



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

June 1, 2015

MEMORANDUM TO: Robert J. Pascarelli, Chief  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: G. Edward Miller, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

A handwritten signature in black ink, appearing to read "G. Edward Miller", written over the typed name in the "FROM:" field.

SUBJECT: SUMMARY OF MAY 13, 2015, PUBLIC TELECONFERENCE REGARDING POTENTIAL SUBMISSION OF A LICENSE AMENDMENT REQUEST FOR A ONE-TIME EXTENSION OF COMPLETION TIME FOR NUCLEAR SERVICE WATER SYSTEM

On May 13, 2015, the U. S. Nuclear Regulatory Commission (NRC) staff held a public teleconference<sup>1</sup> with the Duke Energy Carolinas (Duke or licensee). The purpose of the meeting was to discuss Duke's intent to submit a license amendment request (LAR) for a one-time extension of the completion time for one train of the Nuclear Service Water System.

During the meeting, Duke presented slides<sup>2</sup> that detailed the planned maintenance and discussed the information to be included in the LAR. After the licensee presented the slides, the NRC staff provided the following feedback. A list of attendees is provided in the enclosure.

Slide 2

- Provide detailed drawings for the ultimate heat sink (UHS) and NSWS
- Describe the Modes of applicability for the change
- Provide the current technical specification Bases for the NSWS and UHS

Slides 6 and 7

- Describe expected maintenance evolution and criteria for termination

Slide 8

- Address water hammer for the piping that has been dewatered
- Provide detail of the pipe manway and its restoration
- Describe where the pipe contents will be flushed with respect to debris clogging
- Describe the post-maintenance acceptance testing
- Address leakage from the flange at the intake

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<sup>1</sup> The original meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15118A479.

<sup>2</sup> The licensee's slides are available under ADAMS Accession No. ML15132A064.

Slide 11

- Address all associated weather that could impact the maintenance evolution including the time needed to secure the activity as compared to warning time

Slides 12 and 13

- Address the plant status with respect to Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.65(a)(4) during the evolution
- Provide any recent dam inspection results
- Address foreign materials control
- Provide detail on the closure procedure for the pipe access

Slide 14

- Ensure the licensing basis of utilizing the intake crosstie is clearly described

Slides 18 and 19

- Ensure that continued compliance with 10 CFR Part 73

Slides 20 and 21

- Address what equipment will be considered protected during the evolution
- Address the risk associated with external events during the evolution

No regulatory decisions were made and the licensee indicated that they would consider the feedback provided by the NRC staff. The licensee indicated that the LAR would likely be submitted and request approval by November. The NRC staff noted that once the LAR was received, they would review the workload and evaluate what schedule was feasible.

Following the discussion, an opportunity was afforded to any other participants who wished to ask questions or make comments. No questions or comments were received.

CONTACT: G. Edward Miller, NRR/DORL/LPL2-1  
301-415-2481

Enclosure:  
List of Attendees

# Sign In Sheet

## Pre-Application Meeting for NSWS LAR

DATE: May 13, 2015

Name	Organization
FD MILLER	NRR/DORL/LPL2-1
GREG CASTO	NRR/DSS/SBFB
ROB ELLIOTT	NRR/DSS/STSB
LARRY WHEELER	NRR/DSS/SBFB
CAROLINE TILTON	NRR/DSS/STSB
GEORGE MURPHY	DUKE
JEFF ROBERTSON	DUKE
TERRY PEDERSON	DUKE
MICHAEL RICHARDSON	DUKE
KEITH OWENSBY	DUKE
BRYAN CARROLL	DUKE
ROB ISBELL	DUKE
JARRED PITMAN	DUKE
STEVE MCCOY	EPM

Enclosure

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RElliott, NRR/DSS  
GCasto, NRR/DSS

ADAMS Accession No.: ML15138A339

\* Concurrence via e-mail

OFFICE	DORL/LPL2-1/PM	DORL/LPL2-1/LA	DSS/SBPB	DS/STSB	DORL/LPL2-1/BC
NAME	GEMiller	SFigueora	LWheeler*	CTilton*	RPascarelli
DATE	05/21/15	05/20/15	05/20/15	05/28/15	06/01/15