

October 20, 2006

LICENSEE: Nuclear Management Company, LLC (NMC)
FACILITY: Prairie Island Nuclear Generating Plant, Units 1 and 2
SUBJECT: SUMMARY OF SEPTEMBER 21, 2006, CATEGORY 1 MEETING WITH
NUCLEAR MANAGEMENT COMPANY, LLC (NMC) , TO DISCUSS
EXTENSION OF COMPLETION TIME FOR EMERGENCY DIESEL
GENERATORS (TAC NOS. MC9001 AND MC9002)

On September 21, 2006, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of Nuclear Management Company, LLC (NMC), at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, MD. The purpose of the meeting was to discuss extension of completion time for Emergency Diesel Generators (EDG) at Prairie Island Nuclear Generating Plant (PINGP), Unit 1 and 2. There have been previous discussions with the licensee regarding load capabilities of the EDGs. The licensee wanted to present information which could demonstrate that any one of the EDGs on Unit 1 side can bring both the units to a cold shutdown and maintain it there for an indefinite period of time.

The licensee presented information on the various loads which the EDGs would be subjected to during Loss of Offsite Power (LOOP) and Station Blackout (SBO) events. The licensee presented handouts which contained the list of loads for the EDGs and electrical schematics for its onsite distribution system.

At the beginning of the meeting, the NRC staff informed the licensee that at present the electrical branch is in the process of writing a white paper to address the issue of extension of EDG outages to 14 days. The branch expects to generate a Regulatory Information Summary which will provide the NRC staff bases for the EDG extensions. The meeting started with NMC providing the brief description of the License Amendment Request (LAR) and progressed with the electrical layouts and load distributions. The licensee also provided a brief explanation of how the cross tie functions work between the two units.

The NRC staff queried the licensee about several issues, specifically to the electrical loads on the EDGs. There was discussion on the loads which are transferable from one unit to the other, and NRC staff asked the licensee to identify those loads for the staff review. The NRC staff informed the licensee that they have preference to see an extra A/C source brought to the site during an EDG outage extending to 14 days. The basis for this recommendation is to ensure defense-in-depth, specially after the blackout event which occurred in 2003. There was also discussion on the capability of EDGs D3 and D4 which are non-safety related, to be used as an extra A/C source. The licensee expressed their difficulties in the use of D3 and D4, but stated that they will evaluate it further. Following action items were taken by the licensee to evaluate and provide further response:

1. Identify the transferable loads.
2. Identify those time periods during the year when the Prairie Island preferred power source (i.e., the grid) is highly stressed.
3. Identify any corrective actions associated with addressing the D5 and D6 reliability issue that are still open.
4. Assess D3 and D4 to be used as extra A/C sources during EDG outages.

Members of the public were not in attendance. Public Meeting Feedback forms were provided but not taken by any of the participants.

A list of meeting attendees is enclosed. Also enclosed is a copy of the licensee's slides presented at the meeting [ADAMS Accession No. ML062560441].

Please direct any inquiries to Mahesh Chawla at 301-415-8371, or mlc@nrc.gov.

/RA/

Mahesh L. Chawla, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosures: 1. List of Attendees
2. Licensee Handouts

cc w/encls: See next page

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ADAMS Accession Number: **ML062720292**

OFFICE	NRR/LPL3-1/PM	NRR/LPL3-1/LA	NRR/EEA/BC	NRR/LPL3-1/BC (A)
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DATE	10/10/06	10/10/06	10/11/06	10/20/06

Prairie Island Nuclear Generating Plant,
Units 1 and 2

cc:

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November 2005

List of Attendees

Nuclear Regulatory Commission

Mahesh Chawla - Project Manager - NRR/DORL

Technical Reviewers:

Steven Laur - NRR/DRA

Ogbonna Hopkins - NRR/DRA

Pete Hearn - NRR/DIPM

Om Chopra - NRR/DE/EEEE

George Wilson - NRR/DE/EEEE

Kimberly Corp - NRR/DE/EEEE

Nuclear Management Company

Gabe Salamon - Fleet Licensing Manager

Dale Vincent - Licensing Engineer

Tom Lillehei - Electrical Design Engineer

Tim Allen - Manager of Fleet Operation

ENCLOSURE