UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

September 15, 2004

James J. Sheppard, President and
Chief Executive Officer
STP Nuclear Operating Company
P.O. Box 289
Wadsworth, Texas 77483

SUBJECT: SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION - NRC RADIATION SAFETY TEAM INSPECTION REPORT 05000498/2004009; 05000499/2004009

Dear Mr. Sheppard:

On July 16, 2004, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your South Texas Project Electric Generating Station, Units 1 and 2, facility. After additional information was reviewed, the team conducted a telephone conference on August 9, 2004. The enclosed Radiation Safety Team inspection report documents the inspection findings which were discussed with Mr. Gary Parkey, Executive Vice President of Generation and General Plant Manager, and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The team reviewed selected procedures and records, observed activities, and interviewed personnel. Specifically, the team evaluated the inspection areas within the Radiation Protection Strategic Performance Area that are scheduled for review every two years. These areas are:

- Radiation Monitoring Instrumentation
- Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems
- Radioactive Material Processing and Transportation
- Radiological Environmental Monitoring Program and Radioactive Material Control Program

Based on the results of this inspection, no findings of significance were identified. However, two licensee-identified violations, which were determined to be of very low safety significance, are listed in Section 4OA7 of this report. If you contest these non-cited violations or their significance, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, U.S. Nuclear Regulatory Commission Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011-4005; the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington DC 20555-001; and the NRC Resident Inspector at the South Texas, Units 1 and 2, facility.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).
Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

//RA//

Michael P. Shannon, Chief
Plant Support Branch
Division of Reactor Safety

Dockets: 50-498
50-499
Licenses: NPF-76
NPF-80

Enclosure:
NRC Inspection Report 05000498/2004009; 05000499/2004009
w/Attachment: Supplemental Information

cc w/enclosure:
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Electronic distribution by RIV:
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DRS Director **(DDC)**
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Senior Project Engineer, DRP/A **(TRF)**
Staff Chief, DRP/TSS **(PHH)**
RITS Coordinator **(KEG)**
DRS STA **(DAP)**
Matt Mitchell, OEDO RIV Coordinator **(MAM4)**
STP Site Secretary **(LAR)**

ADAMS: ■ Yes ☐ No Initials: ____
■ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ■ Non-Sensitive

R:_STP\2004\STP2004-09RP-Team-BDB.wpd

RIV:DRS/PSB	PSB	PSB	PSB	C:PSB
BDBaca:jlh	GLGuerra	LTRicketson	BKTharakan	MPShannon
/RA/	***via E***	***//RA//***	***/RA/***	***/RA/***
8/ 25 /04	8/ 31 /04	8/ 26 /04	9/10 /04	9/ 13 /04

C:DRP/A	C:PSB			
WDJohnson	MPShannon			
/RA/	***/RA/***			
9/14 /04	9/14 /04			

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ENCLOSURE

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

Dockets:	50-498, 50-499
Licenses:	NPF-76 NPF-80
Report No:	05000498/2004009 05000499/2004009
Licensee:	STP Nuclear Operating Company
Facility:	South Texas Project Electric Generating Station, Units 1 and 2
Location:	FM 521 - 8 miles west of Wadsworth Wadsworth, Texas 77483
Dates:	July 12 through August 9, 2004
Inspectors:	B. Baca, Health Physicist - Team Leader G. Guerra, Resident Inspector L. Ricketson, P.E., Senior Health Physicist B. Tharakan, Health Physicist
Approved By:	Michael P. Shannon, Chief, Plant Support Branch Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000498/2004009, 05000499/2004009; July 12 - August 9, 2004; South Texas Project Electric Generating Station; Units 1 & 2; Radioactive Material Control Program.

The report covered a one week period of inspection on site by a team of three region-based health physics inspectors and a resident inspector. Based upon the results of the inspection, the team reviewed two violations of very low safety significance (Green), which were identified by the licensee. Corrective actions taken or planned by the licensee have been entered into the licensee's corrective action program. These violations and their corresponding corrective action tracking number are listed in Section 4OA7.

