

# Hanford Site (Richland, WA) Safety Basis Report

Total Facilities: 26

Facility	Hazard Category	Safety Basis Type	Approval Status	Date Approved
118-K-1 Burial Ground	HC3	DSA	AUR	01/11/2006
200 Area Interim Storage Area (ISA), Fuel/cask storage, storage pad	HC2	DSA	AUR	01/22/2009
209-E Building Critical Mass Laboratory	HC3	DSA	AUR	08/14/2006
224-T (formerly TRU Storage and Assay Facility (TRUSAF)), TRU waste storage	HC3	DSA	AUR	11/03/2008
2736-Z (PFP stabilization and storage)	HC2	DSA	AUR	01/13/2009
324 Bldg, Waste Technology Engineering Laboratory, Vault, hot cells, liquid waste tanks	HC2	BIO	AUR	07/11/2003
618-10 and 618-11 (underground waste sites)	HC3	BIO	AUR	07/16/2003
Analytical Service Program: 222-S Laboratory Complex	HC3	DSA	AUR	03/17/2003
B-Plant Bulk Reduction Building	HC2	DSA	AUR	11/08/2007
Canister Storage Building (CSB), (Project W-379), Spent fuel stabilization and storage	HC2	DSA	AUR	04/15/2009
Cold Vacuum Drying Facility (CVD), (Project W-441), Spent fuel drying	HC2	DSA	AUR	04/14/2009
Fast Flux Test Facility (FFTF)	HC3	DSA	AUR	04/08/2009
Hanford On-Site Transportation Activities	HC2	DSA	AUR	06/09/2010
KE Basin, Fuel storage basin demolition	HC3	DSA	AUR	03/11/2009
KW Basin, Spent fuel storage	HC2	DSA	AUR	04/14/2009
Liquid Effluent Project: 242-A Evaporator-Crystallizer, Liquid waste condensation	HC2	DSA	AUR	07/08/2003
Pu Conc. Bldg., 224-B	HC2	DSA	AUR	04/13/2009
Pu Finishing Plant (PFP) D&D Mission	HC2	DSA	AUR	03/12/2009
PUREX (includes Pu/U separations and Tunnels)	HC2	DSA	AUR	11/05/2008
REDOX	HC2	DSA	AUR	11/03/2008
River Protection Project - Waste Treatment Plant (RPP-WTP)	HC2	PDSA	AUR	03/17/2003
Solid Waste Operations Complex (SWOC)	HC2	DSA	AUR	07/16/2009
Tank 241-Z-361	HC2	DSA	AUR	01/13/2009
U Plant/UO <sub>3</sub> PUREX	HC2	DSA	AUR	09/01/2009
Waste Encapsulation Storage Facility (WESF), Sr and Cs storage	HC2	DSA	AUR	06/16/2009
Waste Tanks (Include Rotary Mode Coer Sampling and 242-S and -T evaporators)	HC2	DSA	AUR	03/24/2003

Safety Basis Report current as of Feb 15, 2013

## Program Office

Office of Environmental Management

## Safety Basis Type

BIO – Basis for Interim Operation

DSA – Documented Safety Analysis

PDSA – Preliminary Documented Safety Analysis

Hazard Category

HC1 – Hazard Category 1 (a nuclear facility with the potential for significant off-site consequences)

HC2 – Hazard Category 2 (a nuclear facility with the potential for significant on-site consequences)

HC3 – Hazard Category 3 (a nuclear facility with the potential for only significant localized consequences)

HCR – Hazard Category Radiological (a radiological facility only)

Approval Status

AUR – Approved Under the Rule (10 CFR 830 – Nuclear Safety Management)

E – Temporary Exemption Granted

SBPA – Operating Safety Basis Pending Approval

UD – Under Development

UMR – Operating Safety Basis Pending Update to Meet the Rule