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McGuire Nuclear Generation Department
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DUKE POWER

March 10, 1992

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

Subject: McGuire Nuclear Station, Unit 2
Docket No. 50-370
Steam Generator Inspection Report
Reference: Tech Spec 4.4.5.5 a) and c)

Gentlemen:

Pursuant to McGuire Technical Specification 4.4.5.5 a) and c), the following information is submitted for the McGuire Unit 2 EOC--7 Refueling Outage. Information identifying F* tubes, their locations, and the size of degradation is provided in the following attachments:

<u>Steam Generator</u>	<u>Attachment</u>
A	1
B	2
C	3
D	4

The following quantities of tubes were removed from service, or repaired:

<u>Steam Generator</u>	<u>Number of Tubes Plugged</u>	<u>Number of Tubes Repaired</u>
A	15	31
B	42	38
C	17	22
D	32	46

For questions or additional information, please contact Kathleen Mullen at (704) 875-4302.

Very truly yours,

T.C. McMeekin

T.C. McMeekin, Vice President
McGuire Nuclear Site

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PDR

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(with Attachments)

xc: Mr. S.D. Ebner, Regional Administrator
U.S. Nuclear Regulatory Commission, Region II
101 Marietta St. NW, Suite 2900
Atlanta, Georgia 30323

Mr. Tim Reed, Project Manager
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Mr. P.K. Van Doorn
NRC Senior Resident Inspector
McGuire Nuclear Station

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(with Attachments)

xc: File: MC-801.01 (Helen Froebe-WC26A)
File: MNS Master File 1.3.8.1

(without Attachments)

xc: W.A. Hailer
P.R. Herran-MNS
C.W. Hendrix-MNS
D.B. Mayes
W.E. Poe-Legal
R.O. Sharpe-MNS
File: MC 801.01/MNS

