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Ideas to Improve Schedule


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Topical Reports - Key to Innovation

- ▶ **Topical Reports support:**
 - ◆ Enhanced Safety
 - ◆ Operational Flexibility
 - ◆ Reducing conservatism from outdated methodologies
 - ◆ Providing more accurate assessment of events
- ▶ **Significant backlog of TRs is stressing resources and making implementation of improvements more difficult**
- ▶ **NRC and industry have recognized issue**


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Basic Steps from Submittal to SER

- ▶ **Large amount of knowledge needs to be transferred quickly and efficiently from vendor to NRC reviewers**
- ▶ **Reviewers need to understand, evaluate, establish limits and conditions and write the Safety Evaluation Report**
- ▶ **Administrative activities**
- ▶ **Final outcome is good quality but too long**

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Schedule Improvement Ideas

► Easy concepts first:

- ◆ Basic Project Management tools
- ◆ Rigorously follow LIC-500 process with new metrics
- ◆ Rigorously follow Regulatory Guides and NUREGs associated with TRs
- ◆ RAI only to fill a "hole" in the draft SE
- ◆ Respect schedule – meet commitments
- ◆ Use more audits for understanding to allow for efficient knowledge transfer
- ◆ Utilize same reviewers for similar subjects to provide continuity
- ◆ Establish close-out process for lessons learned and feedback

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B.4

Schedule Improvement Ideas

► Not as Easy concepts next:

- ◆ Vendors submit the limits and conditions recommendations
- ◆ Vendors submit information about safety margin improvement to help establish priority
- ◆ Increase the pool of allowable reviewers
- ◆ Close adherence to the reasonable assurance standard

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B.5

Schedule Improvement Ideas

► Finally – ideas that require new approach:

- ◆ Vendors submit the draft SE along with the TR
- ◆ Establish a "Tiger" team of reviewers and vendor personnel
 - Focus on highest priority
 - Complete entire process in less than 3 months
- ◆ Establish generic Change Management Process

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B.6

Summary

- ▶ Significant schedule improvements are possible
- ▶ No capital cost needed to improve – only our combined efforts
- ▶ Schedule improvement will result in lower costs, reduced backlog, more innovations and improved safety

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