The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

Report Details

2. RADIATION SAFETY
Cornerstone: Occupational Radiation Safety [OS]

2OS3 Radiation Monitoring Instrumentation and Protective Equipment (71121.03)

a. Inspection Scope

This area was inspected to determine the accuracy and operability of radiation monitoring instruments that are used for the protection of occupational workers and the adequacy of the program to provide self-contained breathing apparatus (SCBA) to workers. The team used the requirements in 10 CFR Part 20 and the licensee's procedures required by technical specifications as criteria for determining compliance. The team interviewed licensee personnel and reviewed:

- Calibration of area radiation monitors associated with transient high and very high radiation areas and post-accident monitors used for remote emergency assessment
- Calibration of portable radiation detection instrumentation, electronic alarming dosimetry, and continuous air monitors used for job coverage
- Calibration of whole body counting equipment and radiation detection instruments utilized for personnel and material release from the radiologically controlled area
- Audits and self-assessments
- Corrective action program reports since the last inspection
- Licensee action in cases of repetitive deficiencies or significant individual deficiencies
- Calibration expiration and source response check currency on radiation detection instruments staged for use
- The licensee's capability for refilling and transporting SCBA air bottles to and from the control room and operations support center during emergency conditions, status of SCBA staged and ready for use in the plant and associated surveillance records, and personnel qualification and training
- Qualification documentation for onsite personnel designated to perform maintenance on the vendor-designated vital components, and the vital component maintenance records for SCBA units.

Either because the conditions did not exist or an event had not occurred, no opportunities were available to review the following item:

- Licensee Event Reports.

The inspector completed 9 of the required 9 samples.

b. Findings

No findings of significance were identified.

2PS1 Radioactive Gaseous And Liquid Effluent Treatment And Monitoring Systems (71122.01)

a. Inspection Scope

This area was inspected to ensure that the gaseous and liquid effluent processing systems are maintained so that radiological releases are properly mitigated, monitored, and evaluated with respect to public exposure. The team used the requirements in 10 CFR Part 20, 10 CFR Part 50 Appendices A and I, the Offsite Dose Calculation Manual, and the licensee's procedures required by technical specifications as criteria for determining compliance. The team interviewed licensee personnel and reviewed:

- The most current radiological effluent release reports, changes to radiation monitor setpoint calculation methodology, anomalous sampling results, effluent radiological occurrence performance indicator incidents, self-assessments, audits, and licensee event reports
- Gaseous and liquid release system component configurations
- Routine processing, sample collection, sample analysis, and release of radioactive liquid and gaseous effluent; including effluent release permit generation and dose projections to members of the public
- Abnormal releases
- Changes made by the licensee to the ODCM, the liquid or gaseous radioactive waste system design, procedures, or operation since the last inspection
- Monthly, quarterly, and annual dose calculations
- Surveillance test results involving air cleaning systems and stack or vent flow rates
- Instrument calibrations of discharge effluent radiation monitors and flow measurement devices, effluent monitoring system modifications, effluent radiation monitor alarm setpoint values, and counting room instrumentation calibration and quality control
- Measurement Assurance Program (Interlaboratory comparison) results
- Audits, self-assessments and corrective action reports performed since the last inspection.

Either because the conditions did not exist or an event had not occurred, no opportunities were available to review the following items:

- Licensee Event Reports or special reports.

The inspectors completed 10 of the required 10 samples.

b. Findings

No findings of significance were identified.

2PS2 Radioactive Material Processing and Transportation (71122.02)

a. Inspection Scope

This area was inspected to verify that the licensee's radioactive material processing and transportation program complies with the requirements of 10 CFR Parts 20, 61, and 71 and Department of Transportation regulations contained in 49 CFR Parts 170-189. The team interviewed licensee personnel and reviewed:

- The radioactive waste system description, recent radiological effluent release reports, and the scope of the licensee's audit program
- Liquid and solid radioactive waste processing systems configurations, the status and control of any radioactive waste process equipment that is not operational or is abandoned in place, changes made to the radioactive waste processing systems since the last inspection, and current processes for transferring radioactive waste resin and sludge discharges
- Radio-chemical sample analysis results for radioactive waste streams and use of scaling factors and calculations to account for difficult-to-measure radionuclides
- Shipping records for non-excepted package shipments
- Licensee event reports, special reports, audits, state agency reports, self-assessments and corrective action reports performed since the last inspection.

Either because the conditions did not exist or an event had not occurred, no opportunities were available to review the following items:

- Shipment packaging, surveying, labeling, marking, placarding, vehicle checking, driver instructing, and disposal manifesting.

The inspector completed 6 of the required 6 samples.

b. Findings

No findings of significance were identified.

