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

Notification of Change in Commitment Made in the Prairie Island Nuclear Generating Plant (PINGP) Response to Generic Letter (GL) 96-05

- References:
- 1) Letter from Northern States Power Company (NSP) to NRC, Response to Generic Letter 96-05, Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves, dated March 17, 1997.
 - 2) Letter from NSP to NRC, Response to Request for Additional Information Regarding Generic Letter 96-05 Program at Prairie Island Nuclear Generating Plant, dated May 3, 1999.
 - 3) Joint Owners' Group (JOG) Motor Operated Valve Periodic Verification Program Summary, MPR-2524-A, Revision 1, September 2010 (ADAMS Accession No: ML110680193).
 - 4) NRC Regulatory Issue Summary (RIS) 2011-13 Follow Up to Generic Letter 96-05 for Evaluation of Class D Valves Under Joint Owners Group Motor-Operated Valve Periodic Verification Program, dated January 6, 2012 (ADAMS Accession No: ML113050259).

In Reference 1, NSP committed to implementation of the Joint Owners' Group (JOG) Periodic Verification Program for PINGP safety-related Motor Operated Valves (MOVs) to provide periodic verification that the valves are capable of performing their safety functions, as described in the JOG periodic verification program topical report, "Joint BWR and Westinghouse Owners Group Program on Motor-Operated Valves (MOVs) Periodic Verification," MPR-1807, Revision 0, February 1997.

In Reference 2, NSP committed to continue to participate in the JOG MOV Program consistent with Revision 2 of the JOG topical report, (MPR-1807, Revision 2) and the NRC safety evaluation dated October 30, 1997, concluding that the JOG program is an acceptable industry-wide response to GL 96-05.

In Reference 3, the Joint Owners' Group provided a summary describing the long term MOV periodic verification recommendations for use by licensees that committed to implement the JOG program as part of their response to GL 96-05. In a Safety Evaluation (SE) dated September 25, 2006, and in a supplement to that SE dated

September 18, 2008, the NRC concluded that the JOG program on periodic verification described in Reference 3 provided an acceptable industry wide response to GL 96-05 for valve related age degradation if implemented in accordance with the SE.

In Reference 4, the NRC issued RIS 2011-13 which requires that, if a licensee has any (JOG) Class D valves and the licensee had committed to implement the JOG, a commitment change is required since, by definition, Class D valves fall outside the scope of the JOG testing program. The RIS also states that it expects licensees to notify the NRC of deviations from the JOG program (including the implementation schedule) in accordance with their commitments to GL 96-05.

On August 30, 2012, Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), approved a change to the subject commitments made in references 1 and 2. Per MPR-2524-A, all valves included within the scope of the GL 96-05 test program require classification into one of the four categories: A, B, C or D. If a valve is categorized as Class D, it has material combinations and/or system operating conditions that fall outside the scope of the original JOG testing program. As such, the JOG document (MPR-2524-A) cannot be used as justification for the establishment of the design basis for any Class D valves. Four Main Steam Isolation Valves (MSIVs) bypass valves were the only valves in PINGP's GL 96-05 testing program that were categorized as Class D.

Summary of Commitments

This letter contains no new commitments and revises the commitments made in References 1 and 2 as follows:

The JOG Periodic Verification (PV) Program will be used in accordance with JOG document MPR-2524-A for those valves that have been categorized as JOG Class A, B, or C for those valves currently in the PINGP GL 89-10 / 96-05 MOV program.

The JOG PV Program classifies each MOV into one of four classes: Class A, B, C, or D. Class A, B, and C valves are included within the scope of the JOG MOV PV Program and Class D valves are not. As such, the JOG PV Program will not be implemented for the Class D valve population which consists of the Main Steam Isolation Valve (MSIV) Bypass Motor Valves (MVs) (MV-32045, MV-32047, MV-32048 and MV-32050).



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