

**MAR 23 2006**

L-PI-06-022  
10 CFR 50.90

U S Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Prairie Island Nuclear Generating Plant Units 1 and 2  
Dockets 50-282 and 50-306  
License Nos. DPR-42 and DPR-60

Supplement to License Amendment Request (LAR) to Add a Condition to Technical Specification (TS) 3.6.5, "Containment Spray and Cooling Systems," for Two Inoperable Fan Coil Units

Reference License Amendment Request (LAR) to Add a Condition to Technical Specification (TS) 3.6.5, "Containment Spray and Cooling Systems," for Two Inoperable Fan Coil Units, dated November 11, 2005

By letter dated November 11, 2005, Nuclear Management Company (NMC) submitted the referenced LAR to revise TS 3.6.5, "Containment Spray and Cooling Systems" to allow continued plant operation with TS limitations when two Containment Cooling System fan coil units (FCUs), one in each train, are inoperable. This letter supplements the referenced LAR to address February 16, 2006 telephone discussions with the Nuclear Regulatory Commission (NRC) Staff. NMC is submitting this supplement in accordance with the provisions of 10 CFR 50.90.

In support of the referenced LAR, thermal-hydraulic analyses were performed to demonstrate that any two FCUs are capable of removing more heat from containment following a design basis accident than credited in the Updated Safety Analysis Report. The analysis discussion started on Page 7 of Exhibit A of the referenced LAR. In support of the analysis for the referenced LAR, the methodology was reviewed in accordance with the NMC 10CFR 50.59 process. The 10CFR 50.59 review concluded that prior NRC approval was not required for use of the methodology for this analysis.

The additional information provided in this supplement does not impact the conclusions of the Determination of No Significant Hazards Consideration and Environmental Assessment presented in the November 11, 2005 submittal.

In accordance with 10 CFR 50.91, NMC is notifying the State of Minnesota of this LAR supplement by transmitting a copy of this letter to the designated State Official.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on **MAR 23 2006**



Thomas J. Palmisano  
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Nuclear Management Company, LLC

cc: Administrator, Region III, USNRC  
Project Manager, Prairie Island, USNRC  
Resident Inspector, Prairie Island, USNRC  
State of Minnesota