

NFPA 805  
Lessons Learned  
Oconee Nuclear Station

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# NFPA 805 Lessons

- Oconee showed that NFPA 805 is an excellent fit for the older nuclear stations.
- A good solid Safe Shutdown Analysis documenting deviations with Fire Regulations should be in place to start transition



# NFPA 805 Lessons

- The pilot process was very complicated, time consuming and expensive.
- Document and calculation reviews took much longer than expected due to new program.



# NFPA 805 Lessons

- Oconee required separate Fire PRA models.
- NUREG-6850 turned out to be somewhat conservative, but provided a good foundation to build on.



# NFPA 805 Lessons

- Although further tuning is planned, the Fire PRA's models realistically modeled the plant.
- The process of transition is very manpower intensive

