



Department of Energy

**Ohio Field Office
Fernald Area Office**

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3622

APR 11 2001

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0493-01

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE
AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY
STUDY/CONSENT DECREE MONTHLY REPORT FOR THE PERIOD MARCH 1, 2001
THROUGH MARCH 31, 2001 AND QUARTERLY REPORT JANUARY 1, 2001 THROUGH
MARCH 31, 2001 INCLUDING EFFLUENT RADIATION REPORTS, RADON REPORTS, AND
REMOVAL ACTION STATUS REPORT**

This letter transmits the Consolidated Consent Agreement/Federal Facility Compliance Agreement/Federal Facility Agreement/Remedial Investigation/Feasibility Study/Consent Decree Monthly Report for the period of March 1, 2001 through March 31, 2001 and Quarterly Report for the period of January 1, 2001 through March 31, 2001. This report is formatted to reflect the proposal presented in the letter, DOE-0395-96, J. Reising to J. A. Saric and T. Schneider, "Phase VII Removal Actions and Reporting Requirements under the FEMP Legal Agreements," dated January 16, 1996 and agreed to by the United States Environmental Protection Agency (USEPA) and Ohio Environmental Protection Agency (OEPA).

If you have any questions, please contact me at (513) 648-3139.

Sincerely,

Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Reising

Enclosure: As Stated

APR 11 2001

3622

Mr. James A. Saric
Mr. Tom Schneider

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cc w/enclosure:

K. Chaney, EM-31, CLOV
N. Hallein, EM-31, CLOV
G. Jablonowski, USEPA-V, SRF-5J
D. Sarno, FCAB
V. Dastillung, FRESH
P. Dunn, FRESH
F. Hodge, Tetra Tech
D. Carr, Fluor Fernald, Inc./MS2
T. Hagen, Fluor Fernald, Inc./MS65-2
D. Whitaker-Sheppard, Fluor Fernald, Inc./MS31
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

A. Tanner, FEMP/MS45
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
S. Hinnefeld, Fluor Fernald, Inc./MS31
B. Irvine, Fluor Fernald, Inc./MS28
R. McDonough, Fluor Fernald, Inc./MS80-3
T. Poff, Fluor Fernald, Inc./MS65-2
C. Sutton, Fluor Fernald, Inc./MS35
ECDC, Fluor Fernald, Inc./MS52-7

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE
AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY
STUDY/CONSENT DECREE MONTHLY REPORT JANUARY 1, 2001 THROUGH
JANUARY 31, 2001 AND QUARTERLY REPORT JANUARY 1, 2001 THROUGH MARCH 31,
2001, INCLUDING EFFLUENT AND RADON DATA AND REMOVAL ACTION STATUS REPORT**

Introduction

This report describes actions at the Fernald Environmental Management Project (FEMP) from January 1, 2001 through March 31, 2001. The monthly and quarterly reports have been revised to reflect the proposal presented in the letter, DOE-0395-96, J. Reising to J.A. Saric and T. Schneider, "Phase VII Removal Actions and Reporting Requirements under the FEMP Legal Agreements", dated January 16, 1996, and agreed to by USEPA and OEPA.

The Department of Energy - Fernald, has given direction to utilize the submittal of the Quarterly Integrated Environmental Monitoring Plan (IEMP) reports to satisfy the effluent radionuclide reporting requirements of the Consolidated Consent Agreement/Federal Facility Compliance Agreement/Federal Facility Agreement/Remedial Investigation/Feasibility Study/Consent Decree Quarterly Report.

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY-COMPLIANCE
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OPERABLE UNIT 1 - WASTE PITS REMEDIAL ACTION PROJECT

January 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Loaded 4,628 tons of material from waste pits

February 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Loaded 8,933 tons of material from waste pits
 - Shipped 60 railcars (UT33 @ 6,456 tons) of material for disposal at Envirocare

March 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Loaded 4,196 tons of material from waste pits
 - Shipped 120 railcars (UT34 at 6,459 tons and UT35 at 6,565 tons) of material for disposal at Envirocare

April 2001 (Anticipated)

- Enforceable Milestones To Be Completed
 - None
- Major Work To Be Initiated/Continued/Completed
 - Load 9,100 tons of material from waste pits
 - Ship 60 railcars of material for disposal at Envirocare

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**OPERABLE UNIT 2 - ON-SITE DISPOSAL FACILITY AND SOIL CHARACTERIZATION AND
EXCAVATION PROJECT**

