry Wastewater
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Constituent	Sample #	Date	Method	Result
Phthalic anhydride	50857	12/21/89	ABN	1.20E+01
Trichloromethane	50677	10/12/89	VOA	2.20E+01
Trichloromethane	50677B	10/12/89	VOA	<5.00E+00
Trichloromethane	50677T	10/12/89	VOA	<5.00E+00
Trichloromethane	50772	11/16/89	VOA	9.50E+01
Trichloromethane	50772B	11/16/89	VOA	5.00E+00
Trichloromethane	50772T	11/16/89	VOA	5.00E+00
Trichloromethane	50780	11/21/89	VOA	6.00E+00
Trichloromethane	50780B	11/21/89	VOA	<4.00E+00
Trichloromethane	50780T	11/21/89	VOA	9.00E+00
Trichloromethane	50857	12/21/89	VOA	1.00E+01
Trichloromethane	50857B	12/21/89	VOA	<5.00E+00
Trichloromethane	50857T	12/21/89	VOA	5.00E+00
Unknown	50677	10/12/89	ABN	5.60E+01
Unknown	50772	11/16/89	ABN	5.20E+01
Unknown	50780	11/21/89	ABN	3.60E+01
Unknown	50857	12/21/89	ABN	7.70E+01
Unknown acid	50677	10/12/89	ABN	2.20E+01
Unknown aliphatic alcohol	50857	12/21/89	ABN	1.60E+01
Unknown aliphatic HC	50677	10/12/89	ABN	3.60E+01
Unknown aliphatic HC	50772	11/16/89	ABN	2.80E+01
Unknown aliphatic HC	50780	11/21/89	ABN	2.70E+01
Unknown aliphatic HC	50857	12/21/89	ABN	6.00E+00
Unknown amine	50772	11/16/89	ABN	2.10E+01
Unknown fatty acid	50677	10/12/89	ABN	4.10E+02
Unknown fatty acid	50772	11/16/89	ABN	7.30E+01
Unknown fatty acid	50780	11/21/89	ABN	6.20E+01
Unknown fatty acid	50857	12/21/89	ABN	9.10E+01
Unknown glycol	50857	12/21/89	ABN	9.20E+01
Unknown hydrocarbon	50857	12/21/89	ABN	9.00E+01
Unknown phthalate	50677	10/12/89	ABN	9.10E+01
Unknown phthalate	50772	11/16/89	ABN	2.20E+01
Unknown phthalate	50780	11/21/89	ABN	4.80E+01
Unknown phthalate	50857	12/21/89	ABN	2.70E+01
Unknown polycyclic HC	50772	11/16/89	ABN	3.20E+01
Unknown polycyclic HC	50780	11/21/89	ABN	7.60E+01
Unknown sulfur compound	50857	12/21/89	ABN	1.30E+01
Alkalinity (Method B)	50677	10/12/89	TITRA	4.36E+05
Alkalinity (Method B)	50772	11/16/89	TITRA	2.18E+05
Alkalinity (Method B)	50780	11/21/89	TITRA	2.50E+05
Alkalinity (Method B)	50857	12/21/89	TITRA	1.26E+05
Alpha Activity (pCi/L)	50677	10/12/89	Alpha	6.34E+02
Alpha Activity (pCi/L)	50772	11/16/89	Alpha	1.84E+02
Alpha Activity (pCi/L)	50780	11/21/89	Alpha	1.90E+00
Alpha Activity (pCi/L)	50857	12/21/89	Alpha	1.68E+01
Beta Activity (pCi/L)	50677	10/12/89	Beta	3.70E+03
Beta Activity (pCi/L)	50772	11/16/89	Beta	2.91E+03
Beta Activity (pCi/L)	50780	11/21/89	Beta	1.23E+01
Beta Activity (pCi/L)	50857	12/21/89	Beta	3.17E+01
Conductivity (uS)	50677	10/12/89	COND-Fld	8.00E+02
Conductivity (uS)	50772	11/16/89	COND-Fld	9.71E+02
Conductivity (uS)	50780	11/21/89	COND-Fld	1.01E+03
Conductivity (uS)	50857	12/21/89	COND-Fld	2.97E+02

DATA FOR 2724-W Laundry Wastewater
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Constituent	Sample #	Date	Method	Result
Ignitability (degrees F)	50677E	10/12/89	IGNIT	2.12E+02
Ignitability (degrees F)	50772E	11/16/89	IGNIT	2.06E+02
Ignitability (degrees F)	50780E	11/21/89	IGNIT	2.12E+02
Ignitability (degrees F)	50857E	12/21/89	IGNIT	2.10E+02
pH (dimensionless)	50677	10/12/89	PH-Fld	9.49E+00
pH (dimensionless)	50772	11/16/89	PH-Fld	9.55E+00
pH (dimensionless)	50780	11/21/89	PH-Fld	8.02E+00
pH (dimensionless)	50857	12/21/89	PH-Fld	6.75E+00
Reactivity Cyanide (mg/kg)	50677E	10/12/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50772E	11/16/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50780E	11/21/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50857E	12/21/89	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50677E	10/12/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50772E	11/16/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50780E	11/21/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50857E	12/21/89	DTITRA	<1.00E+02
Suspended Solids (mg/L)	50677	10/12/89	SSOLID	3.85E+05
Suspended Solids (mg/L)	50772	11/16/89	SSOLID	9.90E+04
Suspended Solids (mg/L)	50780	11/21/89	SSOLID	8.40E+04
Suspended Solids (mg/L)	50857	12/21/89	SSOLID	4.26E+04
TDS (mg/L)	50677	10/12/89	TDS	6.33E+05
TDS (mg/L)	50772	11/16/89	TDS	4.19E+05
TDS (mg/L)	50780	11/21/89	TDS	7.51E+05
TDS (mg/L)	50857	12/21/89	TDS	1.77E+05
Temperature (degrees C)	50677	10/12/89	TEMP-Fld	4.65E+01
Temperature (degrees C)	50772	11/16/89	TEMP-Fld	4.10E+01
Temperature (degrees C)	50780	11/21/89	TEMP-Fld	5.06E+01
Temperature (degrees C)	50857	12/21/89	TEMP-Fld	4.48E+01
TOC (ug/g)	50677	10/12/89	TOC	3.94E+04
TOC (ug/g)	50772	11/16/89	TOC	8.71E+04
TOC (ug/g)	50780	11/21/89	TOC	2.77E+04
TOC (ug/g)	50857	12/21/89	TOC	4.02E+04
Total Carbon (ug/g)	50677	10/12/89	TC	1.36E+05
Total Carbon (ug/g)	50772	11/16/89	TC	1.21E+05
Total Carbon (ug/g)	50780	11/21/89	TC	9.20E+04
Total Carbon (ug/g)	50857	12/21/89	TC	8.97E+04
TOX (ug (Cl)/L)	50677	10/12/89	LTOX	1.84E+02
TOX (ug (Cl)/L)	50772	11/16/89	LTOX	1.23E+03
TOX (ug (Cl)/L)	50780	11/21/89	LTOX	1.49E+02
TOX (ug (Cl)/L)	50857	12/21/89	LTOX	1.22E+02
Am-241 (pCi/L)	50677	10/12/89	AEA	1.23E+01
Am-241 (pCi/L)	50772	11/16/89	AEA	1.20E+02
Am-241 (pCi/L)	50857	12/21/89	AEA	<9.21E-04
Cm-244 (pCi/L)	50677	10/12/89	AEA	1.19E-01
Cm-244 (pCi/L)	50772	11/16/89	AEA	1.09E+00
Co-60 (pCi/L)	50677	10/12/89	GEA	5.76E+02
Co-60 (pCi/L)	50772	11/16/89	GEA	5.42E+02
Co-60 (pCi/L)	50780	11/21/89	GEA	<4.82E-02
Co-60 (pCi/L)	50857	12/21/89	GEA	5.35E+01
Cs-137 (pCi/L)	50677	10/12/89	GEA	1.35E+02
Cs-137 (pCi/L)	50772	11/16/89	GEA	5.02E+02
Cs-137 (pCi/L)	50780	11/21/89	GEA	<2.00E-01
Cs-137 (pCi/L)	50857	12/21/89	GEA	4.33E+01

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Constituent	Sample #	Date	Method	Result
H-3 (pCi/L)	50677	10/12/89	LSC	3.78E+03
H-3 (pCi/L)	50780	11/21/89	LSC	<2.68E+01
H-3 (pCi/L)	50857	12/21/89	LSC	<1.78E+01
Mn-54 (pCi/L)	50677	10/12/89	GEA	6.18E+01
Mn-54 (pCi/L)	50772	11/16/89	GEA	5.49E+01
Mn-54 (pCi/L)	50857	12/21/89	GEA	4.47E+00
Na-22 (pCi/L)	50772	11/16/89	GEA	8.88E+01
Pb-210 (pCi/L)	50677	10/12/89	GEA	1.09E+00
Pb-210 (pCi/L)	50772	11/16/89	GEA	2.63E+00
Pb-210 (pCi/L)	50780	11/21/89	GEA	<8.18E-01
Pb-210 (pCi/L)	50857	12/21/89	GEA	<3.47E-01
Pu-238 (pCi/L)	50677	10/12/89	AEA	3.36E+01
Pu-238 (pCi/L)	50772	11/16/89	AEA	3.61E+01
Pu-238 (pCi/L)	50780	11/21/89	AEA	1.22E-01
Pu-238 (pCi/L)	50857	12/21/89	AEA	5.15E-01
Pu-239/240 (pCi/L)	50677	10/12/89	AEA	4.16E+02
Pu-239/240 (pCi/L)	50772	11/16/89	AEA	3.95E+02
Pu-239/240 (pCi/L)	50780	11/21/89	AEA	1.23E+00
Pu-239/240 (pCi/L)	50857	12/21/89	AEA	5.58E+00
Radium Total (pCi/L)	50677	10/12/89	Alpha-Ra	4.87E-01
Radium Total (pCi/L)	50772	11/16/89	Alpha-Ra	1.41E+00
Radium Total (pCi/L)	50780	11/21/89	Alpha-Ra	<9.24E-01
Radium Total (pCi/L)	50857	12/21/89	Alpha-Ra	1.82E-01
Ra-228 (pCi/L)	50772	11/16/89	GEA	2.50E+02
Ru-106 (pCi/L)	50677	10/12/89	GEA	<3.53E+01
Ru-106 (pCi/L)	50772	11/16/89	GEA	7.79E+01
Ru-106 (pCi/L)	50780	11/21/89	GEA	<1.96E+00
Ru-106 (pCi/L)	50857	12/21/89	GEA	<1.57E+01
Sr-90 (pCi/L)	50677	10/12/89	Beta	1.25E+03
Sr-90 (pCi/L)	50772	11/16/89	Beta	4.56E+03
Sr-90 (pCi/L)	50780	11/21/89	Beta	8.07E+00
Sr-90 (pCi/L)	50857	12/21/89	Beta	1.61E+01
U-234 (pCi/L)	50677	10/12/89	AEA	1.58E+01
U-234 (pCi/L)	50772	11/16/89	AEA	2.12E+02
U-234 (pCi/L)	50780	11/21/89	AEA	1.77E+00
U-234 (pCi/L)	50857	12/21/89	AEA	3.87E+00
U-235 (pCi/L)	50677	10/12/89	AEA	5.31E-01
U-235 (pCi/L)	50772	11/16/89	AEA	2.31E+01
U-235 (pCi/L)	50780	11/21/89	AEA	<2.35E-02
U-235 (pCi/L)	50857	12/21/89	AEA	1.90E-01
U-238 (pCi/L)	50677	10/12/89	AEA	1.60E+01
U-238 (pCi/L)	50772	11/16/89	AEA	2.43E+02
U-238 (pCi/L)	50780	11/21/89	AEA	1.45E+00
U-238 (pCi/L)	50857	12/21/89	AEA	3.44E+00

DATA FOR N Reactor Effluent

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	25158E	10/03/89	ICP	<5.00E+02
Arsenic (EP Toxic)	25160E	10/10/89	ICP	<5.00E+02
Arsenic (EP Toxic)	25162E	10/17/89	ICP	<5.00E+02
Arsenic (EP Toxic)	25167E	10/24/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25169E	10/31/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25171E	11/07/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25173E	11/14/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25175E	11/21/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25177E	11/28/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25179E	12/05/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25181E	12/12/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25183E	12/19/89	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25185E	1/02/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25187E	1/09/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25189E	1/16/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25191E	1/23/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25193E	1/30/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25195E	2/06/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25197E	2/13/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25199E	2/20/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25201E	2/27/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25203E	3/06/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	25205E	3/13/90	ICP/M	<5.00E+02
Arsenic (EP Toxic)	50873E	1/03/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50959E	2/21/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51012E	3/05/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51091E	3/26/90	ICP	<5.00E+02
Barium	50873	1/03/90	ICP	3.10E+01
Barium	50959	2/21/90	ICP	3.80E+01
Barium	51012	3/05/90	ICP	4.40E+01
Barium	51091	3/26/90	ICP	3.40E+01
Barium (EP Toxic)	25158E	10/03/89	ICP	<1.00E+03
Barium (EP Toxic)	25160E	10/10/89	ICP	<1.00E+03
Barium (EP Toxic)	25162E	10/17/89	ICP	<1.00E+03
Barium (EP Toxic)	25167E	10/24/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25169E	10/31/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25171E	11/07/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25173E	11/14/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25175E	11/21/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25177E	11/28/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25179E	12/05/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25181E	12/12/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25183E	12/19/89	ICP/M	<1.00E+03
Barium (EP Toxic)	25185E	1/02/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25187E	1/09/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25189E	1/16/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25191E	1/23/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25193E	1/30/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25195E	2/06/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25197E	2/13/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25199E	2/20/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25201E	2/27/90	ICP/M	<1.00E+03
Barium (EP Toxic)	25203E	3/06/90	ICP/M	<1.00E+03

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Barium (EP Toxic)	25205E	3/13/90	ICP/M	<1.00E+03
Barium (EP Toxic)	50873E	1/03/90	ICP	<1.00E+03
Barium (EP Toxic)	50959E	2/21/90	ICP	<1.00E+03
Barium (EP Toxic)	51012E	3/05/90	ICP	<1.00E+03
Barium (EP Toxic)	51091E	3/26/90	ICP	<1.00E+03
Boron	50873	1/03/90	ICP	5.00E+01
Boron	50959	2/21/90	ICP	6.00E+01
Boron	51012	3/05/90	ICP	9.90E+01
Boron	51091	3/26/90	ICP	3.60E+01
Cadmium	50873	1/03/90	ICP	<2.00E+00
Cadmium	50959	2/21/90	ICP	<2.00E+00
Cadmium	51012	3/05/90	ICP	<2.00E+00
Cadmium	51091	3/26/90	ICP	2.00E+00
Cadmium (EP Toxic)	25158E	10/03/89	ICP	<1.00E+02
Cadmium (EP Toxic)	25160E	10/10/89	ICP	<1.00E+02
Cadmium (EP Toxic)	25162E	10/17/89	ICP	<1.00E+02
Cadmium (EP Toxic)	25167E	10/24/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25169E	10/31/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25171E	11/07/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25173E	11/14/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25175E	11/21/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25177E	11/28/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25179E	12/05/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25181E	12/12/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25183E	12/19/89	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25185E	1/02/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25187E	1/09/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25189E	1/16/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25191E	1/23/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25193E	1/30/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25195E	2/06/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25197E	2/13/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25199E	2/20/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25201E	2/27/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25203E	3/06/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	25205E	3/13/90	ICP/M	<1.00E+02
Cadmium (EP Toxic)	50873E	1/03/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50959E	2/21/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51012E	3/05/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51091E	3/26/90	ICP	<1.00E+02
Calcium	50873	1/03/90	ICP	5.36E+03
Calcium	50959	2/21/90	ICP	7.44E+03
Calcium	51012	3/05/90	ICP	1.58E+04
Calcium	51091	3/26/90	ICP	1.80E+04
Chloride	25160	10/10/89	IC	1.10E+03
Chloride	25162	10/17/89	IC	6.00E+02
Chloride	25167	10/24/89	IC	1.50E+03
Chloride	25169	10/31/89	IC	8.00E+02
Chloride	25171	11/07/89	IC	1.30E+03
Chloride	25173	11/14/89	IC	1.40E+03
Chloride	25175	11/21/89	IC	7.00E+02
Chloride	25177	11/28/89	IC	1.00E+03
Chloride	25179	12/05/89	IC	1.00E+03

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Chloride	25181	12/12/89	IC	1.10E+03
Chloride	25183	12/19/89	IC	1.10E+03
Chloride	25185	1/02/90	IC	<5.00E+02
Chloride	25187	1/09/90	IC	6.00E+02
Chloride	25189	1/16/90	IC	1.70E+03
Chloride	25191	1/23/90	IC	1.50E+03
Chloride	25193	1/30/90	IC	2.30E+03
Chloride	25195	2/06/90	IC	9.00E+02
Chloride	25197	2/13/90	IC	<5.00E+02
Chloride	25199	2/20/90	IC	7.00E+02
Chloride	25201	2/27/90	IC	1.70E+03
Chloride	25203	3/06/90	IC	1.50E+03
Chloride	25205	3/13/90	IC	1.70E+03
Chloride	50873	1/03/90	IC	5.00E+02
Chloride	50959	2/21/90	IC	<5.00E+02
Chloride	51012	3/05/90	IC	1.40E+03
Chloride	51091	3/26/90	IC	1.70E+03
Chromium (EP Toxic)	25158E	10/03/89	ICP	<5.00E+02
Chromium (EP Toxic)	25160E	10/10/89	ICP	<5.00E+02
Chromium (EP Toxic)	25162E	10/17/89	ICP	<5.00E+02
Chromium (EP Toxic)	25167E	10/24/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25169E	10/31/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25171E	11/07/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25173E	11/14/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25175E	11/21/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25177E	11/28/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25179E	12/05/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25181E	12/12/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25183E	12/19/89	ICP/M	<5.00E+02
Chromium (EP Toxic)	25185E	1/02/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25187E	1/09/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25189E	1/16/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25191E	1/23/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25193E	1/30/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25195E	2/06/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25197E	2/13/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25199E	2/20/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25201E	2/27/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25203E	3/06/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	25205E	3/13/90	ICP/M	<5.00E+02
Chromium (EP Toxic)	50873E	1/03/90	ICP	<5.00E+02
Chromium (EP Toxic)	50959E	2/21/90	ICP	<5.00E+02
Chromium (EP Toxic)	51012E	3/05/90	ICP	<5.00E+02
Chromium (EP Toxic)	51091E	3/26/90	ICP	<5.00E+02
Fluoride	25160	10/10/89	IC	<5.00E+02
Fluoride	25162	10/17/89	IC	<5.00E+02
Fluoride	25167	10/24/89	IC	<5.00E+02
Fluoride	25169	10/31/89	IC	<5.00E+02
Fluoride	25171	11/07/89	IC	<5.00E+02
Fluoride	25173	11/14/89	IC	<5.00E+02
Fluoride	25175	11/21/89	IC	<5.00E+02
Fluoride	25177	11/28/89	IC	<5.00E+02
Fluoride	25179	12/05/89	IC	<5.00E+02

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Fluoride	25181	12/12/89	IC	<5.00E+02
Fluoride	25183	12/19/89	IC	<5.00E+02
Fluoride	25185	1/02/90	IC	<5.00E+02
Fluoride	25187	1/09/90	IC	<5.00E+02
Fluoride	25189	1/16/90	IC	<5.00E+02
Fluoride	25191	1/23/90	IC	<5.00E+02
Fluoride	25193	1/30/90	IC	<5.00E+02
Fluoride	25195	2/06/90	IC	<5.00E+02
Fluoride	25197	2/13/90	IC	<5.00E+02
Fluoride	25199	2/20/90	IC	<5.00E+02
Fluoride	25201	2/27/90	IC	<5.00E+02
Fluoride	25203	3/06/90	IC	<5.00E+02
Fluoride	25205	3/13/90	IC	<5.00E+02
Fluoride	50873	1/03/90	IC	<5.00E+02
Fluoride	50873	1/03/90	ISE	8.60E+01
Fluoride	50959	2/21/90	IC	<5.00E+02
Fluoride	50959	2/21/90	ISE	9.90E+01
Fluoride	51012	3/05/90	IC	<5.00E+02
Fluoride	51012	3/05/90	ISE	1.75E+02
Fluoride	51091	3/26/90	IC	<5.00E+02
Fluoride	51091	3/26/90	ISE	2.32E+02
Iron	50873	1/03/90	ICP	2.04E+02
Iron	50959	2/21/90	ICP	3.27E+02
Iron	51012	3/05/90	ICP	2.29E+02
Iron	51091	3/26/90	ICP	2.52E+02
Lead (EP Toxic)	25158E	10/03/89	ICP	<5.00E+02
Lead (EP Toxic)	25160E	10/10/89	ICP	<5.00E+02
Lead (EP Toxic)	25162E	10/17/89	ICP	<5.00E+02
Lead (EP Toxic)	25167E	10/24/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25169E	10/31/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25171E	11/07/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25173E	11/14/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25175E	11/21/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25177E	11/28/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25179E	12/05/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25181E	12/12/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25183E	12/19/89	ICP/M	<5.00E+02
Lead (EP Toxic)	25185E	1/02/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25187E	1/09/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25189E	1/16/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25191E	1/23/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25193E	1/30/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25195E	2/06/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25197E	2/13/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25199E	2/20/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25201E	2/27/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25203E	3/06/90	ICP/M	<5.00E+02
Lead (EP Toxic)	25205E	3/13/90	ICP/M	<5.00E+02
Lead (EP Toxic)	50873E	1/03/90	ICP	<5.00E+02
Lead (EP Toxic)	50959E	2/21/90	ICP	<5.00E+02
Lead (EP Toxic)	51012E	3/05/90	ICP	<5.00E+02
Lead (EP Toxic)	51091E	3/26/90	ICP	<5.00E+02
Magnesium	50873	1/03/90	ICP	1.19E+03

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	50959	2/21/90	ICP	2.75E+03
Magnesium	51012	3/05/90	ICP	3.77E+03
Magnesium	51091	3/26/90	ICP	4.91E+03
Manganese	50373	1/03/90	ICP	<5.00E+00
Manganese	50959	2/21/90	ICP	7.00E+00
Manganese	51012	3/05/90	ICP	<5.00E+00
Manganese	51091	3/26/90	ICP	1.00E+01
Mercury (EP Toxic)	25158E	10/03/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25160E	10/10/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25162E	10/17/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25167E	10/24/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25169E	10/31/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25171E	11/07/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25173E	11/14/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25175E	11/21/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25177E	11/28/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25179E	12/05/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25181E	12/12/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25183E	12/19/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25185E	1/02/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25187E	1/09/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25189E	1/16/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25191E	1/23/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25193E	1/30/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25195E	2/06/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25197E	2/13/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25199E	2/20/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25201E	2/27/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25203E	3/06/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	25205E	3/13/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50873E	1/03/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50959E	2/21/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51012E	3/05/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51091E	3/26/90	CVAA/M	<2.00E+01
Nitrate	25160	10/10/89	IC	<5.00E+02
Nitrate	25162	10/17/89	IC	<5.00E+02
Nitrate	25167	10/24/89	IC	7.00E+02
Nitrate	25169	10/31/89	IC	<5.00E+02
Nitrate	25171	11/07/89	IC	6.00E+02
Nitrate	25173	11/14/89	IC	6.00E+02
Nitrate	25175	11/21/89	IC	<5.00E+02
Nitrate	25177	11/28/89	IC	<5.00E+02
Nitrate	25179	12/05/89	IC	<5.00E+02
Nitrate	25181	12/12/89	IC	<5.00E+02
Nitrate	25183	12/19/89	IC	<5.00E+02
Nitrate	25185	1/02/90	IC	<5.00E+02
Nitrate	25187	1/09/90	IC	<5.00E+02
Nitrate	25189	1/16/90	IC	<5.00E+02
Nitrate	25191	1/23/90	IC	<5.00E+02
Nitrate	25193	1/30/90	IC	6.00E+02
Nitrate	25195	2/06/90	IC	<5.00E+02
Nitrate	25197	2/13/90	IC	<5.00E+02
Nitrate	25199	2/20/90	IC	<5.00E+02

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Nitrate	25201	2/27/90	IC	5.00E+02
Nitrate	25203	3/06/90	IC	5.00E+02
Nitrate	25205	3/13/90	IC	6.00E+02
Nitrate	50873	1/03/90	IC	<5.00E+02
Nitrate	50959	2/21/90	IC	<5.00E+02
Nitrate	51012	3/05/90	IC	5.00E+02
Nitrate	51091	3/26/90	IC	<5.00E+02
Potassium	50873	1/03/90	ICP	2.24E+02
Potassium	50959	2/21/90	ICP	3.10E+02
Potassium	51012	3/05/90	ICP	6.12E+02
Potassium	51091	3/26/90	ICP	7.53E+02
Selenium (EP Toxic)	25158E	10/03/89	ICP	<5.00E+02
Selenium (EP Toxic)	25160E	10/10/89	ICP	<5.00E+02
Selenium (EP Toxic)	25162E	10/17/89	ICP	<5.00E+02
Selenium (EP Toxic)	25167E	10/24/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25169E	10/31/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25171E	11/07/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25173E	11/14/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25175E	11/21/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25177E	11/28/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25179E	12/05/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25181E	12/12/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25183E	12/19/89	ICP/M	<5.00E+02
Selenium (EP Toxic)	25185E	1/02/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25187E	1/09/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25189E	1/16/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25191E	1/23/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25193E	1/30/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25195E	2/06/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25197E	2/13/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25199E	2/20/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25201E	2/27/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25203E	3/06/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	25205E	3/13/90	ICP/M	<5.00E+02
Selenium (EP Toxic)	50873E	1/03/90	ICP	<5.00E+02
Selenium (EP Toxic)	50959E	2/21/90	ICP	<5.00E+02
Selenium (EP Toxic)	51012E	3/05/90	ICP	<5.00E+02
Selenium (EP Toxic)	51091E	3/26/90	ICP	<5.00E+02
Silicon	50873	1/03/90	ICP	7.70E+02
Silicon	50959	2/21/90	ICP	1.04E+03
Silicon	51012	3/05/90	ICP	1.94E+03
Silicon	51091	3/26/90	ICP	2.17E+03
Silver (EP Toxic)	25158E	10/03/89	ICP	<5.00E+02
Silver (EP Toxic)	25160E	10/10/89	ICP	<5.00E+02
Silver (EP Toxic)	25162E	10/17/89	ICP	<5.00E+02
Silver (EP Toxic)	25167E	10/24/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25169E	10/31/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25171E	11/07/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25173E	11/14/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25175E	11/21/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25177E	11/28/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25179E	12/05/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25181E	12/12/89	ICP/M	<5.00E+02

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Silver (EP Toxic)	25183E	12/19/89	ICP/M	<5.00E+02
Silver (EP Toxic)	25185E	1/02/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25187E	1/09/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25189E	1/16/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25191E	1/23/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25193E	1/30/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25195E	2/06/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25197E	2/13/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25199E	2/20/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25201E	2/27/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25203E	3/06/90	ICP/M	<5.00E+02
Silver (EP Toxic)	25205E	3/13/90	ICP/M	<5.00E+02
Silver (EP Toxic)	50873E	1/03/90	ICP	<5.00E+02
Silver (EP Toxic)	50959E	2/21/90	ICP	<5.00E+02
Silver (EP Toxic)	51012E	3/05/90	ICP	<5.00E+02
Silver (EP Toxic)	51091E	3/26/90	ICP	<5.00E+02
Sodium	50873	1/03/90	ICP	1.08E+03
Sodium	50959	2/21/90	ICP	9.59E+02
Sodium	51012	3/05/90	ICP	1.87E+03
Sodium	51091	3/26/90	ICP	2.21E+03
Strontium	50873	1/03/90	ICP	2.50E+01
Strontium	50959	2/21/90	ICP	3.70E+01
Strontium	51012	3/05/90	ICP	8.00E+01
Strontium	51091	3/26/90	ICP	9.60E+01
Sulfate	25160	10/10/89	IC	1.00E+04
Sulfate	25162	10/17/89	IC	5.20E+03
Sulfate	25167	10/24/89	IC	9.40E+03
Sulfate	25169	10/31/89	IC	5.70E+03
Sulfate	25171	11/07/89	IC	8.50E+03
Sulfate	25173	11/14/89	IC	1.02E+04
Sulfate	25175	11/21/89	IC	4.30E+03
Sulfate	25177	11/28/89	IC	5.20E+03
Sulfate	25179	12/05/89	IC	1.01E+04
Sulfate	25181	12/12/89	IC	4.70E+03
Sulfate	25183	12/19/89	IC	1.12E+04
Sulfate	25185	1/02/90	IC	4.00E+03
Sulfate	25187	1/09/90	IC	6.80E+03
Sulfate	25189	1/16/90	IC	1.49E+04
Sulfate	25191	1/23/90	IC	1.67E+04
Sulfate	25193	1/30/90	IC	1.72E+04
Sulfate	25195	2/06/90	IC	1.03E+04
Sulfate	25197	2/13/90	IC	4.90E+03
Sulfate	25199	2/20/90	IC	6.30E+03
Sulfate	25201	2/27/90	IC	1.66E+04
Sulfate	25203	3/06/90	IC	1.91E+04
Sulfate	25205	3/13/90	IC	2.12E+04
Sulfate	50873	1/03/90	IC	5.40E+03
Sulfate	50959	2/21/90	IC	7.40E+03
Sulfate	51012	3/05/90	IC	1.80E+04
Sulfate	51091	3/26/90	IC	2.32E+04
Uranium	50873	1/03/90	GEA	<1.06E+00
Uranium	51012	3/05/90	GEA	2.62E+00
Uranium	51091	3/26/90	GEA	2.21E+00

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Zinc	50873	1/03/90	ICP	9.00E+00
Zinc	50959	2/21/90	ICP	1.00E+01
Zinc	51012	3/05/90	ICP	1.10E+01
Zinc	51091	3/26/90	ICP	1.30E+01
Acetone	25158	10/03/89	ABN	<1.00E+01
Acetone	25160	10/10/89	VOA	<1.00E+01
Acetone	25160	10/10/89	ABN	<1.00E+01
Acetone	25162	10/17/89	VOA	1.40E+01
Acetone	25162	10/17/89	ABN	<1.00E+01
Acetone	25167	10/24/89	VOA	<1.00E+01
Acetone	25167	10/24/89	ABN	<1.00E+01
Acetone	25169	10/31/89	VOA	<1.00E+01
Acetone	25169	10/31/89	ABN	<1.00E+01
Acetone	25171	11/07/89	VOA	<1.00E+01
Acetone	25171	11/07/89	ABN	<1.00E+01
Acetone	25173	11/14/89	VOA	<1.00E+01
Acetone	25173	11/14/89	ABN	<1.20E+01
Acetone	25175	11/21/89	VOA	<1.00E+01
Acetone	25175	11/21/89	ABN	<1.16E+01
Acetone	25177	11/28/89	VOA	1.20E+01
Acetone	25177	11/28/89	ABN	<1.00E+01
Acetone	25179	12/05/89	VOA	1.00E+01
Acetone	25179	12/05/89	ABN	<1.00E+01
Acetone	25181	12/12/89	VOA	<1.00E+01
Acetone	25181	12/12/89	ABN	<1.00E+01
Acetone	25183	12/19/89	VOA	3.70E+01
Acetone	25183	12/19/89	ABN	<1.00E+01
Acetone	25185	1/02/90	VOA	<1.00E+01
Acetone	25185	1/02/90	ABN	<1.00E+01
Acetone	25187	1/09/90	VOA	1.10E+01
Acetone	25187	1/09/90	ABN	<1.00E+01
Acetone	25189	1/16/90	VOA	<5.00E+00
Acetone	25189	1/16/90	ABN	<1.00E+01
Acetone	25191	1/23/90	VOA	<1.00E+01
Acetone	25191	1/23/90	ABN	<1.00E+01
Acetone	25193	1/30/90	VOA	<1.00E+01
Acetone	25193	1/30/90	ABN	<1.20E+01
Acetone	25195	2/06/90	VOA	<1.00E+01
Acetone	25195	2/06/90	ABN	<1.12E+01
Acetone	25197	2/13/90	VOA	2.90E+01
Acetone	25197	2/13/90	ABN	<1.00E+01
Acetone	25199	2/20/90	VOA	<1.00E+01
Acetone	25199	2/20/90	ABN	<1.14E+01
Acetone	25201	2/27/90	VOA	1.51E+02
Acetone	25201	2/27/90	ABN	<1.10E+01
Acetone	25203	3/06/90	VOA	<6.00E+00
Acetone	25203	3/06/90	ABN	<1.10E+01
Acetone	25205	3/13/90	VOA	<1.00E+01
Acetone	25205	3/13/90	ABN	<1.30E+01
Acetone	50873	1/03/90	VOA	<1.00E+01
Acetone	50873	1/03/90	ABN	<1.00E+01
Acetone	50873B	1/03/90	VOA	<1.00E+01
Acetone	50959	2/21/90	VOA	<1.00E+01

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50959	2/21/90	ABN	<1.11E+01
Acetone	50959B	2/21/90	VOA	<1.00E+01
Acetone	50959T	2/21/90	VOA	<1.00E+01
Acetone	51012	3/05/90	VOA	<1.00E+01
Acetone	51012	3/05/90	ABN	<1.00E+01
Acetone	51012B	3/05/90	VOA	<1.00E+01
Acetone	51012T	3/05/90	VOA	<1.00E+01
Acetone	51091	3/26/90	VOA	<1.00E+01
Acetone	51091	3/26/90	ABN	<1.00E+01
Acetone	51091B	3/26/90	VOA	<6.00E+00
Acetone	51091T	3/26/90	VOA	<1.00E+01
Ammonia	25158	10/03/89	ISE	1.58E+02
Ammonia	25160	10/10/89	ISE	1.40E+02
Ammonia	25162	10/17/89	ISE	2.47E+02
Ammonia	25167	10/24/89	ISE	3.72E+02
Ammonia	25169	10/31/89	ISE	2.89E+02
Ammonia	25171	11/07/89	ISE	3.45E+02
Ammonia	25173	11/14/89	ISE	<5.00E+01
Ammonia	25175	11/21/89	ISE	1.98E+02
Ammonia	25177	11/28/89	ISE	6.03E+02
Ammonia	25179	12/05/89	ISE	1.91E+02
Ammonia	25181	12/12/89	ISE	2.42E+02
Ammonia	25183	12/19/89	ISE	2.65E+02
Ammonia	25185	1/02/90	ISE	7.50E+01
Ammonia	25187	1/09/90	ISE	7.70E+01
Ammonia	25189	1/16/90	ISE	5.67E+02
Ammonia	25191	1/23/90	ISE	5.50E+01
Ammonia	25193	1/30/90	ISE	4.02E+02
Ammonia	25195	2/06/90	ISE	9.20E+01
Ammonia	25197	2/13/90	ISE	1.24E+02
Ammonia	25199	2/20/90	ISE	1.02E+02
Ammonia	25201	2/27/90	ISE	9.60E+01
Ammonia	25203	3/06/90	ISE	<5.00E+01
Ammonia	25205	3/13/90	ISE	<5.00E+01
Ammonia	50873	1/03/90	ISE	<5.00E+01
Ammonia	50959	2/21/90	ISE	<5.00E+01
Ammonia	51012	3/05/90	ISE	<5.00E+01
Ammonia	51091	3/26/90	ISE	<5.00E+01
Benzoic acid	25203	3/06/90	ABN	1.10E+02
1-Butanol	25203	3/06/90	VOA	3.00E+01
1-Butanol	50873	1/03/90	DIGC	<1.00E+04
1-Butanol	50959	2/21/90	DIGC	<1.00E+04
1-Butanol	51012	3/05/90	VOA	2.40E+01
1-Butanol	51012	3/05/90	DIGC	<1.00E+04
1-Butanol	51091	3/26/90	DIGC	<1.00E+04
2-Butanone	25160	10/10/89	VOA	1.65E+02
2-Butanone	25162	10/17/89	VOA	<1.00E+01
2-Butanone	25167	10/24/89	VOA	<1.00E+01
2-Butanone	25169	10/31/89	VOA	<1.00E+01
2-Butanone	25171	11/07/89	VOA	1.78E+02
2-Butanone	25173	11/14/89	VOA	2.30E+01
2-Butanone	25175	11/21/89	VOA	<7.00E+00
2-Butanone	25177	11/28/89	VOA	<1.00E+01

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
2-Butanone	25179	12/05/89	VOA	<5.00E+00
2-Butanone	25181	12/12/89	VOA	<1.00E+01
2-Butanone	25183	12/19/89	VOA	<8.00E+00
2-Butanone	25185	1/02/90	VOA	<1.00E+01
2-Butanone	25187	1/09/90	VOA	<1.00E+01
2-Butanone	25189	1/16/90	VOA	<1.00E+01
2-Butanone	25191	1/23/90	VOA	<1.00E+01
2-Butanone	25193	1/30/90	VOA	<9.00E+00
2-Butanone	25195	2/06/90	VOA	1.00E+01
2-Butanone	25197	2/13/90	VOA	1.90E+01
2-Butanone	25199	2/20/90	VOA	<1.00E+01
2-Butanone	25201	2/27/90	VOA	1.90E+01
2-Butanone	25203	3/06/90	VOA	1.10E+01
2-Butanone	25205	3/13/90	VOA	2.30E+01
2-Butanone	50873	1/03/90	VOA	<1.00E+01
2-Butanone	50873B	1/03/90	VOA	<1.00E+01
2-Butanone	50959	2/21/90	VOA	<1.00E+01
2-Butanone	50959B	2/21/90	VOA	<1.00E+01
2-Butanone	50959T	2/21/90	VOA	<1.00E+01
2-Butanone	51012	3/05/90	VOA	<1.00E+01
2-Butanone	51012B	3/05/90	VOA	<1.00E+01
2-Butanone	51012T	3/05/90	VOA	<1.00E+01
2-Butanone	51091	3/26/90	VOA	<1.00E+01
2-Butanone	51091B	3/26/90	VOA	<1.00E+01
2-Butanone	51091T	3/26/90	VOA	<1.00E+01
Butylated hydroxy toluene	25193	1/30/90	ABN	1.10E+01
Butylated hydroxy toluene	25195	2/06/90	ABN	2.00E+01
Butylated hydroxy toluene	25197	2/13/90	ABN	8.00E+00
Butylated hydroxy toluene	25199	2/20/90	ABN	8.00E+00
Butylated hydroxy toluene	25201	2/27/90	ABN	8.00E+00
Butylated hydroxy toluene	50959	2/21/90	ABN	9.00E+00
Dichloromethane	25160	10/10/89	VOA	<5.00E+00
Dichloromethane	25162	10/17/89	VOA	<5.00E+00
Dichloromethane	25167	10/24/89	VOA	<5.00E+00
Dichloromethane	25169	10/31/89	VOA	<5.00E+00
Dichloromethane	25171	11/07/89	VOA	<5.00E+00
Dichloromethane	25173	11/14/89	VOA	<5.00E+00
Dichloromethane	25175	11/21/89	VOA	<5.00E+00
Dichloromethane	25177	11/28/89	VOA	<5.00E+00
Dichloromethane	25179	12/05/89	VOA	<5.00E+00
Dichloromethane	25181	12/12/89	VOA	<5.00E+00
Dichloromethane	25183	12/19/89	VOA	<5.00E+00
Dichloromethane	25185	1/02/90	VOA	<5.00E+00
Dichloromethane	25187	1/09/90	VOA	<5.00E+00
Dichloromethane	25189	1/16/90	VOA	<5.00E+00
Dichloromethane	25191	1/23/90	VOA	<5.00E+00
Dichloromethane	25193	1/30/90	VOA	<5.00E+00
Dichloromethane	25195	2/06/90	VOA	<5.00E+00
Dichloromethane	25197	2/13/90	VOA	<5.00E+00
Dichloromethane	25199	2/20/90	VOA	<5.00E+00
Dichloromethane	25201	2/27/90	VOA	<5.00E+00
Dichloromethane	25203	3/06/90	VOA	<5.00E+00
Dichloromethane	25205	3/13/90	VOA	<5.00E+00

