



U.S. Department of Energy
Office of River Protection

0079281

P.O. Box 450, MSIN H6-60
Richland, Washington 99352

NOV 17 2008

08-ESQ-280

Ms. Jane A. Hedges, Program Manager
Nuclear Waste Program
Washington State
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99354

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NOV 18 2008
EDMC

Mr. John Martell, Manager
Radioactive Air Emissions Section
Washington State Department of Health
309 Bradley Blvd., Suite 201
Richland, Washington 99352
(Hanford Mailstop: B1-42)

Addressees:

HANFORD SITE AIR OPERATING PERMIT (AOP) NOTIFICATION OF
ADMINISTRATIVE PERMIT AMENDMENT FOR THE WASTE TREATMENT AND
IMMOBILIZATION PLANT (WTP) PREVENTION OF SIGNIFICANT DETERIORATION
APPROVAL

Reference: BNI letter from R. B. Hibbard to R. J. Schepens, ORP, "PSD-02-01
Amendment 2," dated October 12, 2005.

Attached for your review is a Hanford Site AOP Notification of Administrative Permit
Amendment. The Amendment incorporates WTP Prevention of Significant Deterioration
Approval (Reference) into the AOP.

The Amendment is consistent with Washington Administrative Code 173-401-500(3)(c), which
requires modified AOP sources to file a permit revision within 12 months after commencing
operation. Commencement of operational activities regulated under the Reference began on
October 10, 2008, with startup of the diesel engine driven fire pumps.

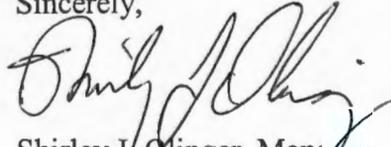
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If you have any questions, please contact me, or your staff may contact Dennis W. Bowser, Environmental Compliance Division, (509) 373-2566.

Sincerely,



Shirley J. Olinger, Manager
Office of River Protection

ESQ:DWB

Attachment

cc w/attach:

D. Zhen, EPA (Region 10, Seattle)

Administrative Record

BNI Correspondence

Environmental Portal, LMSI

WRPS Concurrence

cc w/o attach:

B. G. Erlandson, BNI

R. D. Haggard, BNI

J. Cox, CTUIR

S. Harris, CTUIR

K. A. Conaway, Ecology

S. L. Dahl, Ecology

S. L. Derrick, Ecology

D. W. Hendrickson, Ecology

J. L. Hensley, Ecology

J. J. Lyon, Ecology

O. S. Wang, Ecology

D. Bartus, EPA (Region 10., Seattle)

J. A. Bates, FHI

N. A. Homan, FHI

K. A. Peterson, FHI

G. Bohnee, NPT

K. Niles, Oregon Energy

M. F. Jarvis, RL

J. Schmidt, WDOH Richland Office

L. L. Penn, WRPS

R. Jim, YN

Attachment
08-ESQ-280

Hanford Site Air Operating Permit
Notification of Administrative Permit Amendment

HANFORD SITE AIR OPERATING PERMIT

NOTIFICATION OF ADMINISTRATIVE PERMIT AMENDMENT

Permit Number 00-05-006 Renewal 1

This notification is provided to the Washington State Department of Ecology (Ecology), Washington State Department of Health, and the U.S. Environmental Protection Agency as notice of an administrative permit amendment described as follows.

This change is allowed pursuant to WAC 173-401-720(1) and WAC 173-401-720(2):

1. Corrects typographical errors,
2. Identify a change in the name, address, or phone number of any person identified in the AOP, or provide a similar minor administrative change;
3. Requires more frequent monitoring or reporting;
4. Allows for a change in ownership or operational control of a source where the permitting authority determines that no other change is necessary (and a written agreement containing the specific information of the transfer has been submitted to the permitting authority); or
5. Incorporate terms, conditions, and provisions from NOC approval orders that have been processed under an EPA-approved program that meets procedural requirements listed in WAC 173-401.

Provide the following information pursuant to WAC-173-401-720:

Description of the change:

Incorporate the Hanford Tank Waste Treatment and Immobilization Plant (WTP) Prevention of Significant Deterioration (PSD) Final Approval PSD-02-01, Amendment 2 into the Hanford Site Air Operating Permit.

Date of Change:

Upon submittal of the Administrative Permit Amendment to Ecology.

Describe the emissions resulting from issued NOC Approval orders that have gone through a WAC 173-401 equivalent public review process:

The WTP PSD Approval regulates emissions of particulate matter and nitrogen oxides because estimated emissions result in significant emissions increases of PM_{10} and NO_x . The amount of significant increases is defined as 40 US tons per year for NO_x and 15 US tons per year for PM_{10} . The WTP will generate 150.7 US tons per year of NO_x and 24.2 US tons per year of PM_{10} .

Ambient impact analysis showed that NO_x and PM_{10} concentrations were below Class I Wilderness Area Modeled Significance Levels. Results showed that NO_x concentrations were below the 1.0 microgram per cubic meter (ug/m_3) annual threshold, and PM_{10} concentrations were below the 5.0 ug/m_3 24 hour threshold and below the 1.0 ug/m_3 annual threshold.

List the terms, conditions, and provisions from issued NOC approval orders that have gone through a WAC 173-401 equivalent public review process:

Terms, conditions, and provisions are identified in PSD-02-01, Amendment 2 Final Approval.