

RASP Handbook Changes and Use of NEI 16-06

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RASP Handbook

- Significance Determination Process, MD 8.3 (Incident Investigation), Accident Sequence Precursor
- RASP Handbook Revision Vol. 1, Sect. 6
- Clarifies use of FLEX for recovery events

NEI 16-06

- Nuclear Energy Institute (NEI) white papers (December, 2015)
 - “Qualitative Assessment for Crediting Portable Equipment”
 - “Streamlined Approach for Crediting Portable Equipment”
- NRC held a public workshop
- NEI revised the white papers (May, 2016)
- Letter from NRR Office Director (ML16167A034) (August, 2016)
- Listed areas of additional staff focus
 - Base Failure Probability
 - Time Margin
 - Equipment Reliability
 - Diagnosis Errors

NEI 16-06

- NEI 16-06, “Crediting Mitigating Strategies in Risk-Informed Decision Making” (ML16286A297) (August, 2016)
 - Qualitative assessment (tier 1)
 - Semi-quantitative streamlined assessment (tier 2)
 - Treatment in PRA (RG 1.200 compliant) (tier 3)
- NRR staff reviewed NEI 16-06
 - Focused on the new section (Full PRA)
 - Developed a publicly available internal memo (ML17031A269)
- Highlighted many possible concerns
 - Scope
 - PRA upgrade vs update
 - Data analysis
 - Human reliability analysis

Gap in NEI 16-06?

- Qualitative assessment (tier 1)
- Semi-quantitative streamlined assessment (tier 2)
- *Treatment in PRA (non RG 1.200 compliant) (tier 2.5?)*
- Treatment in PRA (RG 1.200 compliant) (tier 3)