

L-PI-03-065

July 14, 2003

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
DOCKETS 50-282 AND 50-306
LICENSE Nos. DPR-42 AND DPR-60

CORRECTION TO NRC LEAK BEFORE BREAK SAFETY EVALUATION REPORT

The Nuclear Management Company (NMC) recently reviewed the Prairie Island Nuclear Generating Plant (PINGP) licensing basis for application of leak before break (LBB) concepts to the Unit 1 steam generator replacement. During review of the NRC Safety Evaluation Report (SER) for LBB dated December 22, 1986, NMC identified an apparent error in the SER.

Northern States Power Company (NSP) letter dated October 24, 1984 submitted Westinghouse report WCAP-10639 to the NRC in support of application of LBB concepts to PINGP Unit 1.

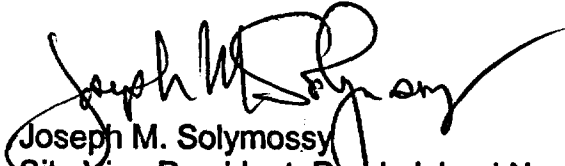
The bottom of page 4 and top of page 5 of the NRC SER states:

- (1) For Prairie Island Unit 1, the loads associated with the highest stressed location in the main loop primary system piping are 2,235 kips (axial), 28,422 in-kips (bending moment) and result in maximum stresses of about 60% of the Service Level D limits specified in Section III of the [American Society of Mechanical Engineers] ASME Code. For Prairie Island Unit 2, the loads associated with the highest stressed location in the main loop primary system piping are 1,623 kips (axial), 28,422 in-kips (bending moment) and result in maximum stresses of about 50% of the Service Level D limits specified in Section III of the ASME Code.

The indicated axial pipe stress of 2,235 kips at the highest stressed location in Unit 1 main loop primary system piping is not supported by WCAP-10639. WCAP-10639, Pages 3-1, 3-3 and 4-5, states that the axial force in the Unit 1 piping is 1,623 kips at the highest stressed location in the main loop primary system piping.

NMC requests that the NRC issue a correction to the December 22, 1986 SER for LBB.

This letter contains no new commitments and no revisions to existing commitments.
Please address any comments or questions regarding this letter to
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