



in# 7,237

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

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Wa Dept of Health - Office
of Radiation Protection

MAY 01 2012

12-EMD-0063

Mr. J. Martell, Manager
Radioactive Air Emissions Section
State of Washington
Department of Health
309 Bradley Boulevard, Suite 201
Richland, Washington 99352

Mr. P. M. Gent
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Addressees:

TRANSMITTAL OF "REPORT OF CLOSURE/PERMIT REVISION" AND "NOTICE OF TRANSITION TO COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980" FOR REMOVAL OF EMISSION UNIT 210 AND EMISSION UNIT 486 (209-E PORTION) - (AIR OPERATING PERMIT 00-05-006/LICENSE NUMBER FF-01)

This letter transmits the "Report of Closure/Permit Revision" and the "Notice of Transition to Comprehensive Environmental Response, Compensation and Liability Act of 1980" for 209-E (Emission Unit 210/NOC ID 858/Approval AIR 12-337 and Emission Unit 486/NOC ID 858/Approval AIR 12-337). The Report of Closure/Permit Revision and Notice of Transition documentation have been prepared in accordance with Washington Administrative Code 246-247 and the Hanford Site Air Operating Permit 00-05-006, Permit Shield, Section 5.

Enclosure 1 is being provided to the State of Washington, Department of Health, consistent with its authority to administer and enforce the state radioactive air emissions regulations, including licensing.

Enclosure 2 is being provided to the State of Washington, Department of Ecology, consistent with its authority as lead for the Hanford Site Air Operating Permit.

NOC 858
Eu 210 + 486
line # 472

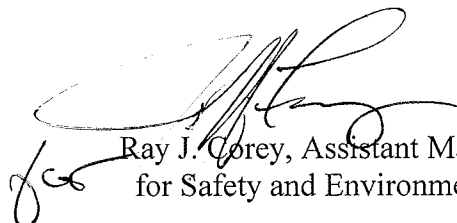
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Addressees
12-EMD-0063

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If you have any questions, please contact me, or your staff may contact, Stephen R. Weil,
Director, Environmental Management Division, on (509) 372-0879.

Sincerely,


Ray J. Corey, Assistant Manager
for Safety and Environment

EMD:DEJ

Enclosures

cc w/encls:

R. H. Anderson, MSA
J. A. Bates, CHPRC
D. L. Norman, CHPRC
J. E. Rasmussen, YAH
D. J. Rokkan, MSA
F. M. Simmons, CHPRC
D. R. Turlington, CHPRC
D. Zhen, EPA, Region 10
Environmental Portal, LMSI

Report of Closure/Permit Revision

NOTE: Any increase to abated or unabated PTE requires a full NOC modification

REASON FOR CHANGE

Submittal Date: May 1, 2012

NOC Application Revision
New NOC Rev Number: _____

Condition Change/ Clarification
WDOH Condition Number: _____
AOP Condition Number: See below

ALARACT Revision
New ALARACT Rev Number: _____

Report of Closure

PROJECT IDENTIFICATION

Project Title: Report of Closure for 209-E Emission Unit
Current NOC Application Number: AOP Permit 00-05-006/ License Number FF-01
AEI ID Number (AOP Emission Unit Number(s): 210 and 486 (209-E portion)
Current WDOH Approval Letter Number(s): AIR 12-337
WDOH NOC ID Number: NOC 858

DESCRIPTION OF CHANGE

Number of **0**
Attachments _____

Report of Closure for Emission Unit # 210 and Emission Unit #486 (209-E portion)

Summary/Introduction

In accordance with Washington Administrative Code 246-247-080(6), this Report of Closure is being submitted to the State of Washington, Department of Health (WDOH) to document permanent cessation of radionuclide emitting activities at 209E.

The following information is provided in this document:

- Date of closure
- Remaining material
- Assessment of potential continued emissions
- Future plans
- Emissions control and monitoring

1. Date of closure

Hanford Federal Facility Agreement and Consent Order Change Notice form (TPA-CN-477) to DOE/RL-2011-10, Rev. 0, Section 4.4.1, required completion of condition 10 and 11 of Notice of Construction (NOC) 793 (renumbered to NOC858 in the latest FF-01 revision). Condition 10 required inspection and approval by WDOH for shutting down the exhaust system. Condition 11 of the NOC required submittal of a Report of Closure following de-energization of the exhaust system for 296-P-31. Condition 10 was met by an inspection by WDOH on September 26, 2011. Condition 10 was met, and then operation of the 296-P-31 exhaust system was permanently shut down on November 3, 2011. Operations of this system have permanently ceased.

Condition 11 also requires submittal of a new emission unit number and description for inclusion in the Hanford Site Radioactive Air Emission License #FF-01, Enclosure 2, Table 2-1. This is no longer necessary or applicable as the 209-E demolition activities were completed under Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) authority as noted in DOE/RL-2010-54, "EE/CA for 200 East Area Tier 2 Buildings/Structure," DOE/RL-2010-102, Rev. 0, "Action memorandum for Decontamination, Deactivation, Decommissioning, and Demolition (D4) Activities for 200 East Tier 2 Buildings/Structures" and DOE/RL-2011-10, "Removal Action Work Plan for the 209E Critical Mass laboratory." The 209-E site no longer represents a fugitive or diffuse emission unit.