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Dichloromethane	50873	1/03/90	VOA	<5.00E+00
Dichloromethane	50873B	1/03/90	VOA	<5.00E+00
Dichloromethane	50959	2/21/90	VOA	<5.00E+00
Dichloromethane	50959B	2/21/90	VOA	<3.00E+00
Dichloromethane	50959T	2/21/90	VOA	<5.00E+00
Dichloromethane	51012	3/05/90	VOA	<5.00E+00
Dichloromethane	51012B	3/05/90	VOA	<5.00E+00
Dichloromethane	51012T	3/05/90	VOA	<5.00E+00
Dichloromethane	51091	3/26/90	VOA	<5.00E+00
Dichloromethane	51091B	3/26/90	VOA	5.00E+00
Dichloromethane	51091T	3/26/90	VOA	<5.00E+00
Hydrazine	25158	10/03/89	SPEC	<3.00E+01
Hydrazine	25160	10/10/89	SPEC	<3.00E+01
Hydrazine	25162	10/17/89	SPEC	4.40E+01
Hydrazine	25167	10/24/89	SPEC	<3.00E+01
Hydrazine	25169	10/31/89	SPEC	<3.00E+01
Hydrazine	25171	11/07/89	SPEC	<3.00E+01
Hydrazine	25173	11/14/89	SPEC	<3.00E+01
Hydrazine	25175	11/21/89	SPEC	<3.00E+01
Hydrazine	25177	11/28/89	SPEC	<3.00E+01
Hydrazine	25179	12/05/89	SPEC	<3.00E+01
Hydrazine	25181	12/12/89	SPEC	<3.00E+01
Hydrazine	25183	12/19/89	SPEC	<3.00E+01
Hydrazine	25185	1/02/90	SPEC	<3.00E+01
Hydrazine	25187	1/09/90	SPEC	<3.00E+01
Hydrazine	25189	1/16/90	SPEC	<3.00E+01
Hydrazine	25191	1/23/90	SPEC	<3.00E+01
Hydrazine	25193	1/30/90	SPEC	<3.00E+01
Hydrazine	25195	2/06/90	SPEC	<3.00E+01
Hydrazine	25197	2/13/90	SPEC	<3.00E+01
Hydrazine	25199	2/20/90	SPEC	<3.00E+01
Hydrazine	25201	2/27/90	SPEC	<3.00E+01
Hydrazine	25203	3/06/90	SPEC	<3.00E+01
Hydrazine	25205	3/13/90	SPEC	<3.00E+01
Hydrazine	50873	1/03/90	SPEC	<3.00E+01
Hydrazine	50959	2/21/90	SPEC	<3.00E+01
Hydrazine	51012	3/05/90	SPEC	<3.00E+01
Hydrazine	51091	3/26/90	SPEC	<3.00E+01
MIBK (Hexone)	25160	10/10/89	VOA	<1.00E+01
MIBK (Hexone)	25162	10/17/89	VOA	<1.00E+01
MIBK (Hexone)	25167	10/24/89	VOA	<1.00E+01
MIBK (Hexone)	25169	10/31/89	VOA	<1.00E+01
MIBK (Hexone)	25171	11/07/89	VOA	<1.00E+01
MIBK (Hexone)	25173	11/14/89	VOA	<1.00E+01
MIBK (Hexone)	25175	11/21/89	VOA	<1.00E+01
MIBK (Hexone)	25177	11/28/89	VOA	<1.00E+01
MIBK (Hexone)	25179	12/05/89	VOA	<1.00E+01
MIBK (Hexone)	25181	12/12/89	VOA	<1.00E+01
MIBK (Hexone)	25183	12/19/89	VOA	<1.00E+01
MIBK (Hexone)	25185	1/02/90	VOA	<1.00E+01
MIBK (Hexone)	25187	1/09/90	VOA	<1.00E+01
MIBK (Hexone)	25189	1/16/90	VOA	<1.00E+01
MIBK (Hexone)	25191	1/23/90	VOA	<1.00E+01

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
MIBK (Hexone)	25193	1/30/90	VOA	1.30E+01
MIBK (Hexone)	25195	2/06/90	VOA	<1.00E+01
MIBK (Hexone)	25197	2/13/90	VOA	<1.00E+01
MIBK (Hexone)	25199	2/20/90	VOA	<1.00E+01
MIBK (Hexone)	25201	2/27/90	VOA	<1.00E+01
MIBK (Hexone)	25203	3/06/90	VOA	<1.00E+01
MIBK (Hexone)	25205	3/13/90	VOA	<1.00E+01
MIBK (Hexone)	50873	1/03/90	VOA	<1.00E+01
MIBK (Hexone)	50873B	1/03/90	VOA	<1.00E+01
MIBK (Hexone)	50959	2/21/90	VOA	<1.00E+01
MIBK (Hexone)	50959B	2/21/90	VOA	<1.00E+01
MIBK (Hexone)	50959T	2/21/90	VOA	<1.00E+01
MIBK (Hexone)	51012	3/05/90	VOA	<1.00E+01
MIBK (Hexone)	51012B	3/05/90	VOA	<1.00E+01
MIBK (Hexone)	51012T	3/05/90	VOA	<1.00E+01
MIBK (Hexone)	51091	3/26/90	VOA	<1.00E+01
MIBK (Hexone)	51091B	3/26/90	VOA	<1.00E+01
MIBK (Hexone)	51091T	3/26/90	VOA	<1.00E+01
Toluene	25160	10/10/89	VOA	<5.00E+00
Toluene	25162	10/17/89	VOA	<5.00E+00
Toluene	25167	10/24/89	VOA	<5.00E+00
Toluene	25169	10/31/89	VOA	<5.00E+00
Toluene	25171	11/07/89	VOA	<5.00E+00
Toluene	25173	11/14/89	VOA	<5.00E+00
Toluene	25175	11/21/89	VOA	<3.00E+00
Toluene	25177	11/28/89	VOA	<5.00E+00
Toluene	25179	12/05/89	VOA	5.00E+00
Toluene	25181	12/12/89	VOA	1.00E+01
Toluene	25183	12/19/89	VOA	<4.00E+00
Toluene	25185	1/02/90	VOA	<5.00E+00
Toluene	25187	1/09/90	VOA	<5.00E+00
Toluene	25189	1/16/90	VOA	<5.00E+00
Toluene	25191	1/23/90	VOA	<5.00E+00
Toluene	25193	1/30/90	VOA	<5.00E+00
Toluene	25195	2/06/90	VOA	<5.00E+00
Toluene	25197	2/13/90	VOA	<5.00E+00
Toluene	25199	2/20/90	VOA	<5.00E+00
Toluene	25201	2/27/90	VOA	<5.00E+00
Toluene	25203	3/06/90	VOA	<5.00E+00
Toluene	25205	3/13/90	VOA	<5.00E+00
Toluene	50873	1/03/90	VOA	<5.00E+00
Toluene	50873B	1/03/90	VOA	<5.00E+00
Toluene	50959	2/21/90	VOA	<5.00E+00
Toluene	50959B	2/21/90	VOA	<5.00E+00
Toluene	50959T	2/21/90	VOA	<5.00E+00
Toluene	51012	3/05/90	VOA	<5.00E+00
Toluene	51012B	3/05/90	VOA	<5.00E+00
Toluene	51012T	3/05/90	VOA	<5.00E+00
Toluene	51091	3/26/90	VOA	<5.00E+00
Toluene	51091B	3/26/90	VOA	<5.00E+00
Toluene	51091T	3/26/90	VOA	<5.00E+00
Trichloromethane	25160	10/10/89	VOA	<5.00E+00
Trichloromethane	25162	10/17/89	VOA	9.00E+00

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	25167	10/24/89	VOA	8.00E+00
Trichloromethane	25169	10/31/89	VOA	6.00E+00
Trichloromethane	25171	11/07/89	VOA	<4.00E+00
Trichloromethane	25173	11/14/89	VOA	5.00E+00
Trichloromethane	25175	11/21/89	VOA	<5.00E+00
Trichloromethane	25177	11/28/89	VOA	<4.00E+00
Trichloromethane	25179	12/05/89	VOA	<4.00E+00
Trichloromethane	25181	12/12/89	VOA	<4.00E+00
Trichloromethane	25183	12/19/89	VOA	<3.00E+00
Trichloromethane	25185	1/02/90	VOA	<5.00E+00
Trichloromethane	25187	1/09/90	VOA	<5.00E+00
Trichloromethane	25189	1/16/90	VOA	<5.00E+00
Trichloromethane	25191	1/23/90	VOA	<5.00E+00
Trichloromethane	25193	1/30/90	VOA	<5.00E+00
Trichloromethane	25195	2/06/90	VOA	<3.00E+00
Trichloromethane	25197	2/13/90	VOA	<5.00E+00
Trichloromethane	25199	2/20/90	VOA	<5.00E+00
Trichloromethane	25201	2/27/90	VOA	<3.00E+00
Trichloromethane	25203	3/06/90	VOA	<3.00E+00
Trichloromethane	25205	3/13/90	VOA	<5.00E+00
Trichloromethane	50873	1/03/90	VOA	<5.00E+00
Trichloromethane	50873B	1/03/90	VOA	<5.00E+00
Trichloromethane	50959	2/21/90	VOA	<5.00E+00
Trichloromethane	50959B	2/21/90	VOA	6.00E+00
Trichloromethane	50959T	2/21/90	VOA	6.00E+00
Trichloromethane	51012	3/05/90	VOA	<5.00E+00
Trichloromethane	51012B	3/05/90	VOA	<5.00E+00
Trichloromethane	51012T	3/05/90	VOA	<5.00E+00
Trichloromethane	51091	3/26/90	VOA	<5.00E+00
Trichloromethane	51091B	3/26/90	VOA	<4.00E+00
Trichloromethane	51091T	3/26/90	VOA	6.00E+00
Unknown	25160	10/10/89	ABN	9.50E+01
Unknown	25173	11/14/89	ABN	2.40E+01
Unknown	25191	1/23/90	ABN	2.20E+01
Unknown glycol	25203	3/06/90	ABN	2.80E+01
Unknown hydrocarbon	25191	1/23/90	ABN	1.90E+02
Unknown oxygenated PAH	25203	3/06/90	ABN	9.00E+00
Unknown phthalate	25197	2/13/90	ABN	9.00E+00
Alkalinity (Method B)	25167	10/24/89	TITRA	3.40E+04
Alkalinity (Method B)	25169	10/31/89	TITRA	2.10E+04
Alkalinity (Method B)	25171	11/07/89	TITRA	2.60E+04
Alkalinity (Method B)	25173	11/14/89	TITRA	3.20E+04
Alkalinity (Method B)	25175	11/21/89	TITRA	<2.00E+04
Alkalinity (Method B)	25177	11/28/89	TITRA	<2.00E+04
Alkalinity (Method B)	25179	12/05/89	TITRA	3.00E+04
Alkalinity (Method B)	25181	12/12/89	TITRA	<2.00E+04
Alkalinity (Method B)	25183	12/19/89	TITRA	2.40E+04
Alkalinity (Method B)	25185	1/02/90	TITRA	<2.00E+04
Alkalinity (Method B)	25187	1/09/90	TITRA	<2.00E+04
Alkalinity (Method B)	25189	1/16/90	TITRA	4.10E+04
Alkalinity (Method B)	25191	1/23/90	TITRA	4.90E+04
Alkalinity (Method B)	25193	1/30/90	TITRA	5.60E+04
Alkalinity (Method B)	25195	2/06/90	TITRA	2.70E+04

DATA FOR N Reactor Effluent
Continued

Constituent	Sample #	Date	Method	Result
Alkalinity (Method B)	25197	2/13/90	TITRA	<2.00E+04
Alkalinity (Method B)	25199	2/20/90	TITRA	<2.00E+04
Alkalinity (Method B)	25201	2/27/90	TITRA	6.50E+04
Alkalinity (Method B)	25203	3/06/90	TITRA	4.10E+04
Alkalinity (Method B)	25205	3/13/90	TITRA	4.90E+04
Alkalinity (Method B)	50873	1/03/90	TITRA	<2.00E+04
Alkalinity (Method B)	50959	2/21/90	TITRA	2.40E+04
Alkalinity (Method B)	51012	3/05/90	TITRA	3.90E+04
Alkalinity (Method B)	51091	3/26/90	TITRA	4.80E+04
Alpha Activity (pCi/L)	50873	1/03/90	Alpha	7.76E+00
Alpha Activity (pCi/L)	51012	3/05/90	Alpha	3.93E+01
Alpha Activity (pCi/L)	51091	3/26/90	Alpha	4.12E+01
Beta Activity (pCi/L)	50873	1/03/90	Beta	1.25E+04
Beta Activity (pCi/L)	51012	3/05/90	Beta	1.70E+05
Beta Activity (pCi/L)	51091	3/26/90	Beta	2.83E+04
Conductivity (uS)	50873	1/03/90	COND-Fld	5.60E+01
Conductivity (uS)	50959	2/21/90	COND-Fld	6.00E+01
Conductivity (uS)	51012	3/05/90	COND-Fld	1.57E+02
Conductivity (uS)	51091	3/26/90	COND-Fld	1.50E+02
Ingitability (degrees F)	50873E	1/03/90	IGNIT	2.12E+02
Ingitability (degrees F)	50959E	2/21/90	IGNIT	2.14E+02
Ingitability (degrees F)	51012E	3/05/90	IGNIT	2.10E+02
Ingitability (degrees F)	51091E	3/26/90	IGNIT	1.94E+02
pH (dimensionless)	25160	10/10/89	PH-Lab	7.90E+00
pH (dimensionless)	25162	10/17/89	PH-Lab	7.30E+00
pH (dimensionless)	25167	10/24/89	PH-Lab	7.30E+00
pH (dimensionless)	25169	10/31/89	PH-Lab	7.40E+00
pH (dimensionless)	25171	11/07/89	PH-Lab	7.30E+00
pH (dimensionless)	25173	11/14/89	PH-Lab	7.30E+00
pH (dimensionless)	25175	11/21/89	PH-Lab	6.90E+00
pH (dimensionless)	25177	11/28/89	PH-Lab	7.10E+00
pH (dimensionless)	25179	12/05/89	PH-Lab	7.00E+00
pH (dimensionless)	25181	12/12/89	PH-Lab	6.80E+00
pH (dimensionless)	25183	12/19/89	PH-Lab	7.00E+00
pH (dimensionless)	25185	1/02/90	PH-Lab	6.90E+00
pH (dimensionless)	25187	1/09/90	PH-Lab	7.30E+00
pH (dimensionless)	25189	1/16/90	PH-Lab	7.30E+00
pH (dimensionless)	25191	1/23/90	PH-Lab	7.70E+00
pH (dimensionless)	25193	1/30/90	PH-Lab	7.50E+00
pH (dimensionless)	25195	2/06/90	PH-Lab	7.20E+00
pH (dimensionless)	25197	2/13/90	PH-Lab	7.10E+00
pH (dimensionless)	25199	2/20/90	PH-Lab	6.90E+00
pH (dimensionless)	25201	2/27/90	PH-Lab	7.40E+00
pH (dimensionless)	25203	3/06/90	PH-Lab	7.50E+00
pH (dimensionless)	25205	3/13/90	PH-Lab	7.60E+00
pH (dimensionless)	50873	1/03/90	PH-Fld	7.30E+00
pH (dimensionless)	50959	2/21/90	PH-Fld	7.10E+00
pH (dimensionless)	51012	3/05/90	PH-Fld	7.15E+00
pH (dimensionless)	51091	3/26/90	PH-Fld	8.00E+00
Reactivity Cyanide (mg/kg)	50873E	1/03/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50959E	2/21/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51012E	3/05/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51091E	3/26/90	DSPEC	<1.00E+02

DATA FOR N Reactor Effluent
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Constituent	Sample #	Date	Method	Result
Reactivity Sulfide (mg/kg)	50873E	1/03/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50959E	2/21/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51012E	3/05/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51091E	3/26/90	DTITRA	<1.00E+02
TDS (mg/L)	25175	11/21/89	TDS	6.00E+03
TDS (mg/L)	25177	11/28/89	TDS	3.30E+04
TDS (mg/L)	25179	12/05/89	TDS	4.10E+04
TDS (mg/L)	25181	12/12/89	TDS	6.00E+03
TDS (mg/L)	25183	12/19/89	TDS	4.80E+04
TDS (mg/L)	25185	1/02/90	TDS	1.00E+04
TDS (mg/L)	25187	1/09/90	TDS	3.00E+04
TDS (mg/L)	25189	1/16/90	TDS	5.70E+04
TDS (mg/L)	25191	1/23/90	TDS	4.70E+04
TDS (mg/L)	25193	1/30/90	TDS	7.60E+04
TDS (mg/L)	25195	2/06/90	TDS	3.80E+04
TDS (mg/L)	25197	2/13/90	TDS	1.70E+04
TDS (mg/L)	25199	2/20/90	TDS	1.60E+04
TDS (mg/L)	25201	2/27/90	TDS	6.70E+04
TDS (mg/L)	25203	3/06/90	TDS	7.30E+04
TDS (mg/L)	25205	3/13/90	TDS	7.50E+04
TDS (mg/L)	50873	1/03/90	TDS	1.40E+04
TDS (mg/L)	50959	2/21/90	TDS	1.30E+04
TDS (mg/L)	51012	3/05/90	TDS	6.20E+04
TDS (mg/L)	51091	3/26/90	TDS	6.60E+04
Temperature (degrees C)	50873	1/03/90	TEMP-Fld	1.92E+01
Temperature (degrees C)	50959	2/21/90	TEMP-Fld	1.80E+01
Temperature (degrees C)	51012	3/05/90	TEMP-Fld	1.33E+01
Temperature (degrees C)	51091	3/26/90	TEMP-Fld	1.25E+01
TOC (ug/g)	50873	1/03/90	TOC	<6.00E+02
TOC (ug/g)	50959	2/21/90	TOC	<6.00E+02
TOC (ug/g)	51012	3/05/90	TOC	1.00E+03
TOC (ug/g)	51091	3/26/90	TOC	<7.00E+02
Total Carbon (ug/g)	50873	1/03/90	TC	4.30E+03
Total Carbon (ug/g)	50959	2/21/90	TC	5.90E+03
Total Carbon (ug/g)	51012	3/05/90	TC	1.09E+04
Total Carbon (ug/g)	51091	3/26/90	TC	1.30E+04
TOX (ug (Cl)/L)	50873	1/03/90	LTOX	1.60E+01
TOX (ug (Cl)/L)	50959	2/21/90	LTOX	<9.00E+00
TOX (ug (Cl)/L)	51012	3/05/90	LTOX	2.00E+01
TOX (ug (Cl)/L)	51091	3/26/90	LTOX	2.70E+01
Am-241 (pCi/L)	50873	1/03/90	AEA	7.24E+01
Am-241 (pCi/L)	51012	3/05/90	AEA	1.55E+01
Am-241 (pCi/L)	51091	3/26/90	AEA	1.64E+01
Cm-242 (pCi/L)	50873	1/03/90	AEA	2.73E-01
Cm-242 (pCi/L)	51091	3/26/90	AEA	<6.17E-02
Cm-244 (pCi/L)	50873	1/03/90	AEA	9.24E-01
Cm-244 (pCi/L)	51012	3/05/90	AEA	<9.26E-02
Cm-244 (pCi/L)	51091	3/26/90	AEA	8.75E-02
Co-60 (pCi/L)	50873	1/03/90	GEA	1.61E+02
Co-60 (pCi/L)	51012	3/05/90	GEA	5.23E+02
Co-60 (pCi/L)	51091	3/26/90	GEA	6.23E+02
Cs-134 (pCi/L)	50873	1/03/90	GEA	7.07E+01
Cs-134 (pCi/L)	51091	3/26/90	GEA	1.18E+02

DATA FOR N Reactor Effluent
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Constituent	Sample #	Date	Method	Result
Cs-137 (pCi/L)	50873	1/03/90	GEA	7.44E+03
Cs-137 (pCi/L)	51012	3/05/90	GEA	4.83E+04
Cs-137 (pCi/L)	51091	3/26/90	GEA	1.31E+04
C-14 (pCi/L)	50873	1/03/90	LSC	<5.41E-01
C-14 (pCi/L)	51012	3/05/90	LSC	<1.91E+00
C-14 (pCi/L)	51091	3/26/90	LSC	4.21E+00
H-3 (pCi/L)	50873	1/03/90	LSC	1.56E+05
H-3 (pCi/L)	51012	3/05/90	LSC	1.50E+05
H-3 (pCi/L)	51091	3/26/90	LSC	4.76E+02
Mn-54 (pCi/L)	50873	1/03/90	GEA	6.31E+01
Mn-54 (pCi/L)	51012	3/05/90	GEA	3.08E+02
Mn-54 (pCi/L)	51091	3/26/90	GEA	5.86E+02
Pb-210 (pCi/L)	50873	1/03/90	GEA	3.07E+00
Pb-210 (pCi/L)	51012	3/05/90	GEA	<3.58E-01
Pb-210 (pCi/L)	51091	3/26/90	GEA	<2.23E-01
Pu-238 (pCi/L)	50873	1/03/90	AEA	1.11E+01
Pu-238 (pCi/L)	51012	3/05/90	AEA	2.79E+00
Pu-238 (pCi/L)	51091	3/26/90	AEA	5.77E-01
Pu-239/240 (pCi/L)	50873	1/03/90	AEA	6.83E+01
Pu-239/240 (pCi/L)	51012	3/05/90	AEA	2.25E+01
Pu-239/240 (pCi/L)	51091	3/26/90	AEA	1.78E+01
Radium Total (pCi/L)	50873	1/03/90	Alpha-Ra	2.27E-01
Radium Total (pCi/L)	51091	3/26/90	Alpha-Ra	<1.28E-01
Ru-106 (pCi/L)	50873	1/03/90	GEA	<5.63E+01
Ru-106 (pCi/L)	51012	3/05/90	GEA	8.70E+02
Sr-90 (pCi/L)	50873	1/03/90	Beta	1.14E+05
Sr-90 (pCi/L)	51012	3/05/90	Beta	5.41E+04
U-234 (pCi/L)	50873	1/03/90	AEA	1.53E+00
U-234 (pCi/L)	51012	3/05/90	AEA	1.42E+00
U-234 (pCi/L)	51091	3/26/90	AEA	1.06E+00
U-235 (pCi/L)	50873	1/03/90	AEA	2.10E-01
U-235 (pCi/L)	51012	3/05/90	AEA	8.86E-02
U-235 (pCi/L)	51091	3/26/90	AEA	1.53E-01
U-238 (pCi/L)	50873	1/03/90	AEA	8.93E-01
U-238 (pCi/L)	51012	3/05/90	AEA	1.12E+00
U-238 (pCi/L)	51091	3/26/90	AEA	7.23E-01

DATA FOR 163-N Demineralizer Plant Wastewater-Demineralizer Bypass

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50869E	1/03/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50923E	2/09/90	ICP	<5.00E+02
Barium	50869	1/03/90	ICP	2.50E+01
Barium	50923	2/09/90	ICP	2.00E+01
Barium (EP Toxic)	50869E	1/03/90	ICP	<1.00E+03
Barium (EP Toxic)	50923E	2/09/90	ICP	<1.00E+03
Boron	50869	1/03/90	ICP	1.30E+01
Boron	50923	2/09/90	ICP	4.40E+01
Cadmium (EP Toxic)	50869E	1/03/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50923E	2/09/90	ICP	<1.00E+02
Calcium	50869	1/03/90	ICP	1.53E+04
Calcium	50923	2/09/90	ICP	1.31E+04
Chloride	50869	1/03/90	IC	1.40E+03
Chloride	50923	2/09/90	IC	1.10E+03
Chromium (EP Toxic)	50869E	1/03/90	ICP	<5.00E+02
Chromium (EP Toxic)	50923E	2/09/90	ICP	<5.00E+02
Fluoride	50869	1/03/90	IC	<5.00E+02
Fluoride	50869	1/03/90	ISE	1.74E+02
Fluoride	50923	2/09/90	IC	<5.00E+02
Fluoride	50923	2/09/90	ISE	1.66E+02
Lead (EP Toxic)	50869E	1/03/90	ICP	<5.00E+02
Lead (EP Toxic)	50923E	2/09/90	ICP	<5.00E+02
Magnesium	50869	1/03/90	ICP	3.70E+03
Magnesium	50923	2/09/90	ICP	3.19E+03
Mercury (EP Toxic)	50869E	1/03/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50923E	2/09/90	CVAA/M	<2.00E+01
Nitrate	50869	1/03/90	IC	5.00E+02
Nitrate	50923	2/09/90	IC	<5.00E+02
Potassium	50869	1/03/90	ICP	5.38E+02
Potassium	50923	2/09/90	ICP	4.84E+02
Selenium (EP Toxic)	50869E	1/03/90	ICP	<5.00E+02
Selenium (EP Toxic)	50923E	2/09/90	ICP	<5.00E+02
Silicon	50869	1/03/90	ICP	1.96E+03
Silicon	50923	2/09/90	ICP	1.76E+03
Silver (EP Toxic)	50869E	1/03/90	ICP	<5.00E+02
Silver (EP Toxic)	50923E	2/09/90	ICP	<5.00E+02
Sodium	50869	1/03/90	ICP	2.78E+03
Sodium	50923	2/09/90	ICP	1.60E+03
Strontium	50869	1/03/90	ICP	7.00E+01
Strontium	50923	2/09/90	ICP	6.20E+01
Sulfate	50869	1/03/90	IC	1.74E+04
Sulfate	50923	2/09/90	IC	1.43E+04
Zinc	50869	1/03/90	ICP	1.30E+01
Zinc	50923	2/09/90	ICP	1.10E+01
Ammonia	50869	1/03/90	ISE	1.60E+02
Ammonia	50923	2/09/90	ISE	3.12E+02
2-Butanone	50869	1/03/90	VOA	<1.00E+01
2-Butanone	50869B	1/03/90	VOA	1.40E+01
2-Butanone	50869T	1/03/90	VOA	1.50E+01
2-Butanone	50923	2/09/90	VOA	<1.00E+01
2-Butanone	50923B	2/09/90	VOA	<6.00E+00
2-Butanone	50923T	2/09/90	VOA	<6.00E+00
Dichloromethane	50869	1/03/90	VOA	<5.00E+00

DATA FOR 163-N Demineralizer Plant Wastewater-Demineralizer Bypass
Continued

Constituent	Sample #	Date	Method	Result
Dichloromethane	50869B	1/03/90	VOA	<5.00E+00
Dichloromethane	50869T	1/03/90	VOA	1.30E+01
Dichloromethane	50923	2/09/90	VOA	<5.00E+00
Dichloromethane	50923B	2/09/90	VOA	<5.00E+00
Dichloromethane	50923T	2/09/90	VOA	<5.00E+00
Hydrazine	50869	1/03/90	SPEC	<3.00E+01
Hydrazine	50923	2/09/90	SPEC	8.80E+01
Trichloromethane	50869	1/03/90	VOA	1.10E+01
Trichloromethane	50869B	1/03/90	VOA	<3.00E+00
Trichloromethane	50869T	1/03/90	VOA	<5.00E+00
Trichloromethane	50923	2/09/90	VOA	1.10E+01
Trichloromethane	50923B	2/09/90	VOA	<5.00E+00
Trichloromethane	50923T	2/09/90	VOA	<5.00E+00
Alkalinity (Method B)	50869	1/03/90	TITRA	4.10E+04
Alkalinity (Method B)	50923	2/09/90	TITRA	3.70E+04
Beta Activity (pCi/L)	50869	1/03/90	Beta	2.85E+01
Conductivity (uS)	50869	1/03/90	COND-Fld	1.43E+02
Conductivity (uS)	50923	2/09/90	COND-Fld	1.22E+02
Ignitability (degrees F)	50869E	1/03/90	IGNIT	2.12E+02
Ignitability (degrees F)	50923E	2/09/90	IGNIT	2.06E+02
pH (dimensionless)	50869	1/03/90	PH-Fld	6.45E+00
pH (dimensionless)	50923	2/09/90	PH-Fld	6.25E+00
Reactivity Cyanide (mg/kg)	50869E	1/03/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50923E	2/09/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50869E	1/03/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50923E	2/09/90	DTITRA	<1.00E+02
TDS (mg/L)	50869	1/03/90	TDS	3.60E+04
TDS (mg/L)	50923	2/09/90	TDS	5.80E+04
Temperature (degrees C)	50869	1/03/90	TEMP-Fld	2.23E+01
Temperature (degrees C)	50923	2/09/90	TEMP-Fld	2.31E+01
Total Carbon (ug/g)	50869	1/03/90	TC	1.68E+04
Total Carbon (ug/g)	50923	2/09/90	TC	1.40E+04
TOX (ug (Cl)/L)	50869	1/03/90	LTOX	4.80E+01
TOX (ug (Cl)/L)	50923	2/09/90	LTOX	3.80E+01
Cs-137 (pCi/L)	50869	1/03/90	GEA	1.29E+01

DATA FOR PUREX Cooling Water

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50725E	10/25/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50748E	11/02/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50764E	11/14/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50903E	1/26/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50943E	2/16/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50967E	2/22/90	ICP	<5.00E+02
Barium	50725	10/25/89	ICP	3.10E+01
Barium	50748	11/02/89	ICP	3.20E+01
Barium	50764	11/14/89	ICP	3.20E+01
Barium	50903	1/26/90	ICP	3.20E+01
Barium	50943	2/16/90	ICP	2.80E+01
Barium	50967	2/22/90	ICP	2.80E+01
Barium (EP Toxic)	50725E	10/25/89	ICP	<1.00E+03
Barium (EP Toxic)	50748E	11/02/89	ICP	<1.00E+03
Barium (EP Toxic)	50764E	11/14/89	ICP	<1.00E+03
Barium (EP Toxic)	50903E	1/26/90	ICP	<1.00E+03
Barium (EP Toxic)	50943E	2/16/90	ICP	<1.00E+03
Barium (EP Toxic)	50967E	2/22/90	ICP	<1.00E+03
Boron	50725	10/25/89	ICP	1.50E+01
Boron	50748	11/02/89	ICP	1.30E+01
Boron	50764	11/14/89	ICP	<1.00E+01
Boron	50903	1/26/90	ICP	1.20E+01
Boron	50943	2/16/90	ICP	3.90E+01
Boron	50967	2/22/90	ICP	2.20E+01
Cadmium (EP Toxic)	50725E	10/25/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50748E	11/02/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50764E	11/14/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50903E	1/26/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50943E	2/16/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50967E	2/22/90	ICP	<1.00E+02
Calcium	50725	10/25/89	ICP	1.96E+04
Calcium	50748	11/02/89	ICP	1.93E+04
Calcium	50764	11/14/89	ICP	1.88E+04
Calcium	50903	1/26/90	ICP	1.99E+04
Calcium	50943	2/16/90	ICP	1.85E+04
Calcium	50967	2/22/90	ICP	1.87E+04
Chloride	50725	10/25/89	IC	1.20E+03
Chloride	50748	11/02/89	IC	1.00E+03
Chloride	50764	11/14/89	IC	1.10E+03
Chloride	50903	1/26/90	IC	1.30E+03
Chloride	50943	2/16/90	IC	9.00E+02
Chloride	50967	2/22/90	IC	8.00E+02
Chromium (EP Toxic)	50725E	10/25/89	ICP	<5.00E+02
Chromium (EP Toxic)	50748E	11/02/89	ICP	<5.00E+02
Chromium (EP Toxic)	50764E	11/14/89	ICP	<5.00E+02
Chromium (EP Toxic)	50903E	1/26/90	ICP	<5.00E+02
Chromium (EP Toxic)	50943E	2/16/90	ICP	<5.00E+02
Chromium (EP Toxic)	50967E	2/22/90	ICP	<5.00E+02
Copper	50725	10/25/89	ICP	<1.00E+01
Copper	50748	11/02/89	ICP	1.30E+01
Copper	50764	11/14/89	ICP	<1.00E+01
Copper	50903	1/26/90	ICP	<1.00E+01
Copper	50943	2/16/90	ICP	<1.00E+01

DATA FOR PUREX Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Copper	50967	2/22/90	ICP	<1.00E+01
Fluoride	50725	10/25/89	IC	<5.00E+02
Fluoride	50725	10/25/89	ISE	1.55E+02
Fluoride	50748	11/02/89	IC	<5.00E+02
Fluoride	50748	11/02/89	ISE	1.58E+02
Fluoride	50764	11/14/89	IC	<5.00E+02
Fluoride	50764	11/14/89	ISE	1.25E+02
Fluoride	50903	1/26/90	IC	<5.00E+02
Fluoride	50903	1/26/90	ISE	1.30E+02
Fluoride	50943	2/16/90	IC	<5.00E+02
Fluoride	50943	2/16/90	ISE	1.27E+02
Fluoride	50967	2/22/90	IC	<5.00E+02
Fluoride	50967	2/22/90	ISE	1.18E+02
Iron	50725	10/25/89	ICP	3.30E+01
Iron	50748	11/02/89	ICP	5.10E+01
Iron	50764	11/14/89	ICP	4.30E+01
Iron	50903	1/26/90	ICP	4.70E+01
Iron	50943	2/16/90	ICP	5.10E+01
Iron	50967	2/22/90	ICP	6.00E+01
Lead (EP Toxic)	50725E	10/25/89	ICP	<5.00E+02
Lead (EP Toxic)	50748E	11/02/89	ICP	<5.00E+02
Lead (EP Toxic)	50764E	11/14/89	ICP	<5.00E+02
Lead (EP Toxic)	50903E	1/26/90	ICP	<5.00E+02
Lead (EP Toxic)	50943E	2/16/90	ICP	<5.00E+02
Lead (EP Toxic)	50967E	2/22/90	ICP	<5.00E+02
Magnesium	50725	10/25/89	ICP	4.26E+03
Magnesium	50748	11/02/89	ICP	4.44E+03
Magnesium	50764	11/14/89	ICP	4.21E+03
Magnesium	50903	1/26/90	ICP	4.60E+03
Magnesium	50943	2/16/90	ICP	4.41E+03
Magnesium	50967	2/22/90	ICP	4.42E+03
Manganese	50725	10/25/89	ICP	<5.00E+00
Manganese	50748	11/02/89	ICP	8.00E+00
Manganese	50764	11/14/89	ICP	6.00E+00
Manganese	50903	1/26/90	ICP	<5.00E+00
Manganese	50943	2/16/90	ICP	<5.00E+00
Manganese	50967	2/22/90	ICP	8.00E+00
Mercury (EP Toxic)	50725E	10/25/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50748E	11/02/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50764E	11/14/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50903E	1/26/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50943E	2/16/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50967E	2/22/90	CVAA/M	<2.00E+01
Nitrate	50725	10/25/89	IC	6.00E+02
Nitrate	50748	11/02/89	IC	7.00E+02
Nitrate	50764	11/14/89	IC	<5.00E+02
Nitrate	50903	1/26/90	IC	6.00E+02
Nitrate	50943	2/16/90	IC	5.00E+02
Nitrate	50967	2/22/90	IC	6.00E+02
Potassium	50725	10/25/89	ICP	7.78E+02
Potassium	50748	11/02/89	ICP	8.11E+02
Potassium	50764	11/14/89	ICP	7.24E+02
Potassium	50903	1/26/90	ICP	7.09E+02

DATA FOR PUREX Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Potassium	50943	2/16/90	ICP	7.29E+02
Potassium	50967	2/22/90	ICP	7.40E+02
Selenium (EP Toxic)	50725E	10/25/89	ICP	<5.00E+02
Selenium (EP Toxic)	50748E	11/02/89	ICP	<5.00E+02
Selenium (EP Toxic)	50764E	11/14/89	ICP	<5.00E+02
Selenium (EP Toxic)	50903E	1/26/90	ICP	<5.00E+02
Selenium (EP Toxic)	50943E	2/16/90	ICP	<5.00E+02
Selenium (EP Toxic)	50967E	2/22/90	ICP	<5.00E+02
Silicon	50725	10/25/89	ICP	2.56E+03
Silicon	50748	11/02/89	ICP	2.54E+03
Silicon	50764	11/14/89	ICP	2.26E+03
Silicon	50903	1/26/90	ICP	2.58E+03
Silicon	50943	2/16/90	ICP	2.55E+03
Silicon	50967	2/22/90	ICP	2.43E+03
Silver (EP Toxic)	50725E	10/25/89	ICP	<5.00E+02
Silver (EP Toxic)	50748E	11/02/89	ICP	<5.00E+02
Silver (EP Toxic)	50764E	11/14/89	ICP	<5.00E+02
Silver (EP Toxic)	50903E	1/26/90	ICP	<5.00E+02
Silver (EP Toxic)	50943E	2/16/90	ICP	<5.00E+02
Silver (EP Toxic)	50967E	2/22/90	ICP	<5.00E+02
Sodium	50725	10/25/89	ICP	2.29E+03
Sodium	50748	11/02/89	ICP	2.23E+03
Sodium	50764	11/14/89	ICP	2.08E+03
Sodium	50903	1/26/90	ICP	2.17E+03
Sodium	50943	2/16/90	ICP	2.03E+03
Sodium	50967	2/22/90	ICP	1.97E+03
Strontium	50725	10/25/89	ICP	1.00E+02
Strontium	50748	11/02/89	ICP	1.03E+02
Strontium	50764	11/14/89	ICP	1.01E+02
Strontium	50903	1/26/90	ICP	9.00E+01
Strontium	50943	2/16/90	ICP	9.10E+01
Strontium	50967	2/22/90	ICP	9.60E+01
Sulfate	50725	10/25/89	IC	1.10E+04
Sulfate	50748	11/02/89	IC	1.03E+04
Sulfate	50764	11/14/89	IC	1.00E+04
Sulfate	50903	1/26/90	IC	1.13E+04
Sulfate	50943	2/16/90	IC	1.02E+04
Sulfate	50967	2/22/90	IC	1.02E+04
Uranium	50725	10/25/89	GEA	5.21E-01
Uranium	50748	11/02/89	GEA	5.26E-01
Uranium	50764	11/14/89	GEA	4.89E-01
Zinc	50725	10/25/89	ICP	5.00E+00
Zinc	50748	11/02/89	ICP	<5.00E+00
Zinc	50764	11/14/89	ICP	9.00E+00
Zinc	50903	1/26/90	ICP	6.00E+00
Zinc	50943	2/16/90	ICP	8.00E+00
Zinc	50967	2/22/90	ICP	1.00E+01
Acetone	50725	10/25/89	VOA	1.30E+01
Acetone	50725	10/25/89	ABN	<1.00E+01
Acetone	50725B	10/25/89	VOA	<1.00E+01
Acetone	50725T	10/25/89	VOA	<1.00E+01
Acetone	50748	11/02/89	VOA	<1.00E+01
Acetone	50748	11/02/89	ABN	<1.00E+01

DATA FOR PUREX Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50748B	11/02/89	VOA	<1.00E+01
Acetone	50748T	11/02/89	VOA	<1.00E+01
Acetone	50764	11/14/89	VOA	<1.00E+01
Acetone	50764	11/14/89	ABN	<1.00E+01
Acetone	50764B	11/14/89	VOA	<1.00E+01
Acetone	50764T	11/14/89	VOA	<1.00E+01
Acetone	50903	1/26/90	VOA	<1.00E+01
Acetone	50903	1/26/90	ABN	<1.00E+01
Acetone	50903B	1/26/90	VOA	<1.00E+01
Acetone	50903T	1/26/90	VOA	<1.00E+01
Acetone	50943	2/16/90	VOA	<1.00E+01
Acetone	50943	2/16/90	ABN	<1.00E+01
Acetone	50943B	2/16/90	VOA	<1.00E+01
Acetone	50943T	2/16/90	VOA	<1.00E+01
Acetone	50967	2/22/90	VOA	<1.00E+01
Acetone	50967	2/22/90	ABN	<1.00E+01
Acetone	50967B	2/22/90	VOA	<1.00E+01
Acetone	50967T	2/22/90	VOA	1.90E+01
Ammonia	50725	10/25/89	ISE	5.40E+01
Ammonia	50748	11/02/89	ISE	<5.00E+01
Ammonia	50764	11/14/89	ISE	<5.00E+01
Ammonia	50903	1/26/90	ISE	<5.00E+01
Ammonia	50943	2/16/90	ISE	<5.00E+01
Ammonia	50967	2/22/90	ISE	<5.00E+01
2-Butanone	50725	10/25/89	VOA	1.00E+01
2-Butanone	50725B	10/25/89	VOA	1.40E+01
2-Butanone	50725T	10/25/89	VOA	<1.00E+01
2-Butanone	50748	11/02/89	VOA	<1.00E+01
2-Butanone	50748B	11/02/89	VOA	<1.00E+01
2-Butanone	50748T	11/02/89	VOA	<1.00E+01
2-Butanone	50764	11/14/89	VOA	<1.00E+01
2-Butanone	50764B	11/14/89	VOA	<1.00E+01
2-Butanone	50764T	11/14/89	VOA	<1.00E+01
2-Butanone	50903	1/26/90	VOA	<1.00E+01
2-Butanone	50903B	1/26/90	VOA	1.30E+01
2-Butanone	50903T	1/26/90	VOA	2.10E+01
2-Butanone	50943	2/16/90	VOA	<1.00E+01
2-Butanone	50943B	2/16/90	VOA	<1.00E+01
2-Butanone	50943T	2/16/90	VOA	<6.00E+00
2-Butanone	50967	2/22/90	VOA	<1.00E+01
2-Butanone	50967B	2/22/90	VOA	<9.00E+00
2-Butanone	50967T	2/22/90	VOA	1.20E+01
Butylated hydroxy toluene	50943	2/16/90	ABN	1.00E+01
Dichloromethane	50725	10/25/89	VOA	<5.00E+00
Dichloromethane	50725B	10/25/89	VOA	9.00E+00
Dichloromethane	50725T	10/25/89	VOA	9.00E+00
Dichloromethane	50748	11/02/89	VOA	<5.00E+00
Dichloromethane	50748B	11/02/89	VOA	<5.00E+00
Dichloromethane	50748T	11/02/89	VOA	8.00E+00
Dichloromethane	50764	11/14/89	VOA	<5.00E+00
Dichloromethane	50764B	11/14/89	VOA	<5.00E+00
Dichloromethane	50764T	11/14/89	VOA	<5.00E+00
Dichloromethane	50903	1/26/90	VOA	7.00E+00

