



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

May 6, 2013

LICENSEE: Duke Energy Carolinas, LLC

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

SUBJECT: SUMMARY OF APRIL 9, 2013, MEETING WITH DUKE ENERGY CAROLINAS, LLC, TO DISCUSS THE REEVALUATION OF EXTERNAL FLOODING FOR OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3

On April 9, 2013, a Category 1 public meeting was held among staff from the U.S. Nuclear Regulatory Commission (NRC) and the Federal Energy Regulatory Commission (FERC) and representatives of Duke Energy Carolinas, LLC (Duke or the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. A list of attendees is enclosed. Additional people participated by teleconference. The purpose of the meeting was to allow the licensee to discuss the methods that would be used to respond to the NRC's request for a reevaluation of external flooding at the Oconee Nuclear Station. This reevaluation was requested of all commercial power reactors as part of the NRC's Fukushima lessons-learned process, as stated in an NRC letter dated March 12, 2012, Agencywide Documents Access and Management System (ADAMS) Accession No. ML12053A340.

The licensee's presentation is found in the meeting slides (ADAMS Accession No. ML13095A213). The licensee also submitted a flood hazard reevaluation report to the NRC on March 12, 2013 (ADAMS Accession No. ML13079A227). A public meeting between the NRC staff and the licensee to discuss that report was held on March 25, 2013. The preliminary conclusions from the flood hazard reevaluation report indicate that either of two events, local intense precipitation or the failure of an upstream dam (the Jocassee Dam), will require the licensee to also submit the integrated assessment report. The NRC's typical schedule is for licensees to submit the integrated assessment report within two years of the flood hazard evaluation report, but the licensee reported that they will be submitting the integrated assessment report later this year in order to stay on schedule with actions that were previously committed to the NRC for external flooding at Oconee Nuclear Station, including actions in response to the NRC's confirmatory action letter on the flooding hazard at the Oconee Nuclear Station.

In this meeting the licensee discussed their current schedule. Duke is requesting NRC review and approval of the flood hazard reevaluation report by June 2013, as it provides a basis for the future integrated assessment report. The NRC staff stated that they are preparing a contract for an independent review of the dam breach parameters in the report, and that the contractor must also be accepted by FERC, which has regulatory authority over the Jocassee Dam. The NRC staff stated that they would issue a safety assessment of the flood hazard reevaluation report when their review is completed. Duke has a target date of October 2013 for submittal of the integrated assessment report to the NRC, and Duke requested NRC review and approval by

February 2014. The licensee stated that they needed the NRC's approval in order to provide a basis for the design of modifications for the plant site.

The licensee will follow the NRC interim staff guidance on preparing the integrated assessment report, which is found in JLD-ISG-2012-05, "Guidance for Performing the Integrated Assessment for External Flooding," dated November 30, 2012, ADAMS Accession No. ML12311A214. Appendix B of that document requires a peer review of the final integrated assessment report. Duke stated that they have already formed a peer review team of three people, and are involving them in the process early so they will have the time to perform a comprehensive review.

The licensee has requested to continue to have periodic meetings with the NRC staff in order to quickly resolve any items that may affect the timeliness of the integrated assessment report.

Staff from FERC also participated in this meeting. FERC is the regulatory authority for water-control structures within the FERC project boundaries, which include the Jocassee Dam and the Keowee Dam.

Public Meeting Feedback forms were made available at the meeting. As of the date of this meeting summary, no completed feedback forms have been received.

Please direct any inquiries to me at 301-415-2901, or by email to John.Boska@nrc.gov.



John P. Boska, 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

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

MEETING ATTENDANCE FORM

Subject: Oconee Nuclear Station Flooding Evaluation Discussion

Date: April 9, 2013 Location: NRC HQ OWFN Room O-4B6

PLEASE PRINT LEGIBLY

NAME	ORGANIZATION
John Boska	NRC/NRR
Dave Baxter	Duke Energy
Andrew Miller	EPRI/Duke
Dean Hubbard	Duke Energy
George Attarian	Duke Energy
RICHARD FREUDENBERGER	DUKE ENERGY
Joe Bellini	AMEC/Duke
Joe Gasper	OPPD
Jim Thomas	ENERCON
Jim Riley	NET
Jim Riccio	GREENPEACE
John Poggendorf	NRC/NRR/DORC
Callen Payne	
JEFF MITMAN	NRC/NRR/DRA
ED MILLER	NRC/NRR/JLD
KAMAL MANOLY	NRC/NRR/DE
George Wilson	NRC/NRR/JLD
Michelle Bensi	NRC/NRO/DSEA
Larry Criscione	NRC/RES
Tony McMurtry	NRC/NRR/DE
CHRISTOPHER COOK	NRC/NRO/ELMB

Enclosure

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/RA/

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ADAMS Accession Nos. Package ML13122A430 Notice ML13070A390 Slides ML13095A213
Summary ML13122A436

OFFICE	DORL/LPL2-1/PM	DORL/LPL2-1/LA	DORL/LPL2-1/BC	DORL/LPL2-1/PM
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DATE	05/02/2013	05/06/2013	05/06/2013	05/06/2013

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