2PS3 Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program (71122.03)

a. Inspection Scope

This area was inspected to ensure that the REMP verifies the impact of radioactive effluent releases to the environment and sufficiently validates the integrity of the radioactive gaseous and liquid effluent release program; and that the licensee's surveys and controls are adequate to prevent the inadvertent release of licensed materials into the public domain. The team used the requirements in 10 CFR Part 20, 10 CFR Part 50, Appendix I, the Offsite Dose Calculation Manual, and the licensee's procedures required by technical specifications as criteria for determining compliance. The team interviewed licensee personnel and reviewed or observed the following:

- Procedures for the radiological environmental monitoring, meteorological, and radioactive material control programs
- 2002 and 2003 annual environmental operating reports and licensee audits conducted since June 2002.
- A sampling of air sampling stations (01, 15, 16, 18, 33, 35, 37, 39), water sampling stations (216, 228, 243), and thermoluminescence dosimeter (TLD) monitoring stations (01, 15, 16, 18, 33, 35, 37, 39)
- Collection and preparation of environmental samples
- Operability, calibration, and maintenance of meteorological instruments
- Each event documented in the 2002 and 2003 Annual Environmental Monitoring Report which involved a missed sample, inoperable sampler, lost TLD, or anomalous measurement
- Significant changes made by the licensee to the ODCM as the result of changes to the land use census or sampler station modifications since June 2002
- Calibration and maintenance records for air samplers and environmental sample radiation measurement instrumentation, quality control program, and interlaboratory comparison program results
- Unit 1 Radiologically Controlled Area access point and methods used to control, survey, and release of materials from radiologically controlled areas
- Types of radiation monitoring instrumentation used to monitor items released from radiologically controlled areas, criteria used to survey potentially contaminated material, radiation detection sensitivities, procedural guidance, and material release records

- Selected corrective action documents written since June 2002 involving the radiological environmental monitoring, meteorological monitoring, and radioactive material control programs.

The inspector completed 10 of the required 10 samples.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES

4OA2 Problem Identification and Resolution

Annual Sample Review

a. Inspection Scope

The team evaluated the effectiveness of the licensee's problem identification and resolution process with respect to the following inspection areas:

- Radiation Monitoring Instrumentation (Section 2OS3)
- Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems (Section 2PS1)
- Radioactive Material Processing and Transportation (Section 2PS2)
- Radiological Environmental Monitoring Program and Radioactive Material Control Program (Section 2PS3)

b. Findings and Observations

No findings of significance were identified**.**

4OA6 Management Meetings

Exit Meeting Summary

On July 16, 2004, the team presented the inspection results to Mr. G. Parkey, Executive Vice President of Generation and General Plant Manager, and other members of his staff who acknowledged the findings. However, additional information on radioactive material control was received for review. After the additional information was reviewed, the team conducted a telephone conference on August 9, 2004, and discussed the results with Mr. G. Parkey, Executive Vice President of Generation and General Plant Manager, and members of his staff who acknowledged the additional finding. The team confirmed that proprietary information was not provided or examined during the inspection.

4OA7 Licensee-Identified Violations

The following findings of very low safety significance were identified by the licensee. These findings were violations of NRC requirements which meet the criteria of Section VI of the NRC Enforcement Policy, NUREG-1600, for being dispositioned as NCVs.

.1 10 CFR 20.1802 states, in part, that the licensee shall control and maintain constant surveillance of licensed material that is in a controlled or unrestricted area. On November 7, 2002, the licensee identified approximately 80 nanocuries of Cobalt-58 contamination on an individual's modesty garments. The individual changed into clean modesty garments and was allowed to leave the site; however, the licensee failed to maintain control over the contaminated modesty garments by allowing the material to leave the site with the individual. This finding was documented in the licensee's corrective action program as Condition Report 02-16462. This finding was of very low safety significance because it involved an occurrence in the licensee's radioactive material control program, public exposure was not greater than five millirem, and there were no more than five occurrences during the previous eight quarters.

.2 Technical Specification 6.8.1(a) requires that procedures be established, implemented, and maintained covering the applicable procedures in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978. Step 7.5.1 of Procedure 0PGP03-ZR-0053, Radioactive Material Control Program, required in part, that all items exiting the radiologically controlled area shall be evaluated for radioactivity prior to release. On April 6, 2004, an internal pin from a safety chain clip was removed from the radiologically controlled area (RCA) without being monitored for radioactivity. The pin was found in the refuel trailer within the protected area a short time after it was removed from the RCA. The pin was returned to the RCA for analysis and it was determined that the pin had a total of about 30 nanocuries of contamination. This finding was documented in the licensee's corrective action program as Condition Report 04-04731. This finding was of very low safety significance because it involved an occurrence in the licensee's radioactive material control program, public exposure was not greater than five millirem, and there were no more than five occurrences during the previous eight quarters.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee personnel

