

NFPA 805 NRC Pilot Observation Meeting Harris Project Status

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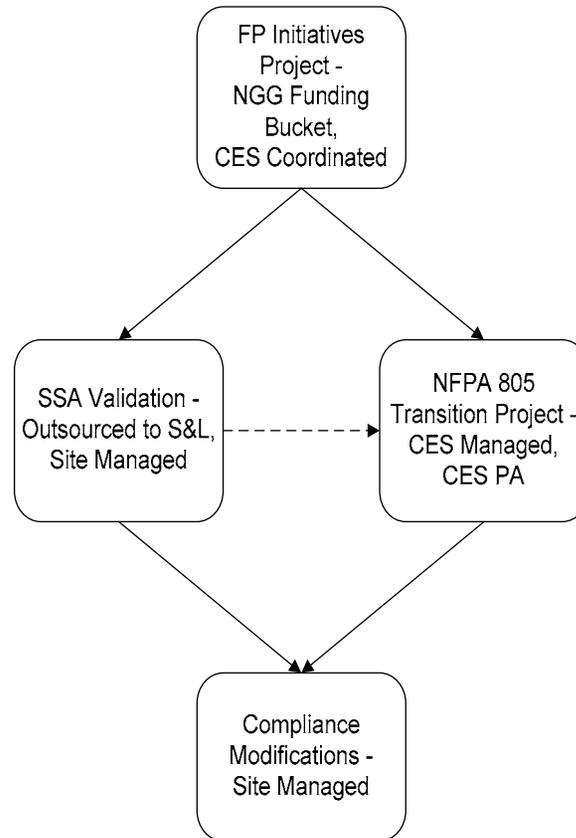
**Charlotte, NC
November 10, 2005**



PE FP Program Initiatives Project Outline

- Provide Fleet Overview of FP Program Initiatives Project and NFPA 805 Transition
- Provide Overview of HNP NFPA 805 Transition
- Provide Brief Discussion on Hemyc/MT Strategy