**Additional OU2 soils-related activities reported under OU5/Soils
Characterization and Excavation Project**

January 2001

- Enforceable Milestones Completed
 - On-Site Disposal Facility (OSDF)
 - None
 - Soil Characterization and Excavation Project (SCEP)
 - None
- Major Work Initiated/Continued/Completed
 - On-Site Disposal Facility
 - Continued operation of the Bulk Debris Transfer Expansion Area
 - Soil Characterization and Excavation Project (SCEP)
 - Area 1, Phase I
 - Submitted Area 1 Phase I Wetland Monitoring Report for the year 2000, "A1PI Wetland Mitigation Project" to DOE on January 26, 2001
 - Area 1, Phase III, Part Two
 - Completed cultural resources survey for work area access
 - Received approval of draft Certification Report Part Two from OEPA on January 4, 2001
 - Received USEPA approval of the Implementation Plan for Paddy's Run Debris Removal/Bank Stabilization and Area 1, Phase III on January 18, 2001
 - Area 2, Phase I
 - Submitted Draft Certification Report for A2PI Activated Flyash Pile and Adjacent Areas East of the South Construction Road to DOE on January 26, 2001
 - Area 3A Miscellaneous Stockpiles
 - OEPA approved Draft WAC Attainment Report on January 4, 2001
 - Area 9, Phase I
 - OEPA approved Draft Precertification Summary Report on January 2, 2001

CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY STUDY/CONSENT DECREE MONTHLY REPORT JANUARY 1, 2001 THROUGH JANUARY 31, 2001 AND QUARTERLY REPORT JANUARY 1, 2001 THROUGH MARCH 31, 2001, INCLUDING EFFLUENT AND RADON DATA AND REMOVAL ACTION STATUS REPORT

- Ecological Research Annual Reports
 - Received approval of extension request from OEPA on January 4, 2001
 - Submitted the 2000 Ecological Research Grant Project Annual Reports to DOE on January 15, 2001

February 2001

- Enforceable Milestones Completed
 - On-Site Disposal Facility (OSDF)
 - None
 - Soil Characterization and Excavation Project (SCEP)
 - None
- Major Work Initiated/Continued/Completed
 - On-Site Disposal Facility
 - Continued operation of the Bulk Debris Transfer Expansion Area
 - Submitted Draft Management Plan for On-Site Disposal Facility Material Transfer Area (OMTA) Bulk Debris Transfer Area to DOE on February 14, 2001
 - Received OEPA approval of the Enhanced Permanent Leachate Transmissions System Tie-In plan on February 22, 2001
 - Soil Characterization and Excavation Project (SCEP)
 - Area 1, Phase III
 - Completed excavation investigation of fill areas on February 20, 2001
 - Area 2, Phase I
 - Began segregating stockpile in South Field on February 26, 2001
 - Area 2, Phase II Part Three
 - Submitted Draft Certification Report for Soil Stockpile 3 Footprint to DOE on February 1, 2001
 - Area 9, Phase I
 - Submitted Certification Design letter to the Agencies on January 19, 2001 (not reported last month), received conditional approval on February 22, 2001 from OEPA; continue to await USEPA approval
 - Received conditional approval of the Draft Certification Project Specific Plan for Certification Sampling from OEPA on February 22, 2001

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- Paddy's Run
 - Removed debris from Paddy's Run north of railroad trestle on February 20, 2001
- American Chestnut Tree Project
 - Submitted the Restoration of the American Chestnut Tree Project 2000 Annual Report to DOE on February 15, 2001

March 2001

- Enforceable Milestones Completed
 - On-Site Disposal Facility (OSDF)
 - None
 - Soil Characterization and Excavation Project (SCEP)
 - None
- Major Work Initiated/Continued/Completed
 - On-Site Disposal Facility
 - Continued operation of the Bulk Debris Transfer Expansion Area
 - Issued Authorization to mobilize to the IT Corporation on March 5, 2002, IT mobilized March 6, 2001
 - Received conditional approval of OSDF Phase III from OEPA on March 1, 2001
 - Received approval of OSDF Systems Plan and Leachate Contingency Plan from USEPA on March 7, 2001
 - Soil Characterization and Excavation Project (SCEP)
 - Area 1, Phase II
 - Received approval of Certification Report from OEPA on March 20, 2001
 - Area 2, Phase I
 - Received approval from USEPA on March 7, 2001 and conditional approval from OEPA, of Draft Certification Report for Active Flyash Pile and Adjacent Areas East of South Construction Road
 - Area 2, Phase II Part Two
 - Received approval and conditional approval respectively of Draft Certification Report for Soil Stockpile 3 Footprint from USEPA on March 7, 2001, and OEPA on March 20, 2001

