



**Department of Energy**  
Richland Operations Office  
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Richland, Washington 99352

MAR 07 2016

16-ESQ-0051

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Nuclear Waste Program  
Washington State Department of Ecology  
3100 Port of Benton Boulevard  
Richland, Washington 99354

Mr. D. Dossett, Unit Manager  
Air Permits and Diesel Programs Unit, AWT-150  
U.S. Environmental Protection Agency  
Region 10  
1200 6th Avenue, Suite 900  
Seattle, Washington 98101

TRANSMITTAL OF NOTIFICATION OF CHANGE NOT REQUIRING PERMIT REVISION, PERMIT NUMBER 00-05-006, RENEWAL 2, FOR REMOVAL FROM SERVICE OF WASTE ENCAPSULATION AND STORAGE FACILITY (WESF) EMERGENCY DIESEL ENGINE POWERED DEEP WELL PUMP (282-BA)

In accordance with Section 5.8 of the Hanford Site Air Operating Permit, Number: 00-05-006, Renewal 2 (AOP), this letter transmits a written notice for permanently shutting down an emission unit to the Washington State Department of Ecology and the U.S. Environmental Protection Agency. The 282-BA deep well pump emergency diesel engine was removed from service in 2015, as the deep well pump to which it provided power is no longer required for operations at WESF.

The diesel engine has been placed in a condition where it will not produce any power. There are currently no plans to operate the emergency engine in the future. In accordance with AOP Section 5.8.1, "Standard Terms and Conditions," periodic monitoring (i.e., at least once per calendar quarter) for visible emissions will no longer be performed as required by the AOP, Attachment 1, Table 1.5. There are currently no plans to operate the emergency engine in the future.

The diesel engine has been placed in a condition where it will not produce any electrical power. The diesel engine electrical connections are open and racked out such that they can no longer pass electrical energy to or from the generator. The batteries have been disconnected and removed from the diesel engine building, Building 282-BA. The fuel oil has been drained from the diesel engine and all of the auxiliaries piping and tanks. In addition, the fuel supply line has been physically disconnected with an air gap.

Addressees  
16-ESQ-0051

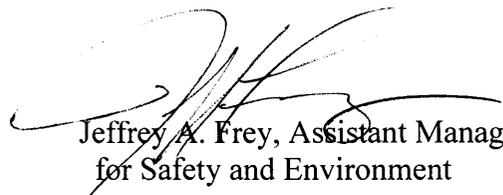
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Attached is a Notification of Change Not Requiring Permit Revision requesting removal of the operating and maintenance requirements for 282-BA from AOP Attachment 1, Table 1.6, Discharge Points.

If you have any questions, please contact me, or your staff may contact, Ed MacAlister, Director, Environmental, Safety, and Quality Division, on (509) 373-0462.

Sincerely,



Jeffrey A. Frey, Assistant Manager  
for Safety and Environment

ESQ:ETF

Attachment

cc w/attach:

R. H. Engelmann, CHPRC  
D. A. Faulk, EPA  
P. M. Gent, Ecology  
R. A. Kaldor, MSA  
P. T. Karschnia, CHPRC  
D. Zhen, EPA  
Administrative Record  
Environmental Portal

cc w/o attach:

G. Bohnee, NPT  
R. Skeen, CTUIR  
R. Jim, YN  
K. Niles, OR DOE

ATTACHMENT

**NOTIFICATION OF CHANGE NOT REQUIRING PERMIT REVISION**  
**Section 502(2)(10) Change**

Consisting of 2 pages,  
including this cover page

## NOTIFICATION OF CHANGE NOT REQUIRING PERMIT REVISION

### Section 502(2)(10) Change\*

This notification is provided to the Washington State Department of Ecology (Ecology), Washington State Department of Health (WDOH), and the U.S. Environmental Protection Agency (EPA) as notice of a change not requiring permit revision described as follows.

This change is allowed pursuant to Washington Administrative Code (WAC) 173-401-722(1), WAC 173-401-722(2) and WAC 173-401-722(5):

1. Change is not a Title I modification.
2. Change does not result in emissions that exceed those allowable under the permit, whether expressed as a rate of emissions, or in total emissions.
3. Change does not alter permit terms that are necessary to enforce limitations on emissions from units covered by the permit.
4. Notification is proved to Ecology, WDOH, and EPA at least 7 days before making the change.
5. Change does not violate applicable requirements or contravene enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.
6. A source making a change under this section shall comply with applicable preconstruction review requirements established pursuant to the Revised Code of Washington 70.94.152.

**Permit Number: 00-05-006**

Provide the following information pursuant to WAC-173-401-722(2)(a):

<b>Description of the change:</b>
Remove emergency engine 282-BA Operating and Maintenance requirement from Air Operating Permit (AOP) Table 1.6, Internal Combustion Engine: less than 500 Horsepower.
<b>Date of change:</b>
Seven (7) days following the submittal of the request
<b>Describe the emissions resulting from the change:</b>
There will be no future emissions from this unit.  The Waste Encapsulation and Storage Facility (WESF) emergency diesel engine powered deep well pump (282-BA) has been removed from service. There are no plans to operate the emergency diesel engine powered deep well pump in the future. The unit has been electrically isolated from automatic startup, the batteries disconnected, and the fuel lines to the engine have been physically isolated from the fuel source.
<b>List any permit term or condition that will no longer be applicable as a result of the change:</b>
All permit terms and conditions of the AOP will no longer be applicable.

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\*WAC 173-401-200(30) states that "Section 502(b)(10) changes" are changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, and reporting or compliance certification requirements.