FP Program Initiatives Project Status - Overview

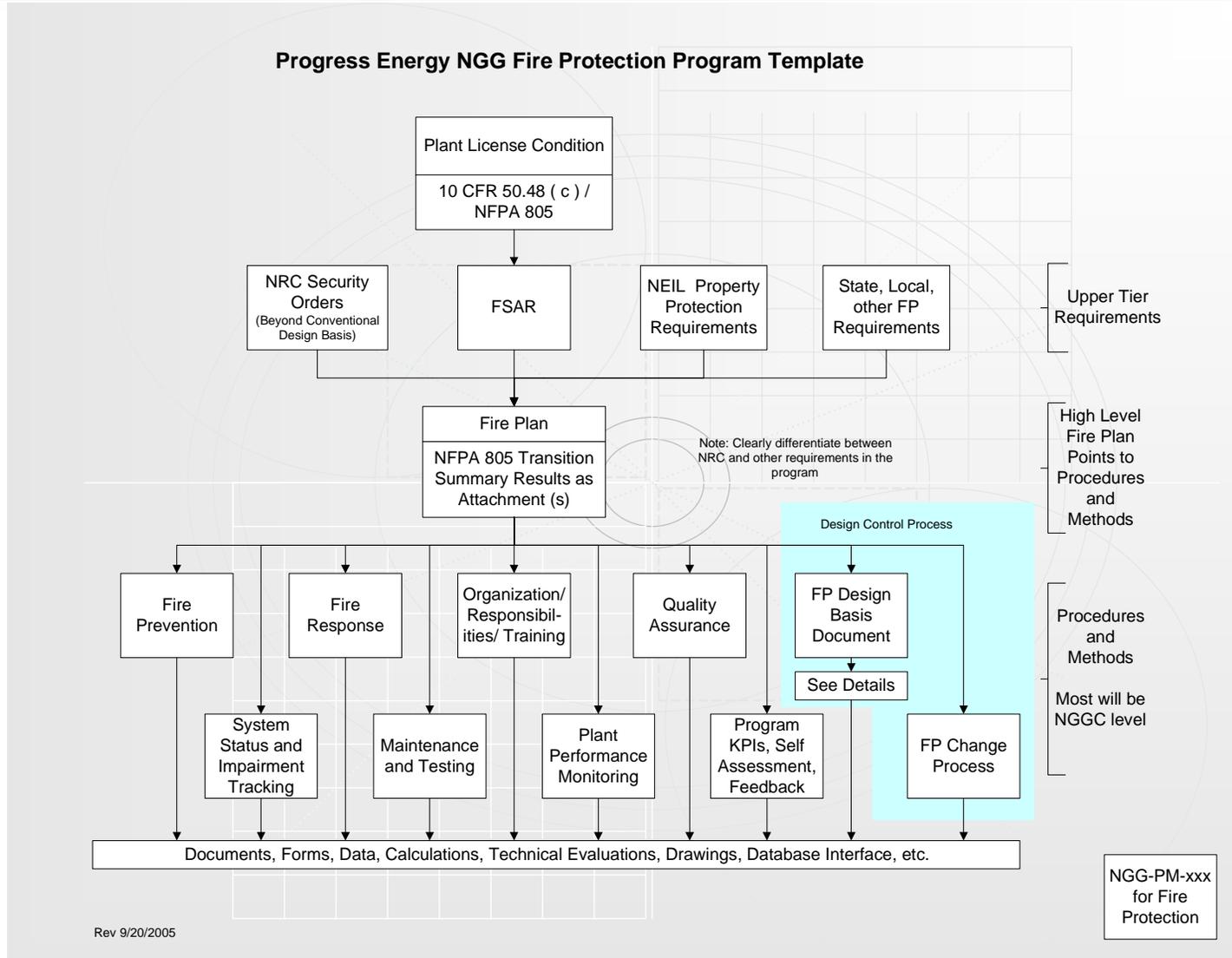


FP Program Initiatives Project

Status - Goals

- Transition to 10CFR50.48(c) / NFPA 805
- Address NRC concerns relative to SSA Circuit Analysis and Manual Operator Actions
- Develop Fire PRAs
- Address Hemyc
