



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

January 15, 1997

10 CFR Part 50 App H

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42

Prairie Island Unit 1 Reactor Vessel Material Surveillance Program Report

On January 24, 1996, Prairie Island Unit 1 Vessel Material Surveillance Capsule "S" was removed from the reactor vessel. As stated in Title 10 of the Code of Federal Regulations Part 50, Appendix H, Section III (A), a summary technical report is to be submitted within one year of the above date.

Attached is the technical report summarizing the results of the analysis of Capsule S. In addition, we are enclosing the evaluation of pressurized thermal shock for Unit 1, performed in accordance with 10 CFR Part 50 Section 50.61 for your information.

In this letter we have made no new Nuclear Regulatory Commission commitments.

Please contact Jack Leveille (612-388-1121, Ext. 4662) if you have any questions related to this letter.

Michael D Wadley

Michael D Wadley
Plant Manager
Prairie Island Nuclear Generating Plant

c: (see next page)

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NORTHERN STATES POWER COMPANY

c: Regional Administrator - Region III, NRC
Senior Resident Inspector, NRC
NRR Project Manager, NRC
J E Silberg

Attachments:

1. WCAP-14779, January 1997, Analysis of Capsule S from the Northern States Power Company Prairie Island Unit 1 Reactor Vessel Radiation Surveillance Program
2. WCAP-14781, January 1997, Evaluation of Pressurized Thermal Shock for Prairie Island Unit 1