



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

February 16, 2012

LICENSEE: Duke Energy Carolinas, LLC

FACILITY: Oconee Nuclear Station, Units 1, 2, and 3

SUBJECT: SUMMARY OF JANUARY 18, 2012, MEETING WITH DUKE ENERGY CAROLINAS, LLC, TO DISCUSS ONGOING MAJOR PROJECTS AT OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3 (ONS 1/2/3)

On January 18, 2012, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Duke Energy Carolinas, LLC (the licensee) at the Oconee Nuclear Station, World of Energy, 7812 Rochester Highway, Seneca, South Carolina.

The purpose of the meeting was to provide for the NRC the status of the ongoing major projects at the Oconee Nuclear Station, Units 1, 2, and 3 (ONS 1/2/3). A list of attendees is enclosed.

The licensee presented information (See the licensee's handouts at Agencywide Documents Access and Management System (ADAMS) Accession No. ML12017A092).

The licensee presented a summary of the status of the following major projects which are ongoing at ONS 1/2/3:

- Digital Reactor Protective System (RSP) and Engineered Safeguards (ES) system
- National Fire Protection Association (NFPA) Standard 805 Transition
- Natural Phenomena Barrier System (NPBS)
- Protected Service Water (PSW) system
- Installation of Main Steam Isolation Valves (MSIVs)

The licensee is currently replacing the existing RPS and ES systems in all three Oconee units with new state of the art digital systems. These systems are used to automatically safely shutdown the reactors and maintain the reactors in a safe and stable condition. During the meeting the licensee indicated that the new RSP and ES systems had been installed, and are operational in Unit 1 (performed during the spring 2011 refueling outage). The licensee is preparing to install the systems in Unit 3 during the spring 2012 refueling outage, followed by installation at Unit 2 during the spring 2013 refueling outage.

ONS 1/2/3 was one of two pilot plants that are in the process of transitioning to NFPA 805 for compliance with the NRC fire protection regulations, Title 10 of the *Code of Federal Regulations*, Part 50, Section 50.48. The NRC staff completed its review of the license amendment request requesting approval of the transition, and issued the license amendments approving the transition on December 29, 2010 (ADAMS Accession No. ML103630612). The licensee indicated during the meeting that they are currently completing all modifications required by the license amendments, and will be in full compliance with NFPA 805 by December 2012.

The licensee has upgraded the Oconee site by installing an NPBS. The NPBS provides additional protection to structures, systems, and components that are necessary to safely shutdown the reactors following high winds or a tornado. During the meeting, the licensee stated that the installation of the entire system had been completed in August 2011, and was now fully operational. This upgrade gives the Oconee site additional protection against high winds and tornados.

The licensee will be installing new MSIVs for all three Oconee units. The MSIVs will provide additional margin to ensure high energy line breaks (HELBs) can be mitigated. During the meeting, the licensee indicated that the initial scope of the MSIVs installation has been completed, the MSIV have been ordered from a vendor, and a detailed scope for the MSIVs installation is being developed. The licensee's current schedule for installing the MSIVs is as follows:

- Unit 1 - 2014
- Unit 2 - 2015
- Unit 3 - 2016

The licensee is in the process of installing a new PSW system. The PSW system is a diverse system to other plant systems for the mitigation of fires, high energy line breaks (HELBs), and tornados. The PSW system consists of new electrical power supplies for existing plant safety systems, as well as new pumps to remove decay heat from the reactor coolant system once the reactor is shutdown, if the normal plants systems are not available. The installation of the PSW system will reduce the overall plant risk in the event of a fire, HELB, or a tornado at the Oconee site. During the meeting the licensee indicated that they are on schedule for the completion of the PSW system in July of 2012.

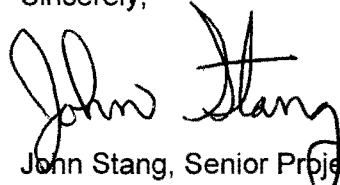
Members of the public were in attendance at the meeting. Public Meeting Feedback forms were made available to the public. As of the date of this meeting summary, no comments have been received. If comments are received at a later date, they will be forwarded to the NRC Office of Nuclear Reactor Regulation, Senior Communications Analyst, who will forward them to the NRC Office of the Executive Director for Operations.

The public portion of the meeting concluded with one question from a member of the public. The NRC addressed the question. The NRC and the licensee continued with the non-public portion of the meeting. This portion of the meeting was closed to the public because sensitive security related information was discussed.

- 3 -

If you have any questions, please call me at 301-415-1345.

Sincerely,

A handwritten signature in black ink, appearing to read "John Stang". The signature is fluid and cursive, with the first name "John" and last name "Stang" clearly distinguishable.

John Stang, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

Enclosure:
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

JANUARY 18, 2012, MEETING WITH DUKE ENERGY CAROLINAS, LLC

TO DISCUSS ONGOING MAJOR PROJECTS AT

OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3

NRC

Eric Leeds
Victor McCree
William Ruland
Allen Howe
Michael Cheok
Nancy Salgado
Jonathan Bartley
John Stang
Andrew Sabisch
Kevin Ellis
Melana Singletary

DUKE ENERGY

Dhaa Jamil
Bill Pitesa
Preston Gillespie
Dave Baxter
Dan McRainry
Scott Batson
Bob Guy
Scott Lynch
Chris Noland
Terry Patterson
Richard Freudenberger
Thomas Ray
Dean Hubbard
Kent Alter
Sherri Western
Ann Duckett
David Haile

MEMBERS OF THE PUBLIC

Rick Lecler
Ben Turetzky
Michael Spradlin
Dick Mangrum
Anna Mitchell
Emily Pace
Ross Deaver
Bob Swank
John Hester
Judy Peables
Tom Peables
Anna Simon

If you have any questions, please call me at 301-415-1345.

Sincerely,

/RA/

John Stang, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

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ADAMS Accession No. PKG ML12024A002 Meeting Notice ML12006A050
Meeting Summary ML12023A239 Handouts ML12017A092

OFFICE	DORL/LPL2-1/PM	DORL/LPL2-1/LA	DORL/LPL2-1/BC	DORL/LPL2-1/PM
NAME	JStang	SFiguroa	NSalgado (JThompson for)	JStang
DATE	02/16/12	02/16/12	02/16/12	02/16/12

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