

Integrated Assessment Examples

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NUCLEAR ENERGY INSTITUTE

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STORIED HISTORY
BRIGHT FUTURE

General

- Discuss specific comments identified by industry and NRC
 - Disposition of the “change requested” comments
- Complete final version
 - Post on NEI Fukushima response website, and
 - Send to NRC for information
- Incorporate into an NEI guideline
 - Publication around mid-summer

Extended Simple

- Intent - to demonstrate a simplified assessment of operator actions
- Staff comments 27 through 35 seem to challenge the possibility of a graded approach and a simple Appendix C evaluation
 - Qualitative evaluation should be sufficient for a simple manual action
- Goal: Determine if
 - Example should be completed
 - Additional review is appropriate

Extended Simple

- Simple manual action characteristics
 - Proceduralized
 - No time-critical actions (significant time margin exists)
 - Consideration of adverse conditions included
 - Actions benchmarked to demonstrated feasibility and reliability for all shifts
 - Skills possessed by qualified personnel
 - Personnel trained in accordance with systematic approach to training
 - Equipment pre-staged
 - Assessment verified by peer review
- Example demonstrates conformance with the attributes established in Appendix C

Scenario Based

- Comments (see example)
 - Will perform one more consistency review
 - Previous agreement to place focus on highly reliable primary success path (#21, 25, p 48)
 - Application of C.2 criteria (#43, p 78)
 - Basis for acceptable timing (#45, p 80)
 - Credit for programs and procedures (#47, p 81)
- Disposition comments and complete final version
 - No further review