

Mitigated Determination Of Nonsignificance
325 Hazardous Waste Treatment Units
Operating Group Unit 5

Description of Proposal:

On July 9, 2014, the United States Department of Energy - Richland Operations Office (USDOE-RL) submitted an application for a Class 3 dangerous waste permit modification to Ecology.

USDOE-RL proposed to expand the existing 325 Hazardous Waste Treatment Units (325 HWTUs) in the Radiochemical Processing Laboratory (RPL). The RPL is commonly referred to as the 325 Building.

The expansion would add three dangerous waste management units:

1. Cask Handling Area in a portion of rooms 603/604A (approximately 1,100 square feet).
2. 610 Truck Lock (approximately 1,221square feet).
3. 3714 Pad (an existing, ~2,000 square foot concrete pad located outside near the northeast corner of the RPL).

USDOE-RL submitted the Class 3 permit modification to allow its 325 HWTUs co-operator, the Pacific Northwest National Laboratory, to process waste that must be stabilized or otherwise managed in larger containers (e.g. large boxes) before disposal.

Ecology is issuing a draft permit modification to incorporate the following changes:

- Adds the three new dangerous waste management units (Cask Handling Area, 610 Truck Lock, and 3714 Pad).
- Allows for significant increases in volumes of waste (caused when containers are placed into burial boxes and boxes are filled with concrete).
- Changes the wastes that the 3714 Pad stores from non-dangerous waste to include dangerous wastes.
- Adds crane capacity in the Cask Handling Area for use in positioning and moving large boxes.

The draft permit modification does not allow:

- Receipt of any increases in the amount of waste created or handled in the 325 Building.
- Increases in radioactive or chemical emissions.
- Ground disturbance, construction or excavation.

Further, the permit modification will not permit Pacific Northwest National Laboratory to accept any new types of waste.

Proponent: United States Department of Energy
Richland Operations Office
PO Box 550
Richland, Washington 99352

Location of Proposal: The 325 HWTU's are located within or outside of the Radiochemical Processing Laboratory (commonly referred to as the 325 Building). The RPL lies north of Richland, Washington on the Hanford Site in the 300 Area.

Lead Agency: Washington State Department of Ecology Nuclear Waste Program

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 review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

This Mitigated Determination of Nonsignificance 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 Hanford Site Dangerous Waste Permit, Rev. 9. That comment period ends April 17, 2015.

Responsible Official: John B. Price

Title: Manager, Tri-Party Agreement Section

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Date Feb 27, 2015 Signature John B. Price

There is no agency appeal.