

May 18, 2007

Mr. Michael D. Wadley
Site Vice President
Prairie Island Nuclear Generating Plant
Nuclear Management Company, LLC
1717 Wakonade Drive East
Welch, MN 55089

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 -
ISSUANCE OF REPORT ON RESULTS OF STAFF AUDIT OF CORRECTIVE
ACTIONS TO ADDRESS GENERIC LETTER 2004-02 (TAC NOS. MC4707
AND MC4708)

Dear Mr. Wadley:

Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors," requested that all pressurized-water reactor licensees (1) evaluate the adequacy of the emergency sump recirculation function with respect to potentially adverse effects associated with post-accident debris, and (2) implement any plant modifications determined to be necessary. Nuclear Management Company (NMC), the operator/licensee, has conducted an evaluation of recirculation sump performance for Prairie Island Nuclear Generating Plant (PI) Unit No. 1 and Unit No. 2. NMC has installed new sump strainers in each unit.

The staff has conducted an audit of the new sump design and associated analyses and testing for PI. This is one of several audits to be conducted to establish a sample basis to assist in verifying the adequacy of licensee corrective actions to address GL 2004-02. The draft report was forwarded to NMC on April 23, 2007. NMC, after consultation with its contractors and vendors for GL 2004-02 corrective actions, has confirmed that there is no proprietary information contained in the audit report.

The enclosed audit report provides NMC with feedback on its GL 2004-02 corrective actions and supporting analyses. Also, this audit report will serve as a vehicle to inform other pressurized-water reactor licensees of the staff's technical positions.

Sincerely,

/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

Enclosure:
GL 2004-02 Audit Report

cc w/encl: See next page

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Prairie Island Nuclear Generating Plant,
Units 1 and 2

cc:

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