

PRA Communications

RII PRA Counterpart Meeting

December 3, 2014

PRA Communications - Events

- IMC 0309 Reactive Decision Basis for Reactors
- Branch Chief contacts SRA to perform risk evaluation if deterministic criteria are met
- SRAs perform the evaluation using NRC SPAR model and best available information
- NRC HQ involvement if regional risk estimate is in SIT/AIT overlap range or higher
- SRAs typically contact licensee PRA staff
- Time frame for analysis 1-2 days

PRA Communications - SDP

- SRA initiates detailed risk evaluation (DRE) if performance deficiency is not screened
- SRA contacts licensee PRA staff if issue has potential to be greater than green
- Licensee PRA staff may provide risk insights during this period
- If preliminary is > Green, results reviewed by HQ risk analyst, presented at SERP, and documented in inspection report

PRA Communications - SDP

- Licensee can accept preliminary result, request a regulatory conference, or submit a written response
- New information not previously communicated should be submitted and discussed
- Information submitted or discussed at the regulatory conference is reviewed by SRAs, HQ, technical staff as necessary– DRE updated if required
- Final SERP conducted to determine final significance

PRA Communications – NOED

Prior to NOED Request

- SRA and HQ Risk Analyst will perform an independent risk evaluation (time permitting)
- SRA may contact plant PRA staff to obtain risk information (time permitting)

During NOED Request

- Follow IMC 0410 guidance! Section 0410-07
- No Net Increase in Risk = ICCDP – $5E-7$ /yr, ICLERP – $5E-8$ /yr
- Numerical Criteria are not pass/fail
- Expect questions on risk evaluation
- Expect questions on compensatory measures

Review of Written Request

- NRC will confirm that written request matches verbal request

RIII Senior Reactor Analysts

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