

# Fort Calhoun Station Transition to National Fire Protection Association (NFPA) 805 Fire Protection Program

January 28, 2009

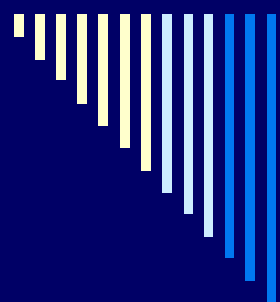
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# Agenda

- Project Overview
  - Plant Impact
  - NFPA 805 & Extended Power Uprate (EPU) Interface
  - Summary
  - Questions/Feedback
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## Project Purpose

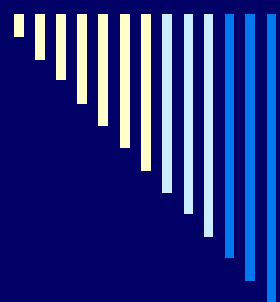
- Transition the OPPD Fort Calhoun Station to the risk informed, performance based NFPA 805 Fire Protection Program using Nuclear Energy Institute (NEI) 04-02 guidance



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## Project Scope

- ❑ Development of a Fire PRA in accordance with industry and regulatory standards
  - ❑ Establishment of licensing basis for NFPA 805 FP Program
  - ❑ Completion of transition report and FCS document revisions
  - ❑ Integrate NFPA 805 & Extended Power Uprate Project
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## Background

- Current license basis of FP Program
- NFPA 805 enhances OPPD Fort Calhoun Station Fire Protection Program
- FCS committed to NFPA 805 Transition on June 9, 2008



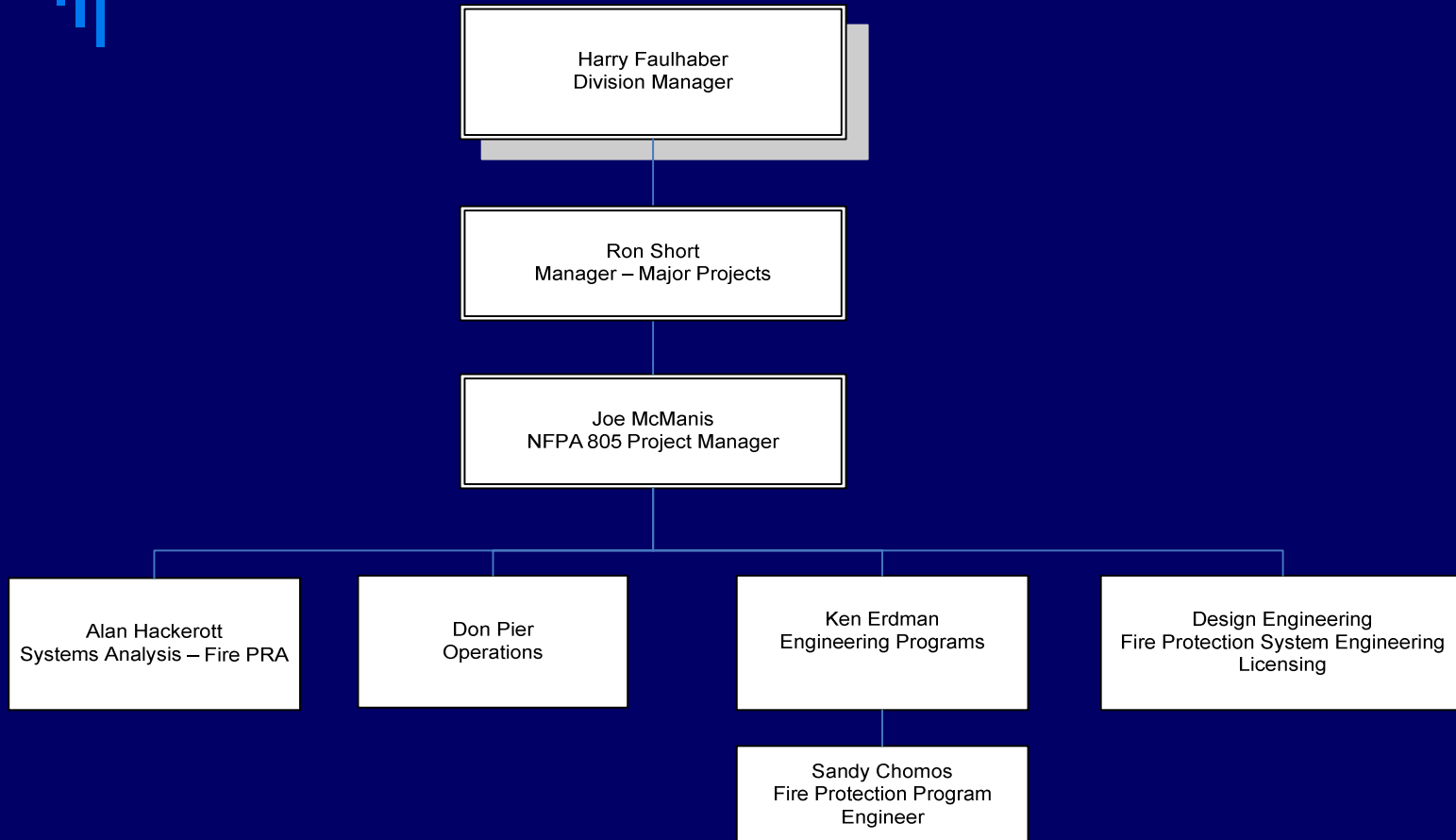
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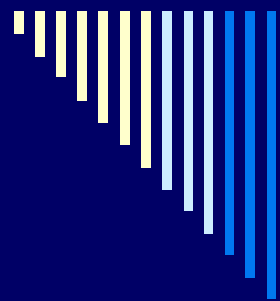
## Project Schedule

- Complete Fire PRA – September 2010
  - Transition Report – April 2011
  - Submit NFPA 805 LAR to NRC – June 9, 2011
  - NFPA 805 LAR approval June 2012
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# Project Management Team





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## Vendor Support Team

- Fire Probabilistic Risk Assessment - Westinghouse
  - NFPA 805 Transition – Engineering Planning & Management (EPM)
  - Supplemental Technical Support
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# Plant Impact

- NFPA 805 Transition Report
  - Development of NFPA 805 Licensing basis
  - Implementation of Fire PRA
  - Revised Operating Procedures
  - Modifications
    - NFPA 805
    - EPU
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## NFPA 805 & EPU Interface

- Develop Fire PRA based on current plant
  - Early identification of cable routing
  - Early Fire PRA insights
    - Recommendations for EPU project
  - Early Safe Shutdown Fire PRA insights
    - NFPA 805 recommendations
  - Potential beneficial modifications for EPU and NFPA 805
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## NFPA 805 & EPU Interface

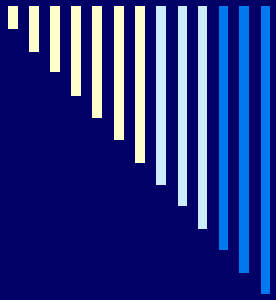
- NFPA 805 and EPU LARs not dependent on each other
  - NFPA 805 LAR submittal will include 2011 plant and EPU modifications
  - Update NFPA 805 program for 2013 plant and EPU modifications
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## Project Summary

- Initiative for risk informed performance based fire protection program
  - NFPA 805 enhances OPPD Fort Calhoun Station Fire Protection Program
  - NFPA 805/EPU integration is risk informed
  - NFPA 805 submittal in June 2011
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# Questions/Feedback