



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 14, 2011

LICENSEE: DUKE ENERGY CAROLINAS, LLC (DUKE)
FACILITY: CATAWBA NUCLEAR STATION, UNITS 1 AND 2 (CATAWBA 1 AND 2), AND
MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 (MCGUIRE 1 AND 2)
SUBJECT: SUMMARY OF MARCH 23, 2011, MEETING WITH DUKE ON UPCOMING
SUBMITTAL OF LICENSE AMENDMENTS REGARDING IMPLEMENTATION
OF NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 805 (NFPA-
805) (TAC NOS. ME5767 AND ME5768, CATAWBA 1 AND 2; ME5769 AND
ME5770, MCGUIRE 1 AND 2)

On March 23, 2011, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Carolinas, LLC (Duke, the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss Duke's plans for upcoming license amendment requests to implement NFPA-805 at Catawba 1 and 2 and McGuire 1 and 2. A list of attendees is provided as Enclosure 1.

The licensee presented information (See Enclosure 2) on the status of license amendment submittals to implement NFPA-805 for McGuire 1 and 2 and Catawba 1 and 2. The licensee provided a detailed presentation of the components of the license amendment request (LAR) for McGuire 1 and 2, currently scheduled for submittal on June 29, 2011, and a summary level discussion of the LAR for Catawba 1 and 2, now scheduled for Summer 2012. The licensee also discussed the impact of NFPA-805 implementation at Oconee Nuclear Station, Units 1, 2, and 3 (Oconee 1, 2, and 3) on licensing activities for NFPA-805 at Catawba 1 and 2 and McGuire 1 and 2.

During the discussion of McGuire 1 and 2, the NRC staff asked about the scope of issues associated with implementing NFPA-805 at McGuire 1 and 2 versus the effort to do the same at Oconee 1, 2, and 3. The licensee responded that one of the main differences was the increased number of fire areas at McGuire 1 and 2. The NRC staff asked if there would be the same license conditions at McGuire 1 and 2 and Catawba 1 and 2 as there were in the license amendment for Oconee 1, 2, and 3. The licensee replied that there would not be the same licensee conditions. The NRC staff also asked several more questions about page 5 of the meeting handouts which presented the process for developing the LAR for McGuire 1 and 2.

Duke

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Members of the public were in attendance. Public Meeting Feedback forms were not received. Please direct any inquiries to me at 301-415-1119, or jon.thompson@nrc.gov.

A handwritten signature in black ink that reads "Jon Thompson". The signature is written in a cursive, flowing style.

Jon Thompson, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-413, 50-414,
50-369, and 50-370

Enclosures:

1. List of Attendees
2. Licensee's Handout

cc w/encls: Distribution via Listserv

LIST OF ATTENDEES

MARCH 23, 2011, MEETING WITH DUKE ENERGY CAROLINAS (DUKE), LLC
REGARDING UPCOMING SUBMITTAL OF LICENSE AMENDMENTS FOR
IMPLEMENTATION OF NATIONAL FIRE PROTECTION ASSOCIATION
STANDARD 805 (NFPA-805)

Name	Organization
J. Thompson	Nuclear Regulatory Commission (NRC)
T. Basso	Nuclear Energy Institute
A. Driver	Duke
K. Ashe	Duke
D. Goforth	Duke
J. Paige	NRC
H. Barrett	NRC
A. Klein	NRC
P. Lain	NRC
D. Harrison	NRC
J. Robinson	NRC
S. Dinsmore	NRC
D. Pickett	NRC
S. Lee	NRC
G. Kulesa	NRC
A. Afzali	Southern Nuclear Operating Company (SNC)
R. Hart	Duke
W. Cross	NEXtera Energy
V. Rubano	NEXtera Energy
S. Dolcemascolo	Southern California Edison (SCE)
G. Chung	SCE
B. Richter	SCE
P. Grissom	SNC
R. Gladney	SNC