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- Area 3A/Area 6
 - Completed excavation of Above Waste Acceptance Criteria area South of Impacted Material Haul Road in Northeast corner of Production Area on March 29, 2001
- Natural Resources
 - Received USEPA approval of Ecological Research Grant Project Annual Reports including A8,PI Revegetation Research Plots, A1,PI Prairie Grass Establishment Study and A1,PII Invasive Species Control Study on March 7, 2001

April 2001 (Anticipated)

- Enforceable Milestones To Be Completed
 - On-Site Disposal Facility (OSDF)
 - None
 - Soil Characterization and Excavation Project (SCEP)
 - None
- Major Work To Be Initiated/Continued/Completed
 - On-Site Disposal Facility
 - Operate Bulk Debris Material Transfer Area expansion
 - Begin receiving cover drainage layer and biointrusion layer for Cap #1
 - Soil Characterization and Excavation Project (SCEP)
 - Area 1, Phase III
 - Complete fine grading within southwest fill and perform certification sampling

OPERABLE UNIT 3 - FACILITIES CLOSURE AND DEMOLITION PROJECT

January 2001

- Enforceable Milestones Completed
 - None

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- Major Work Initiated/Continued/Completed
 - Continued exterior transite and structural steel removal at Plant 5A
 - Continued demolition, interior demolition, demolition of the Water Treatment Area and Old Ingot Furnace Stack and ACM removal in Plant 6 areas
 - Continued isolation activities in the General Sump area

February 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Continued exterior transite and structural steel removal at Plant 5A
 - Began structural steel removal in Plant 5D
 - Continued demolition, interior demolition, demolition of the Water Treatment Area and Old Ingot Furnace Stack and ACM removal and Ductwork Removal in Plant 6 areas
 - Continued isolation activities in the General Sump area

March 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Completed structural steel removal and demolition of Plant 5D
 - Began punchlist items and decontamination of construction equipment in Plant 5D area
 - Continued demolition of the Water Treatment Area and Old Ingot Furnace Stack and ACM removal and Ductwork Removal in Plant 6 areas
 - Began Tool Room roof removal in Plant 6A, Area 5
 - Began Duct and Miscellaneous piping/conduit dismantlement, cross transfermatic removal of pumps/conveyor in Plant 6A, Area 7
 - Continued isolation activities in the General Sump area

April 2001 (Anticipated)

- Enforceable Milestones To Be Completed
 - None

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- Major Work To Be Initiated/Continued/Completed
 - Continue punchlist items and decontaminating construction equipment in Plant 5 area
 - Continue housekeeping and miscellaneous activities in Plant 6A area
 - Begin shear and demolition of equipment, hauling of equipment to washdown, interior ACM piping removal and below grade demolition in Plant 6, Area 2
 - Continue Old Water Treatment Dismantlement
 - Continue ACM and Tool Room roof removal in Plant 6, Area 5
 - Continue Duct and Miscellaneous piping/conduit dismantlement, cross transfermatic removal of pumps/conveyor in Plant 6A, Area 7
 - Continue isolation activities in the General Sump area

OPERABLE UNIT 4 - SILOS PROJECT

January 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Received conditional approval from USEPA, and comments from OEPA on the draft Final AWR Project RD package; initiated preparation of comment responses
 - Continued AWR Project construction activities:
 - Began erection of the first floor walls of the TTA Building
 - Completed RCS Air Handling Building exterior walls
 - Installed foundations for pipe racks

February 2001

- Enforceable Milestones Completed
 - None
- Major Work Initiated/Continued/Completed
 - Completed review of the Balance of Plant (BOP) Final Design for the Silos 1 and 2 Accelerated Waste Retrieval (AWR) Project. Submitted comments to the AWR Project subcontractor for incorporation
 - Received approval from USEPA to extend the date for submittal of the revised draft Final AWR Project RD Package to April 6, 2001 to allow USEPA/OEPA RD package comments to be resolved concurrent with comments on the BOP Final Design
 - Initiated preparation of Design Criteria and Conceptual Design for Silos 1 and 2 Full Scale Remediation Facility