DATA FOR PUREX Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Dichloromethane	50903B	1/26/90	VOA	<5.00E+00
Dichloromethane	50903T	1/26/90	VOA	<4.00E+00
Dichloromethane	50943	2/16/90	VOA	<5.00E+00
Dichloromethane	50943B	2/16/90	VOA	<5.00E+00
Dichloromethane	50943T	2/16/90	VOA	<5.00E+00
Dichloromethane	50967	2/22/90	VOA	<5.00E+00
Dichloromethane	50967B	2/22/90	VOA	5.00E+00
Dichloromethane	50967T	2/22/90	VOA	<5.00E+00
Tetrahydrofuran	50725	10/25/89	VOA	<1.00E+01
Tetrahydrofuran	50725B	10/25/89	VOA	<1.00E+01
Tetrahydrofuran	50725T	10/25/89	VOA	<1.00E+01
Tetrahydrofuran	50748	11/02/89	VOA	<1.00E+01
Tetrahydrofuran	50748B	11/02/89	VOA	1.00E+01
Tetrahydrofuran	50748T	11/02/89	VOA	<1.00E+01
Tetrahydrofuran	50764	11/14/89	VOA	<1.00E+01
Tetrahydrofuran	50764B	11/14/89	VOA	<1.00E+01
Tetrahydrofuran	50764T	11/14/89	VOA	<1.00E+01
Tetrahydrofuran	50903	1/26/90	VOA	<1.00E+01
Tetrahydrofuran	50903B	1/26/90	VOA	<1.00E+01
Tetrahydrofuran	50903T	1/26/90	VOA	<8.00E+00
Tetrahydrofuran	50943	2/16/90	VOA	<1.00E+01
Tetrahydrofuran	50943B	2/16/90	VOA	<1.00E+01
Tetrahydrofuran	50943T	2/16/90	VOA	<1.00E+01
Tetrahydrofuran	50967	2/22/90	VOA	<1.00E+01
Tetrahydrofuran	50967B	2/22/90	VOA	<1.00E+01
Tetrahydrofuran	50967T	2/22/90	VOA	<6.00E+00
Trichloromethane	50725	10/25/89	VOA	<5.00E+00
Trichloromethane	50725B	10/25/89	VOA	<5.00E+00
Trichloromethane	50725T	10/25/89	VOA	<5.00E+00
Trichloromethane	50748	11/02/89	VOA	<5.00E+00
Trichloromethane	50748B	11/02/89	VOA	<5.00E+00
Trichloromethane	50748T	11/02/89	VOA	<3.00E+00
Trichloromethane	50764	11/14/89	VOA	<5.00E+00
Trichloromethane	50764B	11/14/89	VOA	<4.00E+00
Trichloromethane	50764T	11/14/89	VOA	<4.00E+00
Trichloromethane	50903	1/26/90	VOA	<5.00E+00
Trichloromethane	50903B	1/26/90	VOA	<5.00E+00
Trichloromethane	50903T	1/26/90	VOA	<5.00E+00
Trichloromethane	50943	2/16/90	VOA	<5.00E+00
Trichloromethane	50943B	2/16/90	VOA	5.00E+00
Trichloromethane	50943T	2/16/90	VOA	<3.00E+00
Trichloromethane	50967	2/22/90	VOA	<5.00E+00
Trichloromethane	50967B	2/22/90	VOA	7.00E+00
Trichloromethane	50967T	2/22/90	VOA	<4.00E+00
Alkalinity (Method B)	50725	10/25/89	TITRA	5.90E+04
Alkalinity (Method B)	50748	11/02/89	TITRA	5.80E+04
Alkalinity (Method B)	50764	11/14/89	TITRA	5.90E+04
Alkalinity (Method B)	50903	1/26/90	TITRA	6.50E+04
Alkalinity (Method B)	50943	2/16/90	TITRA	6.00E+04
Alkalinity (Method B)	50967	2/22/90	TITRA	6.10E+04
Conductivity (uS)	50725	10/25/89	COND-Fld	1.35E+02
Conductivity (uS)	50748	11/02/89	COND-Fld	1.40E+02
Conductivity (uS)	50764	11/14/89	COND-Fld	1.43E+02

DATA FOR PUREX Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Conductivity (uS)	50903	1/26/90	COND-Fld	1.54E+02
Conductivity (uS)	50943	2/16/90	COND-Fld	1.67E+02
Conductivity (uS)	50967	2/22/90	COND-Fld	1.43E+02
Ingitability (degrees F)	50725E	10/25/89	IGNIT	2.12E+02
Ingitability (degrees F)	50748E	11/02/89	IGNIT	2.12E+02
Ingitability (degrees F)	50764E	11/14/89	IGNIT	2.08E+02
Ingitability (degrees F)	50903E	1/26/90	IGNIT	2.12E+02
Ingitability (degrees F)	50943E	2/16/90	IGNIT	2.06E+02
Ingitability (degrees F)	50967E	2/22/90	IGNIT	2.12E+02
pH (dimensionless)	50725	10/25/89	PH-Fld	8.06E+00
pH (dimensionless)	50748	11/02/89	PH-Fld	7.69E+00
pH (dimensionless)	50764	11/14/89	PH-Fld	7.64E+00
pH (dimensionless)	50903	1/26/90	PH-Fld	7.76E+00
pH (dimensionless)	50943	2/16/90	PH-Fld	7.70E+00
pH (dimensionless)	50967	2/22/90	PH-Fld	7.90E+00
Reactivity Cyanide (mg/kg)	50725E	10/25/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50748E	11/02/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50764E	11/14/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50903E	1/26/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50943E	2/16/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50967E	2/22/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50725E	10/25/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50748E	11/02/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50764E	11/14/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50903E	1/26/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50943E	2/16/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50967E	2/22/90	DTITRA	<1.00E+02
TDS (mg/L)	50725	10/25/89	TDS	7.90E+04
TDS (mg/L)	50748	11/02/89	TDS	5.50E+04
TDS (mg/L)	50764	11/14/89	TDS	5.90E+04
TDS (mg/L)	50903	1/26/90	TDS	7.20E+04
TDS (mg/L)	50943	2/16/90	TDS	6.40E+04
TDS (mg/L)	50967	2/22/90	TDS	6.80E+04
Temperature (degrees C)	50725	10/25/89	TEMP-Fld	1.72E+01
Temperature (degrees C)	50748	11/02/89	TEMP-Fld	1.45E+01
Temperature (degrees C)	50764	11/14/89	TEMP-Fld	1.36E+01
Temperature (degrees C)	50903	1/26/90	TEMP-Fld	2.37E+01
Temperature (degrees C)	50943	2/16/90	TEMP-Fld	1.91E+01
Temperature (degrees C)	50967	2/22/90	TEMP-Fld	1.94E+01
TOC (ug/g)	50725	10/25/89	TOC	<1.70E+03
TOC (ug/g)	50748	11/02/89	TOC	<1.30E+03
TOC (ug/g)	50764	11/14/89	TOC	<1.10E+03
TOC (ug/g)	50903	1/26/90	TOC	<1.20E+03
TOC (ug/g)	50943	2/16/90	TOC	<1.40E+03
TOC (ug/g)	50967	2/22/90	TOC	1.10E+03
Total Carbon (ug/g)	50725	10/25/89	TC	1.63E+04
Total Carbon (ug/g)	50748	11/02/89	TC	1.45E+04
Total Carbon (ug/g)	50764	11/14/89	TC	1.47E+04
Total Carbon (ug/g)	50903	1/26/90	TC	1.36E+04
Total Carbon (ug/g)	50943	2/16/90	TC	1.56E+04
Total Carbon (ug/g)	50967	2/22/90	TC	1.54E+04
TOX (ug (Cl)/L)	50725	10/25/89	LTOX	1.00E+01
TOX (ug (Cl)/L)	50748	11/02/89	LTOX	1.00E+01

DATA FOR PUREX Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
TOX (ug (Cl)/L)	50764	11/14/89	LTOX	<8.00E+00
TOX (ug (Cl)/L)	50903	1/26/90	LTOX	1.10E+01
TOX (ug (Cl)/L)	50943	2/16/90	LTOX	1.00E+01
TOX (ug (Cl)/L)	50967	2/22/90	LTOX	1.10E+01
Am-241 (pCi/L)	50725	10/25/89	AEA	<2.07E-03
Am-241 (pCi/L)	50748	11/02/89	AEA	<1.37E-03
Am-241 (pCi/L)	50764	11/14/89	AEA	4.93E-03
C-14 (pCi/L)	50748	11/02/89	LSC	<3.09E+00
C-14 (pCi/L)	50764	11/14/89	LSC	4.64E+00
I-129 (pCi/L)	50748	11/02/89	LEPD	<2.40E-02
I-129 (pCi/L)	50764	11/14/89	LEPD	8.52E-02
Pu-239/240 (pCi/L)	50725	10/25/89	AEA	3.14E-03
Pu-239/240 (pCi/L)	50748	11/02/89	AEA	<7.40E-04
Pu-239/240 (pCi/L)	50764	11/14/89	AEA	2.52E-03
Sr-90 (pCi/L)	50725	10/25/89	Beta	3.63E-01
Sr-90 (pCi/L)	50748	11/02/89	Beta	<9.49E-02
Sr-90 (pCi/L)	50764	11/14/89	Beta	2.57E-01
U-234 (pCi/L)	50725	10/25/89	AEA	2.59E-01
U-234 (pCi/L)	50748	11/02/89	AEA	1.69E-01
U-234 (pCi/L)	50764	11/14/89	AEA	2.17E-01
U-238 (pCi/L)	50725	10/25/89	AEA	1.87E-01
U-238 (pCi/L)	50748	11/02/89	AEA	1.46E-01
U-238 (pCi/L)	50764	11/14/89	AEA	1.62E-01

DATA FOR PUREX Chemical Sewage-Routine Operation

Constituent	Sample #	Date	Method	Result
Aluminum	50689	10/16/89	ICP	6.14E+02
Aluminum	50709	10/19/89	ICP	<1.50E+02
Aluminum	50796	11/27/89	ICP	<1.50E+02
Aluminum	50891	1/17/90	ICP	<1.50E+02
Aluminum	50939	2/13/90	ICP	<1.50E+02
Aluminum	50955	2/20/90	ICP	<1.50E+02
Arsenic (EP Toxic)	50689E	10/16/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50709E	10/19/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50796E	11/27/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50891E	1/17/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50939E	2/13/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50955E	2/20/90	ICP	<5.00E+02
Barium	50689	10/16/89	ICP	3.90E+01
Barium	50709	10/19/89	ICP	3.20E+01
Barium	50796	11/27/89	ICP	2.90E+01
Barium	50891	1/17/90	ICP	3.20E+01
Barium	50939	2/13/90	ICP	2.90E+01
Barium	50955	2/20/90	ICP	2.70E+01
Barium (EP Toxic)	50689E	10/16/89	ICP	<1.00E+03
Barium (EP Toxic)	50709E	10/19/89	ICP	<1.00E+03
Barium (EP Toxic)	50796E	11/27/89	ICP	<1.00E+03
Barium (EP Toxic)	50891E	1/17/90	ICP	<1.00E+03
Barium (EP Toxic)	50939E	2/13/90	ICP	<1.00E+03
Barium (EP Toxic)	50955E	2/20/90	ICP	<1.00E+03
Boron	50689	10/16/89	ICP	<1.00E+01
Boron	50709	10/19/89	ICP	<1.00E+01
Boron	50796	11/27/89	ICP	<1.00E+01
Boron	50891	1/17/90	ICP	<1.00E+01
Boron	50939	2/13/90	ICP	3.50E+01
Boron	50955	2/20/90	ICP	2.10E+01
Cadmium (EP Toxic)	50689E	10/16/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50709E	10/19/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50796E	11/27/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50891E	1/17/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50939E	2/13/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50955E	2/20/90	ICP	<1.00E+02
Calcium	50689	10/16/89	ICP	1.86E+04
Calcium	50709	10/19/89	ICP	1.91E+04
Calcium	50796	11/27/89	ICP	1.68E+04
Calcium	50891	1/17/90	ICP	1.94E+04
Calcium	50939	2/13/90	ICP	1.85E+04
Calcium	50955	2/20/90	ICP	1.81E+04
Chloride	50689	10/16/89	IC	1.40E+03
Chloride	50709	10/19/89	IC	1.50E+03
Chloride	50796	11/27/89	IC	1.90E+03
Chloride	50891	1/17/90	IC	2.00E+03
Chloride	50939	2/13/90	IC	1.20E+03
Chloride	50955	2/20/90	IC	1.30E+03
Chromium (EP Toxic)	50689E	10/16/89	ICP	<5.00E+02
Chromium (EP Toxic)	50709E	10/19/89	ICP	<5.00E+02
Chromium (EP Toxic)	50796E	11/27/89	ICP	<5.00E+02
Chromium (EP Toxic)	50891E	1/17/90	ICP	<5.00E+02
Chromium (EP Toxic)	50939E	2/13/90	ICP	<5.00E+02

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Chromium (EP Toxic)	50955E	2/20/90	ICP	<5.00E+02
Copper	50689	10/16/89	ICP	5.30E+01
Copper	50709	10/19/89	ICP	3.50E+01
Copper	50796	11/27/89	ICP	3.90E+01
Copper	50891	1/17/90	ICP	2.90E+01
Copper	50939	2/13/90	ICP	<1.00E+01
Copper	50955	2/20/90	ICP	<1.00E+01
Fluoride	50689	10/16/89	IC	<5.00E+02
Fluoride	50689	10/16/89	ISE	1.80E+02
Fluoride	50709	10/19/89	IC	<5.00E+02
Fluoride	50709	10/19/89	ISE	1.44E+02
Fluoride	50796	11/27/89	IC	<5.00E+02
Fluoride	50796	11/27/89	ISE	1.44E+02
Fluoride	50891	1/17/90	IC	<5.00E+02
Fluoride	50891	1/17/90	ISE	1.37E+02
Fluoride	50939	2/13/90	IC	<5.00E+02
Fluoride	50939	2/13/90	ISE	1.17E+02
Fluoride	50955	2/20/90	IC	<5.00E+02
Fluoride	50955	2/20/90	ISE	1.18E+02
Iron	50689	10/16/89	ICP	9.80E+02
Iron	50709	10/19/89	ICP	1.26E+02
Iron	50796	11/27/89	ICP	4.60E+01
Iron	50891	1/17/90	ICP	3.20E+01
Iron	50939	2/13/90	ICP	5.20E+01
Iron	50955	2/20/90	ICP	6.20E+01
Lead	50689	10/16/89	GFAA	8.00E+00
Lead	50709	10/19/89	GFAA	<5.00E+00
Lead	50796	11/27/89	GFAA	<5.00E+00
Lead	50891	1/17/90	GFAA	<5.00E+00
Lead	50939	2/13/90	GFAA	<5.00E+00
Lead	50955	2/20/90	GFAA	<5.00E+00
Lead (EP Toxic)	50689E	10/16/89	ICP	<5.00E+02
Lead (EP Toxic)	50709E	10/19/89	ICP	<5.00E+02
Lead (EP Toxic)	50796E	11/27/89	ICP	<5.00E+02
Lead (EP Toxic)	50891E	1/17/90	ICP	<5.00E+02
Lead (EP Toxic)	50939E	2/13/90	ICP	<5.00E+02
Lead (EP Toxic)	50955E	2/20/90	ICP	<5.00E+02
Magnesium	50689	10/16/89	ICP	4.21E+03
Magnesium	50709	10/19/89	ICP	4.19E+03
Magnesium	50796	11/27/89	ICP	3.80E+03
Magnesium	50891	1/17/90	ICP	4.52E+03
Magnesium	50939	2/13/90	ICP	4.28E+03
Magnesium	50955	2/20/90	ICP	4.28E+03
Manganese	50689	10/16/89	ICP	6.30E+01
Manganese	50709	10/19/89	ICP	1.10E+01
Manganese	50796	11/27/89	ICP	<5.00E+00
Manganese	50891	1/17/90	ICP	<5.00E+00
Manganese	50939	2/13/90	ICP	<5.00E+00
Manganese	50955	2/20/90	ICP	<5.00E+00
Mercury	50689	10/16/89	CVAA	1.60E-01
Mercury	50709	10/19/89	CVAA	<1.00E-01
Mercury	50796	11/27/89	CVAA	<1.00E-01
Mercury	50891	1/17/90	CVAA	<1.00E-01

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Mercury	50939	2/13/90	CVAA	<1.00E-01
Mercury	50955	2/20/90	CVAA	<1.00E-01
Mercury (EP Toxic)	50689E	10/16/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50709E	10/19/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50796E	11/27/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50891E	1/17/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50939E	2/13/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50955E	2/20/90	CVAA/M	<2.00E+01
Nitrate	50689	10/16/89	IC	5.00E+02
Nitrate	50709	10/19/89	IC	<5.00E+02
Nitrate	50796	11/27/89	IC	5.00E+02
Nitrate	50891	1/17/90	IC	7.00E+02
Nitrate	50939	2/13/90	IC	<5.00E+02
Nitrate	50955	2/20/90	IC	6.00E+02
Potassium	50689	10/16/89	ICP	7.63E+02
Potassium	50709	10/19/89	ICP	7.18E+02
Potassium	50796	11/27/89	ICP	6.98E+02
Potassium	50891	1/17/90	ICP	7.60E+02
Potassium	50939	2/13/90	ICP	6.78E+02
Potassium	50955	2/20/90	ICP	6.98E+02
Selenium (EP Toxic)	50689E	10/16/89	ICP	<5.00E+02
Selenium (EP Toxic)	50709E	10/19/89	ICP	<5.00E+02
Selenium (EP Toxic)	50796E	11/27/89	ICP	<5.00E+02
Selenium (EP Toxic)	50891E	1/17/90	ICP	<5.00E+02
Selenium (EP Toxic)	50939E	2/13/90	ICP	<5.00E+02
Selenium (EP Toxic)	50955E	2/20/90	ICP	<5.00E+02
Silicon	50689	10/16/89	ICP	3.71E+03
Silicon	50709	10/19/89	ICP	2.40E+03
Silicon	50796	11/27/89	ICP	2.18E+03
Silicon	50891	1/17/90	ICP	2.41E+03
Silicon	50939	2/13/90	ICP	2.36E+03
Silicon	50955	2/20/90	ICP	2.38E+03
Silver (EP Toxic)	50689E	10/16/89	ICP	<5.00E+02
Silver (EP Toxic)	50709E	10/19/89	ICP	<5.00E+02
Silver (EP Toxic)	50796E	11/27/89	ICP	<5.00E+02
Silver (EP Toxic)	50891E	1/17/90	ICP	<5.00E+02
Silver (EP Toxic)	50939E	2/13/90	ICP	<5.00E+02
Silver (EP Toxic)	50955E	2/20/90	ICP	<5.00E+02
Sodium	50689	10/16/89	ICP	2.14E+03
Sodium	50709	10/19/89	ICP	2.19E+03
Sodium	50796	11/27/89	ICP	1.96E+03
Sodium	50891	1/17/90	ICP	2.26E+03
Sodium	50939	2/13/90	ICP	2.00E+03
Sodium	50955	2/20/90	ICP	1.87E+03
Strontium	50689	10/16/89	ICP	1.00E+02
Strontium	50709	10/19/89	ICP	9.90E+01
Strontium	50796	11/27/89	ICP	8.40E+01
Strontium	50891	1/17/90	ICP	8.60E+01
Strontium	50939	2/13/90	ICP	8.50E+01
Strontium	50955	2/20/90	ICP	9.10E+01
Sulfate	50689	10/16/89	IC	1.11E+04
Sulfate	50709	10/19/89	IC	1.14E+04
Sulfate	50796	11/27/89	IC	1.06E+04

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Sulfate	50891	1/17/90	IC	1.28E+04
Sulfate	50939	2/13/90	IC	1.08E+04
Sulfate	50955	2/20/90	IC	1.04E+04
Uranium	50689	10/16/89	GEA	3.93E-01
Uranium	50709	10/19/89	GEA	4.31E-01
Uranium	50796	11/27/89	GEA	3.95E-01
Uranium	50891	1/17/90	GEA	6.40E-01
Zinc	50689	10/16/89	ICP	4.90E+01
Zinc	50709	10/19/89	ICP	1.00E+01
Zinc	50796	11/27/89	ICP	<5.00E+00
Zinc	50891	1/17/90	ICP	6.00E+00
Zinc	50939	2/13/90	ICP	1.20E+01
Zinc	50955	2/20/90	ICP	8.00E+00
Acetone	50689	10/16/89	VOA	<9.00E+00
Acetone	50689	10/16/89	ABN	<1.00E+01
Acetone	50689B	10/16/89	VOA	1.40E+01
Acetone	50689T	10/16/89	VOA	<1.00E+01
Acetone	50709	10/19/89	VOA	<9.00E+00
Acetone	50709	10/19/89	ABN	<1.00E+01
Acetone	50709B	10/19/89	VOA	<1.00E+01
Acetone	50709T	10/19/89	VOA	<1.00E+01
Acetone	50796	11/27/89	VOA	<1.00E+01
Acetone	50796	11/27/89	ABN	<1.00E+01
Acetone	50796B	11/27/89	VOA	<1.00E+01
Acetone	50796T	11/27/89	VOA	<7.00E+00
Acetone	50891	1/17/90	VOA	<7.00E+00
Acetone	50891	1/17/90	ABN	<1.00E+01
Acetone	50891B	1/17/90	VOA	<1.00E+01
Acetone	50891T	1/17/90	VOA	<1.00E+01
Acetone	50939	2/13/90	VOA	<1.00E+01
Acetone	50939	2/13/90	ABN	<1.00E+01
Acetone	50939B	2/13/90	VOA	<1.00E+01
Acetone	50939T	2/13/90	VOA	<1.00E+01
Acetone	50955	2/20/90	VOA	<1.00E+01
Acetone	50955	2/20/90	ABN	<1.00E+01
Acetone	50955B	2/20/90	VOA	1.30E+01
Acetone	50955T	2/20/90	VOA	<1.00E+01
Ammonia	50689	10/16/89	ISE	6.60E+01
Ammonia	50709	10/19/89	ISE	6.10E+01
Ammonia	50796	11/27/89	ISE	<5.00E+01
Ammonia	50891	1/17/90	ISE	6.90E+01
Ammonia	50939	2/13/90	ISE	<5.00E+01
Ammonia	50955	2/20/90	ISE	<5.00E+01
1-Butanol	50689	10/16/89	DIGC	<1.00E+04
1-Butanol	50709	10/19/89	DIGC	<1.00E+04
1-Butanol	50796	11/27/89	DIGC	<1.00E+04
1-Butanol	50891	1/17/90	DIGC	<1.00E+04
1-Butanol	50939	2/13/90	DIGC	<1.00E+04
1-Butanol	50955	2/20/90	DIGC	<1.00E+04
1-Butanol	50955B	2/20/90	VOA	7.00E+00
1-Butanol	50955T	2/20/90	VOA	8.00E+00
2-Butanone	50689	10/16/89	VOA	<1.00E+01
2-Butanone	50689B	10/16/89	VOA	<1.00E+01

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
2-Butanone	50689T	10/16/89	VOA	<1.00E+01
2-Butanone	50709	10/19/89	VOA	<7.00E+00
2-Butanone	50709B	10/19/89	VOA	<1.00E+01
2-Butanone	50709T	10/19/89	VOA	<1.00E+01
2-Butanone	50796	11/27/89	VOA	<1.00E+01
2-Butanone	50796B	11/27/89	VOA	<5.00E+00
2-Butanone	50796T	11/27/89	VOA	<5.00E+00
2-Butanone	50891	1/17/90	VOA	<1.00E+01
2-Butanone	50891B	1/17/90	VOA	<1.00E+01
2-Butanone	50891T	1/17/90	VOA	<1.00E+01
2-Butanone	50939	2/13/90	VOA	<1.00E+01
2-Butanone	50939B	2/13/90	VOA	<8.00E+00
2-Butanone	50939T	2/13/90	VOA	<8.00E+00
2-Butanone	50955	2/20/90	VOA	<1.00E+01
2-Butanone	50955B	2/20/90	VOA	1.40E+01
2-Butanone	50955T	2/20/90	VOA	1.30E+01
Butylated hydroxy toluene	50955	2/20/90	ABN	1.00E+01
Dichloromethane	50689	10/16/89	VOA	<5.00E+00
Dichloromethane	50689B	10/16/89	VOA	4.40E+02
Dichloromethane	50689T	10/16/89	VOA	5.41E+02
Dichloromethane	50709	10/19/89	VOA	<5.00E+00
Dichloromethane	50709B	10/19/89	VOA	<4.00E+00
Dichloromethane	50709T	10/19/89	VOA	1.30E+01
Dichloromethane	50796	11/27/89	VOA	<5.00E+00
Dichloromethane	50796B	11/27/89	VOA	<3.00E+00
Dichloromethane	50796T	11/27/89	VOA	<4.00E+00
Dichloromethane	50891	1/17/90	VOA	<5.00E+00
Dichloromethane	50891B	1/17/90	VOA	<4.00E+00
Dichloromethane	50891T	1/17/90	VOA	1.50E+01
Dichloromethane	50939	2/13/90	VOA	<5.00E+00
Dichloromethane	50939B	2/13/90	VOA	<5.00E+00
Dichloromethane	50939T	2/13/90	VOA	<5.00E+00
Dichloromethane	50955	2/20/90	VOA	<5.00E+00
Dichloromethane	50955B	2/20/90	VOA	6.00E+00
Dichloromethane	50955T	2/20/90	VOA	<5.00E+00
Tetrahydrofuran	50689	10/16/89	VOA	<1.00E+01
Tetrahydrofuran	50689B	10/16/89	VOA	<1.00E+01
Tetrahydrofuran	50689T	10/16/89	VOA	<1.00E+01
Tetrahydrofuran	50709	10/19/89	VOA	<1.00E+01
Tetrahydrofuran	50709B	10/19/89	VOA	1.90E+01
Tetrahydrofuran	50709T	10/19/89	VOA	<1.00E+01
Tetrahydrofuran	50796	11/27/89	VOA	<1.00E+01
Tetrahydrofuran	50796B	11/27/89	VOA	<1.00E+01
Tetrahydrofuran	50796T	11/27/89	VOA	<1.00E+01
Tetrahydrofuran	50891	1/17/90	VOA	<1.00E+01
Tetrahydrofuran	50891B	1/17/90	VOA	<5.00E+00
Tetrahydrofuran	50891T	1/17/90	VOA	<1.00E+01
Tetrahydrofuran	50939	2/13/90	VOA	<1.00E+01
Tetrahydrofuran	50939B	2/13/90	VOA	<7.00E+00
Tetrahydrofuran	50939T	2/13/90	VOA	<9.00E+00
Tetrahydrofuran	50955	2/20/90	VOA	<1.00E+01
Tetrahydrofuran	50955B	2/20/90	VOA	<1.00E+01
Tetrahydrofuran	50955T	2/20/90	VOA	<8.00E+00

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	50689	10/16/89	VOA	<3.00E+00
Trichloromethane	50689B	10/16/89	VOA	<5.00E+00
Trichloromethane	50689T	10/16/89	VOA	<5.00E+00
Trichloromethane	50709	10/19/89	VOA	<3.00E+00
Trichloromethane	50709B	10/19/89	VOA	<5.00E+00
Trichloromethane	50709T	10/19/89	VOA	<5.00E+00
Trichloromethane	50796	11/27/89	VOA	2.20E+01
Trichloromethane	50796B	11/27/89	VOA	<5.00E+00
Trichloromethane	50796T	11/27/89	VOA	1.20E+01
Trichloromethane	50891	1/17/90	VOA	1.70E+01
Trichloromethane	50891B	1/17/90	VOA	<5.00E+00
Trichloromethane	50891T	1/17/90	VOA	5.00E+00
Trichloromethane	50939	2/13/90	VOA	<3.00E+00
Trichloromethane	50939B	2/13/90	VOA	<3.00E+00
Trichloromethane	50939T	2/13/90	VOA	<5.00E+00
Trichloromethane	50955	2/20/90	VOA	5.00E+00
Trichloromethane	50955B	2/20/90	VOA	6.00E+00
Trichloromethane	50955T	2/20/90	VOA	5.00E+00
Alkalinity (Method B)	50689	10/16/89	TITRA	5.60E+04
Alkalinity (Method B)	50709	10/19/89	TITRA	5.60E+04
Alkalinity (Method B)	50796	11/27/89	TITRA	5.00E+04
Alkalinity (Method B)	50891	1/17/90	TITRA	5.80E+04
Alkalinity (Method B)	50939	2/13/90	TITRA	5.80E+04
Alkalinity (Method B)	50955	2/20/90	TITRA	7.90E+04
Alpha Activity (pCi/L)	50689	10/16/89	Alpha	1.36E+00
Alpha Activity (pCi/L)	50709	10/19/89	Alpha	1.33E+00
Alpha Activity (pCi/L)	50796	11/27/89	Alpha	1.15E+00
Alpha Activity (pCi/L)	50891	1/17/90	Alpha	<9.62E-02
Beta Activity (pCi/L)	50689	10/16/89	Beta	2.19E+00
Beta Activity (pCi/L)	50709	10/19/89	Beta	<1.85E+00
Beta Activity (pCi/L)	50796	11/27/89	Beta	2.49E+00
Beta Activity (pCi/L)	50891	1/17/90	Beta	2.35E+00
Conductivity (uS)	50689	10/16/89	COND-Fld	1.47E+02
Conductivity (uS)	50709	10/19/89	COND-Fld	1.40E+02
Conductivity (uS)	50796	11/27/89	COND-Fld	1.61E+02
Conductivity (uS)	50891	1/17/90	COND-Fld	1.60E+02
Conductivity (uS)	50955	2/20/90	COND-Fld	1.49E+02
Ignitability (degrees F)	50689E	10/16/89	IGNIT	2.10E+02
Ignitability (degrees F)	50709E	10/19/89	IGNIT	2.10E+02
Ignitability (degrees F)	50796E	11/27/89	IGNIT	2.10E+02
Ignitability (degrees F)	50891E	1/17/90	IGNIT	2.14E+02
Ignitability (degrees F)	50939E	2/13/90	IGNIT	2.04E+02
Ignitability (degrees F)	50955E	2/20/90	IGNIT	2.10E+02
pH (dimensionless)	50689	10/16/89	PH-Fld	7.70E+00
pH (dimensionless)	50709	10/19/89	PH-Fld	8.10E+00
pH (dimensionless)	50796	11/27/89	PH-Fld	7.60E+00
pH (dimensionless)	50891	1/17/90	PH-Fld	7.50E+00
pH (dimensionless)	50955	2/20/90	PH-Fld	7.34E+00
Reactivity Cyanide (mg/kg)	50689E	10/16/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50709E	10/19/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50796E	11/27/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50891E	1/17/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50939E	2/13/90	DSPEC	<1.00E+02

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Reactivity Cyanide (mg/kg)	50955E	2/20/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50689E	10/16/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50709E	10/19/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50796E	11/27/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50891E	1/17/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50939E	2/13/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50955E	2/20/90	DTITRA	<1.00E+02
TDS (mg/L)	50689	10/16/89	TDS	3.90E+04
TDS (mg/L)	50709	10/19/89	TDS	3.80E+04
TDS (mg/L)	50796	11/27/89	TDS	5.90E+04
TDS (mg/L)	50891	1/17/90	TDS	6.90E+04
TDS (mg/L)	50939	2/13/90	TDS	7.00E+04
TDS (mg/L)	50955	2/20/90	TDS	6.30E+04
Temperature (degrees C)	50689	10/16/89	TEMP-Fld	3.00E+01
Temperature (degrees C)	50709	10/19/89	TEMP-Fld	2.50E+01
Temperature (degrees C)	50796	11/27/89	TEMP-Fld	2.87E+01
Temperature (degrees C)	50891	1/17/90	TEMP-Fld	2.24E+01
Temperature (degrees C)	50955	2/20/90	TEMP-Fld	1.90E+01
Total Carbon (ug/g)	50689	10/16/89	TC	1.50E+04
Total Carbon (ug/g)	50709	10/19/89	TC	1.60E+04
Total Carbon (ug/g)	50796	11/27/89	TC	1.35E+04
Total Carbon (ug/g)	50891	1/17/90	TC	1.27E+04
Total Carbon (ug/g)	50939	2/13/90	TC	1.44E+04
Total Carbon (ug/g)	50955	2/20/90	TC	1.50E+04
TOX (ug (Cl)/L)	50689	10/16/89	LTOX	2.90E+01
TOX (ug (Cl)/L)	50709	10/19/89	LTOX	3.50E+01
TOX (ug (Cl)/L)	50796	11/27/89	LTOX	1.50E+02
TOX (ug (Cl)/L)	50891	1/17/90	LTOX	1.06E+02
TOX (ug (Cl)/L)	50939	2/13/90	LTOX	4.10E+01
TOX (ug (Cl)/L)	50955	2/20/90	LTOX	6.20E+01
Am-241 (pCi/L)	50689	10/16/89	AEA	1.67E-02
Am-241 (pCi/L)	50709	10/19/89	AEA	1.12E-01
Am-241 (pCi/L)	50796	11/27/89	AEA	2.73E-01
Am-241 (pCi/L)	50891	1/17/90	AEA	9.98E-03
Cs-137 (pCi/L)	50689	10/16/89	GEA	<2.85E-01
Cs-137 (pCi/L)	50709	10/19/89	GEA	<1.18E-01
Cs-137 (pCi/L)	50796	11/27/89	GEA	<1.59E-01
Cs-137 (pCi/L)	50891	1/17/90	GEA	5.78E-01
C-14 (pCi/L)	50689	10/16/89	LSC	<2.41E+00
C-14 (pCi/L)	50796	11/27/89	LSC	<3.45E+00
C-14 (pCi/L)	50891	1/17/90	LSC	4.14E+00
H-3 (pCi/L)	50709	10/19/89	LSC	<1.46E+02
H-3 (pCi/L)	50891	1/17/90	LSC	3.13E+02
Pu-238 (pCi/L)	50689	10/16/89	AEA	<9.34E-05
Pu-238 (pCi/L)	50709	10/19/89	AEA	6.97E-03
Pu-238 (pCi/L)	50796	11/27/89	AEA	1.58E-02
Pu-239/240 (pCi/L)	50689	10/16/89	AEA	1.86E-01
Pu-239/240 (pCi/L)	50709	10/19/89	AEA	3.71E-01
Pu-239/240 (pCi/L)	50796	11/27/89	AEA	6.59E-01
Pu-239/240 (pCi/L)	50891	1/17/90	AEA	2.17E-02
Radium Total (pCi/L)	50689	10/16/89	Alpha-Ra	<3.58E-02
Radium Total (pCi/L)	50709	10/19/89	Alpha-Ra	<8.00E-02
Radium Total (pCi/L)	50796	11/27/89	Alpha-Ra	2.66E-01

DATA FOR PUREX Chemical Sewage-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Radium Total (pCi/L)	50891	1/17/90	Alpha-Ra	<7.68E-03
U-234 (pCi/L)	50689	10/16/89	AEA	1.53E-01
U-234 (pCi/L)	50709	10/19/89	AEA	1.80E-01
U-234 (pCi/L)	50796	11/27/89	AEA	1.45E-01
U-234 (pCi/L)	50891	1/17/90	AEA	2.06E-01
U-238 (pCi/L)	50689	10/16/89	AEA	1.40E-01
U-238 (pCi/L)	50709	10/19/89	AEA	1.55E-01
U-238 (pCi/L)	50796	11/27/89	AEA	1.36E-01
U-238 (pCi/L)	50891	1/17/90	AEA	1.70E-01

DATA FOR PUREX Process Condensate

Constituent	Sample #	Date	Method	Result
Boron	50895	1/23/90	ICP	<1.00E+01
Boron	50935	2/13/90	ICP	<1.00E+01
Boron	50951	2/20/90	ICP	<1.00E+01
Boron	50988	2/27/90	ICP	2.70E+01
Boron	51020	3/06/90	ICP	2.50E+01
Calcium	50895	1/23/90	ICP	<5.00E+01
Calcium	50935	2/13/90	ICP	5.10E+01
Calcium	50951	2/20/90	ICP	<5.00E+01
Calcium	50988	2/27/90	ICP	<5.00E+01
Calcium	51020	3/06/90	ICP	<5.00E+01
Cyanide	50895	1/23/90	SPEC	3.74E+01
Cyanide	50935	2/13/90	SPEC	4.65E+01
Cyanide	50951	2/20/90	SPEC	3.30E+01
Cyanide	50988	2/27/90	SPEC	1.58E+01
Cyanide	51020	3/06/90	SPEC	4.58E+01
Fluoride	50895	1/23/90	IC	<5.00E+02
Fluoride	50935	2/13/90	IC	1.20E+03
Fluoride	50951	2/20/90	IC	<5.00E+02
Fluoride	50988	2/27/90	IC	1.60E+03
Fluoride	51020	3/06/90	IC	<5.00E+02
Mercury	50895	1/23/90	CVAA	<3.40E-01
Mercury	50935	2/13/90	CVAA	8.40E-01
Mercury	50951	2/20/90	CVAA	1.20E+00
Mercury	50988	2/27/90	CVAA	5.50E-01
Mercury	51020	3/06/90	CVAA	1.90E+00
Nitrate	50895	1/23/90	IC	4.66E+04
Nitrate	50935	2/13/90	IC	2.17E+05
Nitrate	50951	2/20/90	IC	3.90E+03
Nitrate	50988	2/27/90	IC	4.80E+03
Nitrate	51020	3/06/90	IC	5.50E+03
Nitrite	50895	1/23/90	IC	5.79E+04
Nitrite	50935	2/13/90	IC	1.65E+05
Nitrite	50951	2/20/90	IC	1.01E+04
Nitrite	50988	2/27/90	IC	<9.30E+03
Nitrite	51020	3/06/90	IC	4.30E+03
Potassium	50895	1/23/90	ICP	<1.00E+02
Potassium	50935	2/13/90	ICP	1.04E+02
Potassium	50951	2/20/90	ICP	<1.00E+02
Potassium	50988	2/27/90	ICP	4.95E+02
Potassium	51020	3/06/90	ICP	1.74E+03
Silicon	50895	1/23/90	ICP	<2.00E+02
Silicon	50935	2/13/90	ICP	2.80E+02
Silicon	50951	2/20/90	ICP	<2.00E+02
Silicon	50988	2/27/90	ICP	2.17E+02
Silicon	51020	3/06/90	ICP	<2.00E+02
Sodium	50895	1/23/90	ICP	9.83E+03
Sodium	50935	2/13/90	ICP	2.94E+04
Sodium	50951	2/20/90	ICP	1.60E+04
Sodium	50988	2/27/90	ICP	7.81E+03
Sodium	51020	3/06/90	ICP	1.37E+03
Acetone	50895	1/23/90	VOA	6.70E+01
Acetone	50895	1/23/90	ABN	<1.00E+02
Acetone	50895B	1/23/90	VOA	<1.00E+01

DATA FOR PUREX Process Condensate
Continued

Constituent	Sample #	Date	Method	Result
Acetone	50895T	1/23/90	VOA	<1.00E+01
Acetone	50935	2/13/90	ABN	<1.00E+03
Acetone	50935B	2/13/90	VOA	<1.00E+01
Acetone	50935T	2/13/90	VOA	<1.00E+01
Acetone	59171	1/17/90	VOA	<5.00E+02
Acetone	59171	1/17/90	ABN	<1.00E+02
Acetone	59171B	1/17/90	VOA	<3.00E+02
Acetone	59171B	1/17/90	ABN	<1.00E+03
Acetone	59171T	1/17/90	VOA	<5.00E+02
Acetone	59176	1/22/90	VOA	<5.00E+02
Acetone	59176	1/22/90	ABN	<1.00E+02
Acetone	59176B	1/22/90	VOA	<5.00E+02
Acetone	59176B	1/22/90	ABN	<1.00E+03
Acetone	59176T	1/22/90	VOA	<5.00E+02
Acetone	59181	1/25/90	VOA	<5.00E+02
Acetone	59181	1/25/90	ABN	<1.00E+02
Acetone	59181B	1/25/90	VOA	<5.00E+02
Acetone	59181T	1/25/90	VOA	<5.00E+02
Acetone	50951	2/20/90	VOA	7.90E+01
Acetone	50951	2/20/90	ABN	<1.11E+02
Acetone	50951B	2/20/90	VOA	<1.00E+01
Acetone	50951T	2/20/90	VOA	<1.00E+01
Acetone	50988	2/27/90	VOA	<1.00E+01
Acetone	50988	2/27/90	ABN	<1.00E+03
Acetone	50988B	2/27/90	VOA	<1.00E+01
Acetone	50988T	2/27/90	VOA	<1.00E+01
Acetone	51020	3/06/90	VOA	7.40E+01
Acetone	51020	3/06/90	ABN	<1.00E+04
Acetone	51020B	3/06/90	VOA	<1.00E+01
Acetone	51020T	3/06/90	VOA	<1.00E+01
Ammonia	50895	1/23/90	ISE	<5.00E+01
Ammonia	50935	2/13/90	ISE	<5.00E+01
Ammonia	50951	2/20/90	ISE	<5.00E+01
Ammonia	50988	2/27/90	ISE	6.60E+01
Ammonia	51020	3/06/90	ISE	<5.00E+01
1-Butanol	50935	2/13/90	DIGC	<1.00E+04
1-Butanol	50951	2/20/90	VOA	1.00E+01
1-Butanol	50951	2/20/90	DIGC	<1.00E+04
1-Butanol	50988	2/27/90	VOA	1.30E+01
1-Butanol	50988	2/27/90	DIGC	<1.00E+04
1-Butanol	50988B	2/27/90	VOA	5.00E+00
1-Butanol	50988T	2/27/90	VOA	7.00E+00
1-Butanol	51020	3/06/90	VOA	3.40E+01
1-Butanol	51020	3/06/90	DIGC	<1.00E+04
1-Butanol	51020T	3/06/90	VOA	3.00E+01
2-Butanone	50895	1/23/90	VOA	1.40E+01
2-Butanone	50895B	1/23/90	VOA	<9.00E+00
2-Butanone	50895T	1/23/90	VOA	<1.00E+01
2-Butanone	50935B	2/13/90	VOA	<7.00E+00
2-Butanone	50935T	2/13/90	VOA	<8.00E+00
2-Butanone	59171	1/17/90	VOA	<5.00E+02
2-Butanone	59171B	1/17/90	VOA	<5.00E+02
2-Butanone	59171T	1/17/90	VOA	<5.00E+02

