

Cross-Walk of Project vs. Draft 1189

Developed for EM-1/DNFSB Meeting in Idaho
January 2007



STD 1189/IWTU Comparison

DOE STD 1189 Deliverable Requirements	IWTU Deliverables
CD-0 Approve Mission Need (Conceptual Design)	
Perform pre-conceptual planning activities	Assessment of the SBW Treatment and Disposition Alternatives Decoupled from the Calcine Treatment – INEEL/EXT-02-00265 – February 2002
Prepare Mission Needs Statement	Mission Needs Statement - DOE/NE-ID-11193 Sept 2004
Develop ROM estimates for MAR and release consequences	Idaho HLW and Facilities Disposition FEIS – DOE/EIS-0287 – September 2002
Develop tailoring strategy Safety-in-Design	Not currently required
Develop an DOE approved Safety Basis Strategy	Not currently required

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DOE STD 1189 Deliverable Requirements	IWTU Deliverables
CD-1 Approve Alternative Selection and Cost Range (Preliminary Design)	
Establish Integrated Project Team and SDIT	IPT Charter - 9-15-05
Develop design/process alternatives analyses	Conceptual Design Report - ICP/EXT-05-00908 – July 2005
Update Safety Basis Strategy	Not currently required
Perform Preliminary Project Execution Plan	Preliminary Project Execution Plan – PLN-1963 – June 2005
Incorporate safety controls into design	Preliminary Hazards Analysis for the IWTU – 28276-26-001 July 2005
Prepare Conceptual Safety Design Report	Hazards Assessment Document for the IWTU – HAD-359 – September 2005, Radioactive Inventories for the IWTU Process – EDF-6137 – August 2005, Fire Hazard Analysis Title 1 Design – 28276-15-0002 – September 2005
DOE prepare Conceptual Safety Validation Report	DOE-ID Concurrence with the IWTU Preliminary Hazards Characterization – CCN-301042 – September 2005
Prepare PHA (< Hazard Category 3 facilities) DOE approval	N/A

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DOE STD 1189 Deliverable Requirements	IWTU Deliverables
CD-2 Approve Performance Baseline (Final Design)	
Prepare Hazards Analysis Report	Hazard and Operability (HAZOP) Review for the IWTU – EDF-6796 – March 2006
Update Safety Basis Strategy	Not currently required
Revise design to incorporate definitive safety controls	Preliminary Safety Classification for the IWTU Equipment – EDF-6152 – February 2006, IWTU CD-2 Formal Design Review – May 2006
Prepare Preliminary Design Report	Technical and Functional Requirements for the IWTU – March 2006, Design Basis Document – DB-22-001 – May 2006
Prepare Preliminary Safety Design Report	Preliminary Safety Analysis Report for the IWTU – SAR-219 – May 2006
DOE prepare Preliminary Safety Validation Report	Safety Evaluation Report for SAR-219 – May 2006
Establish Performance Baseline	Approve Performance Baseline (CD-2) and the Associated Baseline Change Proposal, Long Lead Procurements and Site Preparation (CD-3B), and the Project Execution Plan for the Sodium Bearing Waste Treatment Project – December 2006

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DOE STD 1189 Deliverable Requirements	IWTU Deliverables
CD-3 Approve Start of Construction	
Prepare Final Design Report	Complete the IWTU CD-3 Formal Design Review
Revise Hazards Analysis if required	Update the Hazard and Operability (HAZOP) Review for the IWTU – EDF-6796
Update Safety Basis Strategy if required	Not currently required
Prepare Preliminary Documented Safety Analysis	Completed at CD-2 for Long Lead Procurements
DOE prepare Safety Evaluation Report	Completed at CD-2 for Long Lead Procurements
Update Hazards Analysis Report (< Hazard Category 3 facilities)	N/A

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DOE STD 1189 Deliverable Requirements	IWTU Deliverables
CD-4 Approve Start of Operations or Project Closeout	
Issue Checkout, Testing and Commissioning Plan	Update the Test Plan for the Sodium-Bearing Waste Treatment Facility System Turnover, Acceptance Criteria and Start-up – PLN-2020
Issue Transition to Operations Plan	Update the Operations Plan that is being written for CD-3
Complete Readiness Assessment or Operational Readiness Review	Complete CD-4 per DOE O 413.3A
Finalize Hazard Analysis Report	Complete the CHAP review final
Prepare DSA and TSR	Complete the Final SAR-219
DOE prepare SER	DOE complete the final SER