

Technical Support Documents (TSDs) Supporting the LTP

Document Number	Rev.	Issue Date	Document Title	Owner
TSD-10-002	001	12/12/16	Technical Basis for Radiological Limits for Structure/Building Open Air Demolition	RP/LTP/FSS
TSD-11-001	001	10/03/12	Potential Radionuclides of Concern During the Decommissioning of the Zion Station	RP/LTP/FSS
TSD-11-004	000	02/02/12	Ludlum Model 44-10 Detector Sensitivity	RP/LTP/FSS
TSD-13-003	000	05/29/13	Use of In SITU Gamma Spectroscopy for Final Status Survey Scoping and Characterization Surveys	RP/LTP/FSS
TSD-13-004	000	05/29/13	Examination of Cs-137 Global Fallout in Soils at Zion Station	RP/LTP/FSS
TSD-13-006	000	12/17/14	Reactor Building Units 1 & 2 End State Concrete and Liner Initial Characterization Source Terms and Distribution	RP/LTP/FSS
TSD-14-003	003	10/22/14	Zion Hydrogeologic Investigation Report	RP/LTP/FSS
TSD-14-004	001	12/18/14	Recommended Values for the Distribution Coefficient (KD) to be used in Dose Assessments for Decommissioning at ZNPP	RP/LTP/FSS
TSD-14-006	005	10/13/14	CRA Report - Evaluation of Hydrogeological Parameters in Support of Dose Modeling for Zion	RP/LTP/FSS
TSD-14-009	003	02/24/17	BNL: Evaluation of maximum Radionuclide Groundwater Concentrations for Basement Fill Model	RP/LTP/FSS
TSD-14-010	006	07/12/17	RESRAD Dose Modeling for Basement Fill model, Soil DCGL and Calculation of Basement Fill Model Dose Factors	RP/LTP/FSS
TSD-14-011	000	12/18/14	Soil Area Factors	RP/LTP/FSS
TSD-14-013	000	12/18/14	Zion Auxiliary Building End State Estimated Concrete Volumes, Surface Areas, and Source Terms	RP/LTP/FSS
TSD-14-015	003	02/23/17	Buried Pipe Dose Modeling & DCGLs	RP/LTP/FSS
TSD-14-016	000	02/25/17	Description of Embedded Piping, Penetrations, and Buried Pipe to Remain in Zion End State	RP/LTP/FSS
TSD-14-017	000	10/30/14	BNL Report - Sorption (KD) Measurements on Cinder Block and Grout in Support of Dose Assessments for Zion Station Decommissioning	RP/LTP/FSS
TSD-14-019	002	02/23/17	Radionuclides of Concern for Soil and Basement Fill Model Source Terms	RP/LTP/FSS
TSD-14-020	000	10/13/14	Sorption (KD) Measurements in Support of Dose Assessments for Zion Station Decommissioning	RP/LTP/FSS
TSD-14-021	001	07/18/16	BFM Drilling Spoils and Alternate Exposure Scenarios	RP/LTP/FSS
TSD-14-022	001	05/27/15	Use of In-Situ Gamma Spectroscopy for Source Term Survey of End State Structures	RP/LTP/FSS
TSD-14-028	000	12/15/14	Radiological Characterization Report	RP/LTP/FSS
TSD-14-032	000	12/18/14	CR Report: Simulation of the Post Demolition Saturation of Foundation Fill Using a Foundation Water Flow Model	RP/LTP/FSS
TSD-17-001	001	03/21/17	ALARA Analysis For Use of Concrete Debris As Fill and Remediation of Auxiliary Building 542 Ft. Floor Drains	RP/LTP/FSS
TSD-17-004	003	07/18/17	Operational Derived Concentration Guideline Levels for Final Status Survey	RP/LTP/FSS