DATA FOR PUREX Process Condensate
Continued

Constituent	Sample #	Date	Method	Result
2-Butanone	59176	1/22/90	VOA	<5.00E+02
2-Butanone	59176B	1/22/90	VOA	<5.00E+02
2-Butanone	59176T	1/22/90	VOA	<5.00E+02
2-Butanone	59181	1/25/90	VOA	<5.00E+02
2-Butanone	59181B	1/25/90	VOA	<5.00E+02
2-Butanone	59181T	1/25/90	VOA	<5.00E+02
2-Butanone	50951	2/20/90	VOA	1.40E+01
2-Butanone	50951B	2/20/90	VOA	1.00E+01
2-Butanone	50951T	2/20/90	VOA	<6.00E+00
2-Butanone	50988	2/27/90	VOA	7.20E+01
2-Butanone	50988B	2/27/90	VOA	<1.00E+01
2-Butanone	50988T	2/27/90	VOA	<1.00E+01
2-Butanone	51020	3/06/90	VOA	1.40E+01
2-Butanone	51020B	3/06/90	VOA	<1.00E+01
2-Butanone	51020T	3/06/90	VOA	<1.00E+01
Butylated hydroxy toluene	59181	1/25/90	ABN	1.00E+02
Dibutylphosphate	50935	2/13/90	DIGC	<1.00E+04
Dibutylphosphate	50951	2/20/90	DIGC	2.81E+04
Dibutylphosphate	50988	2/27/90	DIGC	1.89E+04
Dibutylphosphate	51020	3/06/90	DIGC	1.26E+04
Dodecane	50895	1/23/90	ABN	6.50E+01
Dodecane	50935	2/13/90	ABN	1.60E+03
Dodecane	59171	1/17/90	ABN	1.20E+04
Dodecane	59171B	1/17/90	ABN	1.48E+04
Dodecane	59181	1/25/90	ABN	2.40E+02
Dodecane	50951	2/20/90	ABN	1.50E+04
Dodecane	50988	2/27/90	ABN	5.00E+01
Dodecane	51020	3/06/90	ABN	3.50E+04
Tetradecane	50895	1/23/90	ABN	3.50E+02
Tetradecane	50935	2/13/90	ABN	6.50E+03
Tetradecane	59171	1/17/90	ABN	4.80E+04
Tetradecane	59171B	1/17/90	ABN	6.10E+04
Tetradecane	59176	1/22/90	ABN	1.70E+03
Tetradecane	59176B	1/22/90	ABN	2.00E+03
Tetradecane	59181	1/25/90	ABN	1.50E+03
Tetradecane	50951	2/20/90	ABN	3.30E+04
Tetradecane	50988	2/27/90	ABN	6.00E+01
Tetradecane	51020	3/06/90	ABN	7.70E+04
Tetrahydrofuran	50895	1/23/90	VOA	5.70E+01
Tetrahydrofuran	50895B	1/23/90	VOA	<6.00E+00
Tetrahydrofuran	50895T	1/23/90	VOA	<1.00E+01
Tetrahydrofuran	50935B	2/13/90	VOA	<9.00E+00
Tetrahydrofuran	50935T	2/13/90	VOA	<9.00E+00
Tetrahydrofuran	59171	1/17/90	VOA	<5.00E+02
Tetrahydrofuran	59171B	1/17/90	VOA	<5.00E+02
Tetrahydrofuran	59171T	1/17/90	VOA	<5.00E+02
Tetrahydrofuran	59176	1/22/90	VOA	<5.00E+02
Tetrahydrofuran	59176B	1/22/90	VOA	<5.00E+02
Tetrahydrofuran	59176T	1/22/90	VOA	<5.00E+02
Tetrahydrofuran	59181	1/25/90	VOA	<5.00E+02
Tetrahydrofuran	59181B	1/25/90	VOA	<5.00E+02
Tetrahydrofuran	59181T	1/25/90	VOA	<5.00E+02
Tetrahydrofuran	50951	2/20/90	VOA	1.03E+02

DATA FOR PUREX Process Condensate
Continued

Constituent	Sample #	Date	Method	Result
Tetrahydrofuran	50951B	2/20/90	VOA	<1.00E+01
Tetrahydrofuran	50951T	2/20/90	VOA	<1.00E+01
Tetrahydrofuran	50988	2/27/90	VOA	9.50E+01
Tetrahydrofuran	50988B	2/27/90	VOA	<5.00E+00
Tetrahydrofuran	50988T	2/27/90	VOA	<7.00E+00
Tetrahydrofuran	51020	3/06/90	VOA	4.30E+01
Tetrahydrofuran	51020B	3/06/90	VOA	1.00E+01
Tetrahydrofuran	51020T	3/06/90	VOA	<8.00E+00
Tributylphosphate	50895	1/23/90	ABN	3.76E+04
Tributylphosphate	50935	2/13/90	ABN	8.00E+04
Tributylphosphate	59171	1/17/90	ABN	3.92E+04
Tributylphosphate	59171B	1/17/90	ABN	3.84E+04
Tributylphosphate	59176	1/22/90	ABN	1.56E+04
Tributylphosphate	59176B	1/22/90	ABN	1.56E+04
Tributylphosphate	59181	1/25/90	ABN	1.16E+05
Tributylphosphate	50951	2/20/90	ABN	6.80E+04
Tributylphosphate	50988	2/27/90	ABN	6.80E+04
Tributylphosphate	51020	3/06/90	ABN	1.98E+05
Trichloromethane	50895	1/23/90	VOA	<5.00E+00
Trichloromethane	50895B	1/23/90	VOA	<5.00E+00
Trichloromethane	50895T	1/23/90	VOA	<5.00E+00
Trichloromethane	50935B	2/13/90	VOA	<3.00E+00
Trichloromethane	50935T	2/13/90	VOA	<5.00E+00
Trichloromethane	59171	1/17/90	VOA	<2.50E+02
Trichloromethane	59171B	1/17/90	VOA	<2.50E+02
Trichloromethane	59171T	1/17/90	VOA	<2.50E+02
Trichloromethane	59176	1/22/90	VOA	<2.50E+02
Trichloromethane	59176B	1/22/90	VOA	<2.50E+02
Trichloromethane	59176T	1/22/90	VOA	<2.50E+02
Trichloromethane	59181	1/25/90	VOA	<2.50E+02
Trichloromethane	59181B	1/25/90	VOA	<2.50E+02
Trichloromethane	59181T	1/25/90	VOA	<2.50E+02
Trichloromethane	50951	2/20/90	VOA	<5.00E+00
Trichloromethane	50951B	2/20/90	VOA	6.00E+00
Trichloromethane	50951T	2/20/90	VOA	<3.00E+00
Trichloromethane	50988	2/27/90	VOA	<5.00E+00
Trichloromethane	50988B	2/27/90	VOA	1.00E+01
Trichloromethane	50988T	2/27/90	VOA	1.00E+01
Trichloromethane	51020	3/06/90	VOA	<5.00E+00
Trichloromethane	51020B	3/06/90	VOA	<5.00E+00
Trichloromethane	51020T	3/06/90	VOA	<5.00E+00
Tridecane	50895	1/23/90	ABN	4.10E+02
Tridecane	50935	2/13/90	ABN	9.70E+03
Tridecane	59171	1/17/90	ABN	7.10E+04
Tridecane	59171B	1/17/90	ABN	8.80E+04
Tridecane	59176	1/22/90	ABN	2.40E+03
Tridecane	59176B	1/22/90	ABN	2.70E+03
Tridecane	59181	1/25/90	ABN	1.50E+03
Tridecane	50951	2/20/90	ABN	5.70E+04
Tridecane	50988	2/27/90	ABN	1.70E+02
Tridecane	51020	3/06/90	ABN	1.20E+05
Undecane	50951	2/20/90	ABN	1.20E+02
Unknown	50895	1/23/90	VOA	7.00E+00

DATA FOR PUREX Process Condensate
Continued

Constituent	Sample #	Date	Method	Result
Unknown	50895	1/23/90	ABN	1.20E+02
Unknown	50935	2/13/90	ABN	1.50E+04
Unknown	59176B	1/22/90	ABN	1.30E+03
Unknown	50951	2/20/90	VOA	3.60E+01
Unknown	51020	3/06/90	VOA	5.00E+00
Unknown aliphatic HC	59171	1/17/90	ABN	1.70E+03
Unknown aliphatic HC	59171B	1/17/90	ABN	2.40E+03
Unknown aliphatic HC	50951	2/20/90	ABN	6.90E+02
Unknown ester	50895	1/23/90	ABN	9.60E+01
Unknown ester	59171	1/17/90	ABN	1.70E+03
Unknown ester	59171B	1/17/90	ABN	1.40E+03
Unknown ester	59181	1/25/90	ABN	1.00E+02
Unknown ester	50951	2/20/90	ABN	2.00E+02
Unknown ester	50951	2/20/90	VOA	3.00E+01
Unknown ester	50988	2/27/90	VOA	4.20E+01
Unknown ester	51020	3/06/90	VOA	2.00E+01
Unknown hydrocarbon	50895	1/23/90	ABN	4.50E+01
Unknown hydrocarbon	50935	2/13/90	ABN	3.10E+04
Alpha Activity (pCi/L)	50895	1/23/90	Alpha	1.74E+00
Alpha Activity (pCi/L)	51020	3/06/90	Alpha	1.34E+01
Beta Activity (pCi/L)	50895	1/23/90	Beta	6.07E+00
Beta Activity (pCi/L)	51020	3/06/90	Beta	5.83E+00
Conductivity (uS)	50895	1/23/90	COND-Fld	3.95E+02
Conductivity (uS)	50935	2/13/90	COND-Fld	1.50E+03
Conductivity (uS)	50988	2/27/90	COND-Fld	5.70E+01
Conductivity (uS)	51020	3/06/90	COND-Fld	7.90E+01
Ignitability (degrees F)	50895E	1/23/90	IGNIT	2.10E+02
Ignitability (degrees F)	50935E	2/13/90	IGNIT	2.12E+02
Ignitability (degrees F)	50951E	2/20/90	IGNIT	2.10E+02
Ignitability (degrees F)	50988E	2/27/90	IGNIT	2.04E+02
Ignitability (degrees F)	51020E	3/06/90	IGNIT	2.04E+02
pH (dimensionless)	50895	1/23/90	PH-Fld	2.88E+00
pH (dimensionless)	50935	2/13/90	PH-Fld	2.60E+00
pH (dimensionless)	50988	2/27/90	PH-Fld	4.40E+00
pH (dimensionless)	51020	3/06/90	PH-Fld	2.30E+00
Temperature (degrees C)	50895	1/23/90	TEMP-Fld	2.30E+01
Temperature (degrees C)	50988	2/27/90	TEMP-Fld	3.78E+01
Temperature (degrees C)	51020	3/06/90	TEMP-Fld	7.90E+01
TOC (ug/g)	50895	1/23/90	TOC	6.60E+04
TOC (ug/g)	50935	2/13/90	TOC	8.02E+04
TOC (ug/g)	50951	2/20/90	TOC	1.02E+05
TOC (ug/g)	50988	2/27/90	TOC	1.41E+05
TOC (ug/g)	51020	3/06/90	TOC	1.42E+05
TOX (ug (Cl)/L)	50895	1/23/90	LTOX	6.40E+01
TOX (ug (Cl)/L)	50935	2/13/90	LTOX	5.60E+01
TOX (ug (Cl)/L)	50951	2/20/90	LTOX	2.60E+01
TOX (ug (Cl)/L)	50988	2/27/90	LTOX	4.70E+01
TOX (ug (Cl)/L)	51020	3/06/90	LTOX	4.70E+01

DATA FOR PUREX Steam Condensate

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50792E	11/27/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50883E	1/16/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50887E	1/17/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50899E	1/24/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51016E	3/06/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51075E	3/20/90	ICP	<5.00E+02
Barium	50792	11/27/89	ICP	3.00E+01
Barium	50883	1/16/90	ICP	2.80E+01
Barium	50887	1/17/90	ICP	3.00E+01
Barium	50899	1/24/90	ICP	2.80E+01
Barium	51016	3/06/90	ICP	2.40E+01
Barium	51075	3/20/90	ICP	2.90E+01
Barium (EP Toxic)	50792E	11/27/89	ICP	<1.00E+03
Barium (EP Toxic)	50883E	1/16/90	ICP	<1.00E+03
Barium (EP Toxic)	50887E	1/17/90	ICP	<1.00E+03
Barium (EP Toxic)	50899E	1/24/90	ICP	<1.00E+03
Barium (EP Toxic)	51016E	3/06/90	ICP	<1.00E+03
Barium (EP Toxic)	51075E	3/20/90	ICP	<1.00E+03
Boron	50792	11/27/89	ICP	<1.00E+01
Boron	50883	1/16/90	ICP	<1.00E+01
Boron	50887	1/17/90	ICP	1.40E+01
Boron	50899	1/24/90	ICP	<1.00E+01
Boron	51016	3/06/90	ICP	3.20E+01
Boron	51075	3/20/90	ICP	2.90E+01
Cadmium (EP Toxic)	50792E	11/27/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50883E	1/16/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50887E	1/17/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50899E	1/24/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51016E	3/06/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51075E	3/20/90	ICP	<1.00E+02
Calcium	50792	11/27/89	ICP	1.71E+04
Calcium	50883	1/16/90	ICP	1.73E+04
Calcium	50887	1/17/90	ICP	1.81E+04
Calcium	50899	1/24/90	ICP	1.79E+04
Calcium	51016	3/06/90	ICP	1.49E+04
Calcium	51075	3/20/90	ICP	1.80E+04
Chloride	50792	11/27/89	IC	9.00E+02
Chloride	50883	1/16/90	IC	1.10E+03
Chloride	50887	1/17/90	IC	1.10E+03
Chloride	50899	1/24/90	IC	1.00E+03
Chloride	51016	3/06/90	IC	8.00E+02
Chloride	51075	3/20/90	IC	8.00E+02
Chromium (EP Toxic)	50792E	11/27/89	ICP	<5.00E+02
Chromium (EP Toxic)	50883E	1/16/90	ICP	<5.00E+02
Chromium (EP Toxic)	50887E	1/17/90	ICP	<5.00E+02
Chromium (EP Toxic)	50899E	1/24/90	ICP	<5.00E+02
Chromium (EP Toxic)	51016E	3/06/90	ICP	<5.00E+02
Chromium (EP Toxic)	51075E	3/20/90	ICP	<5.00E+02
Fluoride	50792	11/27/89	IC	<5.00E+02
Fluoride	50792	11/27/89	ISE	1.36E+02
Fluoride	50883	1/16/90	IC	<5.00E+02
Fluoride	50883	1/16/90	ISE	1.17E+02
Fluoride	50887	1/17/90	IC	<5.00E+02

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Fluoride	50887	1/17/90	ISE	1.13E+02
Fluoride	50899	1/24/90	IC	<5.00E+02
Fluoride	50899	1/24/90	ISE	1.14E+02
Fluoride	51016	3/06/90	IC	<5.00E+02
Fluoride	51016	3/06/90	ISE	1.15E+02
Fluoride	51075	3/20/90	IC	<5.00E+02
Fluoride	51075	3/20/90	ISE	1.14E+02
Iron	50792	11/27/89	ICP	3.30E+01
Iron	50883	1/16/90	ICP	<3.00E+01
Iron	50887	1/17/90	ICP	<3.00E+01
Iron	50899	1/24/90	ICP	3.20E+01
Iron	51016	3/06/90	ICP	3.30E+01
Iron	51075	3/20/90	ICP	<3.00E+01
Lead (EP Toxic)	50792E	11/27/89	ICP	<5.00E+02
Lead (EP Toxic)	50883E	1/16/90	ICP	<5.00E+02
Lead (EP Toxic)	50887E	1/17/90	ICP	<5.00E+02
Lead (EP Toxic)	50899E	1/24/90	ICP	<5.00E+02
Lead (EP Toxic)	51016E	3/06/90	ICP	<5.00E+02
Lead (EP Toxic)	51075E	3/20/90	ICP	<5.00E+02
Magnesium	50792	11/27/89	ICP	3.94E+03
Magnesium	50883	1/16/90	ICP	4.06E+03
Magnesium	50887	1/17/90	ICP	4.25E+03
Magnesium	50899	1/24/90	ICP	4.08E+03
Magnesium	51016	3/06/90	ICP	3.59E+03
Magnesium	51075	3/20/90	ICP	4.49E+03
Mercury (EP Toxic)	50792E	11/27/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50883E	1/16/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50887E	1/17/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50899E	1/24/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51016E	3/06/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51075E	3/20/90	CVAA/M	<2.00E+01
Nitrate	50792	11/27/89	IC	6.00E+02
Nitrate	50883	1/16/90	IC	6.00E+02
Nitrate	50887	1/17/90	IC	6.00E+02
Nitrate	50899	1/24/90	IC	5.00E+02
Nitrate	51016	3/06/90	IC	<5.00E+02
Nitrate	51075	3/20/90	IC	<5.00E+02
Potassium	50792	11/27/89	ICP	7.24E+02
Potassium	50883	1/16/90	ICP	6.67E+02
Potassium	50887	1/17/90	ICP	6.94E+02
Potassium	50899	1/24/90	ICP	6.60E+02
Potassium	51016	3/06/90	ICP	6.02E+02
Potassium	51075	3/20/90	ICP	7.45E+02
Selenium (EP Toxic)	50792E	11/27/89	ICP	<5.00E+02
Selenium (EP Toxic)	50883E	1/16/90	ICP	<5.00E+02
Selenium (EP Toxic)	50887E	1/17/90	ICP	<5.00E+02
Selenium (EP Toxic)	50899E	1/24/90	ICP	<5.00E+02
Selenium (EP Toxic)	51016E	3/06/90	ICP	<5.00E+02
Selenium (EP Toxic)	51075E	3/20/90	ICP	<5.00E+02
Silicon	50792	11/27/89	ICP	2.26E+03
Silicon	50883	1/16/90	ICP	2.27E+03
Silicon	50887	1/17/90	ICP	2.35E+03
Silicon	50899	1/24/90	ICP	2.30E+03

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Silicon	51016	3/06/90	ICP	1.87E+03
Silicon	51075	3/20/90	ICP	2.23E+03
Silver (EP Toxic)	50792E	11/27/89	ICP	<5.00E+02
Silver (EP Toxic)	50883E	1/16/90	ICP	<5.00E+02
Silver (EP Toxic)	50887E	1/17/90	ICP	<5.00E+02
Silver (EP Toxic)	50899E	1/24/90	ICP	<5.00E+02
Silver (EP Toxic)	51016E	3/06/90	ICP	<5.00E+02
Silver (EP Toxic)	51075E	3/20/90	ICP	<5.00E+02
Sodium	50792	11/27/89	I P	2.01E+03
Sodium	50883	1/16/90	ICP	2.05E+03
Sodium	50887	1/17/90	ICP	2.07E+03
Sodium	50899	1/24/90	ICP	1.99E+03
Sodium	51016	3/06/90	ICP	1.76E+03
Sodium	51075	3/20/90	ICP	2.03E+03
Strontium	50792	11/27/89	ICP	8.60E+01
Strontium	50883	1/16/90	ICP	7.80E+01
Strontium	50887	1/17/90	ICP	8.10E+01
Strontium	50899	1/24/90	ICP	8.20E+01
Strontium	51016	3/06/90	ICP	7.70E+01
Strontium	51075	3/20/90	ICP	9.60E+01
Sulfate	50792	11/27/89	IC	9.00E+03
Sulfate	50883	1/16/90	IC	9.70E+03
Sulfate	50887	1/17/90	IC	9.70E+03
Sulfate	50899	1/24/90	IC	9.50E+03
Sulfate	51016	3/06/90	IC	8.70E+03
Sulfate	51075	3/20/90	IC	1.02E+04
Uranium	50792	11/27/89	GEA	5.17E-01
Uranium	50883	1/16/90	GEA	6.07E-01
Uranium	50887	1/17/90	GEA	6.11E-01
Uranium	50899	1/24/90	GEA	5.16E-01
Uranium	51016	3/06/90	GEA	4.61E-01
Uranium	51075	3/20/90	GEA	4.40E-01
Zinc	50792	11/27/89	ICP	<5.00E+00
Zinc	50883	1/16/90	ICP	<5.00E+00
Zinc	50887	1/17/90	ICP	<5.00E+00
Zinc	50899	1/24/90	ICP	6.00E+00
Zinc	51016	3/06/90	ICP	<5.00E+00
Zinc	51075	3/20/90	ICP	6.00E+00
Acetone	50792	11/27/89	VOA	<1.00E+01
Acetone	50792	11/27/89	ABN	<1.00E+01
Acetone	50792B	11/27/89	VOA	<1.00E+01
Acetone	50883	1/16/90	VOA	<1.00E+01
Acetone	50883	1/16/90	ABN	<1.00E+01
Acetone	50883B	1/16/90	VOA	<6.00E+00
Acetone	50883T	1/16/90	VOA	<7.00E+00
Acetone	50887	1/17/90	VOA	<1.00E+01
Acetone	50887	1/17/90	ABN	<1.00E+01
Acetone	50887B	1/17/90	VOA	<1.00E+01
Acetone	50887T	1/17/90	VOA	<1.00E+01
Acetone	50899	1/24/90	VOA	<1.00E+01
Acetone	50899	1/24/90	ABN	<1.00E+01
Acetone	50899B	1/24/90	VOA	<6.00E+00
Acetone	50899T	1/24/90	VOA	<6.00E+00

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Acetone	51016	3/06/90	VOA	1.00E+01
Acetone	51016	3/06/90	ABN	<1.00E+01
Acetone	51016B	3/06/90	VOA	<5.00E+00
Acetone	51016T	3/06/90	VOA	<1.00E+01
Acetone	51075	3/20/90	VOA	<1.00E+01
Acetone	51075	3/20/90	ABN	<1.00E+01
Acetone	51075B	3/20/90	VOA	<1.00E+01
Acetone	51075T	3/20/90	VOA	<1.00E+01
1-Butanol	50792	11/27/89	DIGC	<1.00E+04
1-Butanol	50883	1/16/90	DIGC	<1.00E+04
1-Butanol	50887	1/17/90	DIGC	<1.00E+04
1-Butanol	50899	1/24/90	DIGC	<1.00E+04
1-Butanol	51016	3/06/90	VOA	2.40E+01
1-Butanol	51016	3/06/90	DIGC	<1.00E+04
1-Butanol	51016B	3/06/90	VOA	2.30E+01
1-Butanol	51016T	3/06/90	VOA	2.30E+01
1-Butanol	51075	3/20/90	DIGC	<1.00E+04
2-Butanone	50792	11/27/89	VOA	<1.00E+01
2-Butanone	50792B	11/27/89	VOA	<1.00E+01
2-Butanone	50883	1/16/90	VOA	<1.00E+01
2-Butanone	50883B	1/16/90	VOA	<1.00E+01
2-Butanone	50883T	1/16/90	VOA	<1.00E+01
2-Butanone	50887	1/17/90	VOA	<1.00E+01
2-Butanone	50887B	1/17/90	VOA	<6.00E+00
2-Butanone	50887T	1/17/90	VOA	<1.00E+01
2-Butanone	50899	1/24/90	VOA	<1.00E+01
2-Butanone	50899B	1/24/90	VOA	1.50E+01
2-Butanone	50899T	1/24/90	VOA	1.60E+01
2-Butanone	51016	3/06/90	VOA	<1.00E+01
2-Butanone	51016B	3/06/90	VOA	<1.00E+01
2-Butanone	51016T	3/06/90	VOA	<1.00E+01
2-Butanone	51075	3/20/90	VOA	<1.00E+01
2-Butanone	51075B	3/20/90	VOA	<1.00E+01
2-Butanone	51075T	3/20/90	VOA	<1.00E+01
Dichloromethane	50792	11/27/89	VOA	<5.00E+00
Dichloromethane	50792B	11/27/89	VOA	<5.00E+00
Dichloromethane	50883	1/16/90	VOA	<5.00E+00
Dichloromethane	50883B	1/16/90	VOA	<5.00E+00
Dichloromethane	50883T	1/16/90	VOA	<5.00E+00
Dichloromethane	50887	1/17/90	VOA	<5.00E+00
Dichloromethane	50887B	1/17/90	VOA	<3.00E+00
Dichloromethane	50887T	1/17/90	VOA	1.50E+01
Dichloromethane	50899	1/24/90	VOA	<5.00E+00
Dichloromethane	50899B	1/24/90	VOA	<4.00E+00
Dichloromethane	50899T	1/24/90	VOA	<3.00E+00
Dichloromethane	51016	3/06/90	VOA	<5.00E+00
Dichloromethane	51016B	3/06/90	VOA	5.00E+00
Dichloromethane	51016T	3/06/90	VOA	<5.00E+00
Dichloromethane	51075	3/20/90	VOA	<5.00E+00
Dichloromethane	51075B	3/20/90	VOA	<5.00E+00
Dichloromethane	51075T	3/20/90	VOA	<5.00E+00
Tetrahydrofuran	50792	11/27/89	VOA	<1.00E+01
Tetrahydrofuran	50792B	11/27/89	VOA	<1.00E+01

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Tetrahydrofuran	50883	1/16/90	VOA	<1.00E+01
Tetrahydrofuran	50883B	1/16/90	VOA	<7.00E+00
Tetrahydrofuran	50883T	1/16/90	VOA	<9.00E+00
Tetrahydrofuran	50887	1/17/90	VOA	<1.00E+01
Tetrahydrofuran	50887B	1/17/90	VOA	<1.00E+01
Tetrahydrofuran	50887T	1/17/90	VOA	<1.00E+01
Tetrahydrofuran	50899	1/24/90	VOA	<1.00E+01
Tetrahydrofuran	50899B	1/24/90	VOA	<5.00E+00
Tetrahydrofuran	50899T	1/24/90	VOA	<6.00E+00
Tetrahydrofuran	51016	3/06/90	VOA	<1.00E+01
Tetrahydrofuran	51016B	3/06/90	VOA	1.00E+01
Tetrahydrofuran	51016T	3/06/90	VOA	<1.00E+01
Tetrahydrofuran	51075	3/20/90	VOA	<1.00E+01
Tetrahydrofuran	51075B	3/20/90	VOA	<1.00E+01
Tetrahydrofuran	51075T	3/20/90	VOA	<1.00E+01
Tributylphosphate	50792	11/27/89	ABN	<1.00E+01
Tributylphosphate	50883	1/16/90	ABN	<1.00E+01
Tributylphosphate	50887	1/17/90	ABN	<1.00E+01
Tributylphosphate	50899	1/24/90	ABN	1.40E+01
Tributylphosphate	51016	3/06/90	ABN	<1.00E+01
Tributylphosphate	51075	3/20/90	ABN	<1.00E+01
Trichloromethane	50792	11/27/89	VCA	<5.00E+00
Trichloromethane	50792B	11/27/89	VOA	<5.00E+00
Trichloromethane	50883	1/16/90	VOA	<5.00E+00
Trichloromethane	50883B	1/16/90	VOA	8.00E+00
Trichloromethane	50883T	1/16/90	VOA	7.00E+00
Trichloromethane	50887	1/17/90	VOA	<5.00E+00
Trichloromethane	50887B	1/17/90	VOA	<5.00E+00
Trichloromethane	50887T	1/17/90	VOA	5.00E+00
Trichloromethane	50899	1/24/90	VOA	<5.00E+00
Trichloromethane	50899B	1/24/90	VOA	<5.00E+00
Trichloromethane	50899T	1/24/90	VOA	<5.00E+00
Trichloromethane	51016	3/06/90	VOA	<5.00E+00
Trichloromethane	51016B	3/06/90	VOA	<5.00E+00
Trichloromethane	51016T	3/06/90	VOA	<5.00E+00
Trichloromethane	51075	3/20/90	VOA	<5.00E+00
Trichloromethane	51075B	3/20/90	VOA	<3.00E+00
Trichloromethane	51075T	3/20/90	VOA	<5.00E+00
Unknown aliphatic HC	51016T	3/06/90	VOA	7.00E+00
Alkalinity (Method B)	50792	11/27/89	TITRA	5.60E+04
Alkalinity (Method B)	50883	1/16/90	TITRA	5.70E+04
Alkalinity (Method B)	50887	1/17/90	TITRA	5.60E+04
Alkalinity (Method B)	50899	1/24/90	TITRA	5.70E+04
Alkalinity (Method B)	51016	3/06/90	TITRA	4.70E+04
Alkalinity (Method B)	51075	3/20/90	TITRA	5.80E+04
Alpha Activity (pCi/L)	50792	11/27/89	Alpha	2.91E+00
Alpha Activity (pCi/L)	50883	1/16/90	Alpha	9.92E+00
Alpha Activity (pCi/L)	50887	1/17/90	Alpha	7.72E+00
Alpha Activity (pCi/L)	50899	1/24/90	Alpha	4.18E+00
Alpha Activity (pCi/L)	51016	3/06/90	Alpha	2.18E+00
Alpha Activity (pCi/L)	51075	3/20/90	Alpha	5.40E+00
Beta Activity (pCi/L)	50792	11/27/89	Beta	6.85E+01
Beta Activity (pCi/L)	50883	1/16/90	Beta	2.28E+02

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Beta Activity (pCi/L)	50887	1/17/90	Beta	2.26E+02
Beta Activity (pCi/L)	50899	1/24/90	Beta	9.34E+01
Beta Activity (pCi/L)	51016	3/06/90	Beta	3.54E+01
Beta Activity (pCi/L)	51075	3/20/90	Beta	3.04E+02
Conductivity (uS)	50792	11/27/89	COND-Fld	1.49E+02
Conductivity (uS)	50883	1/16/90	COND-Fld	1.41E+02
Conductivity (uS)	50887	1/17/90	COND-Fld	1.51E+02
Conductivity (uS)	50899	1/24/90	COND-Fld	1.41E+02
Conductivity (uS)	51016	3/06/90	COND-Fld	1.21E+02
Conductivity (uS)	51075	3/20/90	COND-Fld	1.29E+02
Ignitability (degrees F)	50792E	11/27/89	IGNIT	2.12E+02
Ignitability (degrees F)	50883E	1/16/90	IGNIT	2.10E+02
Ignitability (degrees F)	50887E	1/17/90	IGNIT	2.12E+02
Ignitability (degrees F)	50899E	1/24/90	IGNIT	2.10E+02
Ignitability (degrees F)	51016E	3/06/90	IGNIT	2.06E+02
Ignitability (degrees F)	51075E	3/20/90	IGNIT	2.12E+02
pH (dimensionless)	50792	11/27/89	PH-Fld	7.20E+00
pH (dimensionless)	50883	1/16/90	PH-Fld	7.40E+00
pH (dimensionless)	50887	1/17/90	PH-Fld	7.50E+00
pH (dimensionless)	50899	1/24/90	PH-Fld	7.37E+00
pH (dimensionless)	51016	3/06/90	PH-Fld	7.60E+00
pH (dimensionless)	51075	3/20/90	PH-Fld	8.09E+00
Reactivity Cyanide (mg/kg)	50792E	11/27/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50883E	1/16/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50887E	1/17/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50899E	1/24/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51016E	3/06/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51075E	3/20/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50792E	11/27/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50883E	1/16/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50887E	1/17/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50899E	1/24/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51016E	3/06/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51075E	3/20/90	DTITRA	<1.00E+02
TDS (mg/L)	50792	11/27/89	TDS	6.20E+04
TDS (mg/L)	50883	1/16/90	TDS	5.90E+04
TDS (mg/L)	50887	1/17/90	TDS	6.00E+04
TDS (mg/L)	50899	1/24/90	TDS	6.40E+04
TDS (mg/L)	51016	3/06/90	TDS	5.60E+04
TDS (mg/L)	51075	3/20/90	TDS	7.40E+04
Temperature (degrees C)	50792	11/27/89	TEMP-Fld	2.00E+01
Temperature (degrees C)	50883	1/16/90	TEMP-Fld	2.03E+01
Temperature (degrees C)	50887	1/17/90	TEMP-Fld	2.10E+01
Temperature (degrees C)	50899	1/24/90	TEMP-Fld	2.37E+01
Temperature (degrees C)	51016	3/06/90	TEMP-Fld	2.07E+01
Temperature (degrees C)	51075	3/20/90	TEMP-Fld	1.04E+01
TOC (ug/g)	50792	11/27/89	TOC	<1.30E+03
TOC (ug/g)	50883	1/16/90	TOC	<1.00E+03
TOC (ug/g)	50887	1/17/90	TOC	<1.00E+03
TOC (ug/g)	50899	1/24/90	TOC	<1.00E+03
TOC (ug/g)	51016	3/06/90	TOC	<9.00E+02
TOC (ug/g)	51075	3/20/90	TOC	1.20E+03
Total Carbon (ug/g)	50792	11/27/89	TC	1.52E+04

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Total Carbon (ug/g)	50883	1/16/90	TC	1.25E+04
Total Carbon (ug/g)	50887	1/17/90	TC	1.24E+04
Total Carbon (ug/g)	50899	1/24/90	TC	1.24E+04
Total Carbon (ug/g)	51016	3/06/90	TC	1.35E+04
Total Carbon (ug/g)	51075	3/20/90	TC	1.59E+04
TOX (ug (Cl)/L)	50792	11/27/89	LTOX	<7.00E+00
TOX (ug (Cl)/L)	50883	1/16/90	LTOX	<4.00E+00
TOX (ug (Cl)/L)	50887	1/17/90	LTOX	<5.00E+00
TOX (ug (Cl)/L)	50899	1/24/90	LTOX	1.20E+01
TOX (ug (Cl)/L)	51016	3/06/90	LTOX	<4.00E+00
TOX (ug (Cl)/L)	51075	3/20/90	LTOX	<5.00E+00
Unidentified constituent	50883	1/16/90	GEA	2.43E+02
Unidentified constituent	50887	1/17/90	GEA	2.64E+02
Unidentified constituent	50899	1/24/90	GEA	9.15E+01
Unidentified constituent	51016	3/06/90	GEA	4.35E+01
Unidentified constituent	51075	3/20/90	GEA	4.69E+02
Am-241 (pCi/L)	50792	11/27/89	AEA	3.17E-01
Am-241 (pCi/L)	50883	1/16/90	AEA	4.87E-01
Am-241 (pCi/L)	50887	1/17/90	AEA	5.60E-01
Am-241 (pCi/L)	50899	1/24/90	AEA	1.76E-01
Am-241 (pCi/L)	51016	3/06/90	AEA	9.62E-02
Am-241 (pCi/L)	51075	3/20/90	AEA	1.60E+00
Cs-137 (pCi/L)	50792	11/27/89	GEA	2.34E+00
Cs-137 (pCi/L)	50883	1/16/90	GEA	2.20E+01
Cs-137 (pCi/L)	50887	1/17/90	GEA	1.65E+01
Cs-137 (pCi/L)	50899	1/24/90	GEA	1.74E+01
Cs-137 (pCi/L)	51016	3/06/90	GEA	7.85E-01
Cs-137 (pCi/L)	51075	3/20/90	GEA	<2.43E+00
Pu-238 (pCi/L)	50792	11/27/89	AEA	2.02E-01
Pu-238 (pCi/L)	50883	1/16/90	AEA	4.60E-01
Pu-238 (pCi/L)	50887	1/17/90	AEA	5.48E-01
Pu-238 (pCi/L)	50899	1/24/90	AEA	3.45E-01
Pu-238 (pCi/L)	51016	3/06/90	AEA	2.41E-01
Pu-238 (pCi/L)	51075	3/20/90	AEA	7.60E-01
Pu-239/240 (pCi/L)	50792	11/27/89	AEA	2.33E+00
Pu-239/240 (pCi/L)	50883	1/16/90	AEA	6.32E+00
Pu-239/240 (pCi/L)	50887	1/17/90	AEA	6.94E+00
Pu-239/240 (pCi/L)	50899	1/24/90	AEA	4.40E+00
Pu-239/240 (pCi/L)	51016	3/06/90	AEA	3.07E+00
Pu-239/240 (pCi/L)	51075	3/20/90	AEA	9.88E+00
Radium Total (pCi/L)	50792	11/27/89	Alpha-Ra	6.05E-01
Radium Total (pCi/L)	50883	1/16/90	Alpha-Ra	1.82E-01
Radium Total (pCi/L)	50887	1/17/90	Alpha-Ra	1.59E-01
Radium Total (pCi/L)	50899	1/24/90	Alpha-Ra	2.01E-01
Radium Total (pCi/L)	51016	3/06/90	Alpha-Ra	9.10E-01
Radium Total (pCi/L)	51075	3/20/90	Alpha-Ra	1.00E+01
Sr-90 (pCi/L)	50792	11/27/89	Beta	7.76E-01
Sr-90 (pCi/L)	50883	1/16/90	Beta	6.99E+00
Sr-90 (pCi/L)	50887	1/17/90	Beta	1.50E+00
Sr-90 (pCi/L)	50899	1/24/90	Beta	4.93E-01
Sr-90 (pCi/L)	51016	3/06/90	Beta	1.79E-01
Sr-90 (pCi/L)	51075	3/20/90	Beta	<6.01E-01
U-234 (pCi/L)	50792	11/27/89	AEA	2.02E-01

DATA FOR PUREX Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
U-234 (pCi/L)	50883	1/16/90	AEA	1.84E-01
U-234 (pCi/L)	50887	1/17/90	AEA	2.01E-01
U-234 (pCi/L)	50899	1/24/90	AEA	2.94E-01
U-234 (pCi/L)	51016	3/06/90	AEA	2.22E-01
U-234 (pCi/L)	51075	3/20/90	AEA	2.99E-01
U-238 (pCi/L)	50792	11/27/89	AEA	1.71E-01
U-238 (pCi/L)	50883	1/16/90	AEA	1.92E-01
U-238 (pCi/L)	50887	1/17/90	AEA	1.01E-01
U-238 (pCi/L)	50899	1/24/90	AEA	1.69E-01
U-238 (pCi/L)	51016	3/06/90	AEA	1.27E-01
U-238 (pCi/L)	51075	3/20/90	AEA	1.82E-01

DATA FOR 222-S Laboratory Wastewater

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50804E	11/28/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50661E	10/09/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50673E	10/11/89	ICP	<5.00E+02
Arsenic (EP Toxic)	51079E	3/21/90	ICP	<5.00E+02
Barium	50804	11/28/89	ICP	2.50E+01
Barium	50661	10/09/89	ICP	3.30E+01
Barium	50673	10/11/89	ICP	3.00E+01
Barium	51079	3/21/90	ICP	2.50E+01
Barium (EP Toxic)	50804E	11/28/89	ICP	<1.00E+03
Barium (EP Toxic)	50661E	10/09/89	ICP	<1.00E+03
Barium (EP Toxic)	50673E	10/11/89	ICP	<1.00E+03
Barium (EP Toxic)	51079E	3/21/90	ICP	<1.00E+03
Boron	50804	11/28/89	ICP	<1.00E+01
Boron	50661	10/09/89	ICP	1.70E+01
Boron	50673	10/11/89	ICP	1.60E+01
Boron	51079	3/21/90	ICP	2.30E+01
Cadmium (EP Toxic)	50804E	11/28/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50661E	10/09/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50673E	10/11/89	ICP	<1.00E+02
Cadmium (EP Toxic)	51079E	3/21/90	ICP	<1.00E+02
Calcium	50804	11/28/89	ICP	1.55E+04
Calcium	50661	10/09/89	ICP	1.90E+04
Calcium	50673	10/11/89	ICP	1.76E+04
Calcium	51079	3/21/90	ICP	1.57E+04
Chloride	50804	11/28/89	IC	2.30E+03
Chloride	50661	10/09/89	IC	5.20E+03
Chloride	50673	10/11/89	IC	5.10E+03
Chloride	51079	3/21/90	IC	2.20E+03
Chromium (EP Toxic)	50804E	11/28/89	ICP	<5.00E+02
Chromium (EP Toxic)	50661E	10/09/89	ICP	<5.00E+02
Chromium (EP Toxic)	50673E	10/11/89	ICP	<5.00E+02
Chromium (EP Toxic)	51079E	3/21/90	ICP	<5.00E+02
Copper	50804	11/28/89	ICP	2.47E+02
Copper	50661	10/09/89	ICP	9.20E+01
Copper	50673	10/11/89	ICP	1.05E+02
Copper	51079	3/21/90	ICP	1.65E+02
Fluoride	50804	11/28/89	IC	<5.00E+02
Fluoride	50804	11/28/89	ISE	1.19E+02
Fluoride	50661	10/09/89	IC	<5.00E+02
Fluoride	50661	10/09/89	ISE	1.42E+02
Fluoride	50673	10/11/89	IC	<5.00E+02
Fluoride	50673	10/11/89	ISE	1.35E+02
Fluoride	51079	3/21/90	IC	<5.00E+02
Fluoride	51079	3/21/90	ISE	1.04E+02
Iron	50804	11/28/89	ICP	4.50E+01
Iron	50661	10/09/89	ICP	1.10E+02
Iron	50673	10/11/89	ICP	2.25E+02
Iron	51079	3/21/90	ICP	1.25E+02
Lead (EP Toxic)	50804E	11/28/89	ICP	<5.00E+02
Lead (EP Toxic)	50661E	10/09/89	ICP	<5.00E+02
Lead (EP Toxic)	50673E	10/11/89	ICP	<5.00E+02
Lead (EP Toxic)	51079E	3/21/90	ICP	<5.00E+02
Magnesium	50804	11/28/89	ICP	3.53E+03

