

Dominion Nuclear Connecticut, Inc.
Millstone Power Station
Rope Ferry Road
Waterford, CT 06385



Dominion™

NOV 5 2003

Docket No. 50-336
B19007

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

Millstone Power Station, Unit No. 2
Special Report - Steam Generator Tube Inservice Examination

This special report is being submitted pursuant to the requirements of Plant Technical Specifications 6.9.2.j and 4.4.5.1.5.a. Specification 4.4.5.1.5.a requires a special report be submitted to the commission within 15 days following completion of each steam generator tube inservice inspection, to document the number of tubes plugged.

The end of cycle 15 eddy current inspections were completed on October 25, 2003. The inspection examined one hundred percent of the tubes in steam generator number 2, or approximately 50 percent of the total population of tubes. No tubes were removed from service as a result of the examination.

The tables contained within Attachment 1 briefly summarize the number of tubes examined, types of examinations, and results. Eddy current testing identified flaws in two (2) tubes resulting from fan bar wear (less than 11 percent throughwall), and five (5) tubes with loose part wear or single volumetric indications (less than 24 percent throughwall). The loose parts which caused the tube damage were located below the first support plate and removed from the steam generator during the Foreign Object Search and Retrieval. The complete results of the steam generator tube inspection will be included in the Annual Operating Report, which is expected to be issued in February 2004.

There are no regulatory commitments contained within this letter.

Should you have any questions regarding this submittal, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.

J. Alan Price
Site Vice President - Millstone

cc: See next page

A047

U.S. Nuclear Regulatory Commission
B19007/Page 2

Attachment (1)

cc: H. J. Miller, Region I Administrator
R. B. Ennis, NRC Senior Project Manager, Millstone Unit No. 2
Millstone Senior Resident Inspector

Docket No. 50-336
B19007

Attachment 1

Millstone Power Station, Unit No. 2

Steam Generator Tube Plugging 15 Day Report Tables

Millstone Power Station, Unit No. 2
Steam Generator Tube Plugging 15 Day Report Tables

Table 1 - Millstone 2R15 ECT Summary

	S/G 2
Number of Tubes (S/G 2 Only)	8523
Number of Tubes Inspected F/L w/ Bobbin Probe	8523
Number of Tubes Incomplete w/ Bobbin Probe	0
Number of Tube Inspections w/ MRPC (Total)	214
• Hot Leg Transitions - Original Scope	140
• Hot Leg Transitions - Expansion	0
• Hot Leg Misc. Special Interest - Diagnostic Exams and from Previous History (number of tubes)	56
• Cold Leg Misc. Special Interest - Diagnostic Exams and from Previous History (number of tubes)	16
• U-bend Misc. Special Interest - Diagnostic Exams (number of tubes)	2
Tubes with Max Fan Bar Wear \geq 40%	0
Tubes with Max Fan Bar Wear \geq 20% but $<$ 40%	0
Tubes with Max Fan Bar Wear $<$ 20%	2
Tubes with Max Volumetric Hot Leg \geq 40%	0
Tubes with Max Volumetric Hot Leg \geq 20% but $<$ 40%	3
Tubes with Max Volumetric Hot Leg $<$ 20%	0
Tubes with Max Volumetric Cold Leg \geq 40%	0
Tubes with Max Volumetric Cold Leg \geq 20% but $<$ 40%	2
Tubes with Max Volumetric Cold Leg $<$ 20%	0
Tubes Plugged	0

Table 2 - MRPC Diagnostic Exams from History and Current Indications

All Exams Scheduled/Tubes	Hot Leg Straight Exams Scheduled/Tubes	Cold Leg Straight Exams Scheduled/Tubes	Fan Bars –U-bend Exams Scheduled/Tubes
88/74	68/56	16/16	2/2

Tubes were scheduled multiple times on the Hot Leg Programs to allow for additional information, e.g., positive identification or flaw sizing.

Table 3 - Percent Indications (Maximum Indication per Tube)

Percent Range	Hot Leg Straight	Cold Leg Straight	Fan Bars (U-bend)
1 - 19%	0	0	2
20 - 29%	3	2	0
30 - 39%	0	0	0
40 - 100%	0	0	0