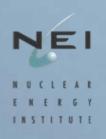
Nuclear Regulatory Commission Briefing on New Plants

Industry Panel June 25, 2008



Industry Panel

- Jack A. Bailey, Vice President,
 Nuclear Generation Development,
 Tennessee Valley Authority
- John M. Richards, Principal Engineer,
 Duke Energy Corporation,
 Chairman EPRI Structural Reliability & Integrity
 Committee
- Anthony R. Pietrangelo, Vice President, Regulatory Affairs, NEI



Discussion Topics

- New Plant Status
- Industry Priorities
- Seismic Topics



New Plant Status

- Constructive interactions continue
- Post-licensing implementation guidance being developed
 - Construction Inspection Program
 - ITAAC closeout
 - Problem identification & resolution
 - Operator training
- Implementation of LWA rule
- Improving the environmental review process



Complete Rulemakings

- Aircraft Impact Assessments
 - Methodology submitted for NRC endorsement
- Security
 - Request SECY release in Fall 2008 to support interactions on new plant security plans
- Waste Confidence
 - DOE-applicant interactions on standard contract



Seismic Topics

- Seismic events have demonstrated robustness of nuclear plant designs
- Insights from ESP projects resulted in a four-year improvement program
 - Improved, more realistic methodologies and tools now available for seismic evaluations



Improved Seismic Methodologies & Tools

- Common understanding on improved approaches
 - Incoherency methodology
 - Cumulative Absolute Velocity
 - New software package validation
- Process for updating site seismic hazard (PSHA)
- Developing thresholds for evaluation of new studies and the significance of differing opinions



Conclusion

- New designs increase safety and operational margins
- Conclude discussions on implementation of updated & improved methodologies & tools for new plants by end of 2008
- Maintain focus on completing new plant related final rules



List of Acronyms

- ITAAC Inspections, Tests, Analyses and Acceptance Criteria
- LWA Limited Work Authorization
- DOE Department of Energy
- ESP Early Site Permit
- IPEEE Individual Plant Examination of External Events
- PSHA Probabilistic Seismic Hazards Analysis

