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Jeanne J. Wallace
97-STO-116

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If you have any questions regarding this addendum, please contact Anthony McKarns, RL, on 376-8981, or Harold Tilden, PNNL, on 376-0499.



STO:MEB

Sincerely,

James E. Rasmussen, Director
Environmental Assurance, Permits
and Policy Division

Attachment:
NOI Addendum for the 325 HWTU

cc w/attach:
S. M. Price, FDH
M. J. Riess, PNNL
H. T. Tilden, PNNL

Administrative Record (T-3-4)

NOTICE OF INTENT ADDENDUM FOR THE 325 HAZARDOUS WASTE TREATMENT UNITS

The following is an addendum to the *Notice of Intent For Expansion Under Interim Status - Hanford Facility, 325 Hazardous Waste Treatment Units*, that was submitted to the Washington State Department of Ecology on November 27, 1995, and amended on April 24, 1996. Changes to the original NOI, as amended, are noted in redline/strikeout format.

This addendum addresses the addition of treatment capacity for dry and liquid mixed waste in various sized containers within the existing 325 HWTUs, located in the 325 Building, 300 Area.

2.2 Description of Unit To Be Expanded

Revise the last paragraph of this section to read:

The mixed waste and/or dangerous waste containers in the Hazardous Waste Treatment Unit and Shielded Analytical Laboratory contain characteristic waste, toxic constituents, non-specific source waste, selected waste from specific sources, and state-only (extremely hazardous and dangerous) waste. The additional storage and treatment of containerized waste in the HWTUs will expand the process design capacity for container storage to 10,000 liters and for treatment within containers to 400 ~~1514~~ liters per day. The estimated annual quantity of mixed waste and/or dangerous waste stored in containers is approximately 60,000 kilograms and for container treatment is ~~2500~~ ~~22,500~~ kilograms. No container storage is proposed for the 325 Collection/Loadout Station Tank pit area.

4.0 Justification of Need

Revise the last paragraph to read:

The need for additional capacity for container storage at the 325 HWTUs arises from the possibility of delays in completing laboratory analysis and characterization of mixed waste samples, and potential delays in transferring mixed waste containers to the Hanford Central Waste Complex. The ~~added container~~ treatment capability supports rendering mixed waste non-hazardous or placing it in a more acceptable physical state for storage elsewhere (e.g. Hanford Central Waste Complex). The ability to store and treat mixed waste for greater than 90 days in the SAL tank and the proposed 325 Collection/Loadout Station Tank will increase both safety and efficiency of waste management activities at the 325 Hazardous Waste Treatment Units. Because of delays in transferring liquid mixed waste to the Double-Shell Tank System by railcar, caused by waste minimization transfer considerations, and the necessity of minimizing the number of railcar waste transfers, it is necessary to expand the 325 Hazardous Waste Treatment Units liquid mixed waste management activities to include tank storage and treatment.

NOTICE

The U.S. Department of Energy, Richland Operations Office is making public notification that an addendum to the Notice of Intent for expansion under interim status for the 325 Hazardous Waste Treatment Units has been filed with the Washington State Department of Ecology. The Notice of Intent was filed with the Washington State Department of Ecology on November 27, 1995 in accordance with WAC 173-303-281. An addendum to the Notice of Intent addressing the addition of storage and treatment capacity for dry and liquid mixed waste in various sized containers in the 325 HWTUs, and adjusts the tank storage and treatment capacity proposed in the original NOI, was filed on April 24, 1996. The present addendum adds container treatment capacity to the unit based on operating experience. The 325 HWTUs are located in the 325 Building, 300 Area of the Hanford Facility and manages wastes generated from laboratory operations. A copy of the addendum to the Notice of Intent is available in the U.S. Department of Energy, Richland Operations Office, Public Reading Room, located at Washington State University, Room 130, 100 Sprout Road, Richland, WA 99352 (Hours M-F, 8-12 and 1-4:30) or may be obtained by contacting the Office of Communications, DOE-RL, P.O. Box 550, Richland, WA 99352, (509) 376-7501.