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March 2001

- Enforceable Milestones Completed
 - Submitted the draft Remedial Action Workplan for Radon Control System (RCS) Phase 1 Operation to the Agencies on March 1, 2001
- Major Work Initiated/Continued/Completed
 - Completed draft Silo 3 Project Rescoping Evaluation and Recommendation
 - Continue development of the Conceptual Design for Silos 1 and 2 Full Scale Remediation Facility

April 2001 (Anticipated)

- Enforceable Milestones To Be Completed
 - None
 - NOTE: A request for extension of the May 1, 2001 milestone due date for submittal of the Remedial Action Workplan for the Silo 3 Project will be submitted to the USEPA
- Major Work To Be Initiated/Continued/Completed
 - Receive revised AWR Project Final Design documentation, addressing comments from Balance of Plant (BOP) Final Design review
 - Submit revisions to draft Final AWR Project Remedial Design (RD) Package, addressing their comments, back to the Agencies
 - Submit the Silo 3 Project Rescoping Evaluation and Recommendation to DOE for review; make the document available for inspection by the Agencies and Stakeholders
 - Continue development of the Conceptual Design for Silos 1 and 2 Full Scale Remediation Facility

OPERABLE UNIT 5 - AQUIFER RESTORATION AND WASTEWATER PROJECT

January 2001

- Enforceable Milestones Completed
 - Submitted Monthly NPDES Discharge Monitoring Report, covering December 2000, to the OEPA on January 18, 2001
 - Met 20 parts per billion (ppb) monthly average uranium discharge to Great Miami River as required by OU5 Record of Decision

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE
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- Work Initiated/Continued/Completed
 - Submitted the November 2000 Operation Report for the Re-Injection Demonstration on January 4, 2001 to DOE for transmittal to the Agencies; DOE transmitted to the Agencies on January 10, 2001
 - Continued using a more aggressive treatment method in an attempt to mitigate plugging in the re-injection wells. Treatment of Well 10 was completed with encouraging results
 - Continued groundwater modeling in support of the Waste Storage Area Aquifer Restoration Module Design
 - Completed initial draft report for the aquifer pump test in the Pilot Plant Drainage Ditch Area.

February 2001

- Enforceable Milestones Completed
 - Submitted Monthly NPDES Discharge Monitoring Report, covering January 2001, to the OEPA on February 15, 2001
 - Met 20 parts per billion (ppb) monthly average uranium discharge to Great Miami River as required by OU5 Record of Decision
- Work Initiated/Continued/Completed
 - Submitted the responses to OEPA comments on the Re-Injection Demonstration Test Report (RTC) on February 9, 2001 for transmittal to the Agency by DOE
 - Submitted draft letter requesting Agency concurrence on the selected location for a new South Plume groundwater monitoring well to replace Monitoring Wells 2551 and 3551 on February 22, 2001 for transmittal to the Agencies by DOE
 - Submitted the 2000 Ohio Department of Natural Resources (ODNR) Annual Water Withdrawal Report on February 26, 2001
 - Continued to use a more aggressive treatment method in an attempt to mitigate plugging in the re-injection wells; treatment of Well 10 was completed with encouraging results
 - Continued working on the Waste Storage Area Aquifer Restoration Module Design
 - Began work on the 5-year CERCLA review
 - Continued work on the groundwater section of the 2000 Integrated Site Environmental Report

March 2001

- Enforceable Milestones Completed
 - Submitted Monthly NPDES Discharge Monitoring Report, covering February 2001, to the OEPA on March 19, 2001
 - Met 20 parts per billion (ppb) monthly average uranium discharge to Great Miami River as required by OU5 Record of Decision

CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY STUDY/CONSENT DECREE MONTHLY REPORT JANUARY 1, 2001 THROUGH JANUARY 31, 2001 AND QUARTERLY REPORT JANUARY 1, 2001 THROUGH MARCH 31, 2001, INCLUDING EFFLUENT AND RADON DATA AND REMOVAL ACTION STATUS REPORT

- Work Initiated/Continued/Completed
 - Submitted the December 2000 Operating Report for the Re-Injection Demonstration on march 6 to DOE for transmittal to the Agencies
 - Continued using a more aggressive treatment method in an attempt to mitigate plugging in the re-injection wells
 - Continued working on the Waste Storage Area Aquifer Restoration Module Design
 - Began work on the groundwater section of the 2000 Integrated Site Environmental Report