- Establish common fleet expectations for the site Fire Protection Programs
- Establish electronic based tools
- Advancement of Fire Protection personnel skill and knowledge
- Establish funding priorities

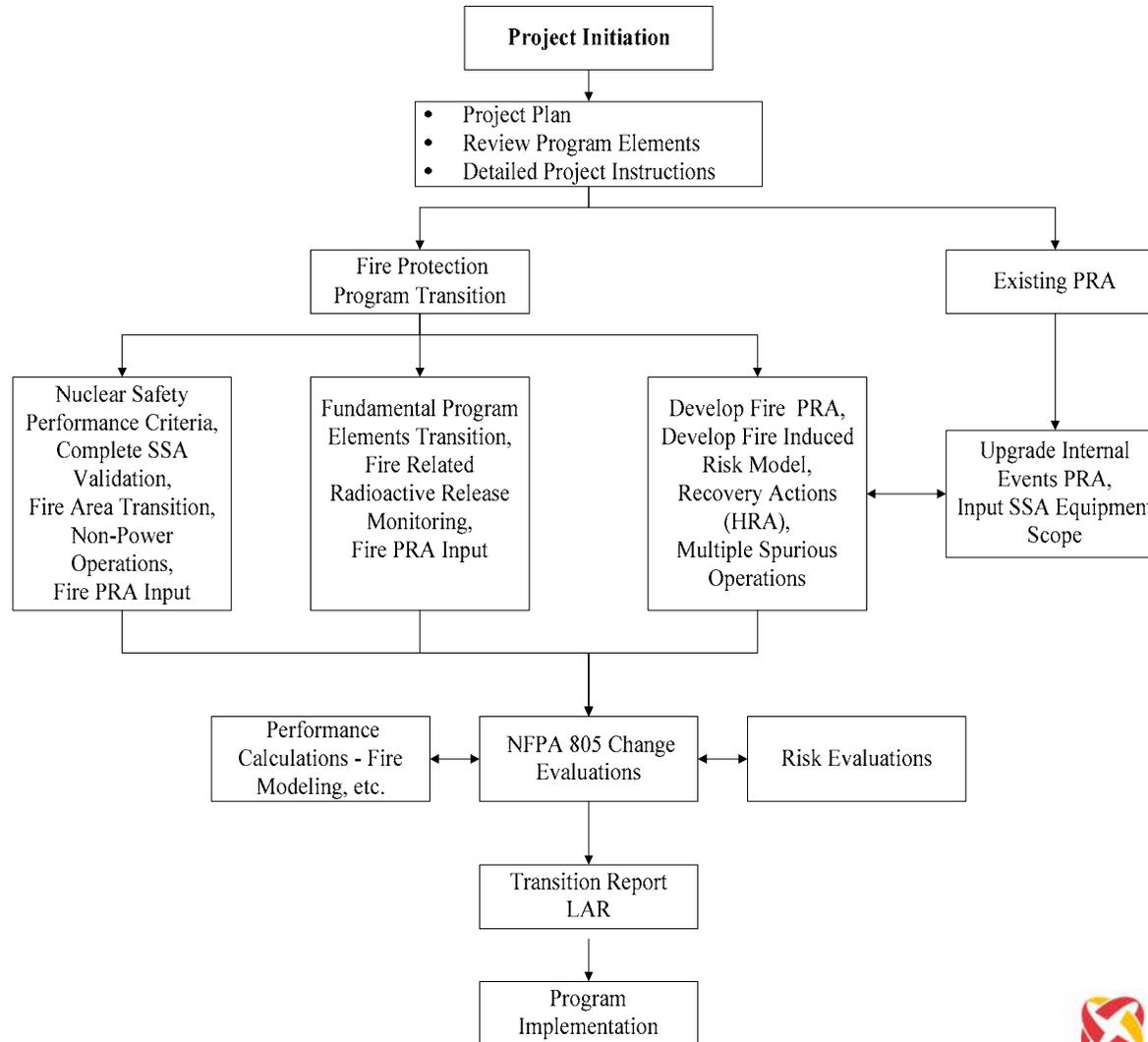
FP Program Initiatives Project Status – Post Transition Program



