

**Determination of Nonsignificance
Hanford 241-AY/AZ Tank Farm
Ventilation System Upgrades**

Description of proposal The U.S. Department of Energy (USDOE) Office of River Protection (ORP) requested Ecology review and approval of a Criteria and Toxic Air Emissions Notice of Construction (NOC) Modification Form for Approval Order DE11NWP-001. ORP submitted the Form in support of the 241-AY/AZ Tank Farm Ventilation Upgrades Project. ORP had already received Ecology approval to construct and operate a replacement of the 241-AY/AZ ventilation system under Approval Order DE11NWP-001. That Approval Order authorized construction of a dual-train system. ORP subsequently conducted more analyses and determined that upgrading the existing 241-AY/AZ ventilation system would achieve satisfactory results. Upgrades would replace the existing stack with one of the same diameter and height, add more air and flow monitoring devices, replace the variable speed drives for the ventilation fans, and add a portable, skid-mounted, independent cooling module (ICM).

In the NOC, ORP requests modification of the existing conditions in DE11NWP-001, eliminating the requirement to construct and operate new 241-AY/AZ dual-train ventilation systems. ORP proposed that Ecology add modifications to the conditions in DE11NWP-001 to support upgrades to the existing 241-AY/AZ ventilation system, and to reflect air dispersion modeling results. Whereas the original request included an ICM, ORP later retracted addition of the ICM.

Ecology plans to provide the draft of Revision 1 of Approval Order DE11NWP-001 to the public for review and comment, as it has determined that significant public interest exists. Revision 1 includes a Finding that the upgrades of the 241-AY/AZ ventilation will have no significant impact on air quality. It also provides conditions for upgrading the existing 241-AY/AZ ventilation system, removes the requirement to replace that system, updates the system flow rates, and provides other updates that reflect ORP's dispersion modeling. In the Findings, Ecology stipulated that because ORP retracted the ICM, if ORP decides to install the ICM later, ORP must submit another formal Notice of Construction.

Proponent U.S. Department of Energy
Richland Operations Office
P.O. Box 450
Richland, WA 99352

Location of proposal, including street address, if any The 241-AY and 241-AZ Tank Farms lie on the east center edge of the 200 East Area on the Hanford Site. The 241-AY/AZ Unit, designated as the 200-E P-296A042 001 Tank Exhauster, lies at 46°N32'19" latitude and 119°W31'4" longitude. The 200 East lies in Benton County, in south-central Washington.

Lead agency Washington State Department of Ecology

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030 (2)(c). This decision was made after Ecology, as the lead agency, compiled an environmental checklist and also reviewed and other information on file. This information is available to the public on request.

X This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal until the conclusion of the public comment period on the *DE11NWP-001 Approval Order, Revision 1*. That comment period ends December 13, 2013.

Responsible official: John B. Price

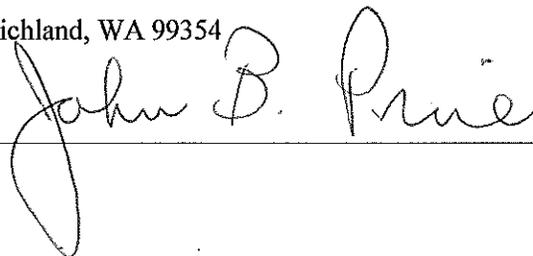
Position/title: Section Manager, Tri-Party Agreement Section

Phone (509) 372-7921

Address: 3100 Port of Benton Blvd, Richland, WA 99354

Date Nov 6, 2013

Signature

A handwritten signature in cursive script that reads "John B. Price". The signature is written over a horizontal line that extends across the page.

X There is no agency appeal.