April 2001 (Anticipated)

- Enforceable Milestones To Be Completed
 - Submit Monthly NPDES Discharge Monitoring Report, covering March 2001, to the OEPA
 - Met 20 parts per billion (ppb) monthly average uranium discharge to Great Miami River as required by OU5 Record of Decision
- Work To Be Initiated/Continued/Completed
 - Continue to perform maintenance/rehabilitation on injection and extraction wells
 - Complete work on 5-year CERCLA review
 - Complete the ARASA Basin reroute Project
 - Complete Enhanced Permanent Leachate Transmission System (EPLTS) tie-ins
 - Complete Waste Storage Area (Phase I) preliminary design package and send to Agencies for review
 - Prepare and submit IEMP Quarterly Report for first quarter 2001 to the Agencies

WASTE MANAGEMENT

January 2001

- Enforceable Milestones Completed
 - None
- Work Initiated/Continued/Completed
 - Hazardous Waste Project
 - Began preparations for shipment of Property Chemicals
 - Began preparations for lead Acid Battery shipment
 - Develop task orders for Routine Hazardous Waste Operations

CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIAL INVESTIGATION/FEASIBILITY STUDY/CONSENT DECREE MONTHLY REPORT JANUARY 1, 2001 THROUGH JANUARY 31, 2001 AND QUARTERLY REPORT JANUARY 1, 2001 THROUGH MARCH 31, 2001, INCLUDING EFFLUENT AND RADON DATA AND REMOVAL ACTION STATUS REPORT

- Liquid Mixed Waste (Bulking) Project
 - Received sample analysis for Batch 10
 - Completed Batch 10 application to TSCA
 - Completed new Task Orders for bulking of Batches 11, 12, 13 and 14
- Neutralization/Precipitation/Deactivation/Stabilization Project (NPDS)
 - Submitted Task Order request for NPDS thorium repack operations
- Organic Treatment Project
 - Reviewed Department of Transportation (DOT) packaging descriptions for liquid and solid for applicability to MEF 3736
- Thorium Legacy Waste Project (TLWP)
 - Completed two shipments of Thorium Residues, for a total of 23 of 31 shipments completed
 - Loaded one shipment of Thorium Residues for shipment
 - Initiated planning for packaging the remaining 100 boxes of thorium
- Wastewater Treatment Project
 - Awaiting location availability to stage AWWT 1005, 1006 and 1008 containers at Plant 1 Pad
 - Staged AWWT 1003 containers at Plant 1 Pad
 - Developed and submitted AWWT 1010 campaign for Waste Characterization release, Wastewater Discharge Request approval and Chemical Compatibility approval
- Waste Minimization/Pollution Prevention
 - Began preparations for the FY2001 Quarterly Report
 - Continued revision to the oil-recycling RFP
 - Addressed comments on Sanitary Waste Disposal and paper Recycling SOW
 - Provided guidance to Environmental Compliance regarding Affirmative Procurement NCR

February 2001

- Enforceable Milestones Completed
 - None
- Work Initiated/Continued/Completed
 - Hazardous Waste Project
 - Continue preparation for March 27-28 packaging and shipping of chemicals to Heritage
 - Received Shipping Classification & Packaging Compliance Requirements (SC&PCR) for light ballasts
 - Completed operations review of lead acid battery task order
 - Liquid Mixed Waste (Bulking) Project
 - Submitted Batch 10 application to TSCA
 - Issued new Batch 11 Task Order for bulking of Batch 11

