



LB# 3431

AIR 12-505
Audit 788

STATE OF WASHINGTON
DEPARTMENT OF HEALTH
OFFICE OF RADIATION PROTECTION
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May 9, 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 788) – Emission Unit EP-331-02-S (EU 1180) –
Closeout of Emission Unit

The Radioactive Air Emissions Section (RAES) inspected the emission unit EP-331-02-S 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-0053, 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 788 and documents the closeout and removal of the associated emission unit from RAEL FF-01. 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 788)

cc: (see next page)



cc: Robert Anderson, MSA
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Environmental Portal
RAES Tracking: Resp. to IM 7,206; Audit 788; EU 1180; NOC 787

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

Audit Number: 788

Facility/Building(s): 300 Area Hanford site, Life Science Laboratory (331 Building)

Emission Unit(s): EP-331-02-S, Emission Unit ID: 1180

Facility Contact(s): Mathew Barnett

Licensee Contact(s): Dale Jackson

RAES Inspector(s): Ernest McCormick

Inspection Date(s): 4/23/2012

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.

Agenda

Item No.

AGENDA ITEM(S) / RESPONSES

1. **Visually inspect equipment in place and review documentation to verify that emission unit does not have the potential to emit contaminated material to the environment.**

The EP-331-02-S, Emission Unit ID: 1180, an unfiltered minor stack, has been rerouted several hundred feet to tie in to EP 331-01-V, Emission Unit ID: 412, a filtered major stack point. EP-331-02-, Emission Unit ID: 1180 is now included as part of the area serviced by EP-331-01-V.

2. **Verify MDA in survey reports 331-12-02-007 and 331-12-01-070 does not exceed WAC 246-232-140 Standards.**

The RCP 5.5.11 Radiological Surveys Revision 20, MDA's for Direct Scan Surveys, Static Counts, and Technical Smears supplies the MDA values for the instrumentation that validate that the MDA was below the WAC 246-232-140 Schedule D acceptable surface contamination levels for free release of materials.

Additional (Ad Hoc) Agenda Items:

None.

Comments:

NOC ID 787 and EU 1180 has been obsolete as of 4/24/2012.