

NRC/ NEI Joint Steering Committee Meeting

June 15 , 2015



NUCLEAR ENERGY INSTITUTE

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Today's Goal

- Today goal is to have a frank discussion on completion dates of deliverables and reviews
- Discussions with staff have continued to be productive
- Resolution of the complex technical issues need the time.
- Need integration of flooding and seismic MSA's for implementation

Flooding Rulemaking

- Appendix G Endorsed by Sept 2015
- Staff completion of Flood hazard assessment and letter issuance by end of 2015
- MSA for flooding completed by December 2016
- NRC approval of changes if necessary by 2017
- Industry implementation of changes within 2 refueling cycles of rulemaking

Flooding 50.54 (f)

- Develop screening guidance for IA end of 2015
- NRC endorsement of IA guidance by June 2016
- Screening for Integrated Assessment completed by June of 2017 .
- NRC approval of screening by December 2017
- IA completed 1 year after NRC approval of screening results

Seismic Rulemaking

- Appendix H
 - Appendix H endorsed by end of 2015
 - MSA for seismic completed for by end of 2016 for path 1 and 2 plants
 - Path 3 and 4 schedule to be determined
 - NRC approval of changes if necessary
- SPRA plants would complete the SPRA and determine necessary changes based on risk assessment
- Resolution of Group 2 and 3 SPRA plants timeline not in alignment with rulemaking
- Industry implementation of changes within 2 refueling cycles of rulemaking or completion of SPRA, whichever is later

Overview

Path	Description	# of Sites	50.54(f) Resolution (Date)	Mitigation Strategy (Date)
1	GMRS < SSE	7	Complete	Complete
2	GMRS>SSE only >10 Hz	12	Complete HF review (2015-2016)	Confirm MS Capability (2016)
3	GMRS>SSE - IPEEE	8	Complete HF review and SFP evaluation (2015-2016)	Confirm MS Capability (201?)
4	GMRS>SSE - no SPRA	13	Complete HF review and SFP evaluation (2015-2016)	Confirm MS Capability (201?)
5	GMRS>SSE - SPRA	22	Complete SFP evaluation (2015-2017) Complete SPRA (2017-2020)	Alternate MS Strategies Based on SPRA Insights (with SPRA)

Seismic 50.54 (f)

- High Frequency Assessments (HF)
 - EPRI issue HF report by July 2015
 - High Frequency report endorsed by August 2015
 - HF assessment completed by end of 2016
 - NRC review completed by end of 2017
- Spent Fuel Pool Assessment (SFP)
 - Spent Fuel Pool seismic assessment guidance endorsed by end of 2016
 - SFP assessment completed by end of 2017
 - NRC review completed by 2018
- SPRA completed by 2017 - 2020

PROPOSED RULEMAKING: MITIGATION OF BEYOND-DESIGN-BASIS EVENTS

- Challenges
 - Fast tracking complex technical development of NEI 12-06 Appendix H for seismic
 - Draft reg. guide DG-1301 Appendix A
 - Late additions to rule make it challenging to comment during the review period