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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 sleeving

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

Following the recent inservice inspection of the Unit 1 steam generators, fifteen tubes were plugged for the first time and thirty-seven tubes with new indications were sleeved. The percentage of tubes plugged is 2.13% on steam generator 11. The percentage of tubes plugged and sleeved equivalent is 1.87% on steam generator 12. A summary is attached.

This information will be expanded upon in the Inservice Inspection Report for Unit 1 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.

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c: Regional Administrator - Region III, NRC
Senior Resident Inspector, NRC
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Attachment: Steam Generator Tube Plugging/Sleeving Summary

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PDR ADUCK 05000282
Q PDC

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STEAM GENERATOR TUBE PLUGGING/SLEEVING SUMMARY

Steam Generator No. 11 Summary

New Indications Plugged This Outage:	3
Total Tubes Plugged:	72
Total Tubes Sleeved:	0

11 Steam Generator % Plugged: 2.13%

Plug Removal: 15 plugs removed and replaced.

New Indications:

Three tubes were plugged for thinning at the cold leg tube support plate.

Tube Plug Removal:

Fifteen plugs were removed due to susceptibility to primary water stress corrosion cracking. Ten plugs were required to be removed by NRC Bulletin 89-01.

Two tubes were replugged with Combustion Engineering welded tube plugs. The other 13 were replugged with Westinghouse Alloy 690 mechanical plugs.

Steam Generator No. 12 Summary

New Indications Plugged This Outage:	12
New Indications Sleeved This Outage:	37
Tubes Returned to Service:	1
Tubes Returned to Service by Sleeving:	26
Total Tubes Plugged:	56
Total Sleeves Installed and In Service:	163

12 Steam Generator % Plugged +
% Sleeved Equivalent: 1.87%

New Indications:

Forty-nine defective tubes were identified:

Seven tubes were plugged for thinning at cold leg tube support plates. One tube was plugged for an indication at a hot leg support plate. Thirty-seven tubes were sleeved for defects in the hot leg tubesheet region.

Four tubes were plugged for defects in the hot leg tubesheet region in areas where sleeves cannot be installed.

Tube Plug Removal:

Eighty-one plugs were removed in order to return the tubes to service and/or to remove plugs susceptible to primary water stress corrosion cracking. Thirty-six plugs were required to be removed by NRC Bulletin 89-01. Twenty-six tubes were returned to service by sleeving. One tube was returned to service by reevaluation of the original defect. Six tubes were replugged with Combustion Engineering welded tube plugs. The remaining eighteen were replugged with Westinghouse Alloy 690 mechanical plugs. Note: Not all tubes replugged had the original plugs removed from both ends of the tubes.