

Documents Made Available During the September 23-27, 2013 NRC Staff Audit of US-APWR  
Seismic Analyses

<b>Document Number</b>	<b>Document Title</b>	<b>Rev.</b>	<b>Issue Date</b>
NIC-13-05-113-001	Dynamic Finite Element Model Development and Validation of the Reactor Building Complex	3	09/20/2013
NIC-13-05-113-002	Reactor Building Complex Standard Plant Soil-Structure Interaction Analysis	2	09/13/2013
NIC-13-05-205-001	Nonlinear Sliding Analysis - Reactor Building Complex	2	09/13/2013
NIC-13-05-205-002	Reactor Building Complex Foundation Overturning Stability	3	09/13/2013
REB-13-05-205-003	Short Term and Long Term Settlement Analysis of Standard Plant Structures	0	10/31/2011
SPS-13-05-100-002	Structure-Soil-Structure Interaction Effect of Reactor Building Complex on Turbine Building	2	06/26/2013
SPS-13-05-113-003	Effect of Embedment on Seismic Soil-Structure Interaction Response of the US-APWR Standard Plant Reactor Building Complex	1	12/27/2012
SPS-13-05-113-006	Standard Plant Soil Profiles	3	09/19/2013
SPS-13-05-113-007	Selection of Time History Seeds for Nonlinear Sliding Analysis	1	06/04/2013
SPS-13-05-113-008	Structure-Soil-Structure Interaction Analysis: Reactor Building Complex and Turbine Building	1	09/13/2013
SPS-13-05-113-009	ISRS Envelope Assessment	1	09/13/2013
SPS-13-05-113-010	Ground Water Table Effect on Soil-Structure Interaction Response of the Reactor Building Complex	2	09/13/2013
SPS-13-05-113-011	Validation of MSM for the MHI US-APWR Reactor Building Complex Analysis	2	09/13/2013
SPS-13-05-113-012	Development of Target Power Spectral Densities Compatible with DCD Certified Seismic Design Response Spectra	2	09/13/2013
SPS-13-05-113-013	Development of Design Basis Time History from Northridge Mount Baldy Seed	3	09/13/2013
SPS-13-05-113-018	Development of Time Histories for Non-Linear Sliding	3	09/13/2013
SPS-13-05-113-019	Lateral Earth Pressures	3	09/16/2013
SPS-13-05-113-020	Effect of Concrete Cracking on Sliding Analysis Results	0	01/30/2013
SPS-13-05-113-021	Relevant Frequency Range for Sliding Analysis of Standard Plant Structures	0	01/30/2013
SPS-13-05-113-022	Effect of Rocking on Sliding Analysis Results	0	01/30/2013

Document Number	Document Title	Rev.	Issue Date
SPS-13-05-113-023	Effect of Live Loads on Sliding Analysis Results	0	01/30/2013
SPS-13-05-113-024	Base Reaction Comparison - Soil-Structure Interaction Finite Element Model and Sliding Lumped-Mass Stick Model	0	04/08/2013
SPS-13-05-113-025	Flat Response Spectrum Analysis Comparison - Finite Element Model and Lumped-Mass Stick Model	0	04/10/2013
SPS-13-05-113-027	Engineered Fill For Standard Plant Structures	0	06/27/2013
SPS-13-05-205-001	Short Term and Long Term Settlement Analysis of Standard Plant Structures	1	09/13/2013
TUB-13-05-113-001	Turbine Building Standard Plant Soil-Structure Interaction Analysis for Non-Linear Sliding	1	12/27/2012
TUB-13-05-205-001	Nonlinear Sliding Analysis - Turbine Building	0	01/31/2013
	US-APWR Standard Plant Structural Design Criteria	0	12/23/2010
	Reactor Building Complex General Arrangement Drawings and Concrete Outline Drawings (Multiple)		