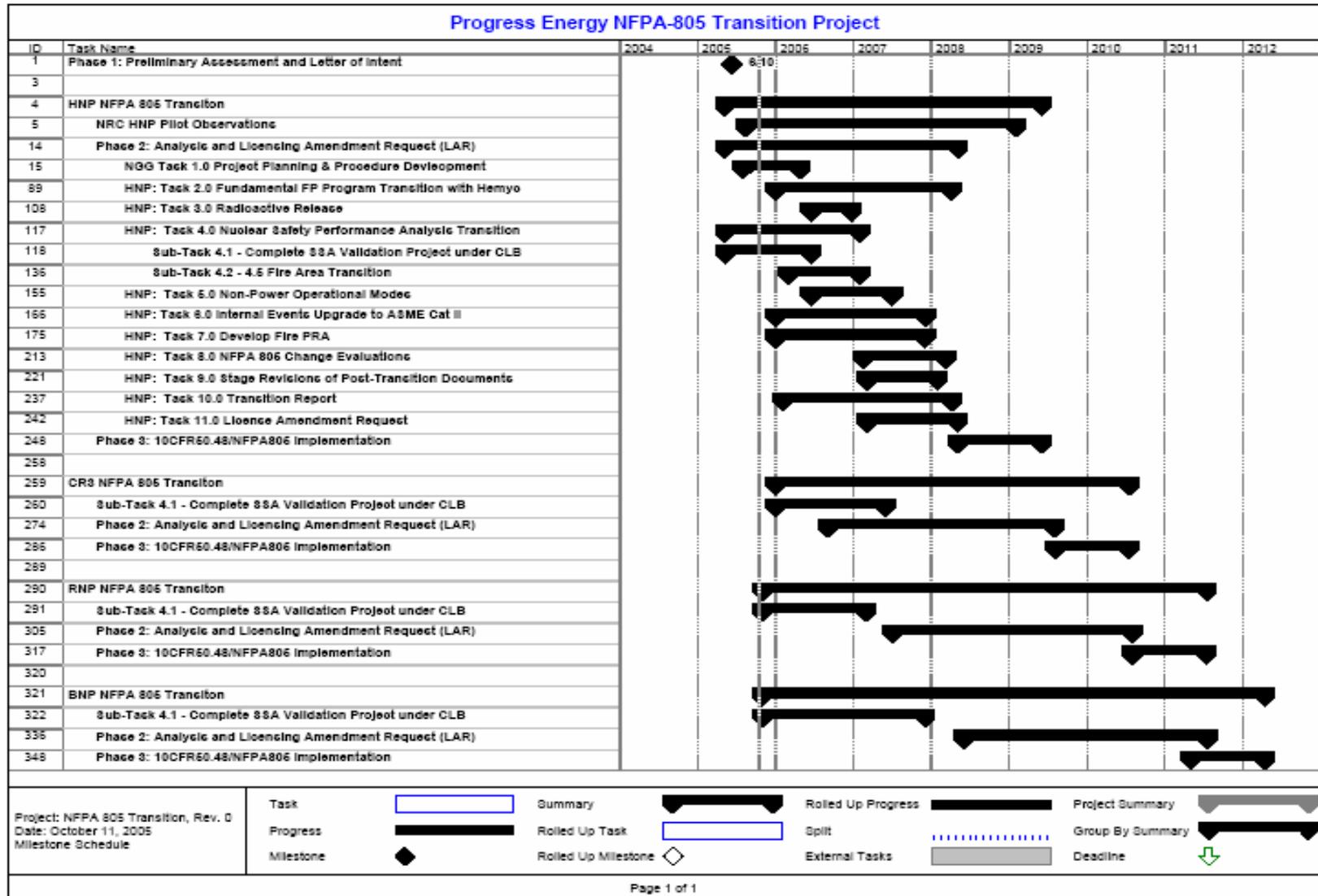
Rev 9/20/2005

Progress Energy

FP Program Initiatives Project Status – NFPA 805 WBS Summary

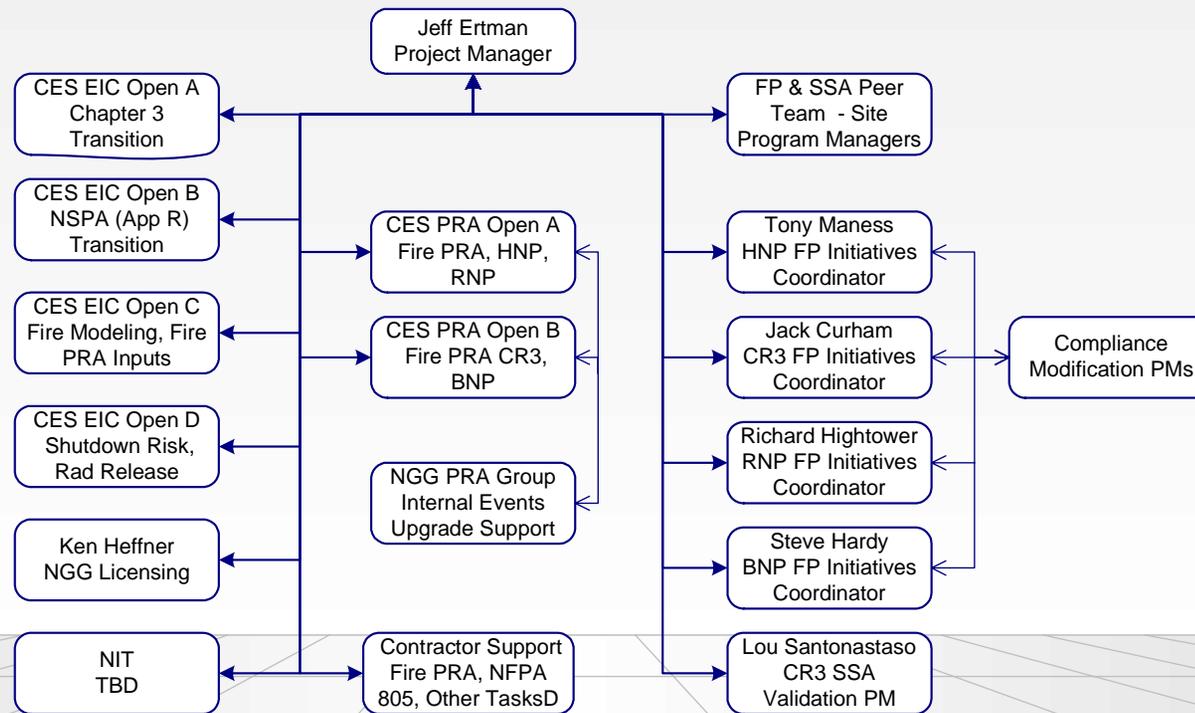


FP Program Initiatives Project



FP Program Initiatives Project Status – NFPA 805 Organization

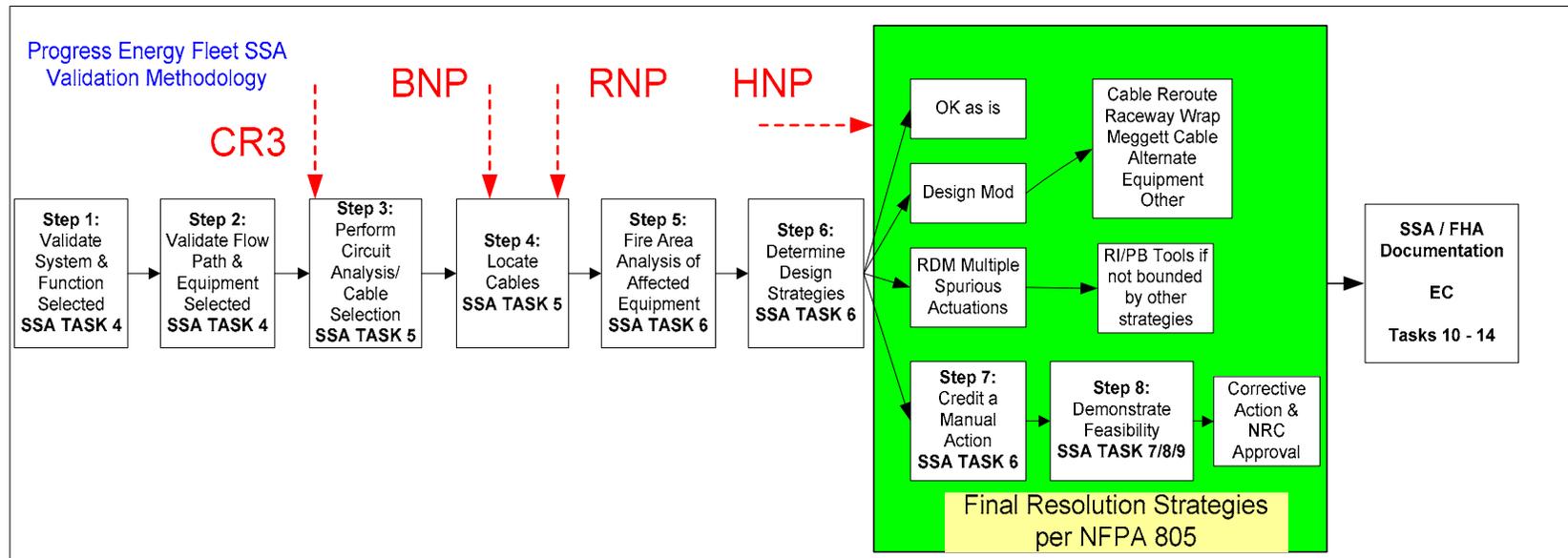
FP Initiatives Core Team Organization and CES Assignments



Related activities to coordinate with this project:

- FP NGG Program Process
- Security Orders
- Site Funded Projects (e.g. BNP detection, CR3 FP System Upgrades)

NFPA 805 Pilot Observation Meeting PE Status SSA Validation Schedule



FP Program Initiatives Project Status – HNP SSA

- Safe Shut Down Validation Project:
 - ▶ Task 1 – 5 Completed
 - ▶ Task 6, Fire Area Compliance
 - ▶ Task 7 – 9, Manual Action Feasibility
 - ▶ Task 10 – 14
 - ◆ Develops EC That Contains:
 - ▼ Revised SSA calculation
 - ▼ FHA documentation
 - ▼ Revised Procedure
 - ▶ New SSA Implemented

FP Program Initiatives Project Status – HNP SSA

- Resolving Deficiencies
 - Potential Modifications
 - ◆ Resolution Strategies
 - ▼ Aggregate Effects
 - ◆ NFPA 805
 - ▼ Risk Impacts
 - Hemyc/MT Issue

FP Program Initiatives Project Status - HNP

