

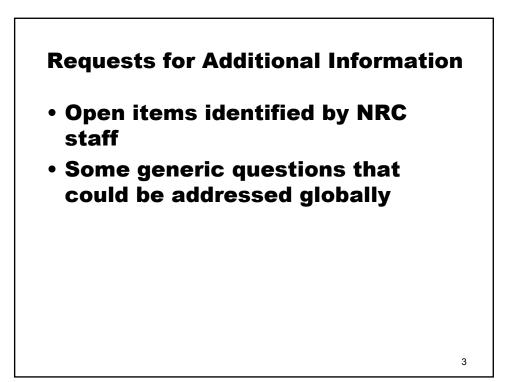
## Mitigating Strategies Integrated Plan Review

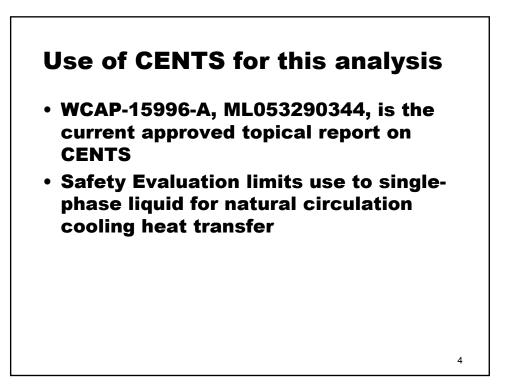
Eric E. Bowman Senior Project Manager Division of Policy and Rulemaking Office of Nuclear Reactor Regulation April 18, 2013

## **Current Status**

- Review in progress, with submittals prioritized by refueling outage schedules
- Many Integrated Plans identify open items
- Requests for additional information in the near term

2



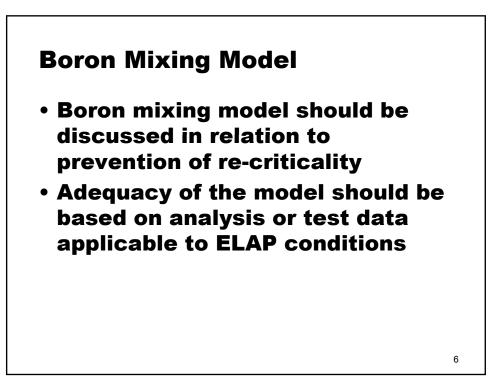


## **RCP Seal Leakage**

• Discussion of how CENTS or other analysis models calculate pressure-dependent RCP seal leakage rates should be included

5

• Seal leakage testing data applicable to plant and ELAP conditions





 Need to justify that code has adequate capability for performing analysis to demonstrate containment integrity during ELAP conditions



- Need additional information concerning important modeling options used in analyses (e.g., twophase level, heat transfer modeling, leakage and its mixing with drywell atmosphere, nodalization, etc.)
- Need additional basis that MAAP code models are capable of adequately modeling core and containment phenomena during ELAP

8

7

## **Battery Duty Cycles > 8 Hrs**

• IEEE 535 clauses 5 and 8.2 would require justification for duty cycles longer than 8 hours for Class 1E batteries

9

ML13094A397 pertains

