



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401-1927
Telephone (612) 330-5500

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Technical Specification 4.12.E.1

Director of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 License Nos. DPR-42
50-306 DPR-60

Steam Generator Tube Plugging and Slewing

In accordance with Technical Specification 4.12.E.1, the following steam generator tube plugging and slewing information is provided for the information of the NRC staff.

Following the recent inservice inspection of the Unit 2 steam generators, eleven tubes were plugged for the first time. The percentage of tubes plugged is 2.33% on steam generator 21. The percentage of tubes plugged is 4.66% on steam generator 22. A summary is attached.

This information will be expanded upon in the Inservice Inspection Report for Unit 2 which will be submitted within 90 days of the end of the current refueling outage. Also Table 4.3-14 of the Prairie Island Updated Safety Analysis Report will be updated in the next revision.

If you have any questions concerning this information please call.

Thomas M Parker
Manager
Nuclear Support Services

c: Regional Administrator - Region III, NRC
Senior Resident Inspector, NRC
NRR Project Manager, NRC
G Charnoff

Attachment: Steam Generator Tube Plugging/Slewing Summary

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STEAM GENERATOR TUBE PLUGGING/SLEEVING SUMMARY

Steam Generator No. 21 Summary

New Indications Plugged This Outage:	6
Total Tubes Plugged:	79
Total Tubes Sleeved:	0
21 Steam Generator % Plugged:	2.33%

Plug Removal: 7 plugs removed and replaced.

New Indications:

Six tubes were plugged, five for thinning at the cold leg tube support plate. One tube was plugged for an indication above the cold leg tube sheet.

Tube Plug Removal:

Per the requirements of NRC Bulletin 89-01 Supplement 2, three plugs from heat NX6323 were removed due to susceptibility to primary water stress corrosion cracking. In addition, four plugs from heat NX1989 were pulled as part of the Prairie Island steam generator tube plug management program.

The tubes were replugged with Alloy 690 Combustion Engineering mechanical (rolled) tube plugs.

Steam Generator No. 22 Summary

New Indications Plugged This Outage:	5
Total Tubes Plugged:	158
Total Tubes Sleeved:	0
22 Steam Generator % Plugged:	4.66%

Plug Removal: 6 plugs removed and replaced.

New Indications:

Five tubes were plugged for thinning at the cold leg tube support plates.

Tube Plug Removal:

Per the requirements of NRC Bulletin 89-01 Supplement 2, five plugs from heat NX6323 were removed due to susceptibility to primary water stress corrosion cracking.

One plug was removed because of an unusual quantity of boric acid crystal build up on the surface of the plug. The boric acid build up was indicative of primary water leaking out of the plugged tube after shutdown. The plug was a B&W mechanical plug from heat NX3624. The plug is being returned to B&W for examination and evaluation.

The tubes were replugged with Alloy 690 Combustion Engineering mechanical (rolled) tube plugs.