DATA FOR 222-S Laboratory Wastewater
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Constituent	Sample #	Date	Method	Result
Magnesium	50661	10/09/89	ICP	4.35E+03
Magnesium	50673	10/11/89	ICP	4.07E+03
Magnesium	51079	3/21/90	ICP	3.83E+03
Manganese	50804	11/28/89	ICP	<5.00E+00
Manganese	50661	10/09/89	ICP	1.00E+01
Manganese	50673	10/11/89	ICP	9.00E+00
Manganese	51079	3/21/90	ICP	<5.00E+00
Mercury (EP Toxic)	50804E	11/28/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50661E	10/09/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50673E	10/11/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51079E	3/21/90	CVAA/M	<2.00E+01
Nitrate	50804	11/28/89	IC	<5.00E+02
Nitrate	50661	10/09/89	IC	<5.00E+02
Nitrate	50673	10/11/89	IC	<5.00E+02
Nitrate	51079	3/21/90	IC	8.00E+02
Potassium	50804	11/28/89	ICP	6.93E+02
Potassium	50661	10/09/89	ICP	8.56E+02
Potassium	50673	10/11/89	ICP	8.43E+02
Potassium	51079	3/21/90	ICP	6.64E+02
Selenium (EP Toxic)	50804E	11/28/89	ICP	<5.00E+02
Selenium (EP Toxic)	50661E	10/09/89	ICP	<5.00E+02
Selenium (EP Toxic)	50673E	10/11/89	ICP	<5.00E+02
Selenium (EP Toxic)	51079E	3/21/90	ICP	<5.00E+02
Silicon	50804	11/28/89	ICP	1.94E+03
Silicon	50661	10/09/89	ICP	2.05E+03
Silicon	50673	10/11/89	ICP	2.06E+03
Silicon	51079	3/21/90	ICP	1.74E+03
Silver (EP Toxic)	50804E	11/28/89	ICP	<5.00E+02
Silver (EP Toxic)	50661E	10/09/89	ICP	<5.00E+02
Silver (EP Toxic)	50673E	10/11/89	ICP	<5.00E+02
Silver (EP Toxic)	51079E	3/21/90	ICP	<5.00E+02
Sodium	50804	11/28/89	ICP	1.82E+03
Sodium	50661	10/09/89	ICP	2.55E+03
Sodium	50673	10/11/89	ICP	2.32E+03
Sodium	51079	3/21/90	ICP	1.83E+03
Strontium	50804	11/28/89	ICP	7.80E+01
Strontium	50661	10/09/89	ICP	1.07E+02
Strontium	50673	10/11/89	ICP	9.80E+01
Strontium	51079	3/21/90	ICP	8.30E+01
Sulfate	50804	11/28/89	IC	1.06E+04
Sulfate	50661	10/09/89	IC	1.48E+04
Sulfate	50673	10/11/89	IC	1.49E+04
Sulfate	51079	3/21/90	IC	1.20E+04
Uranium	50804	11/28/89	GEA	3.46E-01
Uranium	50661	10/09/89	GEA	9.58E-01
Uranium	50673	10/11/89	GEA	4.81E-01
Uranium	51079	3/21/90	GEA	3.11E-01
Vanadium	50804	11/28/89	ICP	<5.00E+00
Vanadium	50661	10/09/89	ICP	7.00E+00
Vanadium	50673	10/11/89	ICP	<5.00E+00
Vanadium	51079	3/21/90	ICP	<5.00E+00
Zinc	50804	11/28/89	ICP	<5.00E+00
Zinc	50661	10/09/89	ICP	1.80E+01

DATA FOR 222-S Laboratory Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Zinc	50673	10/11/89	ICP	2.30E+01
Zinc	51079	3/21/90	ICP	1.50E+01
Acetone	50804	11/28/89	VOA	1.40E+01
Acetone	50804	11/28/89	ABN	<1.00E+01
Acetone	50804B	11/28/89	VOA	<1.00E+01
Acetone	50804T	11/28/89	VOA	<1.00E+01
Acetone	50661	10/09/89	VOA	<1.00E+01
Acetone	50661	10/09/89	ABN	<1.00E+01
Acetone	50661B	10/09/89	VOA	<1.00E+01
Acetone	50661T	10/09/89	VOA	<1.00E+01
Acetone	50673	10/11/89	VOA	<1.00E+01
Acetone	50673	10/11/89	ABN	<1.00E+01
Acetone	50673B	10/11/89	VOA	<8.00E+00
Acetone	50673T	10/11/89	VOA	<1.00E+01
Acetone	51079	3/21/90	VOA	<7.00E+00
Acetone	51079	3/21/90	ABN	<1.00E+01
Acetone	51079B	3/21/90	VOA	<1.00E+01
Acetone	51079T	3/21/90	VOA	<1.00E+01
Ammonia	50804	11/28/89	ISE	<5.00E+01
Ammonia	50661	10/09/89	ISE	9.10E+01
Ammonia	50673	10/11/89	ISE	7.80E+01
Ammonia	51079	3/21/90	ISE	<5.00E+01
Dichloromethane	50804	11/28/89	VOA	<5.00E+00
Dichloromethane	50804B	11/28/89	VOA	7.00E+00
Dichloromethane	50804T	11/28/89	VOA	6.00E+00
Dichloromethane	50661	10/09/89	VOA	<5.00E+00
Dichloromethane	50661B	10/09/89	VOA	6.00E+02
Dichloromethane	50661T	10/09/89	VOA	6.30E+02
Dichloromethane	50673	10/11/89	VOA	<5.00E+00
Dichloromethane	50673B	10/11/89	VOA	4.70E+02
Dichloromethane	50673T	10/11/89	VOA	4.90E+02
Dichloromethane	51079	3/21/90	VOA	<5.00E+00
Dichloromethane	51079B	3/21/90	VOA	<5.00E+00
Dichloromethane	51079T	3/21/90	VOA	<5.00E+00
Tetrahydrofuran	50804	11/28/89	VCA	<1.00E+01
Tetrahydrofuran	50804B	11/28/89	VOA	<6.00E+00
Tetrahydrofuran	50804T	11/28/89	VOA	<5.00E+00
Tetrahydrofuran	50661	10/09/89	VOA	<1.00E+01
Tetrahydrofuran	50661B	10/09/89	VOA	<1.00E+01
Tetrahydrofuran	50661T	10/09/89	VOA	<1.00E+01
Tetrahydrofuran	50673	10/11/89	VOA	<1.00E+01
Tetrahydrofuran	50673B	10/11/89	VOA	<1.00E+01
Tetrahydrofuran	50673T	10/11/89	VOA	<1.00E+01
Tetrahydrofuran	51079	3/21/90	VOA	<1.00E+01
Tetrahydrofuran	51079B	3/21/90	VOA	1.00E+01
Tetrahydrofuran	51079T	3/21/90	VOA	1.00E+01
Trichloromethane	50804	11/28/89	VOA	2.10E+01
Trichloromethane	50804B	11/28/89	VOA	1.00E+01
Trichloromethane	50804T	11/28/89	VOA	9.00E+00
Trichloromethane	50661	10/09/89	VOA	2.50E+01
Trichloromethane	50661B	10/09/89	VOA	<5.00E+00
Trichloromethane	50661T	10/09/89	VOA	<5.00E+00
Trichloromethane	50673	10/11/89	VOA	2.00E+01

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Constituent	Sample #	Date	Method	Result
Trichloromethane	50673B	10/11/89	VOA	<5.00E+00
Trichloromethane	50673T	10/11/89	VOA	<5.00E+00
Trichloromethane	51079	3/21/90	VOA	1.30E+01
Trichloromethane	51079B	3/21/90	VOA	<4.00E+00
Trichloromethane	51079T	3/21/90	VOA	<4.00E+00
Unknown amide	50804	11/28/89	ABN	2.60E+01
Alkalinity (Method B)	50804	11/28/89	TITRA	4.40E+04
Alkalinity (Method B)	50661	10/09/89	TITRA	4.70E+04
Alkalinity (Method B)	50673	10/11/89	TITRA	5.30E+04
Alkalinity (Method B)	51079	3/21/90	TITRA	4.60E+04
Alpha Activity (pCi/L)	50804	11/28/89	Alpha	7.78E-01
Alpha Activity (pCi/L)	50661	10/09/89	Alpha	5.88E+00
Alpha Activity (pCi/L)	50673	10/11/89	Alpha	1.06E+00
Alpha Activity (pCi/L)	51079	3/21/90	Alpha	<2.89E-01
Beta Activity (pCi/L)	50804	11/28/89	Beta	<1.04E+00
Beta Activity (pCi/L)	50661	10/09/89	Beta	5.00E+00
Beta Activity (pCi/L)	50673	10/11/89	Beta	<4.72E-01
Beta Activity (pCi/L)	51079	3/21/90	Beta	3.88E+00
Conductivity (uS)	50804	11/28/89	COND-Fld	1.33E+02
Conductivity (uS)	50661	10/09/89	COND-Fld	5.46E+02
Conductivity (uS)	50673	10/11/89	COND-Fld	1.37E+02
Conductivity (uS)	51079	3/21/90	COND-Fld	1.37E+02
Ignitability (degrees F)	50804E	11/28/89	IGNIT	2.12E+02
Ignitability (degrees F)	50661E	10/09/89	IGNIT	2.10E+02
Ignitability (degrees F)	50673E	10/11/89	IGNIT	2.10E+02
Ignitability (degrees F)	51079E	3/21/90	IGNIT	2.06E+02
pH (dimensionless)	50804	11/28/89	PH-Fld	7.19E+00
pH (dimensionless)	50661	10/09/89	PH-Fld	6.73E+00
pH (dimensionless)	50673	10/11/89	PH-Fld	6.60E+00
pH (dimensionless)	51079	3/21/90	PH-Fld	7.34E+00
Reactivity Cyanide (mg/kg)	50804E	11/28/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50661E	10/09/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50673E	10/11/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51079E	3/21/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50804E	11/28/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50661E	10/09/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50673E	10/11/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51079E	3/21/90	DTITRA	<1.00E+02
Suspended Solids (mg/L)	50804	11/28/89	SSOLID	<5.00E+03
Suspended Solids (mg/L)	50661	10/09/89	SSOLID	<5.00E+03
Suspended Solids (mg/L)	50673	10/11/89	SSOLID	2.20E+04
Suspended Solids (mg/L)	51079	3/21/90	SSOLID	<5.00E+03
TDS (mg/L)	50804	11/28/89	TDS	5.90E+04
TDS (mg/L)	50661	10/09/89	TDS	7.80E+04
TDS (mg/L)	50673	10/11/89	TDS	6.20E+04
TDS (mg/L)	51079	3/21/90	TDS	3.40E+04
Temperature (degrees C)	50804	11/28/89	TEMP-Fld	1.50E+01
Temperature (degrees C)	50661	10/09/89	TEMP-Fld	2.13E+01
Temperature (degrees C)	50673	10/11/89	TEMP-Fld	2.26E+01
Temperature (degrees C)	51079	3/21/90	TEMP-Fld	1.73E+01
TOC (ug/g)	50804	11/28/89	TOC	<1.00E+03
TOC (ug/g)	50661	10/09/89	TOC	<1.30E+03
TOC (ug/g)	50673	10/11/89	TOC	<1.90E+03

DATA FOR 222-S Laboratory Wastewater
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Constituent	Sample #	Date	Method	Result
TOC (ug/g)	51079	3/21/90	TOC	1.10E+03
Total Carbon (ug/g)	50804	11/28/89	TC	1.19E+04
Total Carbon (ug/g)	50661	10/09/89	TC	1.30E+04
Total Carbon (ug/g)	50673	10/11/89	TC	1.20E+04
Total Carbon (ug/g)	51079	3/21/90	TC	1.30E+04
TOX (ug (Cl)/L)	50804	11/28/89	LTOX	1.11E+02
TOX (ug (Cl)/L)	50661	10/09/89	LTOX	1.27E+02
TOX (ug (Cl)/L)	50673	10/11/89	LTOX	1.33E+02
TOX (ug (Cl)/L)	51079	3/21/90	LTOX	8.40E+01
Am-241 (pCi/L)	50804	11/28/89	AEA	3.96E-02
Am-241 (pCi/L)	50661	10/09/89	AEA	2.95E+00
Am-241 (pCi/L)	50673	10/11/89	AEA	7.96E-02
Am-241 (pCi/L)	51079	3/21/90	AEA	7.44E-02
C-14 (pCi/L)	50804	11/28/89	LSC	5.59E+00
C-14 (pCi/L)	50661	10/09/89	LSC	<1.49E+00
C-14 (pCi/L)	50673	10/11/89	LSC	<1.80E+00
C-14 (pCi/L)	51079	3/21/90	LSC	<1.55E+00
H-3 (pCi/L)	50661	10/09/89	LSC	2.90E+02
H-3 (pCi/L)	50673	10/11/89	LSC	<9.74E+01
H-3 (pCi/L)	51079	3/21/90	LSC	<1.37E+02
Pu-238 (pCi/L)	50804	11/28/89	AEA	4.17E-03
Pu-238 (pCi/L)	50661	10/09/89	AEA	4.31E-02
Pu-238 (pCi/L)	50673	10/11/89	AEA	1.53E-02
Pu-238 (pCi/L)	51079	3/21/90	AEA	<1.75E-03
Pu-239/240 (pCi/L)	50804	11/28/89	AEA	2.79E-02
Pu-239/240 (pCi/L)	50661	10/09/89	AEA	7.42E-01
Pu-239/240 (pCi/L)	50673	10/11/89	AEA	7.70E-02
Pu-239/240 (pCi/L)	51079	3/21/90	AEA	3.78E-02
Radium Total (pCi/L)	50804	11/28/89	Alpha-Ra	1.74E-01
Radium Total (pCi/L)	50661	10/09/89	Alpha-Ra	<1.05E-01
Radium Total (pCi/L)	51079	3/21/90	Alpha-Ra	<4.54E-03
Sr-90 (pCi/L)	50804	11/28/89	Beta	<9.50E-02
Sr-90 (pCi/L)	50661	10/09/89	Beta	2.93E-01
Sr-90 (pCi/L)	50673	10/11/89	Beta	<7.30E-03
Sr-90 (pCi/L)	51079	3/21/90	Beta	<9.93E-02
U-234 (pCi/L)	50804	11/28/89	AEA	1.14E-01
U-234 (pCi/L)	50661	10/09/89	AEA	9.08E-02
U-234 (pCi/L)	50673	10/11/89	AEA	6.20E-02
U-234 (pCi/L)	51079	3/21/90	AEA	1.55E-01
U-238 (pCi/L)	50804	11/28/89	AEA	8.90E-02
U-238 (pCi/L)	50661	10/09/89	AEA	1.28E-01
U-238 (pCi/L)	50673	10/11/89	AEA	5.97E-02
U-238 (pCi/L)	51079	3/21/90	AEA	1.30E-01

DATA FOR S Plant Wastewater

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50744E	10/31/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50845E	12/20/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50911E	1/31/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51072T	3/20/90	ICP	<5.00E+02
Barium	50744	10/31/89	ICP	2.80E+01
Barium	50845	12/20/89	ICP	2.80E+01
Barium	50911	1/31/90	ICP	3.20E+01
Barium	51072	3/20/90	ICP	2.90E+01
Barium (EP Toxic)	50744E	10/31/89	ICP	<1.00E+03
Barium (EP Toxic)	50845E	12/20/89	ICP	<1.00E+03
Barium (EP Toxic)	50911E	1/31/90	ICP	<1.00E+03
Barium (EP Toxic)	51072T	3/20/90	ICP	<1.00E+03
Boron	50744	10/31/89	ICP	<1.00E+01
Boron	50845	12/20/89	ICP	<1.00E+01
Boron	50911	1/31/90	ICP	<1.00E+01
Boron	51072	3/20/90	ICP	2.00E+01
Cadmium (EP Toxic)	50744E	10/31/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50845E	12/20/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50911E	1/31/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51072T	3/20/90	ICP	<1.00E+02
Calcium	50744	10/31/89	ICP	1.80E+04
Calcium	50845	12/20/89	ICP	1.74E+04
Calcium	50911	1/31/90	ICP	2.02E+04
Calcium	51072	3/20/90	ICP	1.80E+04
Chloride	50744	10/31/89	IC	1.80E+03
Chloride	50845	12/20/89	IC	1.30E+03
Chloride	50911	1/31/90	IC	1.30E+03
Chloride	51072	3/20/90	IC	1.10E+03
Chromium (EP Toxic)	50744E	10/31/89	ICP	<5.00E+02
Chromium (EP Toxic)	50845E	12/20/89	ICP	<5.00E+02
Chromium (EP Toxic)	50911E	1/31/90	ICP	<5.00E+02
Chromium (EP Toxic)	51072T	3/20/90	ICP	<5.00E+02
Fluoride	50744	10/31/89	IC	<5.00E+02
Fluoride	50744	10/31/89	ISE	1.42E+02
Fluoride	50845	12/20/89	IC	<5.00E+02
Fluoride	50845	12/20/89	ISE	1.16E+02
Fluoride	50911	1/31/90	IC	<5.00E+02
Fluoride	50911	1/31/90	ISE	1.24E+02
Fluoride	51072	3/20/90	IC	<5.00E+02
Fluoride	51072	3/20/90	ISE	1.24E+02
Iron	50744	10/31/89	ICP	4.20E+01
Iron	50845	12/20/89	ICP	<3.00E+01
Iron	50911	1/31/90	ICP	<3.00E+01
Iron	51072	3/20/90	ICP	<3.00E+01
Lead (EP Toxic)	50744E	10/31/89	ICP	<5.00E+02
Lead (EP Toxic)	50845E	12/20/89	ICP	<5.00E+02
Lead (EP Toxic)	50911E	1/31/90	ICP	<5.00E+02
Lead (EP Toxic)	51072T	3/20/90	ICP	<5.00E+02
Magnesium	50744	10/31/89	ICP	4.16E+03
Magnesium	50845	12/20/89	ICP	4.03E+03
Magnesium	50911	1/31/90	ICP	4.52E+03
Magnesium	51072	3/20/90	ICP	4.48E+03
Manganese	50744	10/31/89	ICP	6.00E+00

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Constituent	Sample #	Date	Method	Result
Manganese	50845	12/20/89	ICP	<5.00E+00
Manganese	50911	1/31/90	ICP	<5.00E+00
Manganese	51072	3/20/90	ICP	<5.00E+00
Mercury (EP Toxic)	50744E	10/31/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50845E	12/20/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50911E	1/31/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51072T	3/20/90	CVAA/M	<2.00E+01
Nitrate	50744	10/31/89	IC	<5.00E+02
Nitrate	50845	12/20/89	IC	5.00E+02
Nitrate	50911	1/31/90	IC	<5.00E+02
Nitrate	51072	3/20/90	IC	<5.00E+02
Potassium	50744	10/31/89	ICP	7.56E+02
Potassium	50845	12/20/89	ICP	7.09E+02
Potassium	50911	1/31/90	ICP	7.03E+02
Potassium	51072	3/20/90	ICP	7.60E+02
Selenium (EP Toxic)	50744E	10/31/89	ICP	<5.00E+02
Selenium (EP Toxic)	50845E	12/20/89	ICP	<5.00E+02
Selenium (EP Toxic)	50911E	1/31/90	ICP	<5.00E+02
Selenium (EP Toxic)	51072T	3/20/90	ICP	<5.00E+02
Silicon	50744	10/31/89	ICP	2.17E+03
Silicon	50845	12/20/89	ICP	2.26E+03
Silicon	50911	1/31/90	ICP	2.36E+03
Silicon	51072	3/20/90	ICP	2.10E+03
Silver (EP Toxic)	50744E	10/31/89	ICP	<5.00E+02
Silver (EP Toxic)	50845E	12/20/89	ICP	<5.00E+02
Silver (EP Toxic)	50911E	1/31/90	ICP	<5.00E+02
Silver (EP Toxic)	51072T	3/20/90	ICP	<5.00E+02
Sodium	50744	10/31/89	ICP	2.17E+03
Sodium	50845	12/20/89	ICP	1.90E+03
Sodium	50911	1/31/90	ICP	2.13E+03
Sodium	51072	3/20/90	ICP	2.01E+03
Strontium	50744	10/31/89	ICP	9.70E+01
Strontium	50845	12/20/89	ICP	8.40E+01
Strontium	50911	1/31/90	ICP	8.90E+01
Strontium	51072	3/20/90	ICP	9.60E+01
Sulfate	50744	10/31/89	IC	1.10E+04
Sulfate	50845	12/20/89	IC	1.04E+04
Sulfate	50911	1/31/90	IC	1.10E+04
Sulfate	51072	3/20/90	IC	1.08E+04
Uranium	50744	10/31/89	GEA	4.70E-01
Uranium	50845	12/20/89	GEA	6.82E-01
Uranium	51072	3/20/90	GEA	4.17E-01
Zinc	50744	10/31/89	ICP	<5.00E+00
Zinc	50845	12/20/89	ICP	6.00E+00
Zinc	50911	1/31/90	ICP	8.00E+00
Zinc	51072	3/20/90	ICP	<5.00E+00
Butylated hydroxy toluene	50911	1/31/90	ABN	8.00E+00
Dichloromethane	50744	10/31/89	VOA	<5.00E+00
Dichloromethane	50744B	10/31/89	VOA	<5.00E+00
Dichloromethane	50744T	10/31/89	VOA	2.40E+01
Dichloromethane	50845	12/20/89	VOA	<5.00E+00
Dichloromethane	50845B	12/20/89	VOA	1.10E+03
Dichloromethane	50845T	12/20/89	VOA	9.50E+02

DATA FOR S Plant Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Dichloromethane	50911	1/31/90	VOA	<5.00E+00
Dichloromethane	50911B	1/31/90	VOA	<5.00E+00
Dichloromethane	50911T	1/31/90	VCA	<5.00E+00
Dichloromethane	51072	3/20/90	VOA	<5.00E+00
Dichloromethane	51072B	3/20/90	VOA	<5.00E+00
Tetrahydrofuran	50744	10/31/89	VOA	<1.00E+01
Tetrahydrofuran	50744B	10/31/89	VOA	1.30E+01
Tetrahydrofuran	50744T	10/31/89	VOA	1.20E+01
Tetrahydrofuran	50845	12/20/89	VOA	<1.00E+01
Tetrahydrofuran	50845B	12/20/89	VOA	<1.00E+01
Tetrahydrofuran	50845T	12/20/89	VOA	<1.00E+01
Tetrahydrofuran	50911	1/31/90	VOA	<1.00E+01
Tetrahydrofuran	50911B	1/31/90	VOA	<7.00E+00
Tetrahydrofuran	50911T	1/31/90	VOA	<7.00E+00
Tetrahydrofuran	51072	3/20/90	VOA	<1.00E+01
Tetrahydrofuran	51072B	3/20/90	VOA	<1.00E+01
Trichloromethane	50744	10/31/89	VOA	9.00E+00
Trichloromethane	50744B	10/31/89	VOA	<5.00E+00
Trichloromethane	50744T	10/31/89	VOA	<5.00E+00
Trichloromethane	50845	12/20/89	VOA	8.00E+00
Trichloromethane	50845B	12/20/89	VOA	<5.00E+00
Trichloromethane	50845T	12/20/89	VOA	<5.00E+00
Trichloromethane	50911	1/31/90	VOA	<3.00E+00
Trichloromethane	50911B	1/31/90	VOA	<5.00E+00
Trichloromethane	50911T	1/31/90	VOA	<5.00E+00
Trichloromethane	51072	3/20/90	VOA	<5.00E+00
Trichloromethane	51072B	3/20/90	VOA	<3.00E+00
Alkalinity (Method B)	50744	10/31/89	TITRA	5.70E+04
Alkalinity (Method B)	50845	12/20/89	TITRA	5.60E+04
Alkalinity (Method B)	50911	1/31/90	TITRA	6.20E+04
Alkalinity (Method B)	51072	3/20/90	TITRA	5.70E+04
Conductivity (uS)	50744	10/31/89	COND-Fld	1.14E+02
Conductivity (uS)	50845	12/20/89	COND-Fld	1.40E+02
Conductivity (uS)	50911	1/31/90	COND-Fld	1.32E+02
Conductivity (uS)	51072	3/20/90	COND-Fld	1.50E+02
Ignitability (degrees F)	50744E	10/31/89	IGNIT	2.08E+02
Ignitability (degrees F)	50845E	12/20/89	IGNIT	2.08E+02
Ignitability (degrees F)	50911E	1/31/90	IGNIT	2.12E+02
Ignitability (degrees F)	51072T	3/20/90	IGNIT	2.08E+02
pH (dimensionless)	50744	10/31/89	PH-Fld	8.00E+00
pH (dimensionless)	50845	12/20/89	PH-Fld	7.80E+00
pH (dimensionless)	50911	1/31/90	PH-Fld	7.46E+00
pH (dimensionless)	51072	3/20/90	PH-Fld	7.43E+00
Reactivity Cyanide (mg/kg)	50744E	10/31/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50845E	12/20/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50911E	1/31/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51072T	3/20/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50744E	10/31/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50845E	12/20/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50911E	1/31/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51072T	3/20/90	DTITRA	<1.00E+02
TDS (mg/L)	50744	10/31/89	TDS	8.30E+04
TDS (mg/L)	50845	12/20/89	TDS	7.00E+04

DATA FOR S Plant Wastewater
Continued

Constituent	Sample #	Date	Method	Result
TDS (mg/L)	50911	1/31/90	TDS	7.60E+04
TDS (mg/L)	51072	3/20/90	TDS	7.40E+04
Temperature (degrees C)	50744	10/31/89	TEMP-Fld	1.52E+01
Temperature (degrees C)	50845	12/20/89	TEMP-Fld	1.10E+01
Temperature (degrees C)	50911	1/31/90	TEMP-Fld	2.37E+01
Temperature (degrees C)	51072	3/20/90	TEMP-Fld	1.22E+01
TOC (ug/g)	50744	10/31/89	TOC	<1.40E+03
TOC (ug/g)	50845	12/20/89	TOC	<1.20E+03
TOC (ug/g)	50911	1/31/90	TOC	<1.20E+03
TOC (ug/g)	51072	3/20/90	TOC	1.00E+03
Total Carbon (ug/g)	50744	10/31/89	TC	1.39E+04
Total Carbon (ug/g)	50845	12/20/89	TC	1.50E+04
Total Carbon (ug/g)	50911	1/31/90	TC	1.33E+04
Total Carbon (ug/g)	51072	3/20/90	TC	1.56E+04
TOX (ug (Cl)/L)	50744	10/31/89	LTOX	7.10E+01
TOX (ug (Cl)/L)	50845	12/20/89	LTOX	5.10E+01
TOX (ug (Cl)/L)	50911	1/31/90	LTOX	4.50E+01
TOX (ug (Cl)/L)	51072	3/20/90	LTOX	4.30E+01
Am-241 (pCi/L)	50744	10/31/89	AEA	<3.23E-03
Am-241 (pCi/L)	50845	12/20/89	AEA	2.00E-02
Co-60 (pCi/L)	50845	12/20/89	GEA	<2.35E-01
Co-60 (pCi/L)	51072	3/20/90	GEA	1.64E+00
Pu-239/240 (pCi/L)	50845	12/20/89	AEA	<1.17E-03
Pu-239/240 (pCi/L)	51072	3/20/90	AEA	4.68E-03
Sr-90 (pCi/L)	50744	10/31/89	Beta	3.31E-01
Sr-90 (pCi/L)	50845	12/20/89	Beta	<1.68E-01
Sr-90 (pCi/L)	51072	3/20/90	Beta	<1.80E-01
U-234 (pCi/L)	50744	10/31/89	AEA	1.76E-01
U-234 (pCi/L)	50845	12/20/89	AEA	1.71E-01
U-234 (pCi/L)	51072	3/20/90	AEA	2.18E-01
U-235 (pCi/L)	50845	12/20/89	AEA	1.36E-02
U-235 (pCi/L)	51072	3/20/90	AEA	<2.39E-03
U-238 (pCi/L)	50744	10/31/89	AEA	1.22E-01
U-238 (pCi/L)	50845	12/20/89	AEA	1.67E-01
U-238 (pCi/L)	51072	3/20/90	AEA	1.39E-01

DATA FOR 242-S Evaporator Steam Condensate

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50729E	10/26/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50820E	11/30/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50915E	1/31/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51060E	3/16/90	ICP	<5.00E+02
Barium	50729	10/26/89	ICP	3.00E+01
Barium	50820	11/30/89	ICP	3.00E+01
Barium	50915	1/31/90	ICP	3.20E+01
Barium	51060	3/16/90	ICP	2.80E+01
Barium (EP Toxic)	50729E	10/26/89	ICP	<1.00E+03
Barium (EP Toxic)	50820E	11/30/89	ICP	<1.00E+03
Barium (EP Toxic)	50915E	1/31/90	ICP	<1.00E+03
Barium (EP Toxic)	51060E	3/16/90	ICP	<1.00E+03
Boron	50729	10/26/89	ICP	<1.00E+01
Boron	50820	11/30/89	ICP	1.20E+01
Boron	50915	1/31/90	ICP	1.90E+01
Boron	51060	3/16/90	ICP	2.30E+01
Cadmium (EP Toxic)	50729E	10/26/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50820E	11/30/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50915E	1/31/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51060E	3/16/90	ICP	<1.00E+02
Calcium	50729	10/26/89	ICP	2.01E+04
Calcium	50820	11/30/89	ICP	1.95E+04
Calcium	50915	1/31/90	ICP	1.98E+04
Calcium	51060	3/16/90	ICP	1.76E+04
Chloride	50729	10/26/89	IC	4.30E+03
Chloride	50820	11/30/89	IC	2.90E+03
Chloride	50915	1/31/90	IC	5.50E+03
Chloride	51060	3/16/90	IC	2.30E+03
Chromium (EP Toxic)	50729E	10/26/89	ICP	<5.00E+02
Chromium (EP Toxic)	50820E	11/30/89	ICP	<5.00E+02
Chromium (EP Toxic)	50915E	1/31/90	ICP	<5.00E+02
Chromium (EP Toxic)	51060E	3/16/90	ICP	<5.00E+02
Copper	50729	10/26/89	ICP	<1.00E+01
Copper	50820	11/30/89	ICP	<1.00E+01
Copper	50915	1/31/90	ICP	1.30E+01
Copper	51060	3/16/90	ICP	<1.00E+01
Fluoride	50729	10/26/89	IC	<5.00E+02
Fluoride	50729	10/26/89	ISE	1.66E+02
Fluoride	50820	11/30/89	IC	<5.00E+02
Fluoride	50820	11/30/89	ISE	1.44E+02
Fluoride	50915	1/31/90	IC	1.00E+03
Fluoride	50915	1/31/90	ISE	1.13E+02
Fluoride	51060	3/16/90	IC	<5.00E+02
Fluoride	51060	3/16/90	ISE	1.32E+02
Lead (EP Toxic)	50729E	10/26/89	ICP	<5.00E+02
Lead (EP Toxic)	50820E	11/30/89	ICP	<5.00E+02
Lead (EP Toxic)	50915E	1/31/90	ICP	<5.00E+02
Lead (EP Toxic)	51060E	3/16/90	ICP	<5.00E+02
Magnesium	50729	10/26/89	ICP	4.05E+03
Magnesium	50820	11/30/89	ICP	4.21E+03
Magnesium	50915	1/31/90	ICP	4.69E+03
Magnesium	51060	3/16/90	ICP	4.32E+03
Mercury (EP Toxic)	50729E	10/26/89	CVAA/M	<2.00E+01

DATA FOR 242-S Evaporator Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Mercury (EP Toxic)	50820E	11/30/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50915E	1/31/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51060E	3/16/90	CVAA/M	<2.00E+01
Nitrate	50729	10/26/89	IC	<5.00E+02
Nitrate	50820	11/30/89	IC	5.00E+02
Nitrate	50915	1/31/90	IC	5.00E+02
Nitrate	51060	3/16/90	IC	<5.00E+02
Potassium	50729	10/26/89	ICP	7.49E+02
Potassium	50820	11/30/89	ICP	7.54E+02
Potassium	50915	1/31/90	ICP	7.27E+02
Potassium	51060	3/16/90	ICP	7.22E+02
Selenium (EP Toxic)	50729E	10/26/89	ICP	<5.00E+02
Selenium (EP Toxic)	50820E	11/30/89	ICP	<5.00E+02
Selenium (EP Toxic)	50915E	1/31/90	ICP	<5.00E+02
Selenium (EP Toxic)	51060E	3/16/90	ICP	<5.00E+02
Silicon	50729	10/26/89	ICP	2.10E+03
Silicon	50820	11/30/89	ICP	2.22E+03
Silicon	50915	1/31/90	ICP	2.32E+03
Silicon	51060	3/16/90	ICP	1.99E+03
Silver (EP Toxic)	50729E	10/26/89	ICP	<5.00E+02
Silver (EP Toxic)	50820E	11/30/89	ICP	<5.00E+02
Silver (EP Toxic)	50915E	1/31/90	ICP	<5.00E+02
Silver (EP Toxic)	51060E	3/16/90	ICP	<5.00E+02
Sodium	50729	10/26/89	ICP	2.29E+03
Sodium	50820	11/30/89	ICP	2.09E+03
Sodium	50915	1/31/90	ICP	2.25E+03
Sodium	51060	3/16/90	ICP	2.02E+03
Strontium	50729	10/26/89	ICP	9.90E+01
Strontium	50820	11/30/89	ICP	9.60E+01
Strontium	50915	1/31/90	ICP	9.50E+01
Strontium	51060	3/16/90	ICP	9.40E+01
Sulfate	50729	10/26/89	IC	1.39E+04
Sulfate	50820	11/30/89	IC	1.30E+04
Sulfate	50915	1/31/90	IC	1.47E+04
Sulfate	51060	3/16/90	IC	1.48E+04
Uranium	50729	10/26/89	GEA	4.04E-01
Uranium	50820	11/30/89	GEA	1.94E-01
Uranium	51060	3/16/90	GEA	2.98E-01
Zinc	50729	10/26/89	ICP	4.50E+01
Zinc	50820	11/30/89	ICP	3.10E+01
Zinc	50915	1/31/90	ICP	3.00E+01
Zinc	51060	3/16/90	ICP	1.80E+01
Acetone	50729	10/26/89	VOA	<1.00E+01
Acetone	50729	10/26/89	ABN	<1.00E+01
Acetone	50729B	10/26/89	VOA	1.40E+01
Acetone	50729T	10/26/89	VOA	1.60E+01
Acetone	50820	11/30/89	VOA	<8.00E+00
Acetone	50820	11/30/89	ABN	<1.00E+01
Acetone	50915	1/31/90	VOA	<1.00E+01
Acetone	50915	1/31/90	ABN	<1.00E+01
Acetone	50915B	1/31/90	VOA	<1.00E+01
Acetone	50915T	1/31/90	VOA	<1.00E+01
Acetone	51060	3/16/90	VOA	<1.00E+01

DATA FOR 242-S Evaporator Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Acetone	51060	3/16/90	ABN	<1.10E+01
Acetone	51060B	3/16/90	VOA	<1.00E+01
Acetone	51060T	3/16/90	VOA	<1.00E+01
Ammonia	50729	10/26/89	ISE	5.00E+01
Ammonia	50820	11/30/89	ISE	<5.00E+01
Ammonia	50915	1/31/90	ISE	<5.00E+01
Ammonia	51060	3/16/90	ISE	<5.00E+01
2-Butanone	50729	10/26/89	VOA	<1.00E+01
2-Butanone	50729B	10/26/89	VOA	<1.00E+01
2-Butanone	50729T	10/26/89	VOA	<1.00E+01
2-Butanone	50820	11/30/89	VOA	<6.00E+00
2-Butanone	50915	1/31/90	VOA	<1.00E+01
2-Butanone	50915B	1/31/90	VOA	1.00E+01
2-Butanone	50915T	1/31/90	VOA	<9.00E+00
2-Butanone	51060	3/16/90	VOA	<1.00E+01
2-Butanone	51060B	3/16/90	VOA	<1.00E+01
2-Butanone	51060T	3/16/90	VOA	<1.00E+01
Dichloromethane	50729	10/26/89	VOA	<5.00E+00
Dichloromethane	50729B	10/26/89	VOA	<4.00E+00
Dichloromethane	50729T	10/26/89	VOA	2.60E+01
Dichloromethane	50820	11/30/89	VOA	<5.00E+00
Dichloromethane	50915	1/31/90	VOA	<5.00E+00
Dichloromethane	50915B	1/31/90	VOA	<3.00E+00
Dichloromethane	50915T	1/31/90	VOA	<3.00E+00
Dichloromethane	51060	3/16/90	VOA	<5.00E+00
Dichloromethane	51060B	3/16/90	VOA	<5.00E+00
Dichloromethane	51060T	3/16/90	VOA	<3.00E+00
Halogenated hydrocarbons	50820	11/30/89	ABN	3.40E+01
Tetrahydrofuran	50729	10/26/89	VOA	<1.00E+01
Tetrahydrofuran	50729B	10/26/89	VOA	1.70E+01
Tetrahydrofuran	50729T	10/26/89	VOA	<1.00E+01
Tetrahydrofuran	50820	11/30/89	VOA	<1.00E+01
Tetrahydrofuran	50915	1/31/90	VOA	<1.00E+01
Tetrahydrofuran	50915B	1/31/90	VOA	1.10E+01
Tetrahydrofuran	50915T	1/31/90	VOA	<9.00E+00
Tetrahydrofuran	51060	3/16/90	VOA	<1.00E+01
Tetrahydrofuran	51060B	3/16/90	VOA	<1.00E+01
Tetrahydrofuran	51060T	3/16/90	VOA	<7.00E+00
Trichloromethane	50729	10/26/89	VOA	1.50E+01
Trichloromethane	50729B	10/26/89	VOA	<5.00E+00
Trichloromethane	50729T	10/26/89	VOA	<5.00E+00
Trichloromethane	50820	11/30/89	VOA	2.70E+01
Trichloromethane	50915	1/31/90	VOA	1.50E+01
Trichloromethane	50915B	1/31/90	VOA	<5.00E+00
Trichloromethane	50915T	1/31/90	VOA	<5.00E+00
Trichloromethane	51060	3/16/90	VOA	1.30E+01
Trichloromethane	51060B	3/16/90	VOA	<5.00E+00
Trichloromethane	51060T	3/16/90	VOA	<4.00E+00
Unknown	50915	1/31/90	ABN	5.20E+01
Alkalinity (Method B)	50729	10/26/89	TITRA	5.30E+04
Alkalinity (Method B)	50820	11/30/89	TITRA	5.60E+04
Alkalinity (Method B)	50915	1/31/90	TITRA	6.10E+04
Alkalinity (Method B)	51060	3/16/90	TITRA	5.50E+04

DATA FOR 242-S Evaporator Steam Condensate
Continued

Constituent	Sample #	Date	Method	Result
Alpha Activity (pCi/L)	50729	10/26/89	Alpha	<3.39E-01
Alpha Activity (pCi/L)	50820	11/30/89	Alpha	1.05E+00
Alpha Activity (pCi/L)	51060	3/16/90	Alpha	<2.10E-01
Beta Activity (pCi/L)	50729	10/26/89	Beta	<3.19E-01
Beta Activity (pCi/L)	50820	11/30/89	Beta	2.36E+00
Beta Activity (pCi/L)	51060	3/16/90	Beta	<5.00E-01
Conductivity (uS)	50729	10/26/89	COND-Fld	1.60E+02
Conductivity (uS)	50820	11/30/89	COND-Fld	1.68E+02
Conductivity (uS)	50915	1/31/90	COND-Fld	1.58E+02
Conductivity (uS)	51060	3/16/90	COND-Fld	1.58E+02
Ingitability (degrees F)	50729E	10/26/89	IGNIT	2.12E+02
Ingitability (degrees F)	50820E	11/30/89	IGNIT	2.14E+02
Ingitability (degrees F)	50915E	1/31/90	IGNIT	2.10E+02
Ingitability (degrees F)	51060E	3/16/90	IGNIT	2.08E+02
pH (dimensionless)	50729	10/26/89	PH-Fld	7.90E+00
pH (dimensionless)	50820	11/30/89	PH-Fld	7.51E+00
pH (dimensionless)	50915	1/31/90	PH-Fld	8.00E+00
pH (dimensionless)	51060	3/16/90	PH-Fld	8.00E+00
Reactivity Cyanide (mg/kg)	50729E	10/26/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50820E	11/30/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50915E	1/31/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51060E	3/16/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50729E	10/26/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50820E	11/30/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50915E	1/31/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51060E	3/16/90	DTITRA	<1.00E+02
TDS (mg/L)	50729	10/26/89	TDS	7.60E+04
TDS (mg/L)	50820	11/30/89	TDS	7.70E+04
TDS (mg/L)	50915	1/31/90	TDS	8.40E+04
TDS (mg/L)	51060	3/16/90	TDS	6.70E+04
Temperature (degrees C)	50729	10/26/89	TEMP-Fld	2.45E+01
Temperature (degrees C)	50820	11/30/89	TEMP-Fld	1.72E+01
Temperature (degrees C)	50915	1/31/90	TEMP-Fld	2.37E+01
Temperature (degrees C)	51060	3/16/90	TEMP-Fld	1.92E+01
Total Carbon (ug/g)	50729	10/26/89	TC	1.49E+04
Total Carbon (ug/g)	50820	11/30/89	TC	1.41E+04
Total Carbon (ug/g)	50915	1/31/90	TC	1.26E+04
Total Carbon (ug/g)	51060	3/16/90	TC	1.44E+04
TOX (ug (Cl)/L)	50729	10/26/89	LTOX	1.94E+02
TOX (ug (Cl)/L)	50820	11/30/89	LTOX	1.65E+02
TOX (ug (Cl)/L)	50915	1/31/90	LTOX	1.46E+02
TOX (ug (Cl)/L)	51060	3/16/90	LTOX	1.18E+02
Co-60 (pCi/L)	50729	10/26/89	GEA	6.14E-01
Co-60 (pCi/L)	51060	3/16/90	GEA	1.03E+00
Sr-90 (pCi/L)	50729	10/26/89	Beta	<1.59E-01
Sr-90 (pCi/L)	50820	11/30/89	Beta	1.99E-01
Sr-90 (pCi/L)	51060	3/16/90	Beta	<2.93E-01
U-234 (pCi/L)	50729	10/26/89	AEA	7.98E-02
U-234 (pCi/L)	50820	11/30/89	AEA	1.41E-01
U-234 (pCi/L)	51060	3/16/90	AEA	1.89E-01
U-238 (pCi/L)	50729	10/26/89	AEA	9.78E-02
U-238 (pCi/L)	50820	11/30/89	AEA	1.09E-01
U-238 (pCi/L)	51060	3/16/90	AEA	1.17E-01