R. Aguilera, Supervisor, Radiation Protection
D. Bryant, Supervisor, Chemistry Performance
W. Bullard, Manager, Radiation Protection
L. Earls, Consulting Engineer, Radiation Protection
J. Houston, Specialist, Radiation Protection
R. Jones, Staff Lead Metrology Specialist, Metrology and Radiological Laboratories
K. Kleinhaus, Shipper, Radiation Protection
R. Lala, Supervisor, Instrument and Controls Maintenance
G. Parkey, Executive Vice President of Generation and General Plant Manager
T. Riccio, Engineer, Instrumentation/Monitoring Systems
R. Savage, Senior Staff Specialist, Licensing
J. Sepulveda, Supervisor, Radiation Protection
D. Sherwood, Supervisor, Radiation Protection
C. Stone, Supervisor, Radiation Protection

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened and Closed During this Inspection

NONE

Previous Items Closed

NONE

Previous Items Discussed

NONE

LIST OF DOCUMENTS REVIEWED

Section 2OS3: Radiation Monitoring Instrumentation and Protective Equipment

Procedures

0PGP03-ZM-0016	Installed Plant Instrumentation Calibration Verification Program, Revision 21
0PGP03-ZR-0054	Respiratory Protection Program, Revision 10
0PRP02-ZR-0005	Operation of the Canberra Counting System, Revision 11
0PRP02-ZR-0007	Evaluation of Intakes, Revision 8
0PRP02-ZR-0011	Calibration of the Whole Body Counting System, Revision 1
0PRP02-ZR-0011	Calibration of the Whole Body Counting System, Revision 3
0PRP04-ZR-0015	Radiological Posting and Warning Devices, Revision 16
0PRP05-ZR-0010	Health Physics Instrumentation Program, Revision 12
0PRP06-ZR-0002	Respiratory Protection Equipment Issue and Return, Revision 15
0PRP06-ZR-0008	Air Quality Evaluation for Compressors or Pressurized Gas Cylinders, Revision 3
0PSP08-ZR-0001	Radioactive Source Surveillance, Revision 10
0PTP03-ZC-0001	Measuring and Test Equipment / Radiological Instrument Calibration Program, Revision 14
0PTP04-ZC-0030	Calibration of the Eberline PM-7 Portal Monitor, Revision 1
0PTP04-ZC-0043	Calibration of Radiological Meters and Ion Chambers, Revision 10
0PTP04-ZC-0047	Calibration of the Siemens Electronic Personal Dosimeter, Revision 5

Condition Records

02-09555, 02-15206, 02-15448, 02-16117, 02-16301, 02-16505, 02-17900, 02-18982, 02-18147, 02-19364, 03-03310, 03-05555, 03-09375, 03-09875, 03-10943, 03-13060, 03-13239, 03-13374, 03-16073, 03-17525, 04-02131, 04-02348, 04-02837, 04-02844, 04-03371, 04-04031, 04-05025, 04-07102, and 04-07402

Quality Audit Report

03-13 (RC), Radiological Controls/Radwaste, October 20-30, 2003

Calibration Packages

EQ ID 155-00093-001	Ludlum 329 Series (Laundry Monitor) Calibration, July 27, 2003
EQ ID 155-00095-004	Eberline PM-7 Calibration, September 3, 2003
EQ ID 155-00095-006	Eberline PM-7 Calibration, July 14, 2003
EQ ID 155-00095-006	Eberline PM-7 Calibration, July 13, 2004
EQ ID 155-00095-007	Eberline PM-7 Calibration, August 11, 2003
EQ ID 155-00105-018	Eberline PCM-1C Calibration, January 5, 2004
EQ ID 155-00105-001	Eberline PCM-1C Calibration, September 3, 2003
EQ ID 400-00012-046	Ludlum 177 Calibration, February 18, 2004
EQ ID 400-00029-011	Eberline RO-2 Calibration, March 8, 2004
EQ ID 400-00029-017	Eberline RO-2 Calibration, January 16, 2004
EQ ID 400-00029-032	Eberline RO-2 Calibration, July 14, 2004

