

August 1, 2007

LICENSEE: DUKE POWER COMPANY LLC (DUKE)
FACILITY: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3 (OCONEE)
SUBJECT: SUMMARY OF JULY 10, 2007, CONFERENCE CALL TO DISCUSS THE LICENSING PLAN FOR THE DIGITAL UPGRADE TO THE REACTOR PROTECTIVE SYSTEM (RPS) AND ENGINEERED SAFEGUARDS PROTECTIVE SYSTEM (ESPS) (TAC NOS. MD2471, MD2472, AND MD2473)

On July 10, 2007, the U.S. Nuclear Regulatory Commission (NRC) and Duke (the licensee) held a conference call to discuss the licensing plan for the digital upgrade of RPS/ESPS at Oconee. On November 30, 2007, the licensee is planning to submit the license amendment request (LAR) to support this upgrade. Information including slides, was provided by the licensee prior to the call to aid in the discussion, and this information is available in the Agencywide Documents Access and Management System (ADAMS) Accession Number ML071920349. Enclosed is a list of the people who participated in the call.

The NRC staff stated that the requirements on Slide 5 and the regulatory guidance on Slides 6 and 7 is an adequate list of the regulatory requirements and guidance that are to be used for digital upgrades.

The NRC staff stated that the LAR outline previously provided by the licensee, which followed the format and content described in Nuclear Energy Institute 06-02 and the guidance provided in Regulatory Guide (RG) 1.206 and software quality assurance portion of Standard Review Plan (SRP) Branch Technical Position 7-14 (Slide 9), is adequate. The NRC staff stated that in instances where RG 1.206 and the SRP provide different guidance, the guidance in the SRP should be followed.

As indicated on Slide 12, the results from the factory acceptance test (FAT) will not be available until December 2008. The NRC staff stated that it would need these results before it can complete its safety evaluation (SE) for the digital upgrade to RPS/ESPS. The NRC staff stated that if the FAT results are provided in December 2008, then the NRC staff should be able to complete its SE by March 31, 2009, which is the schedule requested by the licensee.

The licensee proposed three options for providing the NRC the documents that the NRC needs for its review (Slide 13). The NRC staff stated that it would prefer that these documents be submitted on the docket. The licensee stated that it did not agree that docketing this material was necessary, but the licensee stated that it would do what was needed to facilitate the NRC's review.

The NRC staff stated that it will provide comments within 45 days on the licensee's proposed Acceptance Review Checklist.

In the discussion on future meeting topics (Slide 17), the NRC staff and the licensee agreed

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that a meeting is already scheduled for August 6, 2007, to discuss the quality process and that a meeting is needed to discuss setpoint methodology. The NRC staff also suggested another meeting to discuss cyber security, and the licensee agreed that such a meeting would be useful. Other meetings and conference calls will be held as necessary.

Please direct any inquiries to me at 301-415-1419, or lno@nrc.gov.

/RA/

Leonard N. Olshan, 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 Participants

cc w/encl: See next page

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PARTICIPANTS IN THE JULY 10, 2007, CONFERENCE CALL
WITH DUKE POWER COMPANY LLC TO DISCUSS THE LICENSING PLAN FOR THE
DIGITAL UPGRADE OF THE OCONEE REACTOR PROTECTIVE SYSTEM AND THE
ENGINEERED SAFEGUARDS PROTECTIVE SYSTEM

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