Plant: McGuire Unit 2
Outage: 01/92 RFO

Steam Generator: A

19 QUERY: ATTACHMENT 1 FEATURES

TEST	ROW	COL	IND	XTW	VOLTS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
BOBBIN	X	2	2	101	S/N	1.78	1	0 TE-HL	+ 10.31	FL	TE-CL	68	D7949	610
BOBBIN	X	3	13	101	S/N	1.97	1	0 TE-HL	+ 4.12	FL	TE-CL	67	H5371	610
BOBBIN	X	3	16	101	S/N	8.19	1	0 TE-HL	+ 15.43	FL	TE-CL	67	H8551	610
BOBBIN	X	3	57	101	S/N	4.36	1	20 TE-HL	+ 8.81	FL	TE-CL	34	H7791	610
BOBBIN	X	4	16	101	S/N	2.23	1	0 TE-HL	+ 17.92	FL	TE-CL	34	H7791	610
BOBBIN	X			101	S/N	4.05	1	0 TE-HL	+ 14.00	FL	TE-CL	34	H7791	610
BOBBIN	X	4	58	101	S/N	5.19	1	15 TE-HL	+ 7.63	FL	TE-CL	65	C3556	610
BOBBIN	X	5	19	101	S/N	2.05	1	0 TE-HL	+ 12.72	FL	TE-CL	33	D3162	610
BOBBIN	X	6	3	101	S/N	8.91	1	0 TE-HL	+ 10.54	2ND TSP	TE-HL	1	L4332	480
BOBBIN	X	6	16	101	S/N	1.46	1	0 TE-HL	+ 17.86	FL	TE-CL	32	H7791	610
BOBBIN	X	6	18	101	S/N	1.75	1	0 TE-HL	+ 8.14	FL	TE-CL	32	H7791	610
BOBBIN	X	6	28	101	S/N	3.43	1	0 TE-HL	+ 10.97	FL	TE-CL	32	H7791	610
BOBBIN	X	7	74	101	S/N	7.76	1	39 TE-HL	+ 16.22	FL	TE-CL	63	H7006	610
BOBBIN	X	8	6	101	S/N	7.32	1	82 TE-HL	+ 18.24	FL	TE-CL	31	R2495	610
BOBBIN	X	8	23	101	S/N	7.82	1	16 TE-HL	+ 18.16	FL	TE-CL	31	H7791	610
BOBBIN	X	8	59	101	S/N	10.15	1	0 TE-HL	+ 5.29	FL	TE-CL	62	H6871	610
BOBBIN	X	9	31	101	S/N	3.86	1	0 TTS-HL	+ 4.14	FL	TE-CL	30	H6871	610
BOBBIN	X	9	105	101	S/N	7.08	1	31 TE-HL	+ 6.96	FL	TE-CL	62	D7449	610
BOBBIN	X	12	35	101	S/N	12.03	1	21 TE-HL	+ 4.31	FL	TE-CL	28	G6495	610
BOBBIN	X	12	62	101	S/N	5.19	1	22 TE-HL	+ 11.30	FL	TE-CL	59	H8551	610
BOBBIN	X	13	13	101	S/N	2.82	1	49 TE-HL	+ 14.84	FL	TE-CL	28	G6495	610
BOBBIN	X	14	73	101	S/N	15.43	1	45 TE-HL	+ 17.53	FL	TE-CL	58	L7871	610
BOBBIN	X	15	45	101	S/N	7.04	1	25 TE-HL	+ 17.25	FL	TE-CL	26	H3464	610
BOBBIN	X	15	47	101	S/N	8.13	1	0 TE-HL	+ 10.64	FL	TE-CL	57	H0554	610
BOBBIN	X	15	105	101	S/N	4.49	1	21 TE-HL	+ 7.80	FL	TE-CL	57	H8551	610
BOBBIN	X	16	9	101	S/N	6.44	1	13 TE-HL	+ 13.38	FL	TE-CL	25	L7871	610
BOBBIN	X	16	29	101	S/N	6.40	1	17 TE-HL	+ 13.40	FL	TE-CL	25	L7871	610
BOBBIN	X	16	33	101	S/N	6.25	1	18 TE-HL	+ 12.30	2ND TSP	TE-HL	1	L4332	480
BOBBIN	X			101	S/N	6.31	1	28 TE-HL	+ 10.25	2ND TSP	TE-HL	1	L4332	480
BOBBIN	X	17	24	101	S/N	9.19	1	25 TE-HL	+ 10.52	FL	TE-CL	24	S7675	610
BOBBIN	X			101	S/N	8.79	1	37 TE-HL	+ 14.30	FL	TE-CL	24	S7675	610
BOBBIN	X	17	25	101	S/N	7.92	1	31 TE-HL	+ 14.34	FL	TE-CL	24	S7675	610
BOBBIN	X	17	31	101	S/N	7.67	1	17 TE-HL	+ 9.44	FL	TE-CL	24	S7675	610
BOBBIN	X			101	S/N	5.54	1	19 TE-HL	+ 16.22	FL	TE-CL	24	S7675	610
