



Northeast
Nuclear Energy

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The Northeast Utilities System
May 18, 1995
MP-95-162

Docket No. 50-423
RE: 10CFR50.36

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Millstone Nuclear Power Station Unit No. 3
Steam Generator Tube Plugging

Gentlemen:

The special report is being submitted pursuant to the requirements of Plant Technical Specifications 4.4.5.5.a and 6.9.2. Plant Technical Specification 4.4.5.5.a requires that a special 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.

The eddy current inspections, conducted at the end of Cycle 5, were completed on May 9, 1995. Table 1 provides a brief synopsis of the results of the steam generator tube inspection. A total of 8473 tubes or 38 percent of the total tubes in all generators were inspected. The inspections were performed in Steam Generators B and D. Eddy Current testing identified flaws greater than or equal to the plugging limit in eleven tubes. The plugging limit is defined in Technical Specifications as an imperfection depth of 40 percent of nominal tube wall thickness. All eleven tubes exhibited degradation attributed to Anti-vibration Bar (AVB) wear. These tubes are identified on Table 2 and were removed from service utilizing Westinghouse Alloy 690 tapered mechanical plugs. Table 3 provides a summary of the total tubes plugged to date.

The complete results of the steam generator tube inspection will be submitted within 12 months in accordance with Plant Technical Specification 4.4.5.5.b.

The licensee contact for this special report is Larry Loomis who may be reached at (203)444-5468.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Donald B. Miller, Jr.
Vice President - Millstone Station

DBM/RLM:ljs

Attachment

9505250204 950518
PDR ADDCK 05000423
Q PDR

cc: T. T. Martin, Region I Administrator
P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3
V. L. Rooney, NRC Project Manager, Millstone Unit 3

ADD 1

ATTACHMENT A

Table 1 - **MILLSTONE 3 1995 ECT SUMMARY**

DESCRIPTION	S/G B	S/G D	TOTAL *
Number of Tubes	5626	5626	22504
Number of Tubes Inspected	4237	4236	8473
Tubes with Maximum Flaw > 40%	1	10	11
Tubes with Flaws > 20% but < 40%	11	29	40
Tubes Plugged as a Result of this Inspection	1	10	11

Table 2 - **LOCATION OF TUBES PLUGGED DURING RF05**

ROW	COLUMN	S/G	ROW	COLUMN	S/G
58	76	B	55	63	D
			42	100	D
36	45	D	51	81	D
51	45	D	52	89	D
51	46	D	52	90	D
41	51	D	48	95	D

Table 3 - **TOTAL TUBES PLUGGED TO DATE**

	S/G A	S/G B	S/G C	S/G D	TOTAL
Fabrication	1	2	2	0	5
Preservice	2	1	1	1	5
RF01	1	0	0	1	2
RF02	4	-	0	-	4
RF03	-	0	-	5	5
RF04	6	-	1	0	7
RF05	-	1	-	10	11
Total	14	4	4	17	39

*All four Steam Generators