DATA FOR T Plant Laboratory Wastewater-Plasma Torch Operation

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50971E	2/22/90	ICP	<5.00E+02
Barium	50971	2/22/90	ICP	2.50E+01
Barium (EP Toxic)	50971E	2/22/90	ICP	<1.00E+03
Boron	50971	2/22/90	ICP	2.40E+01
Cadmium (EP Toxic)	50971E	2/22/90	ICP	<1.00E+02
Calcium	50971	2/22/90	ICP	1.78E+04
Chloride	50971	2/22/90	IC	2.70E+03
Chromium (EP Toxic)	50971E	2/22/90	ICP	<5.00E+02
Fluoride	50971	2/22/90	IC	<5.00E+02
Fluoride	50971	2/22/90	ISE	1.13E+02
Iron	50971	2/22/90	ICP	1.25E+02
Lead (EP Toxic)	50971E	2/22/90	ICP	<5.00E+02
Magnesium	50971	2/22/90	ICP	4.10E+03
Manganese	50971	2/22/90	ICP	4.50E+01
Mercury (EP Toxic)	50971E	2/22/90	CVAA/M	<2.00E+01
Potassium	50971	2/22/90	ICP	7.01E+02
Selenium (EP Toxic)	50971E	2/22/90	ICP	<5.00E+02
Silicon	50971	2/22/90	ICP	2.11E+03
Silver (EP Toxic)	50971E	2/22/90	ICP	<5.00E+02
Sodium	50971	2/22/90	ICP	1.93E+03
Strontium	50971	2/22/90	ICP	8.70E+01
Sulfate	50971	2/22/90	IC	1.36E+04
Zinc	50971	2/22/90	ICP	2.90E+01
Ammonia	50971	2/22/90	ISE	6.90E+01
2-Butanone	50971	2/22/90	VOA	<1.00E+01
2-Butanone	50971B	2/22/90	VOA	1.30E+01
2-Butanone	50971T	2/22/90	VOA	1.30E+01
Dichloromethane	50971	2/22/90	VOA	<5.00E+00
Dichloromethane	50971B	2/22/90	VOA	5.00E+00
Dichloromethane	50971T	2/22/90	VOA	<5.00E+00
Trichloromethane	50971	2/22/90	VOA	1.50E+01
Trichloromethane	50971B	2/22/90	VOA	7.00E+00
Trichloromethane	50971T	2/22/90	VOA	<4.00E+00
Unknown	50971	2/22/90	ABN	2.20E+01
Alkalinity (Method B)	50971	2/22/90	TITRA	5.40E+04
Conductivity (uS)	50971	2/22/90	COND-Fld	1.49E+02
Ingitability (degrees F)	50971E	2/22/90	IGNIT	2.10E+02
pH (dimensionless)	50971	2/22/90	PH-Fld	7.47E+00
Reactivity Cyanide (mg/kg)	50971E	2/22/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50971E	2/22/90	D'TITRA	<1.00E+02
TDS (mg/L)	50971	2/22/90	TDS	7.80E+04
Temperature (degrees C)	50971	2/22/90	TEMP-Fld	2.44E+01
Total Carbon (ug/g)	50971	2/22/90	TC	1.39E+04
TOX (ug (Cl)/L)	50971	2/22/90	LTOX	8.00E+01

DATA FOR T Plant Laboratory Wastewater-Plasma Torch Standby

Constituent	Sample #	Date	Method	Result
Aluminum	50733	10/26/89	ICP	1.98E+02
Aluminum	50776	11/17/89	ICP	<1.50E+02
Aluminum	50800	11/28/89	ICP	<1.50E+02
Aluminum	50838	12/14/89	ICP	<1.50E+02
Arsenic (EP Toxic)	50733E	10/26/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50776E	11/17/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50800E	11/28/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50838E	12/14/89	ICP	<5.00E+02
Barium	50733	10/26/89	ICP	2.60E+01
Barium	50776	11/17/89	ICP	2.90E+01
Barium	50800	11/28/89	ICP	2.90E+01
Barium	50838	12/14/89	ICP	2.40E+01
Barium (EP Toxic)	50733E	10/26/89	ICP	<1.00E+03
Barium (EP Toxic)	50776E	11/17/89	ICP	<1.00E+03
Barium (EP Toxic)	50800E	11/28/89	ICP	<1.00E+03
Barium (EP Toxic)	50838E	12/14/89	ICP	<1.00E+03
Boron	50733	10/26/89	ICP	1.50E+01
Boron	50776	11/17/89	ICP	<1.00E+01
Boron	50800	11/28/89	ICP	1.40E+01
Boron	50838	12/14/89	ICP	1.40E+01
Cadmium (EP Toxic)	50733E	10/26/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50776E	11/17/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50800E	11/28/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50838E	12/14/89	ICP	<1.00E+02
Calcium	50733	10/26/89	ICP	1.77E+04
Calcium	50776	11/17/89	ICP	1.85E+04
Calcium	50800	11/28/89	ICP	1.81E+04
Calcium	50838	12/14/89	ICP	1.52E+04
Chloride	50733	10/26/89	IC	4.10E+03
Chloride	50776	11/17/89	IC	3.20E+03
Chloride	50800	11/28/89	IC	2.90E+03
Chloride	50838	12/14/89	IC	2.80E+03
Chromium (EP Toxic)	50733E	10/26/89	ICP	<5.00E+02
Chromium (EP Toxic)	50776E	11/17/89	ICP	<5.00E+02
Chromium (EP Toxic)	50800E	11/28/89	ICP	<5.00E+02
Chromium (EP Toxic)	50838E	12/14/89	ICP	<5.00E+02
Copper	50733	10/26/89	ICP	2.30E+01
Copper	50776	11/17/89	ICP	1.10E+01
Copper	50800	11/28/89	ICP	1.20E+01
Copper	50838	12/14/89	ICP	1.20E+01
Fluoride	50733	10/26/89	IC	<5.00E+02
Fluoride	50733	10/26/89	ISE	1.54E+02
Fluoride	50776	11/17/89	IC	<5.00E+02
Fluoride	50776	11/17/89	ISE	1.33E+02
Fluoride	50800	11/28/89	IC	<5.00E+02
Fluoride	50800	11/28/89	ISE	1.23E+02
Fluoride	50838	12/14/89	IC	<5.00E+02
Fluoride	50838	12/14/89	ISE	1.11E+02
Iron	50733	10/26/89	ICP	5.01E+02
Iron	50776	11/17/89	ICP	1.85E+02
Iron	50800	11/28/89	ICP	2.31E+02
Iron	50838	12/14/89	ICP	1.36E+02
Lead	50733	10/26/89	GFAA	1.30E+01

DATA FOR T Plant Laboratory Wastewater-Plasma Torch Standby
Continued

Constituent	Sample #	Date	Method	Result
Lead	50776	11/17/89	GFAA	<5.00E+00
Lead	50800	11/28/89	GFAA	<5.00E+00
Lead	50838	12/14/89	GFAA	<5.00E+00
Lead (EP Toxic)	50733E	10/26/89	ICP	<5.00E+02
Lead (EP Toxic)	50776E	11/17/89	ICP	<5.00E+02
Lead (EP Toxic)	50800E	11/28/89	ICP	<5.00E+02
Lead (EP Toxic)	50838E	12/14/89	ICP	<5.00E+02
Magnesium	50733	10/26/89	ICP	3.87E+03
Magnesium	50776	11/17/89	ICP	4.20E+03
Magnesium	50800	11/28/89	ICP	3.97E+03
Magnesium	50838	12/14/89	ICP	3.24E+03
Manganese	50733	10/26/89	ICP	2.28E+02
Manganese	50776	11/17/89	ICP	1.03E+02
Manganese	50800	11/28/89	ICP	9.00E+01
Manganese	50838	12/14/89	ICP	7.20E+01
Mercury (EP Toxic)	50733E	10/26/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50776E	11/17/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50800E	11/28/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50838E	12/14/89	CVAA/M	<2.00E+01
Nitrate	50733	10/26/89	IC	6.00E+02
Nitrate	50776	11/17/89	IC	<5.00E+02
Nitrate	50800	11/28/89	IC	<5.00E+02
Nitrate	50838	12/14/89	IC	<5.00E+02
Potassium	50733	10/26/89	ICP	7.62E+02
Potassium	50776	11/17/89	ICP	7.19E+02
Potassium	50800	11/28/89	ICP	6.93E+02
Potassium	50838	12/14/89	ICP	5.65E+02
Selenium (EP Toxic)	50733E	10/26/89	ICP	<5.00E+02
Selenium (EP Toxic)	50776E	11/17/89	ICP	<5.00E+02
Selenium (EP Toxic)	50800E	11/28/89	ICP	<5.00E+02
Selenium (EP Toxic)	50838E	12/14/89	ICP	<5.00E+02
Silicon	50733	10/26/89	ICP	2.08E+03
Silicon	50776	11/17/89	ICP	2.04E+03
Silicon	50800	11/28/89	ICP	2.10E+03
Silicon	50838	12/14/89	ICP	1.77E+03
Silver (EP Toxic)	50733E	10/26/89	ICP	<5.00E+02
Silver (EP Toxic)	50776E	11/17/89	ICP	<5.00E+02
Silver (EP Toxic)	50800E	11/28/89	ICP	<5.00E+02
Silver (EP Toxic)	50838E	12/14/89	ICP	<5.00E+02
Sodium	50733	10/26/89	ICP	2.19E+03
Sodium	50776	11/17/89	ICP	2.14E+03
Sodium	50800	11/28/89	ICP	1.93E+03
Sodium	50838	12/14/89	ICP	1.55E+03
Strontium	50733	10/26/89	ICP	9.10E+01
Strontium	50776	11/17/89	ICP	9.10E+01
Strontium	50800	11/28/89	ICP	9.00E+01
Strontium	50838	12/14/89	ICP	7.20E+01
Sulfate	50733	10/26/89	IC	1.30E+04
Sulfate	50776	11/17/89	IC	1.27E+04
Sulfate	50800	11/28/89	IC	1.30E+04
Sulfate	50838	12/14/89	IC	1.01E+04
Uranium	50733	10/26/89	GEA	3.44E-01
Uranium	50776	11/17/89	GEA	2.37E-01

DATA FOR T Plant Laboratory Wastewater-Plasma Torch Standby
Continued

Constituent	Sample #	Date	Method	Result
Uranium	50800	11/28/89	GEA	2.56E-01
Uranium	50838	12/14/89	GEA	7.08E-01
Zinc	50733	10/26/89	ICP	1.82E+02
Zinc	50776	11/17/89	ICP	1.10E+01
Zinc	50800	11/28/89	ICP	2.10E+01
Zinc	50838	12/14/89	ICP	2.70E+01
Acetone	50733	10/26/89	VOA	1.70E+01
Acetone	50733	10/26/89	ABN	<1.00E+01
Acetone	50733B	10/26/89	VOA	<1.00E+01
Acetone	50776	11/17/89	VOA	<1.00E+01
Acetone	50776	11/17/89	ABN	<1.00E+01
Acetone	50776B	11/17/89	VOA	<1.00E+01
Acetone	50800	11/28/89	VOA	<1.00E+01
Acetone	50800	11/28/89	ABN	<1.00E+01
Acetone	50800B	11/28/89	VOA	<1.00E+01
Acetone	50800T	11/28/89	VOA	<1.00E+01
Acetone	50838	12/14/89	VOA	<1.00E+01
Acetone	50838	12/14/89	ABN	<1.00E+01
Acetone	50838B	12/14/89	VOA	<1.00E+01
Acetone	50838T	12/14/89	VOA	<1.00E+01
Ammonia	50733	10/26/89	ISE	5.60E+01
Ammonia	50776	11/17/89	ISE	<5.00E+01
Ammonia	50800	11/28/89	ISE	<5.00E+01
Ammonia	50838	12/14/89	ISE	<5.00E+01
2-Butanone	50733	10/26/89	VOA	<1.00E+01
2-Butanone	50733B	10/26/89	VOA	<1.00E+01
2-Butanone	50776	11/17/89	VOA	<1.00E+01
2-Butanone	50776B	11/17/89	VOA	<1.00E+01
2-Butanone	50800	11/28/89	VOA	<1.00E+01
2-Butanone	50800B	11/28/89	VOA	<1.00E+01
2-Butanone	50800T	11/28/89	VOA	<1.00E+01
2-Butanone	50838	12/14/89	VOA	<1.00E+01
2-Butanone	50838B	12/14/89	VOA	1.40E+01
2-Butanone	50838T	12/14/89	VOA	<1.00E+01
Dichloromethane	50733	10/26/89	VOA	<5.00E+00
Dichloromethane	50733B	10/26/89	VOA	5.00E+00
Dichloromethane	50776	11/17/89	VOA	<5.00E+00
Dichloromethane	50776B	11/17/89	VOA	<5.00E+00
Dichloromethane	50800	11/28/89	VOA	<5.00E+00
Dichloromethane	50800B	11/28/89	VOA	6.00E+00
Dichloromethane	50800T	11/28/89	VOA	5.00E+00
Dichloromethane	50838	12/14/89	VOA	<5.00E+00
Dichloromethane	50838B	12/14/89	VOA	6.00E+00
Dichloromethane	50838T	12/14/89	VOA	1.40E+03
Trichloromethane	50733	10/26/89	VOA	3.50E+01
Trichloromethane	50733B	10/26/89	VOA	<5.00E+00
Trichloromethane	50776	11/17/89	VOA	2.90E+01
Trichloromethane	50776B	11/17/89	VOA	<4.00E+00
Trichloromethane	50800	11/28/89	VOA	2.60E+01
Trichloromethane	50800B	11/28/89	VOA	1.10E+01
Trichloromethane	50800T	11/28/89	VOA	8.00E+00
Trichloromethane	50838	12/14/89	VOA	1.60E+01
Trichloromethane	50838B	12/14/89	VOA	<5.00E+00

DATA FOR T Plant Laboratory Wastewater-Plasma Torch Standby
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	50838T	12/14/89	VOA	<5.00E+00
Unknown	50776	11/17/89	ABN	4.50E+01
Alkalinity (Method B)	50733	10/26/89	TITRA	5.00E+04
Alkalinity (Method B)	50776	11/17/89	TITRA	5.20E+04
Alkalinity (Method B)	50800	11/28/89	TITRA	5.20E+04
Alkalinity (Method B)	50838	12/14/89	TITRA	4.10E+04
Alpha Activity (pCi/L)	50733	10/26/89	Alpha	<1.20E-01
Alpha Activity (pCi/L)	50776	11/17/89	Alpha	<3.91E-01
Alpha Activity (pCi/L)	50800	11/28/89	Alpha	1.64E+00
Alpha Activity (pCi/L)	50838	12/14/89	Alpha	8.98E-01
Beta Activity (pCi/L)	50776	11/17/89	Beta	3.40E+00
Beta Activity (pCi/L)	50800	11/28/89	Beta	2.41E+00
Beta Activity (pCi/L)	50838	12/14/89	Beta	5.53E+00
Conductivity (uS)	50733	10/26/89	COND-Fld	1.53E+02
Conductivity (uS)	50776	11/17/89	COND-Fld	1.66E+02
Conductivity (uS)	50800	11/28/89	COND-Fld	1.69E+02
Conductivity (uS)	50838	12/14/89	COND-Fld	1.65E+02
Ignitability (degrees F)	50733E	10/26/89	IGNIT	2.12E+02
Ignitability (degrees F)	50776E	11/17/89	IGNIT	2.10E+02
Ignitability (degrees F)	50800E	11/28/89	IGNIT	2.12E+02
Ignitability (degrees F)	50838E	12/14/89	IGNIT	2.12E+02
pH (dimensionless)	50733	10/26/89	PH-Fld	7.60E+00
pH (dimensionless)	50776	11/17/89	PH-Fld	6.47E+00
pH (dimensionless)	50800	11/28/89	PH-Fld	7.60E+00
pH (dimensionless)	50838	12/14/89	PH-Fld	7.80E+00
Reactivity Cyanide (mg/kg)	50733E	10/26/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50776E	11/17/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50800E	11/28/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50838E	12/14/89	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50733E	10/26/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50776E	11/17/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50800E	11/28/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50838E	12/14/89	DTITRA	<1.00E+02
TDS (mg/L)	50733	10/26/89	TDS	9.50E+03
TDS (mg/L)	50776	11/17/89	TDS	6.80E+04
TDS (mg/L)	50800	11/28/89	TDS	9.20E+04
TDS (mg/L)	50838	12/14/89	TDS	5.90E+04
Temperature (degrees C)	50733	10/26/89	TEMP-Fld	2.89E+01
Temperature (degrees C)	50776	11/17/89	TEMP-Fld	1.97E+01
Temperature (degrees C)	50800	11/28/89	TEMP-Fld	2.76E+01
Temperature (degrees C)	50838	12/14/89	TEMP-Fld	4.76E+01
Total Carbon (ug/g)	50733	10/26/89	TC	1.35E+04
Total Carbon (ug/g)	50776	11/17/89	TC	1.35E+04
Total Carbon (ug/g)	50800	11/28/89	TC	1.38E+04
Total Carbon (ug/g)	50838	12/14/89	TC	1.09E+04
TOX (ug (Cl)/L)	50733	10/26/89	LTOX	2.04E+02
TOX (ug (Cl)/L)	50776	11/17/89	LTOX	1.82E+02
TOX (ug (Cl)/L)	50800	11/28/89	LTOX	1.54E+02
TOX (ug (Cl)/L)	50838	12/14/89	LTOX	2.55E+02
Co-60 (pCi/L)	50733	10/26/89	GEA	<2.77E-01
Co-60 (pCi/L)	50776	11/17/89	GEA	2.83E+00
Co-60 (pCi/L)	50800	11/28/89	GEA	<9.74E-01
Co-60 (pCi/L)	50838	12/14/89	GEA	<4.60E-01

DATA FOR T Plant Laboratory Wastewater-Plasma Torch Standby
Continued

Constituent	Sample #	Date	Method	Result
Cs-137 (pCi/L)	50733	10/26/89	GEA	<3.93E-01
Cs-137 (pCi/L)	50776	11/17/89	GEA	<8.32E-01
Cs-137 (pCi/L)	50800	11/28/89	GEA	<6.76E-01
Cs-137 (pCi/L)	50838	12/14/89	GEA	3.46E+00
Radium Total (pCi/L)	50733	10/26/89	Alpha-Ra	<6.09E-02
Radium Total (pCi/L)	50776	11/17/89	Alpha-Ra	3.10E-01
Radium Total (pCi/L)	50800	11/28/89	Alpha-Ra	<6.59E-02
Radium Total (pCi/L)	50838	12/14/89	Alpha-Ra	<9.77E-02

DATA FOR T Plant Wastewater

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50681E	10/13/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50697E	10/17/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50808E	11/28/89	ICP	<5.00E+02
Arsenic (EP Toxic)	51036E	3/09/90	ICP	<5.00E+02
Barium	50681	10/13/89	ICP	3.30E+01
Barium	50697	10/17/89	ICP	3.00E+01
Barium	50808	11/28/89	ICP	2.70E+01
Barium	51036	3/09/90	ICP	3.00E+01
Barium (EP Toxic)	50681E	10/13/89	ICP	<1.00E+03
Barium (EP Toxic)	50697E	10/17/89	ICP	<1.00E+03
Barium (EP Toxic)	50808E	11/28/89	ICP	<1.00E+03
Barium (EP Toxic)	51036E	3/09/90	ICP	<1.00E+03
Boron	50681	10/13/89	ICP	2.20E+01
Boron	50697	10/17/89	ICP	<1.00E+01
Boron	50808	11/28/89	ICP	1.30E+01
Boron	51036	3/09/90	ICP	3.50E+01
Cadmium	50681	10/13/89	ICP	2.00E+00
Cadmium	50697	10/17/89	ICP	<2.00E+00
Cadmium	50808	11/28/89	ICP	<2.00E+00
Cadmium	51036	3/09/90	ICP	<2.00E+00
Cadmium (EP Toxic)	50681E	10/13/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50697E	10/17/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50808E	11/28/89	ICP	<1.00E+02
Cadmium (EP Toxic)	51036E	3/09/90	ICP	<1.00E+02
Calcium	50681	10/13/89	ICP	2.18E+04
Calcium	50697	10/17/89	ICP	1.84E+04
Calcium	50808	11/28/89	ICP	1.50E+04
Calcium	51036	3/09/90	ICP	2.10E+04
Chloride	50681	10/13/89	IC	1.30E+03
Chloride	50697	10/17/89	IC	1.10E+03
Chloride	50808	11/28/89	IC	1.10E+03
Chloride	51036	3/09/90	IC	1.20E+03
Chromium (EP Toxic)	50681E	10/13/89	ICP	<5.00E+02
Chromium (EP Toxic)	50697E	10/17/89	ICP	<5.00E+02
Chromium (EP Toxic)	50808E	11/28/89	ICP	<5.00E+02
Chromium (EP Toxic)	51036E	3/09/90	ICP	<5.00E+02
Copper	50681	10/13/89	ICP	<1.00E+01
Copper	50697	10/17/89	ICP	1.80E+01
Copper	50808	11/28/89	ICP	3.20E+01
Copper	51036	3/09/90	ICP	<1.00E+01
Fluoride	50681	10/13/89	IC	<5.00E+02
Fluoride	50681	10/13/89	ISE	1.71E+02
Fluoride	50697	10/17/89	IC	<5.00E+02
Fluoride	50697	10/17/89	ISE	1.46E+02
Fluoride	50808	11/28/89	IC	<5.00E+02
Fluoride	50808	11/28/89	ISE	1.29E+02
Fluoride	51036	3/09/90	IC	<5.00E+02
Fluoride	51036	3/09/90	ISE	1.33E+02
Iron	50681	10/13/89	ICP	9.20E+01
Iron	50697	10/17/89	ICP	3.40E+01
Iron	50808	11/28/89	ICP	3.10E+01
Iron	51036	3/09/90	ICP	5.90E+01
Lead (EP Toxic)	50681E	10/13/89	ICP	<5.00E+02

DATA FOR T Plant Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Lead (EP Toxic)	50697E	10/17/89	ICP	<5.00E+02
Lead (EP Toxic)	50808E	11/28/89	ICP	<5.00E+02
Lead (EP Toxic)	51036E	3/09/90	ICP	<5.00E+02
Magnesium	50681	10/13/89	ICP	4.09E+03
Magnesium	50697	10/17/89	ICP	3.98E+03
Magnesium	50808	11/28/89	ICP	3.35E+03
Magnesium	51036	3/09/90	ICP	4.48E+03
Manganese	50681	10/13/89	ICP	2.10E+01
Manganese	50697	10/17/89	ICP	<5.00E+00
Manganese	50808	11/28/89	ICP	<5.00E+00
Manganese	51036	3/09/90	ICP	<5.00E+00
Mercury (EP Toxic)	50681E	10/13/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50697E	10/17/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50808E	11/28/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51036E	3/09/90	CVAA/M	<2.00E+01
Nitrate	50681	10/13/89	IC	<5.00E+02
Nitrate	50697	10/17/89	IC	<5.00E+02
Nitrate	50808	11/28/89	IC	5.00E+02
Nitrate	51036	3/09/90	IC	<5.00E+02
Potassium	50681	10/13/89	ICP	8.89E+02
Potassium	50697	10/17/89	ICP	6.70E+02
Potassium	50808	11/28/89	ICP	7.07E+02
Potassium	51036	3/09/90	ICP	7.62E+02
Selenium (EP Toxic)	50681E	10/13/89	ICP	<5.00E+02
Selenium (EP Toxic)	50697E	10/17/89	ICP	<5.00E+02
Selenium (EP Toxic)	50808E	11/28/89	ICP	<5.00E+02
Selenium (EP Toxic)	51036E	3/09/90	ICP	<5.00E+02
Silicon	50681	10/13/89	ICP	1.98E+03
Silicon	50697	10/17/89	ICP	1.96E+03
Silicon	50808	11/28/89	ICP	2.06E+03
Silicon	51036	3/09/90	ICP	2.21E+03
Silver (EP Toxic)	50681E	10/13/89	ICP	<5.00E+02
Silver (EP Toxic)	50697E	10/17/89	ICP	<5.00E+02
Silver (EP Toxic)	50808E	11/28/89	ICP	<5.00E+02
Silver (EP Toxic)	51036E	3/09/90	ICP	<5.00E+02
Sodium	50681	10/13/89	ICP	2.27E+03
Sodium	50697	10/17/89	ICP	2.04E+03
Sodium	50808	11/28/89	ICP	1.73E+03
Sodium	51036	3/09/90	ICP	2.09E+03
Strontium	50681	10/13/89	ICP	1.12E+02
Strontium	50697	10/17/89	ICP	9.50E+01
Strontium	50808	11/28/89	ICP	7.70E+01
Strontium	51036	3/09/90	ICP	9.80E+01
Sulfate	50681	10/13/89	IC	1.05E+04
Sulfate	50697	10/17/89	IC	1.02E+04
Sulfate	50808	11/28/89	IC	9.10E+03
Sulfate	51036	3/09/90	IC	1.08E+04
Uranium	50681	10/13/89	GEA	6.88E-01
Uranium	50697	10/17/89	GEA	2.33E-01
Uranium	50808	11/28/89	GEA	4.88E-01
Uranium	51036	3/09/90	GEA	4.70E-01
Zinc	50681	10/13/89	ICP	1.72E+02
Zinc	50697	10/17/89	ICP	7.00E+00

DATA FOR T Plant Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Zinc	50808	11/28/89	ICP	<5.00E+00
Zinc	51036	3/09/90	ICP	3.30E+01
Acetone	50681	10/13/89	VOA	<1.00E+01
Acetone	50681	10/13/89	ABN	<1.00E+01
Acetone	50681B	10/13/89	VOA	<6.00E+00
Acetone	50681T	10/13/89	VOA	1.70E+01
Acetone	50697	10/17/89	VOA	<6.00E+00
Acetone	50697	10/17/89	ABN	<1.00E+01
Acetone	50697B	10/17/89	VOA	<1.00E+01
Acetone	50697T	10/17/89	VOA	<1.00E+01
Acetone	50808	11/28/89	VOA	<1.00E+01
Acetone	50808	11/28/89	ABN	<1.00E+01
Acetone	50808B	11/28/89	VOA	<1.00E+01
Acetone	50808T	11/28/89	VOA	<1.00E+01
Acetone	51036	3/09/90	VOA	<1.00E+01
Acetone	51036	3/09/90	ABN	<1.00E+01
Acetone	51036B	3/09/90	VOA	<1.00E+01
Acetone	51036T	3/09/90	VOA	<5.00E+00
Ammonia	50681	10/13/89	ISE	6.20E+01
Ammonia	50697	10/17/89	ISE	5.40E+01
Ammonia	50808	11/28/89	ISE	<5.00E+01
Ammonia	51036	3/09/90	ISE	<5.00E+01
1-Butanol	50681	10/13/89	DIGC	<1.00E+04
1-Butanol	50697	10/17/89	DIGC	<1.00E+04
1-Butanol	50808	11/28/89	DIGC	<1.00E+04
1-Butanol	51036	3/09/90	VOA	1.20E+01
1-Butanol	51036	3/09/90	DIGC	<1.00E+04
1-Butanol	51036B	3/09/90	VOA	1.00E+01
1-Butanol	51036T	3/09/90	VOA	1.10E+01
Dichloromethane	50681	10/13/89	VOA	<5.00E+00
Dichloromethane	50681B	10/13/89	VOA	4.10E+02
Dichloromethane	50681T	10/13/89	VOA	4.20E+02
Dichloromethane	50697	10/17/89	VOA	<5.00E+00
Dichloromethane	50697B	10/17/89	VOA	<3.00E+00
Dichloromethane	50697T	10/17/89	VOA	1.20E+01
Dichloromethane	50808	11/28/89	VOA	<5.00E+00
Dichloromethane	50808B	11/28/89	VOA	6.00E+00
Dichloromethane	50808T	11/28/89	VOA	6.00E+00
Dichloromethane	51036	3/09/90	VOA	<5.00E+00
Dichloromethane	51036B	3/09/90	VOA	<5.00E+00
Dichloromethane	51036T	3/09/90	VOA	<5.00E+00
Tetrahydrofuran	50681	10/13/89	VOA	<1.00E+01
Tetrahydrofuran	50681B	10/13/89	VOA	<1.00E+01
Tetrahydrofuran	50681T	10/13/89	VOA	<1.00E+01
Tetrahydrofuran	50697	10/17/89	VOA	<1.00E+01
Tetrahydrofuran	50697B	10/17/89	VOA	1.40E+01
Tetrahydrofuran	50697T	10/17/89	VOA	<1.00E+01
Tetrahydrofuran	50808	11/28/89	VOA	<1.00E+01
Tetrahydrofuran	50808B	11/28/89	VOA	<8.00E+00
Tetrahydrofuran	50808T	11/28/89	VOA	<6.00E+00
Tetrahydrofuran	51036	3/09/90	VOA	<1.00E+01
Tetrahydrofuran	51036B	3/09/90	VOA	<1.00E+01
Tetrahydrofuran	51036T	3/09/90	VOA	<6.00E+00

DATA FOR T Plant Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	50681	10/13/89	VOA	<5.00E+00
Trichloromethane	50681B	10/13/89	VOA	<5.00E+00
Trichloromethane	50681T	10/13/89	VOA	<5.00E+00
Trichloromethane	50697	10/17/89	VOA	<5.00E+00
Trichloromethane	50697B	10/17/89	VOA	<5.00E+00
Trichloromethane	50697T	10/17/89	VOA	<5.00E+00
Trichloromethane	50808	11/28/89	VOA	<5.00E+00
Trichloromethane	50808B	11/28/89	VOA	7.00E+00
Trichloromethane	50808T	11/28/89	VOA	6.00E+00
Trichloromethane	51036	3/09/90	VOA	<5.00E+00
Trichloromethane	51036B	3/09/90	VOA	<5.00E+00
Trichloromethane	51036T	3/09/90	VOA	<5.00E+00
Unknown amide	50697	10/17/89	ABN	2.60E+01
Alkalinity (Method B)	50681	10/13/89	TITRA	5.80E+04
Alkalinity (Method B)	50697	10/17/89	TITRA	5.80E+04
Alkalinity (Method B)	50808	11/28/89	TITRA	5.30E+04
Alkalinity (Method B)	51036	3/09/90	TITRA	5.90E+04
Beta Activity (pCi/L)	50681	10/13/89	Beta	<1.93E+00
Beta Activity (pCi/L)	50697	10/17/89	Beta	<7.96E-01
Beta Activity (pCi/L)	50808	11/28/89	Beta	4.01E+00
Beta Activity (pCi/L)	51036	3/09/90	Beta	3.63E+00
Conductivity (uS)	50681	10/13/89	COND-Fld	1.21E+02
Conductivity (uS)	50697	10/17/89	COND-Fld	1.22E+02
Conductivity (uS)	50808	11/28/89	COND-Fld	2.00E+02
Conductivity (uS)	51036	3/09/90	COND-Fld	1.47E+02
Ignitability (degrees F)	50681E	10/13/89	IGNIT	2.12E+02
Ignitability (degrees F)	50697E	10/17/89	IGNIT	2.10E+02
Ignitability (degrees F)	50808E	11/28/89	IGNIT	2.08E+02
Ignitability (degrees F)	51036E	3/09/90	IGNIT	2.14E+02
pH (dimensionless)	50681	10/13/89	PH-Fld	6.80E+00
pH (dimensionless)	50697	10/17/89	PH-Fld	7.20E+00
pH (dimensionless)	50808	11/28/89	PH-Fld	7.55E+00
pH (dimensionless)	51036	3/09/90	PH-Fld	7.70E+00
Reactivity Cyanide (mg/kg)	50681E	10/13/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50697E	10/17/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50808E	11/28/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51036E	3/09/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50681E	10/13/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50697E	10/17/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50808E	11/28/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51036E	3/09/90	DTITRA	<1.00E+02
TDS (mg/L)	50681	10/13/89	TDS	5.80E+04
TDS (mg/L)	50697	10/17/89	TDS	6.10E+04
TDS (mg/L)	50808	11/28/89	TDS	6.30E+04
TDS (mg/L)	51036	3/09/90	TDS	6.00E+04
Temperature (degrees C)	50681	10/13/89	TEMP-Fld	1.75E+01
Temperature (degrees C)	50697	10/17/89	TEMP-Fld	1.81E+01
Temperature (degrees C)	50808	11/28/89	TEMP-Fld	1.56E+01
Temperature (degrees C)	51036	3/09/90	TEMP-Fld	1.40E+01
TOC (ug/g)	50681	10/13/89	TOC	<1.80E+03
TOC (ug/g)	50697	10/17/89	TOC	<1.50E+03
TOC (ug/g)	50808	11/28/89	TOC	<1.20E+03
TOC (ug/g)	51036	3/09/90	TOC	1.00E+03

DATA FOR T Plant Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Total Carbon (ug/g)	50681	10/13/89	TC	1.50E+04
Total Carbon (ug/g)	50697	10/17/89	TC	1.60E+04
Total Carbon (ug/g)	50808	11/28/89	TC	1.54E+04
Total Carbon (ug/g)	51036	3/09/90	TC	1.54E+04
TOX (ug (Cl)/L)	50681	10/13/89	LTOX	1.40E+01
TOX (ug (Cl)/L)	50697	10/17/89	LTOX	<8.00E+00
TOX (ug (Cl)/L)	50808	11/28/89	LTOX	2.00E+01
TOX (ug (Cl)/L)	51036	3/09/90	LTOX	<9.00E+00
Cs-137 (pCi/L)	50681	10/13/89	GEA	<4.34E-02
Cs-137 (pCi/L)	50697	10/17/89	GEA	<1.89E-01
Cs-137 (pCi/L)	50808	11/28/89	GEA	<9.76E-01
Cs-137 (pCi/L)	51036	3/09/90	GEA	1.86E+00
Radium Total (pCi/L)	50681	10/13/89	Alpha-Ra	<1.39E-01
Radium Total (pCi/L)	50697	10/17/89	Alpha-Ra	1.48E-01
Radium Total (pCi/L)	51036	3/09/90	Alpha-Ra	<3.79E-02

DATA FOR UO3/U Plants Wastewater

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50822E	12/01/89	ICP	<5.00E+02
Arsenic (EP Toxic)	51000E	3/02/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51048E	3/14/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51083E	3/22/90	ICP	<5.00E+02
Barium	50822	12/01/89	ICP	3.00E+01
Barium	51000	3/02/90	ICP	2.80E+01
Barium	51048	3/14/90	ICP	3.00E+01
Barium	51083	3/22/90	ICP	2.90E+01
Barium (EP Toxic)	50822E	12/01/89	ICP	<1.00E+03
Barium (EP Toxic)	51000E	3/02/90	ICP	<1.00E+03
Barium (EP Toxic)	51048E	3/14/90	ICP	<1.00E+03
Barium (EP Toxic)	51083E	3/22/90	ICP	<1.00E+03
Boron	50822	12/01/89	ICP	1.10E+01
Boron	51000	3/02/90	ICP	3.30E+01
Boron	51048	3/14/90	ICP	2.40E+01
Boron	51083	3/22/90	ICP	1.00E+01
Cadmium (EP Toxic)	50822E	12/01/89	ICP	<1.00E+02
Cadmium (EP Toxic)	51000E	3/02/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51048E	3/14/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51083E	3/22/90	ICP	<1.00E+02
Calcium	50822	12/01/89	ICP	1.77E+04
Calcium	51000	3/02/90	ICP	1.78E+04
Calcium	51048	3/14/90	ICP	1.82E+04
Calcium	51083	3/22/90	ICP	1.79E+04
Chloride	50822	12/01/89	IC	9.00E+02
Chloride	51000	3/02/90	IC	9.20E+02
Chloride	51048	3/14/90	IC	1.00E+03
Chloride	51083	3/22/90	IC	9.00E+02
Chromium (EP Toxic)	50822E	12/01/89	ICP	<5.00E+02
Chromium (EP Toxic)	51000E	3/02/90	ICP	<5.00E+02
Chromium (EP Toxic)	51048E	3/14/90	ICP	<5.00E+02
Chromium (EP Toxic)	51083E	3/22/90	ICP	<5.00E+02
Copper	50822	12/01/89	ICP	3.10E+01
Copper	51000	3/02/90	ICP	2.20E+01
Copper	51048	3/14/90	ICP	<1.00E+01
Copper	51083	3/22/90	ICP	1.20E+01
Fluoride	50822	12/01/89	IC	<5.00E+02
Fluoride	50822	12/01/89	ISE	1.33E+02
Fluoride	51000	3/02/90	IC	<5.00E+02
Fluoride	51000	3/02/90	ISE	1.29E+02
Fluoride	51048	3/14/90	IC	<5.00E+02
Fluoride	51048	3/14/90	ISE	1.16E+02
Fluoride	51083	3/22/90	IC	<5.00E+02
Fluoride	51083	3/22/90	ISE	1.38E+02
Iron	50822	12/01/89	ICP	<3.00E+01
Iron	51000	3/02/90	ICP	3.50E+01
Iron	51048	3/14/90	ICP	<3.00E+01
Iron	51083	3/22/90	ICP	<3.00E+01
Lead (EP Toxic)	50822E	12/01/89	ICP	<5.00E+02
Lead (EP Toxic)	51000E	3/02/90	ICP	<5.00E+02
Lead (EP Toxic)	51048E	3/14/90	ICP	<5.00E+02
Lead (EP Toxic)	51083E	3/22/90	ICP	<5.00E+02
Magnesium	50822	12/01/89	ICP	3.98E+03

DATA FOR UO3/U Plants Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	51000	3/02/90	ICP	4.17E+03
Magnesium	51048	3/14/90	ICP	4.54E+03
Magnesium	51083	3/22/90	ICP	4.55E+03
Mercury (EP Toxic)	50822E	12/01/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51000E	3/02/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51048E	3/14/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51083E	3/22/90	CVAA/M	<2.00E+01
Nitrate	50822	12/01/89	IC	5.00E+02
Nitrate	51000	3/02/90	IC	5.97E+02
Nitrate	51048	3/14/90	IC	<5.00E+02
Nitrate	51083	3/22/90	IC	<5.00E+02
Potassium	50822	12/01/89	ICP	6.86E+02
Potassium	51000	3/02/90	ICP	6.85E+02
Potassium	51048	3/14/90	ICP	7.52E+02
Potassium	51083	3/22/90	ICP	7.40E+02
Selenium (EP Toxic)	50822E	12/01/89	ICP	<5.00E+02
Selenium (EP Toxic)	51000E	3/02/90	ICP	<5.00E+02
Selenium (EP Toxic)	51048E	3/14/90	ICP	<5.00E+02
Selenium (EP Toxic)	51083E	3/22/90	ICP	<5.00E+02
Silicon	50822	12/01/89	ICP	2.22E+03
Silicon	51000	3/02/90	ICP	2.17E+03
Silicon	51048	3/14/90	ICP	2.19E+03
Silicon	51083	3/22/90	ICP	2.03E+03
Silver (EP Toxic)	50822E	12/01/89	ICP	<5.00E+02
Silver (EP Toxic)	51000E	3/02/90	ICP	<5.00E+02
Silver (EP Toxic)	51048E	3/14/90	ICP	<5.00E+02
Silver (EP Toxic)	51083E	3/22/90	ICP	<5.00E+02
Sodium	50822	12/01/89	ICP	1.89E+03
Sodium	51000	3/02/90	ICP	1.88E+03
Sodium	51048	3/14/90	ICP	2.11E+03
Sodium	51083	3/22/90	ICP	2.03E+03
Strontium	50822	12/01/89	ICP	8.80E+01
Strontium	51000	3/02/90	ICP	9.50E+01
Strontium	51048	3/14/90	ICP	9.80E+01
Strontium	51083	3/22/90	ICP	9.60E+01
Sulfate	50822	12/01/89	IC	8.90E+03
Sulfate	51000	3/02/90	IC	1.03E+04
Sulfate	51048	3/14/90	IC	1.06E+04
Sulfate	51083	3/22/90	IC	1.02E+04
Thallium	50822	12/01/89	GFAA	7.00E+00
Thallium	51000	3/02/90	GFAA	<5.00E+00
Thallium	51048	3/14/90	GFAA	<5.00E+00
Thallium	51083	3/22/90	GFAA	<5.00E+00
Uranium	50822	12/01/89	GEA	3.27E+00
Uranium	51000	3/02/90	GEA	5.75E-01
Uranium	51048	3/14/90	GEA	7.36E-01
Uranium	51083	3/22/90	GEA	6.88E-01
Zinc	50822	12/01/89	ICP	<5.00E+00
Zinc	51000	3/02/90	ICP	6.00E+00
Zinc	51048	3/14/90	ICP	5.00E+00
Zinc	51083	3/22/90	ICP	<5.00E+00
Ammonia	50822	12/01/89	ISE	6.30E+01
Ammonia	51000	3/02/90	ISE	<5.00E+01

DATA FOR UO3/U Plants Wastewater
Continued

Constituent	Sample #	Date	Method	Result
Ammonia	51048	3/14/90	ISE	<5.00E+01
Ammonia	51083	3/22/90	ISE	<5.00E+01
1-Butanol	50822	12/01/89	DIGC	<1.00E+04
1-Butanol	51000	3/02/90	DIGC	<1.00E+04
1-Butanol	51000B	3/02/90	VOA	4.00E+01
1-Butanol	51000T	3/02/90	VOA	3.90E+01
1-Butanol	51048	3/14/90	DIGC	<1.00E+04
1-Butanol	51083	3/22/90	DIGC	<1.00E+04
Dichloromethane	50822	12/01/89	VOA	<5.00E+00
Dichloromethane	50822B	12/01/89	VOA	1.55E+03
Dichloromethane	50822T	12/01/89	VOA	1.70E+03
Dichloromethane	51000	3/02/90	VOA	<5.00E+00
Dichloromethane	51000B	3/02/90	VOA	<5.00E+00
Dichloromethane	51000T	3/02/90	VOA	<5.00E+00
Dichloromethane	51048	3/14/90	VOA	<5.00E+00
Dichloromethane	51048B	3/14/90	VOA	<3.00E+00
Dichloromethane	51048T	3/14/90	VOA	<5.00E+00
Dichloromethane	51083	3/22/90	VOA	<5.00E+00
Dichloromethane	51083B	3/22/90	VOA	<5.00E+00
Dichloromethane	51083T	3/22/90	VOA	<5.00E+00
Alkalinity (Method B)	50822	12/01/89	TITRA	5.40E+04
Alkalinity (Method B)	51000	3/02/90	TITRA	5.80E+04
Alkalinity (Method B)	51048	3/14/90	TITRA	5.90E+04
Alkalinity (Method B)	51083	3/22/90	TITRA	5.80E+04
Alpha Activity (pCi/L)	50822	12/01/89	Alpha	5.09E+00
Alpha Activity (pCi/L)	51000	3/02/90	Alpha	9.48E-01
Alpha Activity (pCi/L)	51048	3/14/90	Alpha	<8.65E-01
Alpha Activity (pCi/L)	51083	3/22/90	Alpha	<3.76E-01
Beta Activity (pCi/L)	50822	12/01/89	Beta	2.37E+00
Beta Activity (pCi/L)	51048	3/14/90	Beta	2.31E+00
Beta Activity (pCi/L)	51083	3/22/90	Beta	<1.92E+00
Conductivity (uS)	50822	12/01/89	COND-Fld	1.38E+02
Conductivity (uS)	51000	3/02/90	COND-Fld	1.23E+02
Conductivity (uS)	51048	3/14/90	COND-Fld	1.35E+02
Conductivity (uS)	51083	3/22/90	COND-Fld	1.27E+02
Ingitability (degrees F)	50822E	12/01/89	IGNIT	2.10E+02
Ingitability (degrees F)	51000E	3/02/90	IGNIT	2.10E+02
Ingitability (degrees F)	51048E	3/14/90	IGNIT	2.02E+02
Ingitability (degrees F)	51083E	3/22/90	IGNIT	1.96E+02
pH (dimensionless)	50822	12/01/89	PH-Fld	6.25E+00
pH (dimensionless)	51000	3/02/90	PH-Fld	7.40E+00
pH (dimensionless)	51048	3/14/90	PH-Fld	7.22E+00
pH (dimensionless)	51083	3/22/90	PH-Fld	7.23E+00
Reactivity Cyanide (mg/kg)	50822E	12/01/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51000E	3/02/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51048E	3/14/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51083E	3/22/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50822E	12/01/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51000E	3/02/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51048E	3/14/90	DTITRA	<1.00E+02
TDS (mg/L)	50822	12/01/89	TDS	6.60E+04
TDS (mg/L)	51000	3/02/90	TDS	6.40E+04
TDS (mg/L)	51048	3/14/90	TDS	6.90E+04

