

NSP

ppr

NORTHERN STATES POWER COMPANY

Minneapolis, Minnesota 55401

October 12, 1973



Mr. J. F. O'Leary, Director
Directorate of Licensing
Office of Regulation
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. O'Leary:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

HPCI Steam Line High Area Temperature Switch Malfunction

A condition occurred at the Monticello Nuclear Generating Plant which we are reporting to your office in accordance with Section 6.7.B.1, Abnormal Occurrence Reports, of Appendix A, Technical Specifications, of Provisional Operating License DPR-22.

On October 2, 1973, while performing a quarterly surveillance test, one of sixteen HPCI Steam Line High Area Temperature switches was found to trip at 208°F. Section 3.2.1, of the Technical Specifications requires the HPCI Steam Line High Area Temperature switches to be set at $\leq 200^\circ\text{F}$. Erratic performance was demonstrated in subsequent retesting of the temperature switch. The switch was therefore considered defective and will be discarded. It has been replaced with a new calibrated switch.

This occurrence did not affect safe operation since redundant switches at the same location were tested and found to trip at the desired trip setting. No previous erratic performance of these or similar switches has been observed. The temperature switch malfunction is believed to be a random component failure, and as such, no further action is planned.

Yours very truly,

L. O. Mayer

L. O. Mayer, PE
Director of Nuclear Support Services

LOM/kik

cc: J G Keppler
G Charnoff
Minnesota Pollution Control Agency
Attn: Ken Dzigan