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- Bulked waste from TSCA 1024 containers into Batch 11
- Staged TSCA 1023 containers at Building 79 for Batch 11 bulking
- Received Waste Characterization release of TSCA 1001 to 1024
- Received PPE requirements for TSCA 1023 from Industrial Hygiene
- Completed new Task Orders for bulking of Batches 12, 13, and 14
- Neutralization/Precipitation/Deactivation/Stabilization Project (NPDS)
 - Awaiting evaluation of 5-gallon can of samples for inclusion of NPDS 1001
 - Completed draft of task order for NPDS thorium repack operations
- Organic Treatment Project
 - Met with Waste Characterization to discuss inclusion of free liquids form MEF 3735 into Batch 11
- Thorium Legacy Waste Project (TLWP)
 - Completed one shipment of Thorium Residues (total of 24 of 31 shipments completed)
 - Completed development of Management Self Assessment plan for Thoria Gel packaging
 - Initiated evaluation of Campaign TH1007
 - Completed development of Task Order 01-038 for Processing Thoria Gel
- Wastewater Treatment Project
 - Received Waste Characterization release of AWWT 1003, 1005, 1006, 1008, 1009, and 1010
 - Received compatibility assessments for AWWT 1003, 1005, 1006, and 1008 from Waste Characterization
 - Staged AWWT 1003 containers at Plant 1 Pad and await location availability to stage AWWT 1005, 1006, 1008, 1009 and 1010 containers at Plant 1 Pad
- Waste Minimization/Pollution Prevention
 - Began preparations for FY 2001 Quarterly Report
 - Provided clarification to DOE-Albuquerque on Affirmative Procurement and Waste Generation Annual Report

March 2001

- Enforceable Milestones Completed
 - None
- Work Initiated/Continued/Completed
 - Hazardous Waste Project
 - Shipped overpacked silver solution from medical to Saftey-Kleen on March 15, 2001
 - Packaging of waste paint, lab chemicals and excess property chemicals was performed on-site by Heritage for shipment on March 27/28, 2001
 - Submitted SOWs for Recycle Tires, Unused Chemical, and Electrical/Lighting Recycling for Bluesheet Review

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- Issued response to Legal's comments on unused Chemicals
- Extended contract for Clean-Side Locker Waste until March 31, 2001
- Liquid Mixed Waste (Bulking) Project
 - Submitted Batch 10 application to TSCAI
 - Bulked 16 TSCA 1023 containers into the Batch 11 consolidation tank
 - Received Waste Characterization release of TSCA 1001 to 1024
 - Revised Batch 12 inventory based on Waste Characterization Compatibility review
- Neutralization/Precipitation/Deactivation/Stabilization Project (NPDS)
 - Revised draft of task order for NPDs thorium repack operation based on Thorium Legacy Project's comments
- Organic Treatment Project
 - Met with Waste Characterization to discuss additional monitoring requests pertaining to free liquids from MEF 3736
 - Received Shipping Configuration and Packaging Compliance Requirements Documents (SC&PCRD) for MEF 3736
- Thorium Legacy Waste Project (TLWP)
 - Issued revision to the Thorium Management Plan
 - Initiated planning activities for Thorium trash
 - Completed management Assessment for Thoria Gel Packaging
 - Completed movement of 6 boxes of Thoria Gel and 2 boxes of Mixed Waste Thorium from Building 60 to Building 64/65
 - Initiated discussions with Waste Control Specialists (WCS) for Mixed Waste Treatment through Broad Spectrum
- Wastewater Treatment Project
 - Treated one AWWT 1005 container, treated 20 AWWT 1010 containers at the FEMP AWWT
 - Staged AWWT 1003 containers and awaiting location availability to stage AWWT 1005, 1006, 1008 and 1009 containers at Plant 1 Pad
- Waste Minimization/Pollution Prevention
 - Provided Crosby Elementary School 1,021 pounds of aluminum cans
 - Prepared recycled toner cartridges in Lab and health and Safety Building for pickup by Transportation and prepared MSO for shipment of the cartridges
 - Continue to work on extension of Rumpke contract for solid waste, to be extended to April 30, 2001

April 2001 (Anticipated)

- Enforceable Milestones To Be Completed
 - None

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE
AGREEMENT/FEDERAL FACILITY AGREEMENT/REMEDIATION INVESTIGATION/FEASIBILITY
STUDY/CONSENT DECREE MONTHLY REPORT JANUARY 1, 2001 THROUGH
JANUARY 31, 2001 AND QUARTERLY REPORT JANUARY 1, 2001 THROUGH MARCH 31,
2001, INCLUDING EFFLUENT AND RADON DATA AND REMOVAL ACTION STATUS REPORT**