BOBBIN	X	17	48	101	S/N	2.50	1	0 TE-HL	+ 17.02	FL	TE-CL	24	S7675	610
BOBBIN	X	17	72	101	S/N	10.89	1	17 TE-HL	+ 9.35	FL	TE-CL	56	C3556	610
BOBBIN	X	18	15	101	S/N	1.00	1	0 TE-HL	+ 8.37	FL	TE-CL	23	D3162	610
BOBBIN	X			101	S/N	6.57	1	28 TE-HL	+ 5.24	FL	TE-CL	23	B3720	610
BOBBIN	X	18	104	101	S/N	1.55	1	0 TE-HL	+ 12.92	FL	TE-CL	55	D3858	610
BOBBIN	X	19	21	101	S/N	5.79	1	20 TE-HL	+ 8.24	FL	TE-CL	23	B3720	610
BOBBIN	X	19	22	101	S/N	5.16	1	18 TE-HL	+ 4.42	FL	TE-CL	23	B3720	610
BOBBIN	X	19	29	101	S/N	7.43	1	19 TE-HL	+ 14.13	FL	TE-CL	23	B3720	610
BOBBIN	X	19	59	101	S/N	1.07	1	0 TE-HL	+ 16.05	FL	TE-CL	54	S7675	610
BOBBIN	X	20	28	101	S/N	3.96	1	0 TE-HL	+ 14.42	FL	TE-CL	22	D3162	610
BOBBIN	X	20	73	101	S/N	9.57	1	18 TE-HL	+ 10.18	FL	TE-CL	53	C3556	610
BOBBIN	X	21	58	101	S/N	5.73	1	29 TE-HL	+ 7.58	FL	TE-CL	53	C3556	610
BOBBIN	X	21	100	101	S/N	1.23	1	0 TE-HL	+ 14.23	FL	TE-CL	52	H7791	610
BOBBIN	X	22	55	101	S/N	6.67	1	0 TE-HL	+ 13.95	FL	TE-CL	21	H6643	610
BOBBIN	X	23	24	101	S/N	3.17	1	0 TE-HL	+ 16.89	FL	TE-CL	20	B3720	610
BOBBIN	X	23	29	101	S/N	4.49	1	0 TE-HL	+ 7.32	FL	TE-CL	20	H6643	610
BOBBIN	X	24	14	101	S/N	2.95	1	0 TE-HL	+ 12.88	FL	TE-CL	19	S2680	610
BOBBIN	X	24	36	101	S/N	3.94	1	0 TE-HL	+ 18.36	FL	TE-CL	19	H6643	610
BOBBIN	X	27	28	101	S/N	1.78	1	0 TE-HL	+ 8.91	FL	TE-CL	17	H4892	610
BOBBIN	X	27	47	101	S/N	10.15	1	25 TE-HL	+ 5.99	FL	TE-CL	17	H4892	610
BOBBIN	X	27	52	101	S/N	1.53	1	0 TE-HL	+ 5.38	FL	TE-CL	17	H4892	610
BOBBIN	X	27	61	101	S/N	2.02	1	0 TE-HL	+ 5.60	FL	TE-CL	48	B4260	610
BOBBIN	X			101	S/N	7.77	1	0 TE-HL	+ 8.75	FL	TE-CL	40	B4260	610
BOBBIN	X			101	S/N	1.64	1	0 TE-HL	+ 9.21	FL	TE-CL	48	B4260	610
BOBBIN	X	28	13	101	S/N	2.23	1	0 TE-HL	+ 10.39	FL	TE-CL	16	H0155	610
BOBBIN	X	29	16	101	S/N	1.83	1	0 TE-HL	+ 15.98	FL	TE-CL	16	D3162	610
BOBBIN	X	31	27	101	S/N	2.00	1	0 TE-HL	+ 10.39	FL	TE-CL	14	D3162	610
BOBBIN	X	32	35	101	S/N	27.90	1	65 TE-HL	+ 14.87	FL	TE-CL	14	S7675	610
BOBBIN	X			101	S/N	3.90	17	55 TE-HL	+ 16.85	FL	TE-CL	14	S7675	610
BOBBIN	X	33	42	101	S/N	1.77	1	0 TE-HL	+ 8.06	FL	TE-CL	12	H6643	610
BOBBIN	X	35	93	101	S/N	17.86	1	15 TE-HL	+ 12.24	FL	TE-CL	42	S7675	610
BOBBIN	X	35	97	101	S/N	7.27	1	18 TE-HL	+ 3.22	FL	TE-CL	42	S7675	610
BOBBIN	X	36	63	101	S/N	1.72	1	0 TE-HL	+ 15.04	FL	TE-CL	41	H7003	610
BOBBIN	X	36	66	101	S/N	3.81	1	20 TE-HL	+ 7.42	FL	TE-CL	42	H8551	610
BOBBIN	X	37	45	101	S/N	6.01	1	28 TE-HL	+ 12.38	FL	TE-CL	10	H6643	610
BOBBIN	X	38	55	101	S/N	4.91	1	0 TE-HL	+ 11.15	FL	TE-CL	10	H6643	610