EQ ID 400-00029-056	Eberline RO-2 Calibration, February 2, 2004
EQ ID 400-00031-051	Ludlum 3 Calibration, February 21, 2004
EQ ID 400-00031-058	Ludlum 3 Calibration, February 21, 2004
EQ ID 400-00047-026	Ludlum 177-64 Calibration, December 1, 2003
EQ ID 400-00099-002	Eberline AMS 4 Calibration, April 27, 2004
EQ ID 400-00099-016	Eberline AMS 4 Calibration, January 27, 2004
EQ ID 400-00100-007	MSA Air Sampler Calibration, June 17, 2004
EQ ID 400-00100-008	MSA Air Sampler Calibration, June 17, 2004
EQ ID 400-00129-001	Siemens EPD-N Calibration, March 22, 2004
EQ ID 400-00129-015	Siemens EPD-N Calibration, November 5, 2003
EQ ID 400-00129-027	Siemens EPD-N Calibration, September 22, 2004
EQ ID 400-00132-071	Siemens EPD2.3 Calibration, March 10, 2004
EQ ID 400-00132-077	Siemens EPD2.3 Calibration, March 2, 2004
INSP-U0502, 08/11/03	Canberra Accuscan Routine Calibration, August 7, 2003
INSP-U0502, 08/13/03	Quicky WBC Routine Calibration, August 13, 2003
NVLAP Lab 100519	NVLAP Onsite Assessment, effective through September 30, 2004
RMS Document 3389	Metrology Laboratory Specification Sheet, SES EPD, May 6, 2004
RMS Document 3719	Metrology Laboratory Specification Sheet, SES EPD-N, May 6, 2004

WAN 244791 Radioactive Source Surveillance, January 30, 2004
WAN 202976 RCB Atmosphere Monitor Calibration (RT-8011)
WAN 202977 RCB High Range Area Monitor Calibration (A2RA-RT-8050)
WAN 217519 RCB High Range Area Monitor Calibration (C1RA-RT-8051)
WAN 239252 RCB Atmosphere Monitor Calibration (RT-8011)
WAN 240364 RCB High Range Area Monitor Calibration (A2RA-RT-8050)
WAN 249651 RCB High Range Area Monitor Calibration (C1RA-RT-8051)

Miscellaneous

Listing of SCBA Certified Personnel
Air Quality Records for breathing air compressors
Electronic Dosimeter and TLD Dose Comparisons for 2002 and 2003
Positive Whole Body counts from June 1, 2002, through July 1, 2004

Section 2PS1: Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems

Procedures

0PCP01-ZT-0001	Tracking of Chemistry Conditional Surviellances and LCO Actions, Revision 2
0PCP01-ZQ-0007	Quality Assurance for Radioanalysis Instrumentation, Revision 3
0PCP07-ZS-0010	Waste Monitor Tank Sampling, Revision 2
0PEP08-RA-2053	Wide Range Gas Monitor Primary Calibration, Revision 1
0POP02-WL-0100	Liquid Waste Release, Revision 10
0PSP05-RA-8010A	Unit Vent Particulate and Iodine Effluent Monitor Calibration, Revision 4
0PSP05-RA-8010B	MAB Unit Vent Wide Range Gas Monitor Calibration, Revision 0
0PSP05-RA-8010B	MAB Unit Vent Wide Range Gas Monitor Calibration, Revision 2

0PSP05-RA-8038	Liquid Waste Processing System Number 1 Monitor Calibration, Revision 5
0PSP05-RA-8038	Liquid Waste Processing System Number 1 Monitor Calibration, Revision 6
0PSP05-WL-4078	Plant Liquid Waste Discharge Flow Calibration, Revision 3
0PSP07-VE-0002	Gaseous Effluent Sampling and Analysis, Revision 10
0PSP07-VE-0005	Gaseous Effluent Dose Assessment, Revision 4
0PSP07-WL-LDP1	Liquid Effluent Permit, Revision 9
0PSP11-ZH-0010	EAB and FHB HVAC Adsorbent Test, Revision 9

Condition Records

99-12987, 02-02460, 04-09605, and 04-09845

Calibration Packages

1DP-8010A	Unit 1 Vent Particulate and Iodine Effluent Monitor Calibration, September 11, 2003
1DP-8010B	MAB Unit 1 Vent Wide Range Gas Monitor Calibration, May 29, 2003
1DP-8038	Unit 1 Liquid Waste Processing System Number 1 Monitor Calibration, September 11, 2003
1DP-4078	Unit 1 Plant Liquid Waste Discharge Flow Calibration, June 10, 2003
2DP-8010A	Unit 2 Vent Particulate and Iodine Effluent Monitor Calibration, September 11, 2003
2DP-8010B	MAB Unit 2 Vent Wide Range Gas Monitor Calibration, January 27, 2003
2DP-8038	Unit 2 Liquid Waste Processing System Number 1 Monitor Calibration, November 3, 2003
2DP-4078	Unit 2 Plant Liquid Waste Discharge Flow Calibration, May 17, 2004
Detector 2906	Chemistry Counting Laboratory Instrumentation Calibration Package, February 21, 2000
Detector 2907	Chemistry Counting Laboratory Instrumentation Calibration Package, November 14, 2000