- Work To Be Initiated/Continued/Completed
 - Hazardous Waste Project
 - Order Clean-Side Locker supplies
 - Issue lead acid battery and Clean-Side Locker Task Orders
 - Submit Solid Waste and Excess Chemicals SOWs to Acquisitions
 - Liquid Mixed Waste (Bulking) Project
 - Await TSCAI and State of Tennessee approval of Batch 10
 - Issue new Task Orders for bulking of Batches 12, 13, and 14 based on Waste Characterization Compatibility reviews
 - Develop sampling/sample analysis activities for Batch 11
 - Neutralization/Precipitation/Deactivation/Stabilization Project (NPDS)
 - Awaiting evaluation of 5-gallon can of samples for inclusion in NPDS 1001
 - Work with Perma Fix to develop the necessary preparations for shipping of remaining individual pieces of Perma Fix equipment
 - Organic Treatment Project
 - Finalize outstanding MEF issues for First Article Testing
 - Receive absorbent determinations
 - Prepare shipping recommendation for preliminary TRB review
 - Initiate sampling and analysis request and task order for Fire training Facility soils
 - Thorium Legacy Waste Project (TLWP)
 - Complete planning for processing remaining 100 boxes of Thorium inventory
 - Complete SSR Plan and initiate SSR
 - Begin loading boxes of thorium for shipment
 - Wastewater Treatment Project
 - Continue AWWT waste treatment with staging/transfer of remaining AWWT 1003 container, AWWT 1005, 1006, 1008, and 1009 on issuance of Task Order
 - Evaluate alternate site locations for future staging/transfer wastewater treatment operations
 - Waste Minimization/Pollution Prevention
 - Prepare for Laser Jet shipment in early spring

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ATTACHMENTS A & B

**EFFLUENT AND RADON DATA
ARE NOW REPORTED IN THE IEMP SUBMITTAL**

**CONSOLIDATED CONSENT AGREEMENT/FEDERAL FACILITY COMPLIANCE
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ATTACHMENT C

REMOVAL ACTION STATUS REPORT

Note: All Removal Action except 3, 9, 12, 17, 26 and 27 are completed and closed. Removal Action 3, 9, 12, 17, 26 and 27 are Programmatic Removal Actions and work continues under them. All documentation for work done this quarter under these Programmatic Removal Actions is located in the Post-Rod files. Gradually work performed under these actions is being phased out and being done pursuant to appropriate Remedial Actions.

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REMOVAL ACTION NAME	#	STATUS	CLOSURE DATE	SCOPE
Extraction of Water Under FEMP Buildings AKA: Plant 6 Contaminated Perched Water	1	Closed	September 13, 1995	Pump water from extraction wells underneath Plants 2/3, 6, 8, and 9. Treat extracted water for volatile organic chemicals and uranium removal before discharge
Waste Pit Area Runoff Control	2	Closed	July 2, 1992	Collect and treat contaminated storm water run-off from the waste pit area
South Plume	3	Closed, transferred to Post-ROD	May 22, 1997	Collect and treat contaminated storm water from waste pit area, install new alternate water supply, pump an discharge groundwater from South Plume, install and operate interim Advanced Waste Water Treatment System, Conduct groundwater monitoring and institutional controls, conduct groundwater modeling and geochemical investigation
Silo 1 and 2	4	Closed	May 17, 1994	Install bentonite cap to reduce and monitor radon emissions, provide follow-on monitoring
K-65 Decant Sump Tank	5	Closed	March 5, 1993	Periodically remove liquid from K-65 decant sump tank
Waste Pit 6 - Exposed Material	6	Closed	March 25, 1992	Eliminate potential airborne contamination by resubmerging exposed pit material
Plant One Pad Continuing Release	7	Closed	February 16, 1995	Implement run-on/off control, install new pad, and upgrade existing Plant 1 Storage Pad
Inactive Flyash Piles/ South Field Area	8	Closed	December 23, 1991	Install plastic chain link barrier and post warning signs
Removal of Waste Inventory	9	Closed - Transferred to Post-ROD	May 22, 1997	Disposition of low-level waste off-site
Active Flyash Pile Controls	10	Closed	May 16, 1997	Complete interim surface stabilization and complete active Flyash pile controls
Pit 5 Experimental Treatment Facility (ETS)	11	Closed	April 22, 1992	Remove contents, structure, and filter material. Backfill and cap with clay cover
Safe Shutdown	12	Closed - Transferred to Post-ROD	May 22, 1997	Remove uranium and other material from former processing equipment and ship material and equipment off-site
Plant 1 Ore Silos	13	Closed	November 6, 1995	Dismantle fourteen ore silos and their support structures
Contaminated Soils Adjacent to Solid Waste Incinerator at the Sewage Treatment Plant	14	Closed	January 3, 1995	Isolate or remove and dispose of contaminated soils from the vicinity of the sewage treatment plant

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