



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

December 29, 1999

Mr. Roger O. Anderson, Director
Nuclear Energy Engineering
Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 -
CLOSURE OF GENERIC LETTER 96-05, "PERIODIC VERIFICATION OF
DESIGN-BASIS CAPABILITY OF SAFETY-RELATED MOTOR-OPERATED
VALVES" (TAC NOS. M97089 AND M97090)

Dear Mr. Anderson:

On September 18, 1996, the NRC issued Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves," requesting each nuclear power plant licensee to establish a program, or ensure the effectiveness of its current program, to verify on a periodic basis that safety-related motor-operated valves (MOVs) continue to be capable of performing their safety functions within the current licensing bases of the facility.

On November 18, 1996, Northern States Power Company (NSP, the licensee) submitted a 60-day response to GL 96-05 notifying the NRC that it would implement the requested MOV periodic verification program at Prairie Island Nuclear Generating Plant, Units 1 and 2. On March 17, 1997, NSP submitted a 180-day response to GL 96-05 providing a summary description of the MOV periodic verification program planned to be implemented at Prairie Island. In a letter dated March 1, 1999, NSP revised its commitment to GL 96-05. In a letter dated May 3, 1999, NSP updated its commitment to GL 96-05 and responded to a request for additional information regarding GL 96-05 forwarded by the NRC staff on March 4, 1999.

The NRC staff has reviewed NSP's submittals and applicable NRC inspection reports for the MOV program at Prairie Island. The staff finds that NSP has established an acceptable program to verify periodically the design-basis capability of the safety-related MOVs at Prairie Island through its commitment to all three phases of the Joint Owners Group (JOG) Program on MOV Periodic Verification and the additional actions described in its submittals. As discussed in the attached safety evaluation (SE), the staff concludes that NSP is adequately addressing the actions requested in GL 96-05. The NRC may conduct inspections at Prairie Island to verify that the implementation of the MOV periodic verification program is in

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accordance with (1) the licensee's commitments, (2) the SE enclosed with this letter, (3) SE dated October 30, 1997, on the JOG Program on MOV Periodic Verification, and (4) SE dated April 14, 1998, on the Westinghouse Owners Group methodology for ranking MOVs by their safety significance.

Sincerely,



Tae Kim, Senior Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosure: Safety Evaluation

cc w/encl: See next page

Prairie Island Nuclear Generating Plant,
Units 1 and 2

cc:

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