Release Permits

2WLDP616	Tank 2E, July 13, 2004
1WLDP595	Tank 1E, April 29, 2004
1WLDP436	Tank 1E, June 12, 2003
20054.056.022	Tank 2F, July 12, 2002
20030.076.023	Gaseous, June 6, 2002
1VE559	Gaseous, November 12, 2003
1VE2153	Particulate and Iodine, April 2, 2003
2VE2113	Particulate and Iodine, October 9, 2002

Surveillance Packages

1ZT028
1ZT027
WAN234956
WAN234957
WAN236073

Annual, Self-Assessment, and Quality Audit Reports

2002 Radioactive Effluent Release Report
2003 Radioactive Effluent Release Report
02-04 (OD), Offsite Dose Calculation Manual, May 13-21, 2002
03-07 (CH), Chemistry/Radiochemistry Program, May 12-22, 2003
03-13 (RC), Radiological Controls/Radwaste, October 20-30, 2003
03-09 (TE), Testing, September 8-18, 2003
03-034 (VA), NUCON, August 11-15, 2003
03-3354, Chemistry Instrumentation Self-assessment

Miscellaneous
Response to Generic Letter 99-02, "Laboratory Testing of Nuclear-Grade Activated Charcoal," November 29, 1999
Offsite Dose Calculation Manual, Revision 12, January 1, 2004
Radioassay Measurement Assurance Program Results

Section 2PS2: Radioactive Material Processing and Transportation

Procedures

0PGP03-ZO-0017	Radioactive Waste Process Control Program, Revision 5
0PRP03-ZR-0001	Determination of Radioactive Material Curie Content, Reportability, DOT Sub-Type and Waste Classification, Revision 7
0PRP03-ZR-0002	Radioactive Waste Shipments, Revision 13
0PRP03-ZR-0009	10 CFR 61 Sampling and Analysis Program, Revision 5
0PRP03-ZR-0011	Shipment of Radioactive Material, Revision 8

Condition Reports

02-016952, 03-09905, 03-14999, 04-02728, 04-03409, 04-06723, and 04-08369,

Quality Audit Report

03-13 (RC), Radiological Controls/Radwaste Program, October 20-30, 2003

Transportation Packages

1-03-0054, 2-04-0001, 2-04-0013, 2-04-0017, 2-04-0019, and 1-04-0030

Lesson Plan

RPT916.01.LP	49CFR172 Subpart H Training, Revision 0
SHT006.01.LP	49CFR172 Subpart H Function Specific Training, Revision 0

Miscellaneous

Radioactive Material/Waste Shipment Index
Waste Steam Sampling Results
Transportation Training Attendance List

Section 2PS3: Radiological Environmental Monitoring Program and Radioactive Material Control Program

Procedures
0PRP10-ZU-0001, REMP Sample Collection, Revision 5
0PRP10-ZU-0007, Environmental TLD Monitoring, Revision 10
0PRP10-ZL-0010, Preparation of Aqueous Samples for Tritium Analysis by Liquid Scintillation Counting, Revision 10
0PGP03-ZR-0039, Radiological Environmental Monitoring Program, Revision 12
0PRP10-ZL-0002, Quality Assurance for the Radiological Laboratory, Revision 11

0PGP03-ZA-0087, Meteorological Data, Revision 6
0PMP08-EM-0001, Primary Meteorological Calibration (60 Meter Tower), Revision 7

0PGP03-ZH-0003, Packaging of Non-Radioactive Waste Materials for Disposal, Revision 8
0PGP03-ZR-0051, Radiological Access and Work Controls, Revision 18
0PGP03-ZR-0053, Radioactive Material Control Program, Revision 10
0PRP02-ZR-0005, Operation of the Canberra Counting System, Revision 9, 10, and 11
0PRP04-ZR-0004, Release of Materials from Radiologically Controlled Areas, Revision 10

Condition Reports

Environmental
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