Fire Protection
License Amendment
NFPA 805
National Fire Protection Association

Duke Energy Updates

David Goforth

March 23, 2011

Enclosure 2

Introductions

NFPA 805
Fire Protection Project



- David Goforth – NFPA 805 Technical Manager
- Adrienne Driver – Catawba Nuclear Station (CNS) Regulatory Compliance Engineer
- Randy Hart – CNS Regulatory Compliance Manager
- Ken Ashe – McGuire Nuclear Station (MNS) Regulatory Compliance Manager

Agenda

NFPA 805
Fire Protection Project

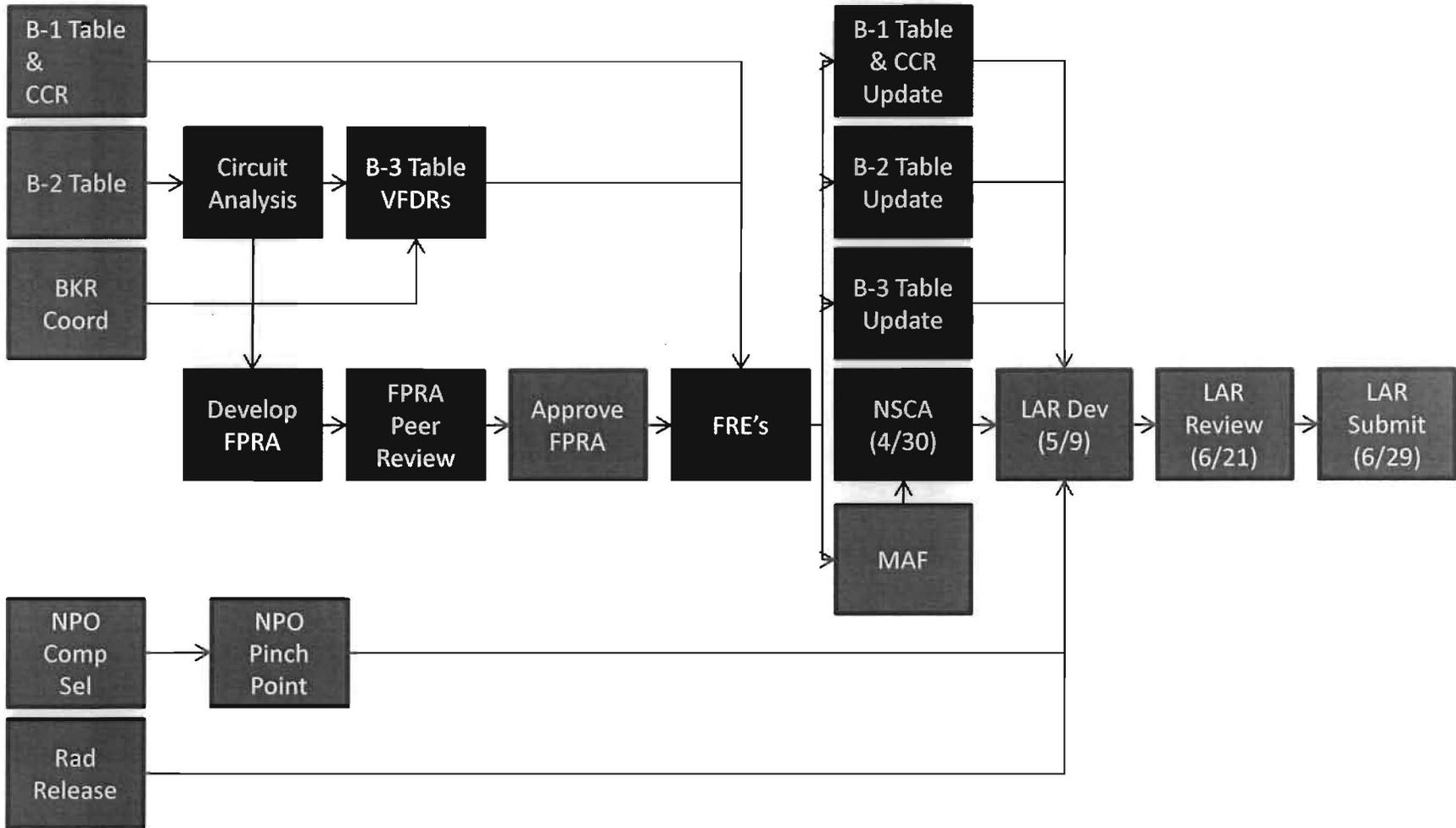


- MNS NFPA 805 Status
- CNS NFPA 805 Status
- ONS NFPA 805 Status
- Duke Energy NFPA 805 LAR Request



