

March 11, 2009

Mr. Dave Baxter
Vice President, Oconee Site
Duke Energy Carolinas, LLC
7800 Rochester Highway
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3 - REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING LICENSE AMENDMENT REQUEST (LAR) TO CHANGE TECHNICAL SPECIFICATIONS AS WELL AS CYBER SECURITY FEATURES RELATED TO REPLACEMENT OF CURRENT ANALOG REACTOR PROTECTIVE SYSTEM/ENGINEERED SAFEGUARDS PROTECTIVE SYSTEM (RPS/ESPS) WITH A DIGITAL COMPUTER-BASED RPS/ESPS (TAC NOS. MD7999, MD8000, AND MD8001)

Dear Mr. Baxter:

By letter dated January 31, 2008 (ML080730339), you submitted an LAR for Oconee Nuclear Station, Units 1, 2, and 3 to accommodate a proposed replacement of the current analog-based RPS/ESPS with a digital computer-based RPS/ESPS. By letter dated January 30, 2008 (ML080380186), you submitted cyber security features associated with the digital upgrade of the RPS/ESPS for Oconee Nuclear Station, Units 1, 2, and 3.

To complete our review of your LAR, we need additional information, and our RAI is enclosed. On February 25, 2009, your staff stated that the response to all of the RAI would be provided within 30 days of the date of this letter.

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

Enclosure:
As stated

cc w/encl: Distribution via Listserv

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DATE	3/4/09	3/9/09	02/10/09	02/20/09	3/11/09	3/9/09

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REQUEST FOR ADDITIONAL INFORMATION (RAI)

OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3 (OCONEE)

DIGITAL UPGRADE OF REACTOR PROTECTIVE SYSTEM (RPS) AND ENGINEERED

SAFEGUARDS PROTECTIVE SYSTEM (ESPS)

INSTRUMENTATION & CONTROLS QUESTIONS

The Nuclear Regulatory Commission (NRC) staff's questions in this RAI are developed from the review of the license amendment request (LAR) dated January 31, 2008 (ML080730339). Please provide a response to each question first writing the question followed by the Duke Energy Carolinas, LLC's (Duke's) response to those questions. If the requested information has already been provided to the NRC staff, please specifically identify where this information is located in the docketed documentation.

RAI-101:

RAI-102:

RAI-103:

RAI-104:

Enclosure

RAI-105:

RAI-106:

RAI-107:

RAI-108:

RAI-109:

RAI-110:

RAI-111:

CYBERSECURITY QUESTIONS

The following questions are related to the review of January 30, 2008 (ML080380186) submittal: "Oconee Nuclear Station, Units 1, 2, and 3: Cyber Security Features Associated with the Digital Upgrade of Oconee Nuclear Station Reactor Protective System and Engineered Safeguards Protective System", as well as the two subsequent submissions: "Response to Request for Additional Information Associated with Cyber Security Features of the Oconee Nuclear Station Reactor Protective System and Engineered Safeguards Protective System Digital Upgrade" (ML083190043), and "Supplemental Response to Request for Additional Information Associated with Cyber Security Features of the Oconee Nuclear Station Reactor Protective System and Engineered Safeguards Protective System Digital Upgrade" (ML083450717), submitted on November 5, 2008 and November 25, 2008, respectively.

EICB-101:

EICB-102:

EICB-103:

EICB-104:

EICB-105:

EICB-106: