



RIC 2012
**Regulatory Actions on Extended
Station Blackout Events**

Eric Bowman
NRC/NRR
3/14/2012



Post 9/11

- B.5.b/50.54(hh)(2) Strategies to maintain or restore core cooling, containment, and SFP cooling
 - Localized events
 - Protection of equipment
 - Initiating events considered

2



NTTF Recommendation 4.2

- Reasonably protect equipment
 - Design basis external events
- Increase capacity to multi-unit

3



SECY-11-0124 and -0137

- Stakeholder interactions needed to define reasonable protection
- Recognition of implicit need to expand initiating events
- SRM direction for performance-based approach

4



SECY-12-0025

- Enclosure 4, Proposed Order
 - Separate requirement for strategies
 - Loss of alternating current power
 - Loss of normal access to ultimate heat sink
 - Reasonable protection of equipment
 - Capacity to address multiple strategies at multiple units

5



Schedule

August 2012 – Interim Staff Guidance
October 2012 – Status reports
February 2013 – Integrated plans
December 2016 – Complete implementation

6



Interim Staff Guidance Process

- Purpose of the guidance is to set forth an acceptable means of meeting requirements
- Endorsement of industry guidelines with exceptions, if appropriate
- Federal Register publication for comment

7
