



## **Supplement Analysis Details Plans for Additional IWTU Product Storage Building**

The United States Department of Energy (DOE) has prepared a supplement analysis (SA) in consideration of a proposed action to construct a second Product Storage Building (PSB-II) at the Idaho Nuclear Technology and Engineering Center (INTEC) to support operations at the Integrated Waste Treatment Unit (IWTU). The analysis supplements the Idaho High-Level Waste and Facilities Disposition Final Environmental Impact Statement (DOE 2002, DOE/EIS-0287).

The SA, prepared in accordance with the National Environmental Policy Act (NEPA), analyzes potential impacts of:

- Construction and operation of a second Product Storage Building (PSB-II) at the Idaho National Laboratory Site's INTEC facility.
- Modification of the existing Product Storage Building (PSB-I) to allow the transfer of product storage vaults into a connecting the breezeway between PSB-I and PSB-II.

As part of the facilities described in the Final EIS, the IWTU is located at INTEC on the Idaho National Laboratory Site. The IWTU mission is to treat the approximately 900,000 gallons of liquid radioactive waste that remain from past INTEC operations, package the solid product in canisters, and store these canisters in concrete vaults on site in the interim while they are awaiting final disposition.

Since substantial completion of construction, the IWTU has been subject to numerous modifications, corrective measures, and improvements as the facility has transitioned from

construction to start-up and commissioning. Results obtained from system performance tests, project that 78 vaults will be required to store the processed waste. The existing storage facility has room for only 37 vaults.

A second PSB (PSB-II) is proposed to provide additional safe storage capacity. PSB-II will be located north of the existing PSB. Modifications to the site fence, roads, and utilities will be required to support PSB-II construction. Vaults will be transferred from the IWTU vault loading station into the existing PSB, or through the existing PSB into PSB-II.

The supplement analysis to the Idaho High-Level Waste and Facilities Disposition Final Environmental Impact Statement (DOE 2002, DOE/EIS-0287) is available [here](#).

### **Inquiries regarding the SA should be submitted to**

Mr. Trent Neville

**By mail:**

U.S. Department of Energy

Idaho Operations Office

1955 Fremont Avenue

MS 1222

Idaho Falls, Idaho 83415

**By e-mail:** [nevillts@id.doe.gov](mailto:nevillts@id.doe.gov)