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFO

Steam Generator: A

19 QUERY: ATTACHMENT 1 F*TTSES

TEST	ROW	COL	IND	XTY	VOLTS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
BOBBIN *	38	45	ID1	80	7.98	1	32	TE-HL	+	9.41	FL	TE-CL	10	M6643 610
BOBBIN *	38	57	ID1	S/W	3.41	1	0	TE-HL	+	14.15	FL	TE-CL	10	M6643 610
BOBBIN *	78	76	ID1	S/W	2.41	1	142	TE-HL	+	15.02	FL	TE-CL	40	L4332 610
BOBBIN *			ID1	S/W	1.22	1	130	TE-CL	+	8.12	FL	TE-CL	40	L4332 610
BOBBIN *			ID1	55	8.24	1	22	TE-CL	+	7.16	FL	TE-CL	40	L4332 610
BOBBIN *	38	79	ID1	S/K	1.47	1	127	TE-HL	+	4.41	FL	TE-CL	40	L4332 610
BOBBIN *	38	91	ID1	S/W	2.49	1	0	TE-HL	+	7.50	FL	TE-CL	41	M7006 610
BOBBIN *			ID1	S/W	2.80	1	0	TE-HL	+	11.34	FL	TE-CL	41	M7006 610
BOBBIN *	39	32	ID1	S/W	6.72	1	0	TE-HL	+	11.39	FL	TE-CL	9	D3162 610
BOBBIN *	39	81	ID1	85	2.68	1	34	TE-HL	+	3.60	FL	TE-CL	40	C3556 610
BOBBIN *	40	63	ID1	43	5.78	1	17	TE-HL	+	16.29	FL	TE-CL	39	S7675 610
BOBBIN *	41	70	ID1	S/W	8.53	1	0	TE-HL	+	11.72	2ND TSP	TE-HL	1	L4332 480
BOBBIN *	41	75	ID1	63	4.57	1	25	TE-HL	+	6.41	FL	TE-CL	39	S7675 610
BOBBIN *	41	82	ID1	75	11.80	1	30	TE-HL	+	3.24	FL	TE-CL	38	M6643 610
BOBBIN *	42	76	ID1	S/W	3.36	1	18	TE-HL	+	7.73	FL	TE-CL	38	R6656 610
BOBBIN *	43	68	ID1	65	6.92	1	26	TE-HL	+	13.23	FL	TE-CL	38	M6643 610
BOBBIN *	44	57	ID1	S/W	9.51	1	0	TE-HL	+	14.18	FL	TE-CL	6	D3162 610
BOBBIN *	44	61	ID1	S/W	4.62	1	116	TE-HL	+	7.98	FL	TE-CL	37	M8551 610
BOBBIN *	44	63	ID1	60	8.92	1	24	TE-HL	+	7.64	FL	TE-CL	37	K7060 610
BOBBIN *	45	51	ID1	S/W	14.16	1	0	TE-HL	+	14.66	FL	TE-CL	5	M0942 610
BOBBIN *	47	70	ID1	S/W	4.48	1	0	TE-HL	+	13.59	2ND TSP	TE-HL	1	L4332 480

