

April 21, 2005

LICENSEE: DUKE ENERGY CORPORATION
FACILITY: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3
SUBJECT: SUMMARY OF APRIL 6, 2005, MEETING TO DISCUSS LICENSE
AMENDMENT REQUEST FOR DIGITAL REACTOR PROTECTIVE SYSTEM
AND THE ENGINEERED SAFEGUARDS PROTECTIVE SYSTEM
(TAC NOS. MC5895, MC5896, AND MC5897)

On April 6, 2005, the Nuclear Regulatory Commission (NRC) met with Duke Energy Corporation (the licensee) to discuss the February 14, 2005, license amendment request associated with the digital upgrade of the Reactor Protective System (RPS) and the Engineered Safeguards Protective System (ESPS). Attachment 1 provides a list of the attendees. Attachment 2 is a draft set of NRC questions that was provided to the licensee prior to the meeting. Attachment 3 contains the slides presented by the licensee during the meeting.

The licensee is planning to replace the existing analog Bailey RPS/ESPS with a digital RPS/ESPS beginning in the Fall 2006 refueling outage of Oconee, Unit 1. The NRC staff stated that this is the first time in this country that the entire RPS/ESPS is being replaced with a digital system and that this is the first time that the Framatome TXS system is being used in a U. S. plant in a safety-related application; therefore, completing the NRC review in time to meet the licensee's schedule for implementation will present a significant challenge.

The NRC staff raised concerns with the use of inter-channel connections. The licensee and the NRC staff agreed to conduct a meeting in the near future to discuss the inter-channel connections and how these connections meet NRC regulations for channel independence.

The NRC staff and the licensee also agreed to conduct periodic meetings throughout the course of the NRC review.

cc: See next page

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LIST OF ATTENDEES

MEETING TO DISCUSS DIGITAL RPS/ESPS

APRIL 6, 2005

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Y. Kang
P. Loeser
E. Marinos
J. Nakoski*
L. Olshan
C. Schulten*

DUKE

R. Gambrell
M. Miller
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OTHER

P. Berry, Areva
T. Martel, Invensys - Triconex
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* Part-time attendance

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