



# Industry PRA Peer Review Guidance

NRC Public Meeting  
December 12, 2017

## NEI 17-07: Peer Review Guidance

- NEI 17-07 combines peer review guidance for internal events, internal floods, fires, and external hazards
  - Supersedes NEI 05-04, 07-12, 12-13
- Draft was sent to NRC for review on December 1
  - Anticipate comments from NRC
  - Intend to address before finalizing

# NEI 17-07: Peer Review Guidance

- Major enhancements
  - Incorporated guidance on closure of findings
  - Developed guidance on reviewing new methods during peer reviews
  - Augmented discussion on concept of unreviewed/not reviewed
  - Addressed lessons learned from over a decade of peer reviews
  - Enhanced discussions on reviewer qualification and documentation
- Planned future enhancements
  - Incorporate more detailed guidance on external hazard screening reviews

# Peer Review Guidance Path Forward

- NEI 17-07
  - Intend to work with NRC to identify any other enhancements to peer review guidance
  - Interested in moving quickly to support upcoming risk-informed applications
    - New methods review of particular interest for TSTF-505
    - Likely needs NRC acceptance prior to next revision of RG 1.200
- NEI 12-13
  - Will need some form of NRC acceptance, as many utility peer reviews were conducted using this
  - Industry can develop gap assessment guidelines to address NRC comments, as applicable
  - No intention to issue a revision of this document