

NRC – FFTF Meeting NEI FFTF Input

October 24, 2012



Elements of a Scenario Based Evaluation

- **Description of scenario and key components**
- **Discussion of mitigation actions**
- **Timeline showing necessary components and operator actions**
 - Showing parallel and series activities
 - Laid out against available time
- **Evaluate components against Appendix A**
- **Document component reliability when available**
- **Evaluate actions against Appendix C**
- **Conclude overall reliability of mitigation strategy**

Storm Surge ISG

- **ISG is not very clear regarding what conditions require a storm surge evaluation**
 - **Historical precedent / engineering judgment?**
 - **Further clarification or examples would help**
- **Alternative approach to storm surge is complex and time consuming and may not be usable within the time frame allowed for response to the 50.54(f) letter**
- **No discussion of combined events (e.g., riverine)**

Storm Surge ISG

- Is the “uncertainty” discussed at the end of section 3.1 a statistical uncertainty or uncertainty demonstrated by variation of input parameters
- Bounding surge elevation based on varying PMH size - NWS 23 is supposed to capture a range of values based on meteorological possibilities; why go beyond the values in this document (last paragraph in section 3.2.1.1)

Storm Surge ISG

- **Is there any guidance for determining the effects of debris and water borne projectiles (section 5.6)? Is this different from the approach used for new plants?**

Tsunami ISG

- **Can tsunamis be screened out by engineering judgment for inland sites?**