



# Seismic PRA Peer Reviews

NRC Public Meeting  
October 6, 2016

# Overview of SPRA Peer Reviews

- Strong consistency in SPRA peer reviews
- Addressed lessons learned from Internal Events and Fire PRA peer reviews
  - Working observer process helpful in expanding pool of qualified reviewers
- Continuous integration of lessons learned throughout process
  - Common F&Os from other reviews addressed by licensees prior to review week
- All F&Os can be dispositioned as one of:
  - Addressed
  - Committed to address
  - Not relevant

# Common Trends

- Hazard that meets SPID expectations may not meet all SRs at CC II
- Fragility analysis that meets the Standard may not meet SPID expectations
- Several SRs were “not met” at multiple sites
  - SHA: F2, H1, I2, J1, J3
  - SFR: F1
  - SPR: B6
  - See attached tables

# Special Considerations

- No Unreviewed Analysis Method (UAM)-type findings issued
- Several EPRI workshops held to delineate rules for use of specific methods (clipping and rule of the box)

# Examples of Addressed Findings

- While many findings may not need to be addressed for SPRA submittals, some do affect results
- See attached
  - Based on over a year of refinement
  - Most 2.1 submittals will not need to be as detailed