

TABLE 1

Synopsis: Steam Generator No. 1 Bobbin Coil Test

First Sample

Total Tubes Tested = 525

Tubes Tested Full Length = 61

Tubes Tested Above Row 11 = 14

Previously Degraded Tubes Tested = 9 (1 in Row 2)

Tubes Tested in Rows 1 through 11 = 511

Results: Previously Degraded Tubes

<u>Row</u>	<u>Line</u>	<u>1988</u>	<u>1990-Dec.</u>	<u>Change</u>
2	109	24% HTS + 0.8"	21%	-3%
26	99	29% CTS + 11.8"	44%	+15%
27	116	22% HTS + 5.9"	27%	+5%
45	86	23% HTS + 5.0"	NDD	--
46	55	31% CTS + 9.0"	39%	+8%
50	57	31% CTS + 7.3"	40%	+9%
52	57	21% CTS + 8.5"	32%	+11%
79	86	32% HTS + 1.7"	33%	+1%
85	92	21% HTS + 1.1"	16%	-5%

Avg Growth (excluding 45/86) = 5.75%

Results: Steam Blanketed Region

<u>Row</u>	<u>Line</u>	<u>Dec. 1990</u>	<u>Previous</u>
6	43	100% V3	1988-Minor Degradation
6	41	Degraded or Defective @ V3	Not tested '88 No review of '82
7	130	3% V3	Not tested '88
7	8	18% V3	10% in '88
3	30	Questionable Differential Signal @ V3	
3	32	Questionable Differential Signal @ V3	

Acronyms: HTS - Hot Leg Tube Sheet
CTS - Cold Leg Tube Sheet
NDD - No Detectable Degradation
V3 - Vertical Strap - 3

TABLE 1 (Continued)

Results: MRPC - Steam Blanket Region

<u>Row</u>	<u>Line</u>	
6	43	Axial Crack ~4" Long on extrados
6	41	Axial Indication (crack?) ~3/4" long on extrados
7	8	Either incomplete or flaw too shallow for MRPC detection.
3	30	NDD
3	32	NDD

Results: MRPC - Cold Leg Sludge Pile

<u>Row</u>	<u>Line</u>	
26	99	"PIT" like indication @ CTS + 12.0"
50	57	"PIT" like indication @ CTS + 7.5"

ATTACHMENT A

Inspection Plan

The following guidelines shall govern the inspection and results for further steam generator eddy current testing during the Maine Yankee December 1990 inspection:

1. A 100% inspection of the #2 steam generator steam blanket region (rows five through eight) shall be conducted through the u-bend transition region (approximately 188 tubes).
2. In order to bound the steam blanket region, two rows above and two rows below shall be inspected and shall be free from defects at the u-bend transition region. Only non-pit-like defects found in the u-bend region shall be cause for expanding into additional rows. In any event, inspection shall continue until such time as the blanket region or u-bend defects are bounded by two free rows. Defects caused by pitting shall not be cause for expanding the inspection.
3. Tubes containing imperfections that exceed the Maine Yankee Technical Specification "Plugging Limit" will be plugged.
4. A 100% inspection of the #3 steam generator steam blanket region (rows five through eight) will be conducted through the u-bend transition region during Maine Yankee's cycle 12/13 refueling shutdown, if not conducted during this outage.

ATTACHMENT B

Inspection Schedule

The following schedule applies to the action items of Maine Yankee's Inspection Plan.

1. #2 steam blanket inspection Prior to startup from December 1990 shutdown
2. #2 steam blanket bounding row inspection Prior to startup from December 1990 shutdown
3. Plug defective tubes Prior to startup from December 1990 shutdown

ATTACHMENT C

TABLE 4.10-2

STEAM GENERATOR TUBE INSPECTION

1ST SAMPLE INSPECTION			2ND SAMPLE INSPECTION		3RD SAMPLE INSPECTION	
Sample Size	Result	Action Required*	Result	Action Required*	Result	Action Required*
A minimum of 5% tubes per S.G.	C-1	None	N/A	N/A	N/A	N/A
	C-2	Plug defective tubes and inspect additional 25% tubes in this S.G.	C-1	None	N/A	N/A
			C-2	Plug defective tubes and inspect additional 45% tubes in this S.G.	C-1	None
					C-2	Plug defective tubes
					C-3	Perform action for C-3 result of first sample
			C-3	Perform action for C-3 result of first sample	N/A	N/A
	C-3	Inspect all tubes in this S.G., plug defective tubes and inspect 25% tubes each S.G. Report to NRC pursuant to 10 CFR 50.72(b)(2)	All other S.G.s are C-1	None	N/A	N/A
			Some S.G.s C-2 but no additional S.G. are C-3	Perform action for C-2 result of second sample	N/A	N/A
			Additional	Inspect all tubes in each S.G. and plug defective tubes. Report to NRC pursuant to 10 CFR 50.72(b)(2)	N/A	N/A

S = 3 N/n Percent where N is the number of steam generators in the unit, and n is the number of steam generators inspected during an inspection

*NOTE: For the steam generator inspection beginning in December 1990, a 100% inspection of steam generator #2 rows 3 through 10 shall be conducted instead of the action indicated by this specification. If the inspection of #2 steam generator indicates any u-bend defects, then a 100% inspection of #3 steam generator rows 3 through 10 shall be conducted.