- **Traditional Fire Protection**
- **Nuclear Safety Capability Assessment (NSCA)**
- **Fire Probability Risk Assessment (FPRA)**
- **Non-Power Operations**
- **Radioactive Release**
- **NFPA 805 LAR**

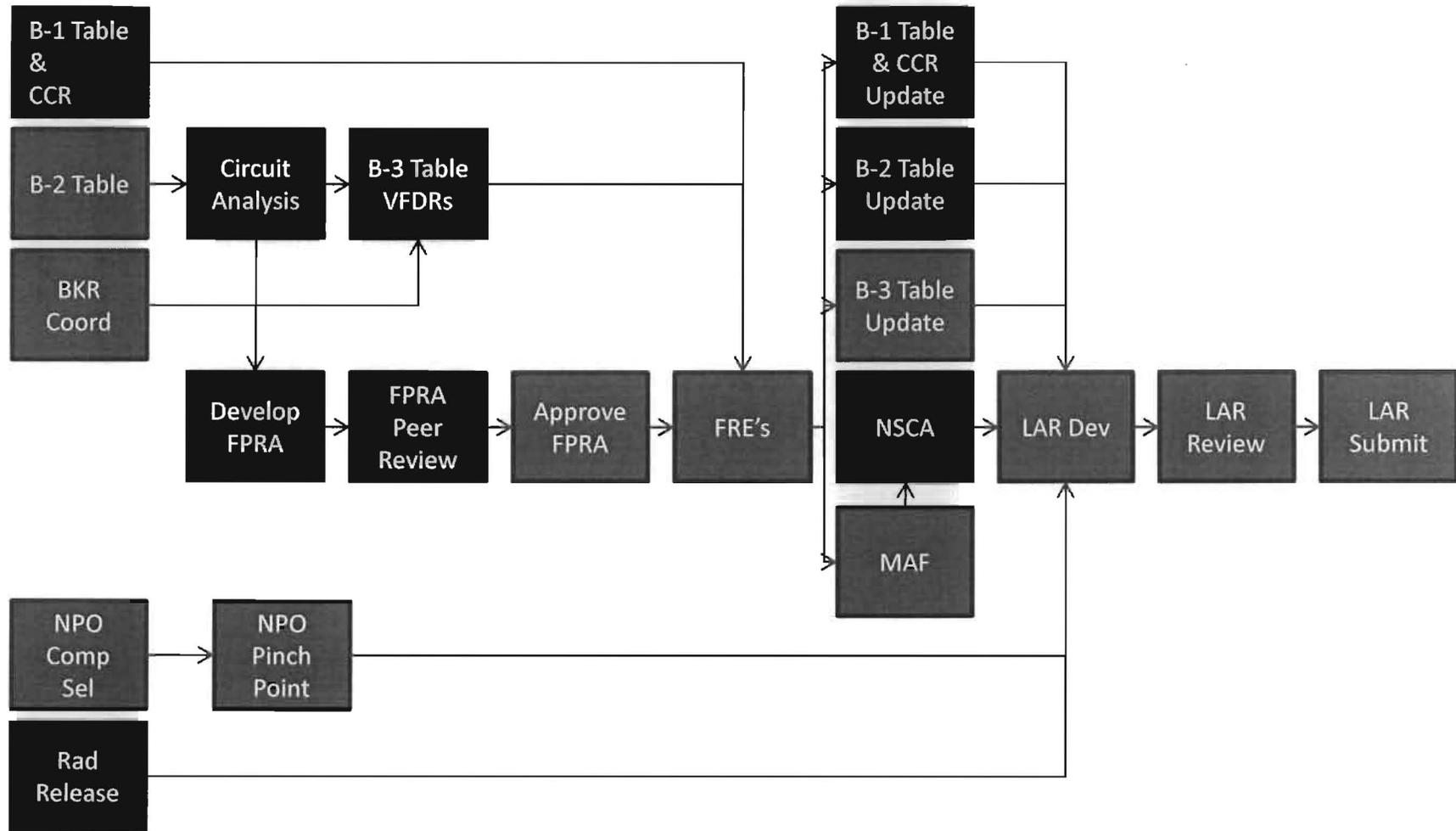
MNS Status



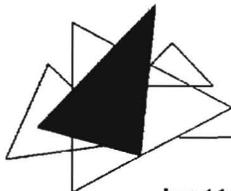


- **Traditional Fire Protection**
- **Nuclear Safety Capability Assessment (NSCA)**
- **Non-Power Operations**
- **Radioactive Release**
- **NFPA 805 LAR**

CNS Status

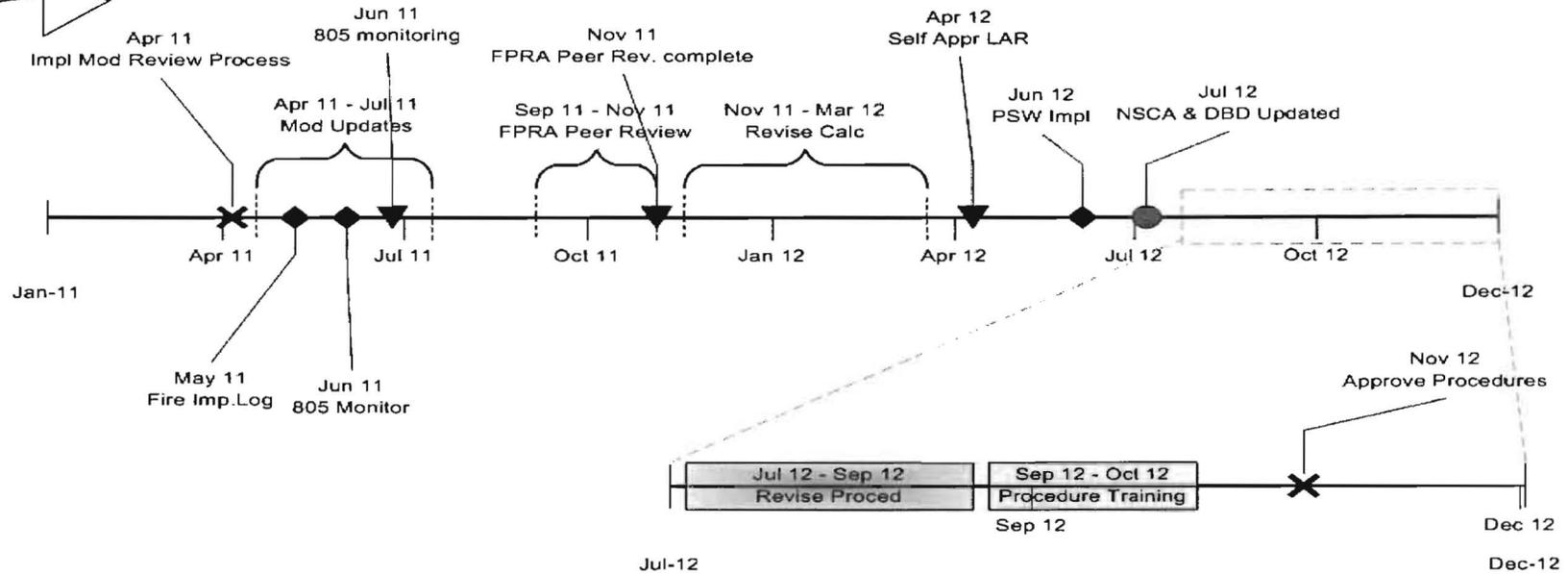


ONS Status



ONS HIGH LEVEL TIMELINE

Monday, January 31, 2011



FPRA RESOURCE AVAILABILITY (Critical Path)

NFPA 805
Fire Protection Project



Scheduling Insights

NFPA 805
Fire Protection Project



- Completed CNS and MNS FPRA Peer Reviews
- ONS RAI and SE period required realignment of FPRA resources to ONS
- Every effort is being made to submit the MNS NFPA 805 LAR by June 29, 2011. IN 11-01 is pulling much needed resources from the project.
- FPRA resources are not available to complete a CNS NFPA 805 LAR by June 29, 2011
- Request staggered submittal of the CNS NFPA 805 LAR to Summer 2012



