



AP1000 COL Piping Analysis, Hazard Evaluation, and LBB Evaluation August 29, 2006

Don Lindgren
AP1000 Licensing
412-374-4856 – lindg1da@westinghouse.com

Other Regulatory Issues

- **DG-1144 Environmental Fatigue**
- **DG-1145 Combined License (COL)
Applications for Nuclear Power Plants**
- **High Frequency Spectra Changes**

DG-1144 Environmental Fatigue

- **The treatment of environmental fatigue was addressed during the design certification review.**
- **The resolution was that environmental fatigue is an issue that should be addressed in License Renewal activities.**
- **No additional efforts are required in this area for AP1000 piping analyses.**

DG-1145

- **The proposed guidance in DG-1145 does not add analysis requirements to those required by DCD criteria, COL information items, or ITAAC.**
- **The current write-up for what goes into Section 3.6 presents some timing issues.**

High Frequency Spectra Changes

- **Reg. Guide 1.165 added higher frequency components to ground spectra**
- **NEI and EPRI are leading nuclear industry efforts to address these changes**
- **AP1000 Design Certification was based on Reg. Guide 1.60 spectra**