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**From:** David Decker  
**To:** Karen Cotton; Lauren Quinones; Michael Ernstes; Scott Shaeffer; Stephen Alexander; Tim McGinty  
**Date:** 09/19/2007 10:07:22 AM  
**Subject:** Re: Final copy Farley AITNRC slides.ppt

The updates you suggest look good to me. Thanks. -David

>>> Stephen Alexander 09/19/2007 10:00 AM >>>

Again, in my view, the short version language will be a bit confusing to laymen. Attached is a suggested version - not longer - not to worry - but simpler language. It reads as follows:

On September 4, 2007

In support of planned maintenance on the 1B component cooling water (CCW) pump, the licensee needed to start another pump.

The Cutler-Hammer breaker for the 1C CCW pump failed to close when the licensee attempted to start the pump.

On September 5, 2007

Since the 1B pump was out of service for maintenance and the 1C breaker had failed to close, the licensee needed to start the remaining CCW pump, the 1A. Upon attempting to start the 1A CCW pump, its Allis-Chalmers breaker failed to close, but, as it turned out, for a un-related reason.

>>> Karen Cotton 09/19/2007 7:36 AM >>>

Thanks,

Karen

**CC:** Mike Franovich; Robert Martin

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Senate Committee on  
Environment and Public Works  
Briefing

September 19, 2007



## NRC Staff

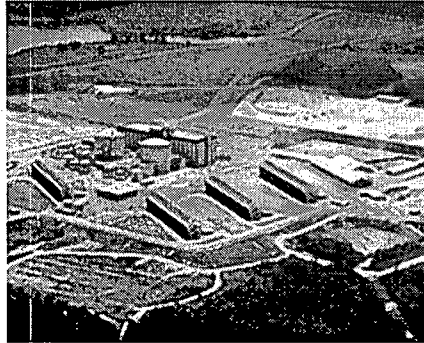
- **Headquarters**
  - David Decker – Congressional Affairs
  - Timothy McGinty – Nuclear Reactor Regulation (NRR), Deputy Director of Division of Operating Reactor Licensing (DORL)
  - Stephen Alexander – NRR, PRA Operations Support; & Maintenance Branch, Augmented Inspection Team (AIT) Member
  - Karen Cotton – NRR, DORL, Joseph M. Farley Nuclear Plant – Project Manager
- **Region II**
  - Scott Shaeffer – Chief, Reactor Projects Branch 2
  - Michael Ernstes – Chief, Training and Development Branch, AIT Leader



## Joseph M. Farley Nuclear Plant

Operator - Southern Nuclear  
Operating Company

- Type - Westinghouse; PWR;  
3-loop
- Units - Two
- Unit 1 - 830 MWt
- Unit 2 - 839 MWt





## History of events

**On May 3, 2007**

- The U.S. Nuclear Regulatory Commission completed a supplemental inspection regarding the Cooling Water Systems.
  - several significant weaknesses were identified regarding:
    - evaluations for repeat safety-related breaker failures
    - the thoroughness of design modification reviews for the installation of new breakers



## History of events

On September 4, 2007

- In support of planned maintenance on the 1B component cooling water (CCW) pump, the licensee needed to start another pump.
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On September 5, 2007

- Since the 1B pump was out of service for maintenance and the 1C breaker had failed to close, the licensee needed to start the remaining CCW pump, the 1A. Upon attempting to start the 1A CCW pump, its Allis-Chalmers breaker failed to close, but, as it turned out, for a un-related reason.



## **Augmented Inspection Team**

- The previous events precipitated the formation of an Augmented Inspection Team
- The team was chartered on September 10, 2007



## Next Steps

- Public Exit Meeting; September 20, 2007 at the site
- NRC will continue to:
  - Confirm root cause analysis and extent of condition
  - Evaluate potential findings or violations
  - Monitor interim and long-term corrective action for the identified breaker problems
- Develop AIT Inspection Report