- All previous fire protection program findings have been addressed
- NFPA 805 VFDR's identified in all Fire Areas that have been reviewed (~ half the F/A's have been reviewed)
- For those VFDR's that have been reviewed, compensatory actions in place as needed for outstanding VFDR's that violate the current license basis (NUREG 0800)



OPEN ITEMS

1. 1(2)NV-202B or 1(2)NV-203A may affect credited train NV Pump
2. Hemyc fire wrap may not provide one hour fire barrier
3. Missing 8-hour lighting to and at control stations used for Control Room evacuation
4. Cables from SSF Battery to 2KSI are routed through Unit 2 Battery Room which is SSF SSD Area
5. Potential 92-18 Valve Issues

RESOLVED ITEMS

1. Improper Breaker Coordination could result in loss of 1(2)EDF : PIP C-07-2458.
2. Improper Breaker Coordination could result in loss of 1(2)EPD : PIP C-07-2458.
3. 1(2)NV-188A or 1(2)NV-189B may affect credited train NV Pump

SUMMARY

NFPA 805
Fire Protection Project

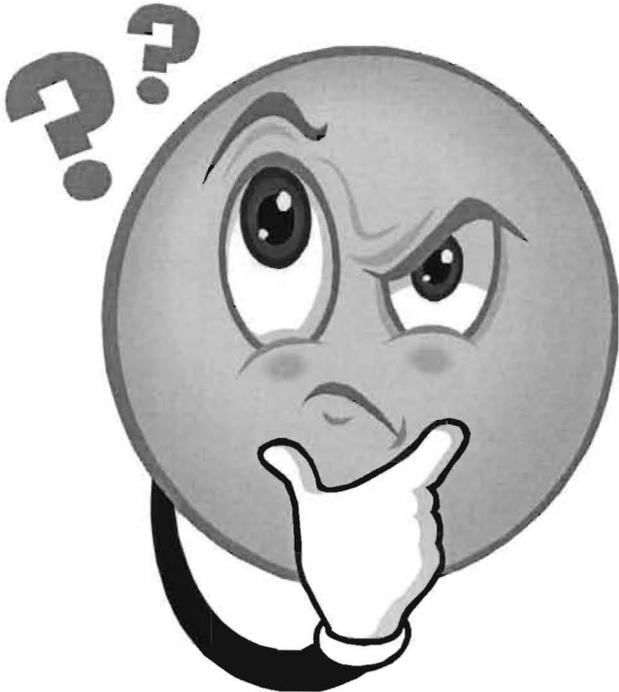


- ONS Implementation Period to be completed by January 1, 2013
- MNS NFPA 805 LAR to be submitted on June 29, 2011
- Request CNS NFPA 805 LAR due date be extended to the summer of 2012

Questions

NFPA 805

Fire Protection Project



Duke

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/RA/

Jon Thompson, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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DISTRIBUTION:

PUBLIC	RidsOgcRp Resource	JRobinson, NRR
LPL2-1 Reading File	RidsRgn2MailCenter Resource	SDinsmore, NRR
RidsAcrsAcnw_MailCTR Resource	CSteger, NRR	SLee, NRR
RidsNrrDorLpl2-1 Resource	AKlein, NRR	GKulesa, NRR
RidsNrrPMCatawba Resource	HBarrett, NRR	JPaige, NRR
RidsNrrPMMcGuire Resource	PLain, NRR	DPickett, NRR
RidsNrrLAMO'Brien Resource	DHarrison, NRR	NSanfilippo, EDO Region 2

ADAMS Accession No. ML11097A027

OFFICE	DORL/LPL2-1/PM	DORL/LPL2-1/LA	DORL/LPL2-1/BC	DORL/LPL2-1/PM
NAME	JThompson	MO'Brien	GKulesa (PBoyle for)	JThompson
DATE	04/13/11	04/13/11	04/14/11	04/14/11

OFFICIAL RECORD COPY