DATA FOR UO3/U Plants Wastewater
Continued

Constituent	Sample #	Date	Method	Result
TDS (mg/L)	51083	3/22/90	TDS	7.90E+04
Temperature (degrees C)	50822	12/01/89	TEMP-Fld	1.61E+01
Temperature (degrees C)	51000	3/02/90	TEMP-Fld	9.70E+00
Temperature (degrees C)	51048	3/14/90	TEMP-Fld	1.02E+01
Temperature (degrees C)	51083	3/22/90	TEMP-Fld	1.27E+01
TOC (ug/g)	50822	12/01/89	TOC	<1.20E+03
TOC (ug/g)	51000	3/02/90	TOC	<9.00E+02
TOC (ug/g)	51048	3/14/90	TOC	1.10E+03
TOC (ug/g)	51083	3/22/90	TOC	1.00E+03
Total Carbon (ug/g)	50822	12/01/89	TC	1.45E+04
Total Carbon (ug/g)	51000	3/02/90	TC	1.51E+04
Total Carbon (ug/g)	51048	3/14/90	TC	1.55E+04
Total Carbon (ug/g)	51083	3/22/90	TC	1.55E+04
TOX (ug (Cl)/L)	50822	12/01/89	LTOX	1.10E+01
TOX (ug (Cl)/L)	51000	3/02/90	LTOX	1.20E+01
TOX (ug (Cl)/L)	51048	3/14/90	LTOX	1.10E+01
TOX (ug (Cl)/L)	51083	3/22/90	LTOX	1.50E+01
Co-60 (pCi/L)	50822	12/01/89	GEA	<1.18E-01
Co-60 (pCi/L)	51000	3/02/90	GEA	<5.33E-02
Co-60 (pCi/L)	51048	3/14/90	GEA	1.23E+00
Co-60 (pCi/L)	51083	3/22/90	GEA	1.10E+00
Pu-239/240 (pCi/L)	51000	3/02/90	AEA	<1.75E-03
Pu-239/240 (pCi/L)	51048	3/14/90	AEA	<2.65E-03
Pu-239/240 (pCi/L)	51083	3/22/90	AEA	6.24E-03
U-234 (pCi/L)	50822	12/01/89	AEA	1.59E+00
U-234 (pCi/L)	51000	3/02/90	AEA	3.43E-01
U-234 (pCi/L)	51048	3/14/90	AEA	3.41E-01
U-234 (pCi/L)	51083	3/22/90	AEA	3.36E-01
U-235 (pCi/L)	50822	12/01/89	AEA	1.90E-01
U-235 (pCi/L)	51000	3/02/90	AEA	2.41E-02
U-235 (pCi/L)	51048	3/14/90	AEA	<5.56E-03
U-235 (pCi/L)	51083	3/22/90	AEA	<5.75E-03
U-238 (pCi/L)	50822	12/01/89	AEA	1.17E+00
U-238 (pCi/L)	51000	3/02/90	AEA	3.16E-01
U-238 (pCi/L)	51048	3/14/90	AEA	2.82E-01
U-238 (pCi/L)	51083	3/22/90	AEA	2.66E-01

DATA FOR 244-AR Vault Cooling Water

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50685E	10/13/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50693E	10/17/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50717E	10/24/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50947E	2/16/90	ICP	<5.00E+02
Barium	50685	10/13/89	ICP	3.60E+01
Barium	50693	10/17/89	ICP	3.20E+01
Barium	50717	10/24/89	ICP	3.00E+01
Barium	50947	2/16/90	ICP	2.90E+01
Barium (EP Toxic)	50685E	10/13/89	ICP	<1.00E+03
Barium (EP Toxic)	50693E	10/17/89	ICP	<1.00E+03
Barium (EP Toxic)	50717E	10/24/89	ICP	<1.00E+03
Barium (EP Toxic)	50947E	2/16/90	ICP	<1.00E+03
Boron	50685	10/13/89	ICP	1.50E+01
Boron	50693	10/17/89	ICP	<1.00E+01
Boron	50717	10/24/89	ICP	1.40E+01
Boron	50947	2/16/90	ICP	2.20E+01
Cadmium (EP Toxic)	50685E	10/13/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50693E	10/17/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50717E	10/24/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50947E	2/16/90	ICP	<1.00E+02
Calcium	50685	10/13/89	ICP	1.84E+04
Calcium	50693	10/17/89	ICP	1.92E+04
Calcium	50717	10/24/89	ICP	1.88E+04
Calcium	50947	2/16/90	ICP	1.79E+04
Chloride	50685	10/13/89	IC	1.00E+03
Chloride	50693	10/17/89	IC	1.00E+03
Chloride	50717	10/24/89	IC	1.20E+03
Chloride	50947	2/16/90	IC	9.00E+02
Chromium (EP Toxic)	50685E	10/13/89	ICP	<5.00E+02
Chromium (EP Toxic)	50693E	10/17/89	ICP	<5.00E+02
Chromium (EP Toxic)	50717E	10/24/89	ICP	<5.00E+02
Chromium (EP Toxic)	50947E	2/16/90	ICP	<5.00E+02
Copper	50685	10/13/89	ICP	<1.00E+01
Copper	50693	10/17/89	ICP	<1.00E+01
Copper	50717	10/24/89	ICP	<1.00E+01
Copper	50947	2/16/90	ICP	3.01E+02
Fluoride	50685	10/13/89	IC	<5.00E+02
Fluoride	50685	10/13/89	ISE	1.75E+02
Fluoride	50693	10/17/89	IC	<5.00E+02
Fluoride	50693	10/17/89	ISE	1.51E+02
Fluoride	50717	10/24/89	IC	<5.00E+02
Fluoride	50717	10/24/89	ISE	1.63E+02
Fluoride	50947	2/16/90	IC	<5.00E+02
Fluoride	50947	2/16/90	ISE	1.28E+02
Iron	50685	10/13/89	ICP	1.28E+02
Iron	50693	10/17/89	ICP	4.20E+01
Iron	50717	10/24/89	ICP	3.20E+01
Iron	50947	2/16/90	ICP	6.58E+02
Lead (EP Toxic)	50685E	10/13/89	ICP	<5.00E+02
Lead (EP Toxic)	50693E	10/17/89	ICP	<5.00E+02
Lead (EP Toxic)	50717E	10/24/89	ICP	<5.00E+02
Lead (EP Toxic)	50947E	2/16/90	ICP	<5.00E+02
Magnesium	50685	10/13/89	ICP	4.17E+03

DATA FOR 244-AR Vault Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	50693	10/17/89	ICP	4.16E+03
Magnesium	50717	10/24/89	ICP	4.03E+03
Magnesium	50947	2/16/90	ICP	4.23E+03
Manganese	50685	10/13/89	ICP	<5.00E+00
Manganese	50693	10/17/89	ICP	<5.00E+00
Manganese	50717	10/24/89	ICP	<5.00E+00
Manganese	50947	2/16/90	ICP	2.30E+01
Mercury (EP Toxic)	50685E	10/13/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50693E	10/17/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50717E	10/24/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50947E	2/16/90	CVAA/M	<2.00E+01
Nitrate	50685	10/13/89	IC	<5.00E+02
Nitrate	50693	10/17/89	IC	<5.00E+02
Nitrate	50717	10/24/89	IC	6.00E+02
Nitrate	50947	2/16/90	IC	6.00E+02
Potassium	50685	10/13/89	ICP	8.00E+02
Potassium	50693	10/17/89	ICP	7.27E+02
Potassium	50717	10/24/89	ICP	7.54E+02
Potassium	50947	2/16/90	ICP	7.50E+02
Selenium (EP Toxic)	50685E	10/13/89	ICP	<5.00E+02
Selenium (EP Toxic)	50693E	10/17/89	ICP	<5.00E+02
Selenium (EP Toxic)	50717E	10/24/89	ICP	<5.00E+02
Selenium (EP Toxic)	50947E	2/16/90	ICP	<5.00E+02
Silicon	50685	10/13/89	ICP	2.38E+03
Silicon	50693	10/17/89	ICP	2.31E+03
Silicon	50717	10/24/89	ICP	2.40E+03
Silicon	50947	2/16/90	ICP	2.55E+03
Silver (EP Toxic)	50685E	10/13/89	ICP	<5.00E+02
Silver (EP Toxic)	50693E	10/17/89	ICP	<5.00E+02
Silver (EP Toxic)	50717E	10/24/89	ICP	<5.00E+02
Silver (EP Toxic)	50947E	2/16/90	ICP	<5.00E+02
Sodium	50685	10/13/89	ICP	2.24E+03
Sodium	50693	10/17/89	ICP	2.21E+03
Sodium	50717	10/24/89	ICP	2.24E+03
Sodium	50947	2/16/90	ICP	2.03E+03
Strontium	50685	10/13/89	ICP	1.05E+02
Strontium	50693	10/17/89	ICP	1.01E+02
Strontium	50717	10/24/89	ICP	9.60E+01
Strontium	50947	2/16/90	ICP	8.70E+01
Sulfate	50685	10/13/89	IC	1.02E+04
Sulfate	50693	10/17/89	IC	1.05E+04
Sulfate	50717	10/24/89	IC	1.08E+04
Sulfate	50947	2/16/90	IC	1.00E+04
Uranium	50685	10/13/89	GEA	5.04E-01
Uranium	50693	10/17/89	GEA	5.59E-01
Uranium	50717	10/24/89	GEA	5.93E-01
Zinc	50685	10/13/89	ICP	7.00E+00
Zinc	50693	10/17/89	ICP	7.00E+00
Zinc	50717	10/24/89	ICP	5.00E+00
Zinc	50947	2/16/90	ICP	4.70E+01
Ammonia	50685	10/13/89	ISE	5.50E+01
Ammonia	50693	10/17/89	ISE	7.10E+01
Ammonia	50717	10/24/89	ISE	5.10E+01

DATA FOR 244-AR Vault Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Ammonia	50947	2/16/90	ISE	<5.00E+01
1-Butanol	50685	10/13/89	DIGC	<1.00E+04
1-Butanol	50693	10/17/89	DIGC	<1.00E+04
1-Butanol	50717	10/24/89	DIGC	<1.00E+04
1-Butanol	50947	2/16/90	VOA	5.00E+00
1-Butanol	50947	2/16/90	DIGC	<1.00E+04
2-Butanone	50685	10/13/89	VOA	<1.00E+01
2-Butanone	50685B	10/13/89	VOA	<1.00E+01
2-Butanone	50685T	10/13/89	VOA	<1.00E+01
2-Butanone	50693	10/17/89	VOA	<1.00E+01
2-Butanone	50693B	10/17/89	VOA	<1.00E+01
2-Butanone	50693T	10/17/89	VOA	<5.00E+00
2-Butanone	50717	10/24/89	VOA	<1.00E+01
2-Butanone	50717B	10/24/89	VOA	1.30E+01
2-Butanone	50717T	10/24/89	VOA	<1.00E+01
2-Butanone	50947	2/16/90	VOA	<1.00E+01
2-Butanone	50947B	2/16/90	VOA	<1.00E+01
2-Butanone	50947T	2/16/90	VOA	<5.00E+00
Dichloromethane	50685	10/13/89	VOA	<5.00E+00
Dichloromethane	50685B	10/13/89	VOA	3.90E+02
Dichloromethane	50685T	10/13/89	VOA	3.70E+02
Dichloromethane	50693	10/17/89	VOA	<5.00E+00
Dichloromethane	50693B	10/17/89	VOA	<3.00E+00
Dichloromethane	50693T	10/17/89	VOA	1.40E+01
Dichloromethane	50717	10/24/89	VOA	<5.00E+00
Dichloromethane	50717B	10/24/89	VOA	5.00E+00
Dichloromethane	50717T	10/24/89	VOA	6.10E+01
Dichloromethane	50947	2/16/90	VOA	<5.00E+00
Dichloromethane	50947B	2/16/90	VOA	<5.00E+00
Dichloromethane	50947T	2/16/90	VOA	<5.00E+00
Tetrahydrofuran	50685	10/13/89	VOA	<1.00E+01
Tetrahydrofuran	50685B	10/13/89	VOA	<1.00E+01
Tetrahydrofuran	50685T	10/13/89	VOA	<1.00E+01
Tetrahydrofuran	50693	10/17/89	VOA	<1.00E+01
Tetrahydrofuran	50693B	10/17/89	VOA	1.30E+01
Tetrahydrofuran	50693T	10/17/89	VOA	1.30E+01
Tetrahydrofuran	50717	10/24/89	VOA	<1.00E+01
Tetrahydrofuran	50717B	10/24/89	VOA	2.10E+01
Tetrahydrofuran	50717T	10/24/89	VOA	<7.00E+00
Tetrahydrofuran	50947	2/16/90	VOA	<1.00E+01
Tetrahydrofuran	50947B	2/16/90	VOA	<1.00E+01
Tetrahydrofuran	50947T	2/16/90	VOA	<5.00E+00
Alkalinity (Method B)	50685	10/13/89	TITRA	5.80E+04
Alkalinity (Method B)	50693	10/17/89	TITRA	5.90E+04
Alkalinity (Method B)	50717	10/24/89	TITRA	5.80E+04
Alkalinity (Method B)	50947	2/16/90	TITRA	5.90E+04
Alpha Activity (pCi/L)	50685	10/13/89	Alpha	1.02E+00
Alpha Activity (pCi/L)	50693	10/17/89	Alpha	<2.34E-01
Alpha Activity (pCi/L)	50717	10/24/89	Alpha	7.71E-01
Conductivity (uS)	50685	10/13/89	COND-Fld	1.40E+02
Conductivity (uS)	50693	10/17/89	COND-Fld	1.27E+02
Conductivity (uS)	50717	10/24/89	COND-Fld	1.17E+02
Conductivity (uS)	50947	2/16/90	COND-Fld	1.60E+02

DATA FOR 244-AR Vault Cooling Water
Continued

Constituent	Sample #	Date	Method	Result
Ingitability (degrees F)	50685E	10/13/89	IGNIT	2.12E+02
Ingitability (degrees F)	50693E	10/17/89	IGNIT	2.10E+02
Ingitability (degrees F)	50717E	10/24/89	IGNIT	2.10E+02
Ingitability (degrees F)	50947E	2/16/90	IGNIT	2.10E+02
pH (dimensionless)	50685	10/13/89	PH-Fld	7.00E+00
pH (dimensionless)	50693	10/17/89	PH-Fld	8.18E+00
pH (dimensionless)	50717	10/24/89	PH-Fld	8.40E+00
pH (dimensionless)	50947	2/16/90	PH-Fld	7.00E+00
Reactivity Cyanide (mg/kg)	50685E	10/13/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50693E	10/17/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50717E	10/24/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50947E	2/16/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50685E	10/13/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50693E	10/17/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50717E	10/24/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50947E	2/16/90	DTITRA	<1.00E+02
TDS (mg/L)	50685	10/13/89	TDS	7.10E+04
TDS (mg/L)	50693	10/17/89	TDS	6.50E+04
TDS (mg/L)	50717	10/24/89	TDS	7.10E+04
TDS (mg/L)	50947	2/16/90	TDS	5.60E+04
Temperature (degrees C)	50685	10/13/89	TEMP-Fld	1.92E+01
Temperature (degrees C)	50693	10/17/89	TEMP-Fld	1.75E+01
Temperature (degrees C)	50717	10/24/89	TEMP-Fld	1.54E+01
Temperature (degrees C)	50947	2/16/90	TEMP-Fld	2.26E+01
Total Carbon (ug/g)	50685	10/13/89	TC	1.60E+04
Total Carbon (ug/g)	50693	10/17/89	TC	1.60E+04
Total Carbon (ug/g)	50717	10/24/89	TC	1.58E+04
Total Carbon (ug/g)	50947	2/16/90	TC	1.53E+04
TOX (ug (Cl)/L)	50685	10/13/89	LTOX	<8.00E+00
TOX (ug (Cl)/L)	50693	10/17/89	LTOX	<5.00E+00
TOX (ug (Cl)/L)	50717	10/24/89	LTOX	1.00E+01
TOX (ug (Cl)/L)	50947	2/16/90	LTOX	<8.00E+00
Co-60 (pCi/L)	50685	10/13/89	GEA	<2.89E-01
Co-60 (pCi/L)	50693	10/17/89	GEA	<1.01E-01
Co-60 (pCi/L)	50717	10/24/89	GEA	1.59E+00
I-129 (pCi/L)	50685	10/13/89	LEPD	9.08E-02
Pu-239/240 (pCi/L)	50685	10/13/89	AEA	7.13E-03
Pu-239/240 (pCi/L)	50693	10/17/89	AEA	8.01E-03
Radium Total (pCi/L)	50685	10/13/89	Alpha-Ra	<1.16E-01
Radium Total (pCi/L)	50693	10/17/89	Alpha-Ra	2.08E-01
Radium Total (pCi/L)	50717	10/24/89	Alpha-Ra	1.77E-01
Ru-106 (pCi/L)	50685	10/13/89	GEA	<1.06E+00
Ru-106 (pCi/L)	50693	10/17/89	GEA	5.07E+00
Sr-90 (pCi/L)	50685	10/13/89	Beta	<5.20E-02
Sr-90 (pCi/L)	50693	10/17/89	Beta	2.02E-01
Sr-90 (pCi/L)	50717	10/24/89	Beta	2.70E-01
U-234 (pCi/L)	50685	10/13/89	AEA	1.99E-01
U-234 (pCi/L)	50693	10/17/89	AEA	2.04E-01
U-234 (pCi/L)	50717	10/24/89	AEA	2.61E-01
U-238 (pCi/L)	50685	10/13/89	AEA	1.53E-01
U-238 (pCi/L)	50693	10/17/89	AEA	1.62E-01
U-238 (pCi/L)	50717	10/24/89	AEA	1.82E-01

DATA FOR 284-W Powerhouse Wastewater-Routine Operation

Constituent	Sample #	Date	Method	Result
Aluminum	50760	11/13/89	ICP	3.61E+02
Aluminum	50865	1/02/90	ICP	<1.50E+02
Aluminum	50996	2/28/90	ICP	1.68E+02
Aluminum	51056	3/16/90	ICP	1.54E+02
Arsenic (EP Toxic)	50760E	11/13/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50865E	1/02/90	ICP	<5.00E+02
Arsenic (EP Toxic)	50996E	2/28/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51056E	3/16/90	ICP	<5.00E+02
Barium	50760	11/13/89	ICP	6.20E+01
Barium	50865	1/02/90	ICP	3.30E+01
Barium	50996	2/28/90	ICP	4.30E+01
Barium	51056	3/16/90	ICP	8.33E+02
Barium (EP Toxic)	50760E	11/13/89	ICP	<1.00E+03
Barium (EP Toxic)	50865E	1/02/90	ICP	<1.00E+03
Barium (EP Toxic)	50996E	2/28/90	ICP	<1.00E+03
Barium (EP Toxic)	51056E	3/16/90	ICP	1.04E+03
Boron	50760	11/13/89	ICP	1.50E+02
Boron	50865	1/02/90	ICP	1.20E+01
Boron	50996	2/28/90	ICP	4.40E+01
Boron	51056	3/16/90	ICP	3.50E+01
Cadmium	50760	11/13/89	ICP	<2.00E+00
Cadmium	50865	1/02/90	ICP	<2.00E+00
Cadmium	50996	2/28/90	ICP	<2.00E+00
Cadmium	51056	3/16/90	ICP	1.10E+01
Cadmium (EP Toxic)	50760E	11/13/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50865E	1/02/90	ICP	<1.00E+02
Cadmium (EP Toxic)	50996E	2/28/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51056E	3/16/90	ICP	<1.00E+02
Calcium	50760	11/13/89	ICP	1.35E+04
Calcium	50865	1/02/90	ICP	1.96E+04
Calcium	50996	2/28/90	ICP	1.88E+04
Calcium	51056	3/16/90	ICP	7.39E+05
Chloride	50760	11/13/89	IC	4.60E+03
Chloride	50865	1/02/90	IC	8.40E+03
Chloride	50996	2/28/90	IC	2.70E+03
Chloride	51056	3/16/90	IC	2.91E+06
Chromium (EP Toxic)	50760E	11/13/89	ICP	<5.00E+02
Chromium (EP Toxic)	50865E	1/02/90	ICP	<5.00E+02
Chromium (EP Toxic)	50996E	2/28/90	ICP	<5.00E+02
Chromium (EP Toxic)	51056E	3/16/90	ICP	<5.00E+02
Cobalt	50760	11/13/89	ICP	<2.00E+01
Cobalt	50865	1/02/90	ICP	<2.00E+01
Cobalt	50996	2/28/90	ICP	<2.00E+01
Cobalt	51056	3/16/90	ICP	4.60E+01
Copper	50760	11/13/89	ICP	1.00E+01
Copper	50865	1/02/90	ICP	<1.00E+01
Copper	50996	2/28/90	ICP	<1.00E+01
Copper	51056	3/16/90	ICP	1.50E+01
Fluoride	50760	11/13/89	IC	<5.00E+02
Fluoride	50760	11/13/89	ISE	1.56E+02
Fluoride	50865	1/02/90	IC	<5.00E+02
Fluoride	50865	1/02/90	ISE	1.74E+02
Fluoride	50996	2/28/90	IC	<5.00E+02

DATA FOR 284-W Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Fluoride	50996	2/28/90	ISE	1.59E+02
Fluoride	51056	3/16/90	IC	<5.00E+02
Fluoride	51056	3/16/90	ISE	1.68E+02
Iron	50760	11/13/89	ICP	1.71E+02
Iron	50865	1/02/90	ICP	4.10E+01
Iron	50996	2/28/90	ICP	1.49E+02
Iron	51056	3/16/90	ICP	5.50E+01
Lead (EP Toxic)	50760E	11/13/89	ICP	<5.00E+02
Lead (EP Toxic)	50865E	1/02/90	ICP	<5.00E+02
Lead (EP Toxic)	50996E	2/28/90	ICP	<5.00E+02
Lead (EP Toxic)	51056E	3/16/90	ICP	<5.00E+02
Lithium	50760	11/13/89	ICP	<1.00E+01
Lithium	50865	1/02/90	ICP	<1.00E+01
Lithium	50996	2/28/90	ICP	<1.00E+01
Lithium	51056	3/16/90	ICP	3.90E+01
Magnesium	50760	11/13/89	ICP	2.46E+03
Magnesium	50865	1/02/90	ICP	4.32E+03
Magnesium	50996	2/28/90	ICP	4.33E+03
Magnesium	51056	3/16/90	ICP	2.78E+05
Manganese	50760	11/13/89	ICP	<5.00E+00
Manganese	50865	1/02/90	ICP	<5.00E+00
Manganese	50996	2/28/90	ICP	<5.00E+00
Manganese	51056	3/16/90	ICP	2.30E+01
Mercury	50760	11/13/89	CVAA	<1.00E-01
Mercury	50865	1/02/90	CVAA	<1.00E-01
Mercury	50996	2/28/90	CVAA	<1.00E-01
Mercury	51056	3/16/90	CVAA	1.34E+00
Mercury (EP Toxic)	50760E	11/13/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50865E	1/02/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50996E	2/28/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51056E	3/16/90	CVAA/M	<2.00E+01
Nitrate	50760	11/13/89	IC	<5.00E+02
Nitrate	50865	1/02/90	IC	8.00E+02
Nitrate	50996	2/28/90	IC	<5.00E+02
Nitrate	51056	3/16/90	IC	<5.00E+02
Potassium	50760	11/13/89	ICP	8.70E+02
Potassium	50865	1/02/90	ICP	1.04E+03
Potassium	50996	2/28/90	ICP	8.67E+02
Potassium	51056	3/16/90	ICP	3.22E+04
Selenium (EP Toxic)	50760E	11/13/89	ICP	<5.00E+02
Selenium (EP Toxic)	50865E	1/02/90	ICP	<5.00E+02
Selenium (EP Toxic)	50996E	2/28/90	ICP	<5.00E+02
Selenium (EP Toxic)	51056E	3/16/90	ICP	<5.00E+02
Silicon	50760	11/13/89	ICP	3.22E+03
Silicon	50865	1/02/90	ICP	3.06E+03
Silicon	50996	2/28/90	ICP	2.92E+03
Silicon	51056	3/16/90	ICP	2.27E+03
Silver (EP Toxic)	50760E	11/13/89	ICP	<5.00E+02
Silver (EP Toxic)	50865E	1/02/90	ICP	<5.00E+02
Silver (EP Toxic)	50996E	2/28/90	ICP	<5.00E+02
Silver (EP Toxic)	51056E	3/16/90	ICP	<5.00E+02
Sodium	50760	11/13/89	ICP	3.27E+04
Sodium	50865	1/02/90	ICP	1.42E+04

DATA FOR 284-W Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Sodium	50996	2/28/90	ICP	1.30E+04
Sodium	51056	3/16/90	ICP	1.11E+06
Strontium	50760	11/13/89	ICP	5.73E+02
Strontium	50865	1/02/90	ICP	1.01E+02
Strontium	50996	2/28/90	ICP	2.22E+02
Strontium	51056	3/16/90	ICP	3.16E+03
Sulfate	50760	11/13/89	IC	4.17E+04
Sulfate	50865	1/02/90	IC	2.18E+04
Sulfate	50996	2/28/90	IC	1.88E+04
Sulfate	51056	3/16/90	IC	2.49E+04
Uranium	50760	11/13/89	GEA	3.73E-01
Uranium	50865	1/02/90	GEA	5.67E-01
Uranium	51056	3/16/90	GEA	6.15E-01
Vanadium	50760	11/13/89	ICP	5.00E+00
Vanadium	50865	1/02/90	ICP	<5.00E+00
Vanadium	50996	2/28/90	ICP	<5.00E+00
Vanadium	51056	3/16/90	ICP	<5.00E+00
Zinc	50760	11/13/89	ICP	1.20E+01
Zinc	50865	1/02/90	ICP	<5.00E+00
Zinc	50996	2/28/90	ICP	<5.00E+00
Zinc	51056	3/16/90	ICP	6.60E+01
2-Butanone	50760	11/13/89	VOA	<1.00E+01
2-Butanone	50760B	11/13/89	VOA	<1.00E+01
2-Butanone	50760T	11/13/89	VOA	<1.00E+01
2-Butanone	50865	1/02/90	VOA	<1.00E+01
2-Butanone	50865B	1/02/90	VOA	1.60E+01
2-Butanone	50865T	1/02/90	VOA	1.10E+01
2-Butanone	50996	2/28/90	VOA	<1.00E+01
2-Butanone	50996B	2/28/90	VOA	<1.00E+01
2-Butanone	50996T	2/28/90	VOA	<1.00E+01
2-Butanone	51056	3/16/90	VOA	<1.00E+01
2-Butanone	51056B	3/16/90	VOA	<1.00E+01
2-Butanone	51056T	3/16/90	VOA	<1.00E+01
Trichloromethane	50760	11/13/89	VOA	1.00E+01
Trichloromethane	50760B	11/13/89	VOA	<3.00E+00
Trichloromethane	50760T	11/13/89	VOA	<4.00E+00
Trichloromethane	50865	1/02/90	VOA	5.00E+00
Trichloromethane	50865B	1/02/90	VOA	<5.00E+00
Trichloromethane	50865T	1/02/90	VOA	<4.00E+00
Trichloromethane	50996	2/28/90	VOA	<5.00E+00
Trichloromethane	50996B	2/28/90	VOA	<5.00E+00
Trichloromethane	50996T	2/28/90	VOA	<5.00E+00
Trichloromethane	51056	3/16/90	VOA	<5.00E+00
Trichloromethane	51056B	3/16/90	VOA	<5.00E+00
Trichloromethane	51056T	3/16/90	VOA	<5.00E+00
Alkalinity (Method B)	50760	11/13/89	TITRA	6.80E+04
Alkalinity (Method B)	50865	1/02/90	TITRA	7.80E+04
Alkalinity (Method B)	50996	2/28/90	TITRA	7.50E+04
Alkalinity (Method B)	51056	3/16/90	TITRA	6.40E+04
Beta Activity (pCi/L)	50760	11/13/89	Beta	2.61E+00
Beta Activity (pCi/L)	50865	1/02/90	Beta	<1.47E+00
Beta Activity (pCi/L)	51056	3/16/90	Beta	5.37E+00
Conductivity (uS)	50760	11/13/89	COND-Fld	2.66E+02

DATA FOR 284-W Powerhouse Wastewater-Routine Operation
Continued

Constituent	Sample #	Date	Method	Result
Conductivity (uS)	50865	1/02/90	COND-Fld	2.24E+02
Conductivity (uS)	50996	2/28/90	COND-Fld	1.58E+02
Conductivity (uS)	51056	3/16/90	COND-Fld	1.01E+03
Ignitability (degrees F)	50760E	11/13/89	IGNIT	2.10E+02
Ignitability (degrees F)	50865E	1/02/90	IGNIT	2.12E+02
Ignitability (degrees F)	50996E	2/28/90	IGNIT	2.02E+02
Ignitability (degrees F)	51056E	3/16/90	IGNIT	1.98E+02
pH (dimensionless)	50760	11/13/89	PH-Fld	9.35E+00
pH (dimensionless)	50865	1/02/90	PH-Fld	8.67E+00
pH (dimensionless)	50996	2/28/90	PH-Fld	8.96E+00
pH (dimensionless)	51056	3/16/90	PH-Fld	9.20E+00
Reactivity Cyanide (mg/kg)	50760E	11/13/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50865E	1/02/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50996E	2/28/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51056E	3/16/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50760E	11/13/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50865E	1/02/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50996E	2/28/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51056E	3/16/90	DTITRA	<1.00E+02
Suspended Solids (mg/L)	50760	11/13/89	SSOLID	1.40E+04
Suspended Solids (mg/L)	50865	1/02/90	SSOLID	<5.00E+03
Suspended Solids (mg/L)	50996	2/28/90	SSOLID	<5.00E+03
Suspended Solids (mg/L)	51056	3/16/90	SSOLID	<5.00E+03
TDS (mg/L)	50760	11/13/89	TDS	1.18E+05
TDS (mg/L)	50865	1/02/90	TDS	1.26E+05
TDS (mg/L)	50996	2/28/90	TDS	9.30E+04
TDS (mg/L)	51056	3/16/90	TDS	3.54E+06
Temperature (degrees C)	50760	11/13/89	TEMP-Fld	2.42E+01
Temperature (degrees C)	50865	1/02/90	TEMP-Fld	1.22E+01
Temperature (degrees C)	50996	2/28/90	TEMP-Fld	8.40E+00
Temperature (degrees C)	51056	3/16/90	TEMP-Fld	1.07E+01
TOC (ug/g)	50760	11/13/89	TOC	<1.40E+03
TOC (ug/g)	50865	1/02/90	TOC	<1.50E+03
TOC (ug/g)	50996	2/28/90	TOC	1.30E+03
TOC (ug/g)	51056	3/16/90	TOC	1.30E+03
Total Carbon (ug/g)	50760	11/13/89	TC	1.42E+04
Total Carbon (ug/g)	50865	1/02/90	TC	1.68E+04
Total Carbon (ug/g)	50996	2/28/90	TC	1.55E+04
Total Carbon (ug/g)	51056	3/16/90	TC	1.56E+04
TOX (ug (Cl)/L)	50760	11/13/89	LTOX	6.90E+01
TOX (ug (Cl)/L)	50865	1/02/90	LTOX	4.40E+01
TOX (ug (Cl)/L)	50996	2/28/90	LTOX	1.60E+01
TOX (ug (Cl)/L)	51056	3/16/90	LTOX	7.70E+01

DATA FOR Plutonium Finishing Plant Wastewater-Not PRF or RMC

Constituent	Sample #	Date	Method	Result
Arsenic (EP Toxic)	50818E	11/30/89	ICP	<5.00E+02
Arsenic (EP Toxic)	50927E	2/12/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51068E	3/19/90	ICP	<5.00E+02
Arsenic (EP Toxic)	51095E	3/26/90	ICP	<5.00E+02
Barium	50818	11/30/89	ICP	2.80E+01
Barium	50927	2/12/90	ICP	2.90E+01
Barium	51068	3/19/90	ICP	2.70E+01
Barium	51095	3/26/90	ICP	2.90E+01
Barium (EP Toxic)	50818E	11/30/89	ICP	<1.00E+03
Barium (EP Toxic)	50927E	2/12/90	ICP	<1.00E+03
Barium (EP Toxic)	51068E	3/19/90	ICP	<1.00E+03
Barium (EP Toxic)	51095E	3/26/90	ICP	<1.00E+03
Boron	50818	11/30/89	ICP	1.10E+01
Boron	50927	2/12/90	ICP	2.40E+01
Boron	51068	3/19/90	ICP	1.20E+01
Boron	51095	3/26/90	ICP	1.30E+01
Cadmium (EP Toxic)	50818E	11/30/89	ICP	<1.00E+02
Cadmium (EP Toxic)	50927E	2/12/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51068E	3/19/90	ICP	<1.00E+02
Cadmium (EP Toxic)	51095E	3/26/90	ICP	<1.00E+02
Calcium	50818	11/30/89	ICP	1.78E+04
Calcium	50927	2/12/90	ICP	1.87E+04
Calcium	51068	3/19/90	ICP	1.72E+04
Calcium	51095	3/26/90	ICP	1.82E+04
Chloride	50818	11/30/89	IC	2.70E+03
Chloride	50927	2/12/90	IC	2.80E+03
Chloride	51068	3/19/90	IC	1.90E+03
Chloride	51095	3/26/90	IC	2.70E+03
Chromium (EP Toxic)	50818E	11/30/89	ICP	<5.00E+02
Chromium (EP Toxic)	50927E	2/12/90	ICP	<5.00E+02
Chromium (EP Toxic)	51068E	3/19/90	ICP	<5.00E+02
Chromium (EP Toxic)	51095E	3/26/90	ICP	<5.00E+02
Copper	50818	11/30/89	ICP	1.80E+01
Copper	50927	2/12/90	ICP	<1.00E+01
Copper	51068	3/19/90	ICP	1.40E+01
Copper	51095	3/26/90	ICP	<1.00E+01
Fluoride	50818	11/30/89	IC	<5.00E+02
Fluoride	50818	11/30/89	ISE	1.38E+02
Fluoride	50927	2/12/90	IC	<5.00E+02
Fluoride	50927	2/12/90	ISE	1.40E+02
Fluoride	51068	3/19/90	IC	<5.00E+02
Fluoride	51068	3/19/90	ISE	1.33E+02
Fluoride	51095	3/26/90	IC	<5.00E+02
Fluoride	51095	3/26/90	ISE	1.28E+02
Iron	50818	11/30/89	ICP	8.40E+01
Iron	50927	2/12/90	ICP	4.40E+01
Iron	51068	3/19/90	ICP	1.33E+02
Iron	51095	3/26/90	ICP	<3.00E+01
Lead (EP Toxic)	50818E	11/30/89	ICP	<5.00E+02
Lead (EP Toxic)	50927E	2/12/90	ICP	<5.00E+02
Lead (EP Toxic)	51068E	3/19/90	ICP	<5.00E+02
Lead (EP Toxic)	51095E	3/26/90	ICP	<5.00E+02
Magnesium	50818	11/30/89	ICP	4.00E+03

DATA FOR Plutonium Finishing Plant Wastewater-Not PRF or RMC
Continued

Constituent	Sample #	Date	Method	Result
Magnesium	50927	2/12/90	ICP	4.32E+03
Magnesium	51068	3/19/90	ICP	4.24E+03
Magnesium	51095	3/26/90	ICP	4.57E+03
Mercury	50818	11/30/89	CVAA	<1.00E-01
Mercury	50927	2/12/90	CVAA	<1.00E-01
Mercury	51068	3/19/90	CVAA	4.80E-01
Mercury	51095	3/26/90	CVAA	4.20E-01
Mercury (EP Toxic)	50818E	11/30/89	CVAA/M	<2.00E+01
Mercury (EP Toxic)	50927E	2/12/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51068E	3/19/90	CVAA/M	<2.00E+01
Mercury (EP Toxic)	51095E	3/26/90	CVAA/M	<2.00E+01
Potassium	50818	11/30/89	ICP	7.10E+02
Potassium	50927	2/12/90	ICP	6.87E+02
Potassium	51068	3/19/90	ICP	7.17E+02
Potassium	51095	3/26/90	ICP	7.50E+02
Selenium (EP Toxic)	50818E	11/30/89	ICP	<5.00E+02
Selenium (EP Toxic)	50927E	2/12/90	ICP	<5.00E+02
Selenium (EP Toxic)	51068E	3/19/90	ICP	<5.00E+02
Selenium (EP Toxic)	51095E	3/26/90	ICP	<5.00E+02
Silicon	50818	11/30/89	ICP	2.12E+03
Silicon	50927	2/12/90	ICP	2.05E+03
Silicon	51068	3/19/90	ICP	1.98E+03
Silicon	51095	3/26/90	ICP	1.86E+03
Silver (EP Toxic)	50818E	11/30/89	ICP	<5.00E+02
Silver (EP Toxic)	50927E	2/12/90	ICP	<5.00E+02
Silver (EP Toxic)	51068E	3/19/90	ICP	<5.00E+02
Silver (EP Toxic)	51095E	3/26/90	ICP	<5.00E+02
Sodium	50818	11/30/89	ICP	1.98E+03
Sodium	50927	2/12/90	ICP	2.02E+03
Sodium	51068	3/19/90	ICP	1.96E+03
Sodium	51095	3/26/90	ICP	2.03E+03
Strontium	50818	11/30/89	ICP	8.90E+01
Strontium	50927	2/12/90	ICP	8.50E+01
Strontium	51068	3/19/90	ICP	9.10E+01
Strontium	51095	3/26/90	ICP	9.80E+01
Sulfate	50818	11/30/89	IC	1.22E+04
Sulfate	50927	2/12/90	IC	1.40E+04
Sulfate	51068	3/19/90	IC	1.17E+04
Sulfate	51095	3/26/90	IC	1.44E+04
Uranium	50818	11/30/89	GEA	3.64E-01
Uranium	51068	3/19/90	GEA	3.70E-01
Uranium	51095	3/26/90	GEA	4.18E-01
Zinc	50818	11/30/89	ICP	1.70E+01
Zinc	50927	2/12/90	ICP	1.60E+01
Zinc	51068	3/19/90	ICP	1.80E+01
Zinc	51095	3/26/90	ICP	7.00E+00
Acetone	50818	11/30/89	VOA	1.50E+01
Acetone	50818	11/30/89	ABN	<1.00E+01
Acetone	50927	2/12/90	VOA	<1.00E+01
Acetone	50927	2/12/90	ABN	<1.00E+01
Acetone	50927B	2/12/90	VOA	<6.00E+00
Acetone	50927T	2/12/90	VOA	<8.00E+00
Acetone	51068	3/19/90	VOA	<1.00E+01

