

Nuclear Regulatory Commission Briefing on New Plants

**Industry Panel
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Industry Panel

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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**