

NRC/NEI Meeting

NEI Topical Report Team Handout
October 21, 2008



NUCLEAR
ENERGY
INSTITUTE

Topical Report Value Proposition

- Topical Reports increase safety through:
 - Increased margins using improved analyses or designs
 - Increased standardization
 - Efficiency improvements reallocate NRC and industry resources to safety issues
 - Address generic safety issues
- Examples:
 - GSI-191
 - BWR core stability

TR Value Proposition (continued)

- Topical Reports increase the efficiency and effectiveness of the regulatory review process, which results in:
 - Substantial manpower and budget reallocations
 - Improving licensing predictability
 - Improving licensing schedules
- Examples
 - STAR (shutdown testing activity reduction)
 - BWR containment overpressure protection
 - Risk-informed topical reports in support of Tech Spec changes (surveillance intervals and completion times)

Validating the Value Proposition

- Topical reports are implemented by a high percentage of operating plants
 - BWRVIP 100%
 - Areva ~80%
 - PWROG ~75%
- For selected topical reports, develop estimates of the improvement in safety and/or efficiency

Comments on LIC-500 (draft Rev 4)

- Continue the dialogue on previous NEI comments that remain open
- New NEI comments provided in a separate mark-up of draft Rev 4.