DATA FOR Plutonium Finishing Plant Wastewater-Not PRF or RMC
Continued

Constituent	Sample #	Date	Method	Result
Acetone	51068	3/19/90	ABN	<1.00E+01
Acetone	51068B	3/19/90	VOA	<1.00E+01
Acetone	51068T	3/19/90	VOA	<1.00E+01
Acetone	51095	3/26/90	VOA	<1.00E+01
Acetone	51095	3/26/90	ABN	<1.00E+01
Acetone	51095B	3/26/90	VOA	<5.00E+00
Acetone	51095T	3/26/90	VOA	<6.00E+00
1-Butanol	50818	11/30/89	DIGC	<1.00E+04
1-Butanol	50927	2/12/90	DIGC	<1.00E+04
1-Butanol	51068	3/19/90	DIGC	<1.00E+04
1-Butanol	51068T	3/19/90	VOA	6.00E+00
1-Butanol	51095	3/26/90	DIGC	<1.00E+04
2-Butanone	50818	11/30/89	VOA	<8.00E+00
2-Butanone	50927	2/12/90	VOA	<1.00E+01
2-Butanone	50927B	2/12/90	VOA	2.90E+01
2-Butanone	50927T	2/12/90	VOA	3.30E+01
2-Butanone	51068	3/19/90	VOA	<1.00E+01
2-Butanone	51068B	3/19/90	VOA	<1.00E+01
2-Butanone	51068T	3/19/90	VOA	<1.00E+01
2-Butanone	51095	3/26/90	VOA	<1.00E+01
2-Butanone	51095B	3/26/90	VOA	<1.00E+01
2-Butanone	51095T	3/26/90	VOA	<1.00E+01
Caffeine	50927	2/12/90	ABN	9.00E+00
Decane	51095	3/26/90	ABN	8.00E+00
Dichloromethane	50818	11/30/89	VOA	<5.00E+00
Dichloromethane	50927	2/12/90	VOA	<5.00E+00
Dichloromethane	50927B	2/12/90	VOA	<3.00E+00
Dichloromethane	50927T	2/12/90	VOA	<3.00E+00
Dichloromethane	51068	3/19/90	VOA	<5.00E+00
Dichloromethane	51068B	3/19/90	VOA	<3.00E+00
Dichloromethane	51068T	3/19/90	VOA	<3.00E+00
Dichloromethane	51095	3/26/90	VOA	<5.00E+00
Dichloromethane	51095B	3/26/90	VOA	2.40E+01
Dichloromethane	51095T	3/26/90	VOA	<5.00E+00
Tetrachloromethane	50818	11/30/89	VOA	<5.00E+00
Tetrachloromethane	50927	2/12/90	VOA	5.00E+00
Tetrachloromethane	50927B	2/12/90	VOA	<5.00E+00
Tetrachloromethane	50927T	2/12/90	VOA	<5.00E+00
Tetrachloromethane	51068	3/19/90	VOA	<5.00E+00
Tetrachloromethane	51068B	3/19/90	VOA	<5.00E+00
Tetrachloromethane	51068T	3/19/90	VOA	<5.00E+00
Tetrachloromethane	51095	3/26/90	VOA	<5.00E+00
Tetrachloromethane	51095B	3/26/90	VOA	<5.00E+00
Tetrachloromethane	51095T	3/26/90	VOA	<5.00E+00
Trichloromethane	50818	11/30/89	VOA	2.80E+01
Trichloromethane	50927	2/12/90	VOA	1.40E+01
Trichloromethane	50927B	2/12/90	VOA	<4.00E+00
Trichloromethane	50927T	2/12/90	VOA	<4.00E+00
Trichloromethane	51068	3/19/90	VOA	2.60E+01
Trichloromethane	51068B	3/19/90	VOA	5.00E+00
Trichloromethane	51068T	3/19/90	VOA	5.00E+00
Trichloromethane	51095	3/26/90	VOA	1.40E+01
Trichloromethane	51095B	3/26/90	VOA	<4.00E+00

DATA FOR Plutonium Finishing Plant Wastewater-Not PRF or RMC
Continued

Constituent	Sample #	Date	Method	Result
Trichloromethane	51095T	3/26/90	VOA	5.00E+00
Unknown	50818	11/30/89	ABN	9.90E+01
Unknown	50927	2/12/90	ABN	3.10E+01
Unknown	51068T	3/19/90	VOA	4.60E+01
Unknown aliphatic HC	51095	3/26/90	VOA	1.00E+01
Unknown hydrocarbon	51095	3/26/90	VOA	5.00E+00
Alkalinity (Method B)	50818	11/30/89	TITRA	5.20E+04
Alkalinity (Method B)	50927	2/12/90	TITRA	5.60E+04
Alkalinity (Method B)	51068	3/19/90	TITRA	5.20E+04
Alkalinity (Method B)	51095	3/26/90	TITRA	5.30E+04
Alpha Activity (pCi/L)	50818	11/30/89	Alpha	2.98E+00
Alpha Activity (pCi/L)	51068	3/19/90	Alpha	5.97E+00
Alpha Activity (pCi/L)	51095	3/26/90	Alpha	1.61E+01
Conductivity (uS)	50818	11/30/89	COND-Fld	1.47E+02
Conductivity (uS)	50927	2/12/90	COND-Fld	1.46E+02
Conductivity (uS)	51068	3/19/90	COND-Fld	1.57E+02
Conductivity (uS)	51095	3/26/90	COND-Fld	1.44E+02
Ingitability (degrees F)	50818E	11/30/89	IGNIT	2.08E+02
Ingitability (degrees F)	50927E	2/12/90	IGNIT	2.08E+02
Ingitability (degrees F)	51068E	3/19/90	IGNIT	2.10E+02
Ingitability (degrees F)	51095E	3/26/90	IGNIT	2.12E+02
pH (dimensionless)	50818	11/30/89	PH-Fld	8.00E+00
pH (dimensionless)	50927	2/12/90	PH-Fld	7.73E+00
pH (dimensionless)	51068	3/19/90	PH-Fld	5.15E+00
pH (dimensionless)	51095	3/26/90	PH-Fld	7.80E+00
Reactivity Cyanide (mg/kg)	50818E	11/30/89	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	50927E	2/12/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51068E	3/19/90	DSPEC	<1.00E+02
Reactivity Cyanide (mg/kg)	51095E	3/26/90	DSPEC	<1.00E+02
Reactivity Sulfide (mg/kg)	50818E	11/30/89	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	50927E	2/12/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51068E	3/19/90	DTITRA	<1.00E+02
Reactivity Sulfide (mg/kg)	51095E	3/26/90	DTITRA	<1.00E+02
TDS (mg/L)	50818	11/30/89	TDS	6.20E+04
TDS (mg/L)	50927	2/12/90	TDS	5.80E+04
TDS (mg/L)	51068	3/19/90	TDS	6.70E+04
TDS (mg/L)	51095	3/26/90	TDS	8.70E+04
Temperature (degrees C)	50818	11/30/89	TEMP-Fld	1.90E+01
Temperature (degrees C)	50927	2/12/90	TEMP-Fld	1.52E+01
Temperature (degrees C)	51068	3/19/90	TEMP-Fld	1.77E+01
Temperature (degrees C)	51095	3/26/90	TEMP-Fld	1.79E+01
TOC (ug/g)	50818	11/30/89	TOC	<1.00E+03
TOC (ug/g)	50927	2/12/90	TOC	<9.00E+02
TOC (ug/g)	51068	3/19/90	TOC	1.00E+03
TOC (ug/g)	51095	3/26/90	TOC	1.10E+03
Total Carbon (ug/g)	50818	11/30/89	TC	1.40E+04
Total Carbon (ug/g)	50927	2/12/90	TC	1.17E+04
Total Carbon (ug/g)	51068	3/19/90	TC	1.42E+04
Total Carbon (ug/g)	51095	3/26/90	TC	1.46E+04
TOX (ug (Cl)/L)	50818	11/30/89	LTOX	1.72E+02
TOX (ug (Cl)/L)	50927	2/12/90	LTOX	1.43E+02
TOX (ug (Cl)/L)	51068	3/19/90	LTOX	1.49E+02
TOX (ug (Cl)/L)	51095	3/26/90	LTOX	1.32E+02

DATA FOR Plutonium Finishing Plant Wastewater-Not PRF or RMC
Continued

Constituent	Sample #	Date	Method	Result
Am-241 (pCi/L)	50818	11/30/89	AEA	3.71E-01
Am-241 (pCi/L)	51068	3/19/90	AEA	1.94E+00
Am-241 (pCi/L)	51095	3/26/90	AEA	1.55E+00
Cs-137 (pCi/L)	51068	3/19/90	GEA	<5.37E-01
Cs-137 (pCi/L)	51095	3/26/90	GEA	1.01E+00
Pu-238 (pCi/L)	50818	11/30/89	AEA	2.51E-01
Pu-238 (pCi/L)	51068	3/19/90	AEA	2.90E-01
Pu-238 (pCi/L)	51095	3/26/90	AEA	4.24E-01
Pu-239/240 (pCi/L)	50818	11/30/89	AEA	2.52E+00
Pu-239/240 (pCi/L)	51068	3/19/90	AEA	8.95E+00
Pu-239/240 (pCi/L)	51095	3/26/90	AEA	1.45E+01
Radium Total (pCi/L)	50818	11/30/89	Alpha-Ra	<8.18E-02
Radium Total (pCi/L)	51068	3/19/90	Alpha-Ra	3.49E-01
Sr-90 (pCi/L)	50818	11/30/89	Beta	2.05E-01
Sr-90 (pCi/L)	51095	3/26/90	Beta	4.65E-01
U-234 (pCi/L)	50818	11/30/89	AEA	9.80E-02
U-234 (pCi/L)	51068	3/19/90	AEA	2.21E-01
U-234 (pCi/L)	51095	3/26/90	AEA	1.52E-01
U-238 (pCi/L)	50818	11/30/89	AEA	1.27E-01
U-238 (pCi/L)	51068	3/19/90	AEA	1.86E-01
U-238 (pCi/L)	51095	3/26/90	AEA	1.31E-01

APPENDIX E

ANALYTICAL RESULTS (MICROFICHE)

Appendix E--Analytical Results (Microfiche).

APPENDIX F

LIST OF COMMON NAMES

Appendix F--List of Common Names. (sheet 1 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CASN
Acenaphthalene	C12H8	Acenaphthalene	Acenaphthalene	208-96-8
Acenaphthene	C12H10	Acenaphthene	Acenaphthylene, 1,2-dihydro-	83-32-9
Acetone	C3H6O	2-Propanone	2-Propanone	67-64-1
Acetonitrile	C2H3N	Acetonitrile	Acetonitrile	75-05-8
Acetyl bromide	C3H5BrO	2-Propanone, 1-bromo-	2-Propanone, 1-bromo-	598-31-2
Acetophenone	C8H8O	Ethanone, 1-phenyl-	Ethanone, 1-phenyl-	98-86-2
2-Acetotheophene	C6H6OS	Ethanone, 1-(2-thienyl)-	Ethanone, 1-(2-thienyl)-	88-15-3
Acrolein	C3H4O	2-Propenal	2-Propenal	107-02-8
Acrylamide	C3H5NO	2-Propenamide	2-Propenamide	79-06-1
Acrylonitrile	C3H3N	2-Propenenitrile	2-Propenenitrile	107-13-1
Aldicarb	C7H14N2O2S	Propanal, 2-methyl-2-(methylthio)-0-[(methylamino)carbonyl] oxime	Propanal, 2-methyl-2-(methylthio)-0-[(methylamino)carbonyl] oxime	116-06-3
Allyl alcohol	C3H6O	2,3,4,10,10-hexachloro-1,4,4a,2-Propen-1-ol	2,3,4,10,10-hexachloro-1,4,4a,2-Propen-1-ol	107-18-6
Allyl chloride	C3H5Cl	Propene, 3-chloro-	1-Propene, 3-chloro-	107-05-1
4-Aminobiphenyl	C12H11N	[1,1'-Biphenyl], 4-amine	[1,1'-Biphenyl]-4-amine	92-67-1
Aminoethylene	C2H5N	Aziridine	Aziridine	151-56-4
5-Aminoethyl-3-isoxazolol	C4H6N2O2	3-Isloxazolol, 5-aminoethyl-	3-Isloxazolol, 5-aminoethyl-	2763-96-4
1-Aminonaphthalene	C10H9N	1-Naphthalenamine	1-Naphthalenamine	134-32-7
2-Aminonaphthalene	C10H9N	2-Naphthalenamine	2-Naphthalenamine	91-59-8
Ammonia	NH3	Ammonia	Ammonia	492-80-8
Auramine	C17H21N3	Benzenamine, 4,4'-(imidocarbonyl) bis(N,N-dimethyl)-	Benzenamine, 4,4'-carbonylimidoyl bis(N,N-dimethyl)-	225-51-4
Benz[c]acridine	C17H11N	Benz[c]acridine	Benz[c]acridine	56-55-3
Benz[a]anthracene	C18H12	Benz[a]anthracene	Benz[a]anthracene	71-43-2
Benzene	C6H6	Benzene	Benzene	106-50-3
1,4-Benzenediamine	C6H8N2	1,4-Benzenediamine	1,4-Benzenediamine	92-87-5
Benzidine	C12H12N2	1,1'-Biphenyl, 4,4'-diamino-	[1,1'-Biphenyl], 4,4'-diamine	205-99-2
Benzo[b]fluoranthene	C20H12	Benzo[e]acephenanthrylene	Benzo[e]acephenanthrylene	205-82-3
Benzo[j]fluoranthene	C20H12	Benzo[j]fluoranthene	Benzo[j]fluoranthene	207-08-9
Benzo[k]fluoranthene	C20H12	11,12-Dibenzofluoranthene	Benzo[k]fluoranthene	65-85-0
Benzoic acid	C7H6O2	Benzoic acid	Benzoic acid	189-55-9
Benzo[rst]pentaphene	C24H14	Dibenzof[a,i]pyrene	Benzo[rst]pentaphene	

Appendix F--List of Common Names. (sheet 2 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CAS#
Benzo[ghi]perylene	C22H12	1,12-Benzoperylene	Benzo[ghi]perylene	191-24-2
Benzo[a]pyrene	C20H12	Benzo[a]pyrene	Benzo[a]pyrene	50-32-8
4-Benzoquinone	C6H4O2	2,5-Cyclohexadiene-1,4-dione	2,5-Cyclohexadiene-1,4-dione	106-51-4
Benzo[ghi]perylene	C22H12	Benzo[ghi]perylene	Benzo[ghi]perylene	100-51-6
Benzo[ghi]perylene	C22H12	Benzo[ghi]perylene	Benzo[ghi]perylene	100-44-7
Bis(2-chloroethoxy)methane	C5H10Cl2O2	Methane, bis(2-chloroethoxy)-	Ethane, 1,1'-(methylenebis(oxy))bis(2-chloro-	111-91-1
Bis(2-chloroethyl) ether	C4H8Cl2O	Ether, bis(2-chloroethyl)	Ethane, oxybis[2-chloro-	111-44-4
Bis(chloroisopropyl) ether	C6H12Cl2O	Ether, bis(2-chloro-1-methylethyl)	Propane, 2,2'-oxybis[1-chloro-	108-60-1
Bis(chloromethyl) ether	C2H4Cl2O	Ether, bis(chloromethyl)	Methane, oxybis[chloro-	542-88-1
Bis(chloromethylethyl) ether	C6H12Cl2O	Ether, diisopropyl-beta,beta'-dichloro-	Propane, 2,2'-oxybis[1-chloro-	108-60-1
Bis(2-ethylhexyl) phthalate	C24H38O4	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	117-81-7
Bromodichloromethane	CHBr2Cl	Methane, dibromochloro-	Methane, dibromochloro-	124-48-1
Bromomethane	CH3Br	Methane, bromo-	Methane, bromo-	74-83-9
4-Bromophenylphenyl ether	C12H9BrO	Benzene, 1-bromo-4-phenoxy-	Benzene, 1-bromo-4-phenoxy-	101-55-3
1-Butanol	C4H10O	1-Butanol	1-Butanol	71-36-3
2-Butanol	C4H10O	2-Butanol	2-Butanol	78-93-3
1-Butoxy-2-propanol	C7H16O2	2-Propanol, 1-butoxy-	2-Propanol, 1-butoxy-	5131-66-8
Butylbenzyl phthalate	C19H20O4	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7
1-Butynol	C4H6O	Xanthine, 1,3,7-trimethyl-	1H-Purine-2,6-dione, 3,7-dihydro-1,3,7-trimethyl-	58-08-2
Caffeine	C8H10N4O2	Xanthine, 1,3,7-trimethyl-	1H-Purine-2,6-dione, 3,7-dihydro-1,3,7-trimethyl-	58-08-2
Carbon disulfide	CS2	Carbon disulfide	Carbon disulfide	75-15-0
4-Chloroaniline	C6H6ClN	Benzenamine, 4-chloro-	Benzenamine, 4-chloro-	106-47-8
Chlorobenzene	C6H5Cl	Benzene, chloro-	Benzene, chloro-	108-90-7
4-Chloro-3-cresol	C7H7ClO	Phenol, 4-chloro-3-methyl-	Phenol, 4-chloro-3-methyl-	59-50-7
Chloroethane	C2H5Cl	Ethane, chloro-	Ethane, chloro-	75-00-3
Chloroethene	C2H3Cl	Ethene, chloro-	Ethene, chloro-	75-01-4
2-Chloroethylvinyl ether	C4H7ClO	Ether, 2-chloroethyl vinyl	2-Chloroethyl vinyl ether	110-75-8
Chloromethane	CH3Cl	Methane, chloro-	Methane, chloro-	74-87-3
Chloromethylmethyl ether	C2H5ClO	Ether, chloromethyl methyl	Methane, chloromethoxy-	107-30-2
Chloronaphazene	C14H15Cl2N	2-Naphthaleneamine, N,N-bis(2-chloroethyl)-	2-Naphthaleneamine, N,N-bis(2-chloroethyl)-	494-03-1
2-Chlorophenol	C6H5ClO	Phenol, 2-chloro-	Phenol, 2-chloro-	95-57-8

Appendix F--List of Common Names. (sheet 3 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CAS#
3-Chloropropionitrile	C3H4ClN	Propanenitrile, 3-chloro-	Propanenitrile, 3-chloro-	542-76-7
Chrysene	C18H12	Chrysene	Chrysene	218-01-9
Cresol	C7H8O	Phenol, methyl-	Phenol, methyl-	1319-77-3
Crotonaldehyde	C4H6O	2-Butenal	2-Butenal	4170-30-3
2,4-DCP	C6H4Cl2O	Phenol, 2,4-dichloro-	Phenol, 2,4-dichloro-	120-83-2
Decane	C10H22	Decane	Decane	124-18-5
Dillate	C10H17Cl2NOS	Carbamothioic acid, N,N-diisopropyl-, S-(2,3-dichloro-2-propenyl) ester	Carbamothioic acid, bis(1-methyl ethyl)-, S-(2,3-dichloro-2-propenyl) ester	2303-16-4
Dibenz[a,h]acridine	C21H13N	Dibenz[a,h]acridine	Dibenz[a,h]acridine	226-36-8
Dibenz[a,j]acridine	C21H13N	Dibenz[a,j]acridine	Dibenz[a,j]acridine	224-42-0
Dibenz[a,h]anthracene	C22H14	Dibenz[a,h]anthracene	Dibenz[a,h]anthracene	53-70-3
7H-Dibenzo[c,g]carbazole	C20H13N	7H-Dibenzo[c,g]carbazole	7H-Dibenzo[c,g]carbazole	194-59-2
Dibenzofuran	C12H8O	Dibenzofuran	Dibenzofuran	132-64-9
Dibenzof[a,e]pyrene	C24H14	Naptho[1,2,3,4,def]chrysene	Naptho[1,2,3,4,def]chrysene	192-65-4
Dibenzof[a,h]pyrene	C24H14	Dibenzo[b,def]chrysene	Dibenzo[b,def]chrysene	189-64-0
Dibromochloromethane	CHBrCl2	Methane, bromodichloro-	Methane, bromodichloro-	75-27-4
1,2-Dibromo-3-chloropropane	C3H5Br2Cl	Propane, 1,2-dibromo-3-chloro-	Propane, 1,2-dibromo-3-chloro-	96-12-8
1,2-Dibromoethane	C2H4Br2	Ethane, 1,2-dibromo-	Ethane, 1,2-dibromo-	106-93-4
Dibromomethane	CH2Br2	Methane, dibromo-	Methane, dibromo-	74-95-3
Dibutylphosphate	C8H19O4P	Phosphoric acid, dibutyl ester	Phosphoric acid, dibutyl ester	107-66-4
Di-n-butyl phthalate	C16H22O4	1,2-Benzenedicarboxylic acid, dibutyl ester	1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2
1,2-Dichlorobenzene	C6H4Cl2	Benzene, 1,2-dichloro-	Benzene, 1,2-dichloro-	95-50-1
1,3-Dichlorobenzene	C6H4Cl2	Benzene, 1,3-dichloro-	Benzene, 1,3-dichloro-	541-73-1
1,4-Dichlorobenzene	C6H4Cl2	Benzene, 1,4-dichloro-	Benzene, 1,4-dichloro-	106-46-7
3,3'-Dichlorobenzidine	C12H10Cl2N2	1,1'-Biphenyl, 4,4'-diamino-3,3'-dichloro-	1,2-Benzenediamine, 3,3'-dichloro-	91-94-1
1,4-Dichloro-2-butene	C4H6Cl2	2-Butene, 1,4-dichloro-, (E)-	2-Butene, 1,4-dichloro-, (E)-	110-57-6
Dichlorodifluoromethane	CCl2F2	Methane, dichlorodifluoro-	Methane, dichlorodifluoro-	75-71-8
1,1-Dichloroethane	C2H4Cl2	Ethane, 1,1-dichloro-	Ethane, 1,1-dichloro-	75-34-3
1,1-Dichloroethene	C2H2Cl2	Ethene, 1,1-dichloro-	Ethene, 1,1-dichloro-	75-35-4
1,2-Dichloroethene	C2H2Cl2	Ethene, 1,2-dichloro-	Ethene, 1,2-dichloro-	540-59-0
Dichloromethane	CH2Cl2	Methane, dichloro-	Methane, dichloro-	75-09-2
Dichloromethylbenzene	C7H6Cl2	Benzene, dichloromethyl-	Benzene, (dichloromethyl)-	98-87-3
2,6-Dichlorophenol	C6H4Cl2O	Phenol, 2,6-dichloro-	Phenol, 2,6-dichloro-	87-65-0
1,2-Dichloropropane	C3H6Cl2	Propane, 1,2-dichloro-	Propane, 1,2-dichloro-	78-87-5
1,3-Dichloropropane	C3H6Cl2	Propane, 1,3-dichloro-	Propane, 1,3-dichloro-	142-28-9

Appendix F--List of Common Names. (sheet 4 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CAS#
N,N-Diethylhydrazine	C4H12N2	Hydrazine, 1,2-diethyl-	Hydrazine, 1,2-diethyl-	1615-80-1
Diethyl phthalate	C12H14O4	1,2-Benzenedicarboxylic acid, diethyl ester	1,2-Benzenedicarboxylic acid, diethyl ester	84-66-2
Dihydrosofrole	C10H12O2	1,3-Benzodioxole, 5-propenyl-	1,3-Benzodioxole, 5-propenyl-	94-58-6
3,3'-Dimethoxybenzidine	C14H16N2O2	1,1'-Biphenyl, 4-4'-diamine-3,3'-dimethoxy-	[1,1'-Biphenyl]-4-4'-diamine, 3,3'-dimethoxy-	119-90-4
4-Dimethylaminoazobenzene	C14H15N3	Benzenamine, N,N-dimethyl-4-(phenylazo)-	Benzenamine, N,N-dimethyl-4-(phenylazo)-	60-11-7
Dimethylbenz[alanthracene	C20H16	Benz[alanthracene, 1,12-dimethyl-	Benz[alanthracene, 1,12-dimethyl-	313-74-6
3,3'-Dimethylbenzidine	C14H16N2	1,1'-Biphenyl, 4-4'-diamine-3,3'-dimethyl-	[1,1'-Biphenyl]-4-4'-diamine, 3,3'-dimethyl-	119-93-7
N,N-Dimethylhydrazine	C2H8N2	Hydrazine, 1,1-dimethyl-	Hydrazine, 1,1-dimethyl-	57-14-7
N,N'-Dimethylhydrazine	C2H8N2	Hydrazine, 1,2-dimethyl-	Hydrazine, 1,2-dimethyl-	540-73-8
Dimethyl phthalate	C10H10O4	1,3-Benzodicarboxylic acid, dimethyl ester	1,3-Benzodicarboxylic acid, dimethyl ester	131-11-3
Dinitrobenzene	C6H4N2O4	Benzene, dinitro-	Benzene, dinitro-	25154-54-5
Dinitroresol and salts	C7H6N2O5	Phenol, 2-methyl-4,6-dinitro-	Phenol, 2-methyl-4,6-dinitro-	534-52-1
Dinitro-2-cyclohexylphenol	C12H14N2O5	Phenol, 2-cyclohexyl-4,6-dinitro-	Phenol, 2-cyclohexyl-4,6-dinitro-	131-89-5
2,4-Dinitrophenol	C6H4N2O5	Phenol, 2,4-dinitro-	Phenol, 2,4-dinitro-	51-28-5
2,4-Dinitrotoluene	C7H6N2O4	Benzene, 1-methyl-2,4-dinitro-	Benzene, 1-methyl-2,4-dinitro-	121-14-2
2,6-Dinitrotoluene	C7H6N2O4	Benzene, 2-methyl-1,3-dinitro-	Benzene, 2-methyl-1,3-dinitro-	606-20-2
Di-n-octyl phthalate	C24H38O4	1,2-Benzenedicarboxylic acid, dioctyl ester	1,2-Benzenedicarboxylic acid, dioctyl ester	117-84-0
1,4-Dioxane	C4H8O2	1,4-Dioxane	1,4-Dioxane	123-91-1
Diphenylamine	C12H11N	Benzenamine, N-phenyl-	Benzenamine, N-phenyl-	122-39-4
N,N'-Diphenylhydrazine	C12H12N2	Hydrazine, 1,2-diphenyl-	Hydrazine, 1,2-diphenyl-	122-66-7
Dodecane	C12H26	Dodecane	Dodecane	112-40-3
Epichlorohydrin	C3H5ClO	Oxirane, chloromethyl-	Oxirane, chloromethyl-	106-89-8
Ethanol	C2H6O	Ethanol	Ethanol	64-17-5
Ethyl acetate	C4H8O2	Acetic acid, ethenyl ester	Acetic acid, ethenyl ester	108-05-4
Ethylbenzene	C8H10	Benzene, ethyl-	Benzene, ethyl-	100-41-4
Ethyl cyanide	C3H5N	Propanenitrile	Propanenitrile	107-12-0
Ethylene glycol	C2H6O2	1,2-Ethanediol	1,2-Ethanediol	107-21-1
Ethylene oxide	C2H4O	Oxirane	Oxirane	75-21-8
Ethylmethacrylate	C6H10O2	2-Propenoic acid, 2-methyl- ethyl ester	2-Propenoic acid, 2-methyl- ethyl ester	97-63-2
Ethylmethanesulfonate	C3H8O3S	Methanesulfonic acid, ethyl ester	Methanesulfonic acid, ethyl ester	62-50-0
Fluoranthene	C16H10	Fluoranthene	Fluoranthene	206-44-0

Appendix F--List of Common Names. (sheet 5 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CASN
Fluorene	C13H10	Fluorene	9H-Fluorene	86-73-7
Formaldehyde	CH2O	Formaldehyde	6beta,6alpha,7beta,7alpha)-	50-00-0
Hexachlorobenzene	C6Cl6	Formaldehyde	Formaldehyde	118-74-1
Hexachlorobutadiene	C4Cl6	Benzene, hexachloro-	Benzene, hexachloro-	87-68-3
		1,3-Butadiene, 1,1,2,3,4,4-	1,3-Butadiene, 1,1,2,3,4,4-	
		hexachloro-	hexachloro-	
Hexachlorocyclopentadiene	C5Cl6	1,3-Cyclopentadiene, 1,2,3,4,5,5-	1,3-Cyclopentadiene, 1,2,3,4,5,5-	77-47-4
		hexachloro-	hexachloro-	
Hexachloroethane	C2Cl6	Ethane, hexachloro-	Ethane, hexachloro-	67-72-1
Hexachlorophene	C13H6Cl6O2	Phenol, 2,2'-methylenebis[3,4,6-	Phenol, 2,2'-methylenebis[3,4,6-	70-30-4
		trichloro-	trichloro-	
Hexachloropropene	C3Cl6	1-Propene, 1,1,2,3,3,3-	1-Propene, 1,1,2,3,3,3-	1888-71-7
		hexachloro-	hexachloro-	
2-Hexanone	C6H12O	2-Hexanone	2-Hexanone	591-78-6
Hydrazine	H4N2	Hydrazine	Hydrazine	302-01-2
Indeno(1,2,3-cd)pyrene	C22H12	Indeno[1,2,3-cd]pyrene	Indeno[1,2,3-cd]pyrene	193-39-5
Iodomethane	CH3I	Methane, iodo-	Methane, iodo-	74-88-4
Isodrin	C12H8Cl6	1,4:5,8-Dimethanonaphthalene, 1,	1,4:5,8-Dimethanonaphthalene, 1,	465-73-6
		2,3,4,10,10-hexachloro-1,4,4a,	2,3,4,10,10-hexachloro-1,4,4a,	
		5,8,8a-hexahydro-, endo,	5,8,8a-hexahydro-, (1alpha,	
			4alpha,4beta,5beta,8beta,	
			8beta)-	
Isophorone	C9H14O	2-Cyclohexen-1-one, 3,5,5-	2-Cyclohexen-1-one, 3,5,5-	78-59-1
		trimethyl-	trimethyl-	
Isosafrole	C10H10O2	1,3-Benzodioxole, 5-(1-propenyl)-	1,3-Benzodioxole, 5-(1-propenyl)-	120-58-1
Kerosene				8008-20-6
Maleichydrazide	C4H4N2O2	3,6-Pyridazinedione, 1,2-dihydro-	3,6-Pyridazinedione, 1,2-dihydro-	123-33-1
Malononitrile	C3H2N2	Propanedinitrile	Propanedinitrile	109-77-3
Melphalan	C13H18Cl12N2O2	L-Phenylalanine, 4-[bis(2-chloro	L-Phenylalanine, 4-[bis(2-chloro	148-82-3
		ethyl)amino]-	ethyl)amino]-	
Methacrylonitrile	C4H5N	2-Propenenitrile, 2-methyl-	2-Propenenitrile, 2-methyl-	126-98-7
Methapyrilene	C14H19N3S	1,2-Ethanediimine, N,N-dimethyl-	1,2-Ethanediimine, N,N-dimethyl-	91-79-1
		N'-2-pyridinyl-N'-(3-thienyl	N'-2-pyridinyl-N'-(3-thienyl	
		methyl)-	methyl)-	
2-Methylaziridine	C3H7N	Aziridine, 2-methyl-	Aziridine, 2-methyl-	75-55-8
3-Methylcholanthrene	C21H16	Benz[j]aceanthrylene, 1,2-	Benz[j]aceanthrylene, 1,2-	56-49-5
		dihydro-3-methyl-	dihydro-3-methyl-	
Methylenbischloroaniline	C13H12Cl2N2	Benzenamine, 4,4'-methylene	Benzenamine, 4,4'-methylene	101-14-4
		bis(2-chloro-	bis(2-chloro-	

Appendix F--List of Common Names. (sheet 6 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CASN
2-Methylallactonitrile	C4H7NO	Propanenitrile, 2-hydroxy-2-methyl-	Propanenitrile, 2-hydroxy-2-methyl-	75-86-5
Methyl mercaptan	CH4S	Methanethiol	Methanethiol	74-93-1
Methylmethacrylate	C5H8O2	2-Propenoic acid, 2-methyl-methyl ester	2-Propenoic acid, 2-methyl-methyl ester	80-62-6
Methyl nitrosourethane	C4H8N2O3	Carbamic acid, methyl nitroso-ethyl ester	Carbamic acid, methyl nitroso-ethyl ester	615-53-2
2-Methylpropan-1-ol	C4H10O	1-Propanol, 2-methyl-	1-Propanol, 2-methyl-	78-83-1
2-Methylpyridine	C6H7N	Pyridine, 2-methyl-	Pyridine, 2-methyl-	109-06-8
Methylthiouracil	C5H6N2OS	Uracil, 6-methyl-2-thio-	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thio-	56-04-2
MIBK (Hexone)	C6H12O	2-Pentanone, 4-methyl-	2-Pentanone, 4-methyl-	108-10-1
Monobutylphosphate	C4H11O4P	Phosphoric acid, butyl ester	Phosphoric acid, butyl ester	12788-93-1
Naphthalene	C10H8	Naphthalene	Naphthalene	91-20-3
1,4-Naphthalenedione	C10H6O2	1,4-Naphthalenedione	1,4-Naphthalenedione	130-15-4
Nicotinic acid	C6H5NO2	3-Pyridinecarboxylic acid	3-Pyridinecarboxylic acid	59-67-6
2-Nitroaniline	C6H6N2O2	1-Amino-2-nitrobenzene	Benzenamine, 2-nitro-	88-74-4
3-Nitroaniline	C6H6N2O2	1-Amino-3-nitrobenzene	Benzenamine, 3-nitro-	99-09-2
4-Nitroaniline	C6H6N2O2	Benzenamine, 4-nitro-	Benzenamine, 4-nitro-	100-01-6
Nitrobenzene	C6H5NO2	Benzene, nitro-	Benzene, nitro-	98-95-3
2-Nitrophenol	C6H5NO3	Phenol, 2-nitro-	Phenol, 2-nitro-	88-75-5
4-Nitrophenol	C6H5NO3	Phenol, 4-nitro-	Phenol, 4-nitro-	100-02-7
4-Nitroquinoline-1-oxide	C9H6N2O3	Quinoline, 4-nitro-, 1-oxide	Quinoline, 4-nitro-, 1-oxide	56-57-5
N-Nitroso-n-butylamine	C8H18N2O	1-Butanamine, N-butyl-N-nitroso-	1-Butanamine, N-butyl-N-nitroso-	924-16-3
N-Nitrosodichloroamine	C4H10N2O3	Ethanol, 2,2'-(nitrosoimino)bis-	Ethanol, 2,2'-(nitrosoimino)bis-	1116-54-7
N-Nitrosodimethylamine	C2H6N2O	Methanamine, N-methyl-N-nitroso-	Methanamine, N-methyl-N-nitroso-	62-75-9
N-Nitrosodiphenylamine	C12H11ON2O	Amine, diphenyl-N-nitroso-	Benzenamine, N-nitroso-N-phenyl-	86-30-6
N-Nitrosomethylethylamine	C3H8N2O	Ethanamine, N-methyl-N-nitroso-	Ethanamine, N-methyl-N-nitroso-	10595-95-6
N-Nitrosomethylvinylamine	C3H6N2O	Vinylamine, N-methyl-N-nitroso-	Vinylamine, N-methyl-N-nitroso-	4549-40-0
N-Nitrosomorpholine	C4H8N2O2	Morpholine, 4-nitroso-	Morpholine, 4-nitroso-	59-89-2
N-Nitrosornicotine	C9H11N3O	Pyridine, 3-(1-nitroso-2-pyrrolidyl)-	Pyridine, 3-(1-nitroso-2-pyrrolidyl)-, (S)	106153-58-6
Nitrosopiperidine	C5H10N2O	Piperidine, 1-nitroso-	Piperidine, 1-nitroso-	100-75-4
N-Nitroso-n-propylamine	C6H14N2O	1-Propanamine, N-nitroso-N-propyl-	1-Propanamine, N-nitroso-N-propyl-	621-64-7
Nitrosopyrrolidine	C4H8N2O	Pyrrolidine, 1-nitroso-	Pyrrolidine, 1-nitroso-	930-55-2
Paraldehyde	C6H12O3	1,3,5-Trioxane, 2,4,6-trimethyl-	1,3,5-Trioxane, 2,4,6-trimethyl-	123-63-7
Pentachlorobenzene	C6HCl5	Benzene, pentachloro-	Benzene, pentachloro-	608-93-5

Appendix F--List of Common Names. (sheet 7 of 8)

Data Report Name	Formula	Handbook name	Chemical abstracts name	CASN
Pentachloroethane	C2HCl5	Ethane, pentachloro-	Ethane, pentachloro-	76-01-7
Phenacetin	C10H13NO2	Acetamine, N-(4-ethoxyphenyl)-	Acetamine, N-(4-ethoxyphenyl)-	62-44-2
Phenol	C6H6O	Phenol	Phenol	108-95-2
2-Phenyl-tert-butylamine	C10H15N	Benzenethanamine, alpha,alpha-dimethyl-	Benzenethanamine, alpha,alpha-dimethyl-	122-09-8
Phthalic anhydride	C8H4O3	Phthalic anhydride	1,2-Benzenedicarboxylic acid anhydride	85-44-9
Pronamide	C12H11Cl2NO	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	23950-58-5
1-Propanamine	C3H9N	1-Propanamine	1-Propanamine	107-10-8
1-Propanol	C3H8O	1-Propanol	1-Propanol	71-23-8
2-Propyn-1-ol	C3H4O	2-Propyn-1-ol	2-Propyn-1-ol	107-19-7
Pyridine	C5H5N	Pyridine	Pyridine	110-86-1
Reserpine	C33H40N2O9	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenxoyl)oxy]-methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenxoyl)oxy]-methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-	50-55-5
Resorcinol	C6H6O2	1,3-Benzenediol	1,3-Benzenediol	108-46-3
Safrol	C10H10O2	1,3-Benzodioxole	1,3-Benzodioxole, 5-(2-propenyl)-	94-59-7
Strychnine	C21H22N2O2	Strychnidin-10-one	Strychnidin-10-one	57-24-9
Styrene	C8H8	Benzene, ethenyl-	Benzene, ethenyl-	100-42-5
1,2,3,4-Tetrachlorobenzene	C6H2Cl4	Benzene, 1,2,3,4-tetrachloro-	Benzene, 1,2,3,4-tetrachloro-	634-66-2
1,2,3,5-Tetrachlorobenzene	C6H2Cl4	Benzene, 1,2,3,5-tetrachloro-	Benzene, 1,2,3,5-tetrachloro-	634-90-2
1,1,1,2-Tetrachloroethane	C2H2Cl4	Ethane, 1,1,1,2-tetrachloro-	Ethane, 1,1,1,2-tetrachloro-	630-20-6
1,1,2,2-Tetrachloroethane	C2H2Cl4	Ethane, 1,1,2,2-tetrachloro-	Ethane, 1,1,2,2-tetrachloro-	79-34-5
Tetrachloroethene	C2Cl4	Ethene, tetrachloro-	Ethene, tetrachloro-	127-18-4
Tetrachloromethane	CCl4	Methane, tetrachloro-	Methane, tetrachloro-	56-23-5
2,3,4,6-Tetrachlorophenol	C6H2Cl4O	Phenol, 2,3,4,6-tetrachloro-	Phenol, 2,3,4,6-tetrachloro-	58-90-2
Tetradecane	C14H30	Tetradecane	Tetradecane	629-59-4
Tetrahydrofuran	C4H8O	Furan, tetrahydro-	Furan, tetrahydro-	109-99-9
Thiofanox	C9H18N2O2S	2-Butanone, 3,3-dimethyl-1-methyl thio-, O-[(methylamino)carbonyl]oxime	2-Butanone, 3,3-dimethyl-1-methyl thio-, O-[(methylamino)carbonyl]oxime	39196-18-4
Thionazin	C8H13N2O3PS	O,O-Diethyl 0-2-pyrazinyl phosphorothionate	Phosphorothioic acid, O,O-diethyl 0-pyrazinyl ester	297-97-2
Thiophenol	C6H6S	Benzenethiol	Benzenethiol	108-98-5
Thiuram	C6H12N2S4	Thioperoxydicarbonic diamide, tetramethyl-	Thioperoxydicarbonic diamide, tetramethyl-	137-26-8

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Data Report Name	Formula	Handbook name	Chemical abstracts name	CASN
Toluene	C7H8	Benzene, methyl-	Benzene, methyl-	108-88-3
Toluenediamine	C7H10N2	1,3-Benzenediamine, ar-methyl-	1,3-Benzenediamine, ar-methyl-	25376-45-8
2-Toluidine hydrochloride	C7H9N.ClH	Aniline, 2-methyl-, hydrochloride	Benzenamine, 2-methyl-, hydrochloride	636-21-5
Tribromomethane	CHBr3	Methane, tribromo-	Methane, tribromo-	75-25-2
Tributylphosphate	C12H27O4P	Phosphoric acid, tributyl ester	Phosphoric acid, tributyl ester	126-73-8
1,2,3-Trichlorobenzene	C6H3Cl3	Benzene, 1,2,3-trichloro-	Benzene, 1,2,3-trichloro-	87-61-6
1,2,4-Trichlorobenzene	C6H3Cl3	Benzene, 1,2,4-trichloro-	Benzene, 1,2,4-trichloro-	120-82-1
1,3,5-Trichlorobenzene	C6H3Cl3	Benzene, 1,3,5-trichloro-	Benzene, 1,3,5-trichloro-	108-70-3
1,1,1-Trichloroethane	C2H3Cl3	Ethane, 1,1,1-trichloro-	Ethane, 1,1,1-trichloro-	71-55-6
1,1,2-Trichloroethane	C2H3Cl3	Ethane, 1,1,2-trichloro-	Ethane, 1,1,2-trichloro-	79-00-5
Trichloroethene	C2HCl3	Ethene, trichloro-	Ethylene, trichloro-	79-01-6
Trichlorofluoromethane	CCl3F	Methane, trichlorofluoro-	Methane, trichlorofluoro-	75-69-4
Trichloromethane	CHCl3	Methane, trichloro-	Methane, trichloro-	67-66-3
Trichloromethanethiol	CHCl3S	Methanethiol, trichloro-	Methanethiol, trichloro-	75-70-7
2,4,5-Trichlorophenol	C6H3Cl3O	Phenol, 2,4,5-trichloro-	Phenol, 2,4,5-trichloro-	95-95-4
1,2,3-Trichloropropane	C3H5Cl3	Propane, 1,2,3-trichloro-	Propane, 1,2,3-trichloro-	96-18-4
Tridecane	C13H28	Tridecane	Tridecane	629-50-5
Triethylphosphorothioate	C6H15O3PS	Phosphorothioic acid, 0,0,0-triethyl ester	Phosphorothioic acid, 0,0,0-triethyl ester	126-68-1
1,3,5-Trinitrobenzene	C6H3N3O6	Benzene, 1,3,5-trinitro-	Benzene, 1,3,5-trinitro-	99-35-4
TRIS	C9H15Br6O4P	1-Propanol, 2,3-dibromo-, phosphate (3:1)	1-Propanol, 2,3-dibromo-, phosphate (3:1)	126-72-7
Undecane	C11H24	Undecane	Undecane	1120-21-4
Urethane	C3H7NO2	Carbamic acid, ethyl ester	Carbamic acid, ethyl ester	51-79-6
Warfarin	C19H16O4	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxy-1-phenylbutyl)-	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxy-1-phenylbutyl)-	81-81-2
1,2-Xylene & 1,4-Xylene	C8H10	Benzene, 1,4-dimethyl-	Benzene, 1,4-dimethyl-	106-42-3
1,3-Xylene	C8H10	Benzene, 1,3-dimethyl-	Benzene, 1,3-dimethyl-	108-38-3

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