

July 29, 1992

Docket Nos. 50-282
and 50-306

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Mr. T. M. Parker, Manager
Nuclear Support Services
Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Dear Mr. Parker:

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NOS. 1 AND 2 - NRC BULLETIN 88-08, "THERMAL STRESSES IN PIPING CONNECTED TO REACTOR COOLANT SYSTEMS" (TAC NOS. M69673 AND M69674)

By letters dated September 30, 1988, and June 2, 1989, Northern States Power Company (NSP) responded to NRC Bulletin 88-08. Your response stated that a review of piping connected to the reactor coolant system was performed for Prairie Island. The review determined that only the pressurizer auxiliary spray lines, on both units, had the potential for experiencing the thermally induced stresses of the type described in the Bulletin. You further stated that the weld which joins the 2" auxiliary pressurizer spray line to the tee at the 3" pressurizer spray line was judged to be the most susceptible region for such thermal stresses to occur. This area has been examined nondestructively and no evidence of pipe cracking was found on either unit. Further response to Action 3 of the Bulletin was provided in letter dated January 31, 1992. In this letter you state that NSP has implemented temperature monitoring for both Prairie Island units and that this monitoring complies with the guidelines given in "Evaluation Criteria for Responses to NRC Bulletin 88-08, Action 3 and Supplement 3," which were transmitted to you in NRC letter dated November 4, 1991.

The NRC staff has determined that your response is consistent with the actions and monitoring alternatives stated in the Bulletin.

This fulfills your requirements in responding to NRC Bulletin 88-08. You should maintain in auditable form records of the program and the results from remedial actions. These records may be subject to future auditing. This completes our effort for NRC Bulletin 88-08 and its supplements under TAC Nos. M69673 and M69674.

Sincerely,

Original signed by

William O. Long, Project Manager
Project Directorate III-1
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

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OFFICE	LA:PD3-1	PM:PD3-1	EMEB	D:PD3-1
NAME	MShuttleworth	WLong:jkd	JNorberg*	LMarsh
DATE	07/29/92	07/29/92	07/17/92	07/29/92

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Mr. T. M. Parker
Northern States Power Company

Prairie Island Nuclear Generating
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cc:

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