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**US-APWR
Design Centered Working Group
Risk Informed Technical Specifications**

November 3, 2010



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Agenda

- Introductions and Opening Remarks**
- Meeting Objectives**
- Background and Challenges**
- Open Discussion of Options**
- Potential Paths Going Forward**
- Summary and Conclusion**



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Meeting Objectives

- To attain a common understanding of the current status**
- To identify and understand the challenges**
- To explore/discuss potential solutions**
- To identify options going forward**
- To discuss and understand potential impacts on COLA review**
- To discuss options if impacts on schedule are unacceptable**



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Background - US-APWR DCWG

- Formed in April 2007 - membership:**
 - **Mitsubishi Nuclear Energy Systems (MNES) - representing the US-APWR DCD**
 - **Luminant (R-COLA) and**
 - **Dominion (S-COLA)**
- Public meetings with NRC in 2007, 2008, 2009 and 2010**
- Focused on standardization and joint resolution of common issues**



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Background – Risk Informed Technical Specifications

- **As part of original COL Application, Luminant requested Risk Informed Technical Specification (RITS)**
 - **NEI 06-09, 4B, Risk Managed TS (RMTS), Allowed outage times**
 - **NEI 04-10, 5B, Surveillance Frequencies**

- **NRC Schedule letter of March 16, 2009, cautioned that completing the review within the proposed schedule was a challenge but the NRC wanted to pursue the review and meet with Luminant in the future to discuss**



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Challenges

- ❑ **NRC has never approved a RITS before the supporting PRA had been accepted.**
- ❑ **The level of PRA needed (per RG 1.200 and regulations) cannot be completed until after COL issued because some as-built information is needed**
- ❑ **ISG-08, based on application of AEA, requires a complete set of Technical Specifications with the COL**
- ❑ **A fully described program (e.g., setpoint methodology) is acceptable if contained in the TS**
- ❑ **Risk Metrics unresolved for new plants**



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Potential Paths Going Forward

- Select some paths to pursue as potential paths for success
- Discuss schedules for each path



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Summary and Conclusion

Don Woodlan

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