

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



Dominion

MAY 2 2005

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

Serial No.: 05-282
MPS Lic/RWM Rev 0
Docket No.: 50-336
License No.: DPR-65

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION, UNIT 2
SPECIAL REPORT – STEAM GENERATOR TUBE INSERVICE EXAMINATION

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

Eddy current inspections, conducted at the end of cycle 16, were completed on April 25, 2005. One hundred percent of the tubes in steam generator (SG) number 1, or approximately fifty percent of the total population of tubes in all SGs, were examined. 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 (ECT) identified flaws in two tubes resulting from fan bar wear (less than 9 percent through wall). No further growth was observed since initial identification of these flaws during the refueling outage for cycle 14. Loose parts that were expected due to degradation of a condensate strainer screen have been removed from both steam generators during sludge lancing and the Foreign Object Search and Retrieval (FOSAR). No foreign material related damage was identified. The complete results of the SG tube inspection will be included in the Annual Operating Report.

If you should have any questions regarding this submittal, please contact Mr. Dave W. Dodson at (860) 447-1719, extension 2346.

Very truly yours,


J. Alan Price
Site Vice President – Millstone

Commitments contained within this letter: None

cc: See next page

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Attachments: Tables 1 and 2

cc: U. S. Nuclear Regulatory Commission
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Serial No.: 05-282
Docket No.: 50-336
Special Report for SG Inspections

ATTACHMENT 1

TABLES 1 AND 2

DOMINION NUCLEAR CONNECTICUT, INC. (DNC)
MILLSTONE POWER STATION, UNIT 2

Table 1: Refueling Outage 16 Eddy Current Test Summary

Number of Tubes (SG 1 Only)	8522
Number of Tubes Inspected F/L w/Bobbin Probe	8522
Number of Locations Inspected w/Rotating Probe (Total)	298
• Hot Leg Transitions - Original Scope	142
• Hot Leg Transitions - Expansion	0
• Hot Leg Misc. Special Interest - Diagnostic Exams	60
• Cold Leg Misc. Special Interest - Diagnostic Exams	82
• U-bend Misc. Special Interest - Diagnostic Exams	14
Tubes with Max Fan Bar Wear >= 40%	0
Tubes with Max Fan Bar Wear >= 20% but < 40%	0
Tubes with Max Fan Bar Wear <20%	2
Tubes Plugged	0
Tubes Sleeved	0

Table 2: Rotating Probe Diagnostic Exams from Historical and Current Indications

		Hot Leg	Cold Leg	U-bend
Previous Indications	PTE	1	0	0
	PLP	2	4	0
	DNT/DNG	3	9	8
	BLG	2	0	0
	OXP	19	14	0
	Fan Bar Wear	0	0	1
Refueling Outage 16 Indications	Bobbin I-Codes	3	0	2
	Bobbin PLPs	3	8	0
	PLP Bounding and Resulting PLPs	27	46	0
	DNT/DNG	0	1	3
Total		60	82	14