



LB#3443

AIR 12-510
Audit 791

STATE OF WASHINGTON
DEPARTMENT OF HEALTH
OFFICE OF RADIATION PROTECTION
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May 31, 2012

Mr. Ray J. Corey, Assistant Manager
for Safety and Environment
United States Department of Energy
Richland Operations Office
P.O. Box 550, MSIN: A5-14
Richland, Washington 99352

Dear Mr. Corey:

Re: Closeout of Inspection (Audit 791) - Emission Unit 296-P-31 (EU 210) – Closeout of Emission Unit and Closure of Notice of Construction (NOC) 858 and its Removal from EU 486

The Radioactive Air Emissions Section (RAES) inspected NOC 858 and emission unit 296-P-31 (EU 210) to approve closeout and removal from Hanford Site Radioactive Air Emissions License (RAEL) FF-01. The inspection consisted of a review of closure report 12-EMD-0063, required by Washington Administrative Code (WAC) 246-247-080(6), documenting the cessation of radionuclide emitting activities, and a visual inspection of the emission unit to verify that the equipment no longer has the potential to emit contaminated material to the environment.

There were no issues noted during the inspection. This letter closes out Audit 791 and documents the closeout and removal of the associated emission unit from RAEL FF-01. With the removal of the associated emission unit from the FF-01 license, it is understood that all substantive requirements for the emission unit will be included in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) implantation document. The changes to the FF-01 license will be posted at the issuance of the next revision.

If you have any questions regarding this letter, or the enclosed report, please contact Ernest McCormick at (509) 946-0624.

Sincerely,

John Martell, Manager
Radioactive Air Emissions Section

Enclosure: RAES Inspection Report (Audit 791)

cc: (see next page)



cc: Robert Anderson, MSA
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Environmental Portal
RAES Tracking: Line 472; IM 7,237; NOC 858; EU 210 & 486

Washington State Department of Health
Office of Radiation Protection - Radioactive Air Emissions Section
INSPECTION REPORT

Audit Number: 791

Facility/Building(s): 209-E Criticality Lab

Emission Unit(s): 296-P-31 (EU 210)

Facility Contact(s): Ray J. Corey

Licensee Contact(s): John Bates

RAES Inspector(s): Ernest McCormick

Inspection Date(s): 5/21/2012

Purpose of Inspection: The purpose of the inspection is to validate information submitted in the closure report for these emission units and ensure compliance with WAC 246-247.

Inspection Authority Section RCW 70.98.090 or Section RCW 70.98.050 of the Washington State Nuclear Energy and Radiation Act (Chapter 70.98 Revised Code of Washington).

Pre-Inspection Activities: Review Closure report and NOC License conditions.

**Agenda
Item No.**

AGENDA ITEM(S) / RESPONSES

- 1. Review Report of Closure/Permit Revision for completeness for transition to CERCLA.**
12-EMD-0063 received at DOH as LB 7237 contains all the information necessary to perform a closeout of NOC 858 and EU 296-P-31 with relevant parts of EU 486, 200 Area Diffuse/Fugitive.
- 2. Review NOC License conditions to ensure all conditions associated with closure have been met.**
NOC 858 for EU 296-P-31 contains conditions requiring a physical inspection prior to de-energizing of the 296-P-31 stack. This condition has been met with the Audit #708 documented in AIR 12-106 and fulfills this condition. The condition on report of closure has been satisfied with the 12-EMD-0063 received at DOH as IM# 7,237 and fulfills all condition requirements prior to close out of this EU ID 210.

3. **Review documentation on stack closure to verify that emission unit does not have the potential to emit contaminated material to the environment (296-P-31, Emission Unit ID: 210).**

12-EMD-0063 received at DOH as IM# 7,237 documents that EU 296-P-31 has been transitioned to CERCLA and moved to the Environmental Restoration Disposal Facility. It further documents that the 209-E Site has been reduced to a slab on grade condition with a soil layer that does not provide for any potential for fugitive or diffuse emissions to the air. This fulfills this condition.

Additional (Ad Hoc) Agenda Items:

None.

Comments:

NOC 858 has been obsolete as of 5/22/2012 and removed from EU 486; EU 210 has been obsolete as of 5/22/2012.