- NFPA 805 Project - HNP
 - Phase One
 - ◆ Issue Letter of Intent - Complete
 - Phase Two
 - ◆ Analysis and Licensing Amendment Request
 - Phase Three
 - ◆ 10CFR 50.48 (c)/NFPA 805 Implementation

FP Program Initiatives Project Status - HNP

- Phase Two
 - ▶ Eleven Individual Tasks
 - ▶ 2005 -2006 Key Tasks
 - ◆ Project Planning & Procedure Development
 - ◆ Fundamental FP Program Transition with Hemyc
 - ◆ Nuclear Performance Analysis (SSA) Transition
 - ◆ Fire PRA

FP Program Initiatives Project

HNP Hemyc/MT Strategy

- NRC Generic Letter
- Funding
- Phase 1- Establish Barrier Worth
- Phase 2- Evaluate using NFPA 805 process
- Phase 3- Post 805 Modifications

NFPA 805 Pilot Observation Meeting

Key Pilot Interactions

- NSPA (SSA) Transition - Comparison to NEI 00-01
 - ▶ Multiple circuit failures
 - ▶ *Recovery Action evaluations T-H & HRA*
- *Chapter 3 Transition*
- *Internal Events PRA / Fire PRA – Early Tasks*
- Fire Modeling
- Radioactive release during firefighting activities
- Non-power operations
- **RI change evaluation process**
- Fire Protection Performance Monitoring
- **Tracking of FP deficiencies for resolutions under NFPA 805 / Enforcement Discretion**