2. Remaining material

The 209-E facility was demolished as a CERCLA activity and moved to Environmental Restoration Disposal Facility per the Removal Action Work Plan DOE/RL-2011-10. The 209-E site has been reduced to a slab on grade condition and is covered with a soil layer and no longer represents a surface contamination area, nor does it provide any potential for fugitive or diffuse emissions of radionuclides to the air.

3. Assessment of potential continued emissions

The 209-E site no longer represents a surface contamination area, nor does it provide any potential for fugitive or diffuse emissions of radionuclides to the air.

4. Future plans

This section is not applicable because the site no longer represents an emission unit.

5. Emissions control and monitoring

This section is not applicable because the site no longer represents an emission unit.

Based on this Report of Closure, it is requested that Emission Unit Number 210 and Emission Unit Number 486 (209-E portion) be removed from the Hanford Site Air Operating Permit (AOP Permit 00-05-006/ License Number FF-01).

**Notice of Transition to
*Comprehensive Environmental Response, Compensation and Liability Act of 1980***

Consistent with guidance from Section 5.0 of the Hanford Site Air Operating Permit (AOP), this transmittal is intended to provide notice to State of Washington, Department of Ecology (Ecology) recommending removal of the 209E emission unit conditions and limitations associated with Emission Unit Identification (ID) 210, Notice of Construction (NOC) ID 858, approval AIR-12-337, and with the Emission Unit ID 486, NOC ID 858 approval AIR 12-337 from Renewal 1, Revision F.

In accordance with *Comprehensive Environmental Response, Compensation and Liability Act of 1980* (CERCLA) section 121(e)(1), and 40 CFR 300.400(e), federal, state, or local permits are not required for onsite response actions conducted pursuant to CERCLA sections 104, 106, 120, 121, or 122.

Through Executive Order 12580, authority vested in the President for section 104(a) and 121 was delegated to the Secretary of Energy. Demolition activities associated with 209-E Building(s) were subject to substantive provisions of air emission standards as identified through application of 40 Code of Regulations (CFR) 300.400(g), with oversight provided pursuant to the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) (TPA).

Based on this CERCLA transition, the NOC approval conditions and limitations associated with the 209-E emission unit from AIR-12-337 should be removed from the License FF-01. In addition, the Emission Unit 210, and Emission Unit 486, as associated with 209-E Building(s), should be removed from the AOP 00-05-006 (renewal 1) by Ecology.

The criteria identified in Section 5.0 of the Statement of Basis of the AOP for removing Emission Unit 210 and the Emission Unit 486 (209-E section) from the AOP are identified below.

Criteria in Section 5.0 of the AOP	Document	Comment
Permittee will prepare Engineering Evaluation/Cost Analysis (EE/CA) for a facility (or activity) identified for CERCLA transition.	DOE/RL-2010-54, Rev. 1, <i>EE/CA for 200 East Area Tier 2 Buildings/Structure</i> was prepared and reviewed by the regulators, stakeholders, and the public in accordance with public participation requirements of CERCLA, The U.S. Department of Energy (DOE) Community Relations Plan, and Article XLVII of the Tri-Party Agreement.	
This document will clearly identify general Clean Air Act requirements to be transitioned to CERCLA.	DOE/RL-2010-54 Rev. 1, <i>EE/CA for 200 East Area Tier 2 Buildings/Structure</i> , Section 1, states that this EE/CA would require public participation including a 30-day public comment period, and this	

Criteria in Section 5.0 of the AOP	Document	Comment
The permittee will prepare a Removal Action Work Plan (RAWP) or equivalent Applicable or Relevant and Appropriate Requirement (ARAR) implementation document, such as an Air Monitoring Plan (AMP) to identify method to meet the substantive portions of existing air permit conditions and describe the transition plan for CERCLA air monitoring.	occurred. DOE/RL-2010-54, Rev. 1, <i>EE/CA for 200 East Area Tier 2 Buildings/Structure</i> lists the ARARs in Appendix B, and these have been met.	
The permittee will submit to Ecology, the Washington State Department of Health (WDOH) and/or the U. S. Environmental Protection Agency (EPA) a Notice of Transition (NOT).	This document represents the NOT for review and approval.	
Ecology/WDOH/EPA will review the NOT.	This document represents the NOT for review by the responsible parties.	
Via formal correspondence, permittee will notify affected agencies of date to begin remediation activity.	Letter #11-AMCP-00136 from RL to EPA and Ecology, <i>Removal Action Work Plan for the 209E Critical Mass Laboratory, DOE/RL-2011-10, Rev. 0, and Sampling and Analysis Plan for Characterization Activities at the 209E Critical Mass Laboratory, DOE/RL-2010-80, Rev. 0</i> , were transmitted to the EPA and Ecology on April 19, 2011.	209E was demolished as a CERCLA activity and moved to the Environmental Restoration Disposal Facility per the RAWP DOE/RL-2011-10. The 209E site has been reduced to slab on grade and is covered with a soil layer and no longer represents a surface contamination area. DOE/RL-2011-79, Rev. 0, Section 4, <i>209E Critical Mass Laboratory Removal Action Report</i> , shows this work activity was completed on December 27, 2011.
Ecology and the WDOH will delete the affected licenses/NOCs from the enforceable list, and remove permitting conditions from the AOP as an administrative modification at the next significant modification.	This NOT requests the removal from the AOP.	