TOTAL TUBES FOUND = 80
TOTAL INDICATIONS FOUND = 91
TOTAL TUBES IN INPUT FILE = 4676

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFOV

Steam Generator: A

19 QUERY: ATTACHMENT 1 F* TUBES

TEST	ROW	COL	IND	NTW	VOLTS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANIS	PRB	COMMENTS
H/L TS	2	4	101	S/W	0.12			U TTS-HL + 0.04	1ST TSP	TE-HL	51	M7006	610	
H/L TS	3	18	101	S/W	0.28			0 TTS-HL - 2.50	1ST TSP	TE-HL	51	M7006	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 2.54	1ST TSP	TE-HL	51	M7006	610	
H/L TS			101	S/W	0.35			0 TTS-HL - 2.50	1ST TSP	TE-HL	51	M7006	610	
H/L TS	4	16	101	S/W	0.32			0 TTS-HL - 2.96	1ST TSP	TE-HL	50	M7791	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 2.96	1ST TSP	TE-HL	50	M7791	610	
H/L TS			101	S/W	0.16			0 TTS-HL - 3.00	1ST TSP	TE-HL	50	M7791	610	
H/L TS	4	22	101	S/W	0.20			0 TTS-HL + 0.07	1ST TSP	TE-HL	50	M7791	610	
H/L TS	4	44	101	S/W	0.24			0 TTS-HL + 0.21	1ST TSP	TE-HL	51	M7006	610	
H/L TS	4	62	101	S/W	0.12			0 TTS-HL - 3.68	1ST TSP	TE-HL	27	R6452	610	
H/L TS	4	72	101	S/W	0.20			0 TTS-HL + 0.21	1ST TSP	TE-HL	27	R6452	610	
H/L TS			101	S/W	0.12			0 TTS-HL + 0.20	1ST TSP	TE-HL	27	R6452	610	
H/L TS	6	16	101	S/W	0.28			0 TTS-HL - 3.12	1ST TSP	TE-HL	49	M7791	610	
H/L TS			101	S/W	0.28			0 TTS-HL - 3.16	1ST TSP	TE-HL	49	M7791	610	
H/L TS			101	S/W	0.39			0 TTS-HL - 3.16	1ST TSP	TE-HL	49	M7791	610	
H/L TS	8	23	101	S/W	0.24			0 TTS-HL - 2.70	1ST TSP	TE-HL	48	M0155	610	
H/L TS			101	S/W	0.12			0 TTS-HL - 2.74	1ST TSP	TE-HL	48	M0155	610	
H/L TS			101	S/W	0.08			0 TTS-HL - 2.78	1ST TSP	TE-HL	48	M0155	610	
H/L TS	9	31	101	S/W	0.08			0 TTS-HL - 3.84	1ST TSP	TE-HL	48	M0155	610	
H/L TS	10	4	101	S/W	0.24			0 TTS-HL - 1.63	1ST TSP	TE-HL	47	R9311	610	
H/L TS			101	S/W	0.24			0 TTS-HL - 1.65	1ST TSP	TE-HL	47	R9311	610	
H/L TS	10	60	101	S/W	0.28			0 TTS-HL - 2.86	1ST TSP	TE-HL	23	M7006	610	
H/L TS	11	15	101	S/W	0.24			0 TTS-HL + 0.37	1ST TSP	TE-HL	47	R9311	610	
C/L TS	11	38	101	S/W	0.32	1		0 TTS-CL - 0.67	2ND TSP	TE-CL	19	C3556	610	
H/L TS	14	73	101	S/W	0.12	1		0 TTS-HL - 3.73	1ST TSP	TE-HL	21	R9311	610	
H/L TS			101	S/W	0.12	1		0 TTS-HL - 3.73	1ST TSP	TE-HL	21	R9311	610	
H/L TS			101	S/W	0.08	1		0 TTS-HL - 3.77	1ST TSP	TE-HL	21	R9311	610	
H/L TS			101	S/W	0.04	1		0 TTS-HL - 3.81	1ST TSP	TE-HL	21	R9311	610	
H/L TS			101	S/W	0.04	1		0 TTS-HL - 3.81	1ST TSP	TE-HL	21	R9311	610	
H/L TS	14	96	101	S/W	0.12	1		0 TTS-HL + 0.04	1ST TSP	TE-HL	21	R9311	610	
H/L TS	15	19	101	S/W	0.16			0 TTS-HL - 3.74	1ST TSP	TE-HL	44	S7675	610	
H/L TS	15	45	101	S/W	0.24			0 TTS-HL - 3.70	1ST TSP	TE-HL	44	S7675	610	
H/L TS			101	S/W	0.16			0 TTS-HL - 3.74	1ST TSP	TE-HL	44	S7675	610	
H/L TS	15	59	101	S/W	0.16	1		0 TTS-HL + 0.08	1ST TSP	TE-HL	21	R9311	610	
H/L TS	17	43	101	S/W	0.16			0 TTS-HL + 0.10	1ST TSP	TE-HL	43	S7675	610	
H/L TS	18	37	101	S/W	0.16			0 TTS-HL + 0.18	1ST TSP	TE-HL	43	S7675	610	
H/L TS			101	S/W	0.20			0 TTS-HL + 0.14	1ST TSP	TE-HL	43	S7675	610	
H/L TS			101	S/W	0.16			0 TTS-HL + 0.14	1ST TSP	TE-HL	43	S7675	610	
H/L TS	18	69	101	S/W	0.20	1		0 TTS-HL + 0.08	1ST TSP	TE-HL	18	S7675	610	
H/L TS	18	104	101	S/W	0.24			0 TTS-HL - 3.31	1ST TSP	TE-HL	19	R9311	610	
H/L TS	19	8	101	S/W	0.16			0 TTS-HL + 0.07	1ST TSP	TE-HL	42	R6452	610	
H/L TS	21	31	101	S/W	0.16			0 TTS-HL + 0.15	1ST TSP	TE-HL	41	R6452	610	
H/L TS	21	98	101	S/W	0.24			0 TTS-HL - 3.23	1ST TSP	TE-HL	17	S7675	610	
H/L TS	22	88	101	S/W	0.28	1		0 TTS-HL - 1.90	1ST TSP	TE-HL	16	S7675	610	
H/L TS	23	24	101	S/W	2.55	1		0 TTS-HL - 5.42	1ST TSP	TE-HL	58	M0155	590	
H/L TS	24	52	101	S/W	0.20			0 TTS-HL + 0.13	1ST TSP	TE-HL	40	R6452	610	
H/L TS	25	49	101	S/W	0.16			0 TTS-HL + 0.08	1ST TSP	TE-HL	53	R9311	610	
H/L TS	28	19	101	S/W	0.20			0 TTS-HL + 0.20	1ST TSP	TE-HL	37	K7060	610	
H/L TS	35	59	101	S/W	0.20	1		0 TTS-HL + 0.13	1ST TSP	TE-HL	6	S7675	610	
H/L TS	35	75	101	S/W	0.20	1		0 TTS-HL + 0.17	1ST TSP	TE-HL	6	S7675	610	
H/L TS	36	44	101	S/W	0.20	1		0 TTS-HL - 2.99	1ST TSP	TE-HL	34	S7675	610	
H/L TS	36	65	101	S/W	0.20	1		0 TTS-HL - 2.10	1ST TSP	TE-HL	3	S7675	610	
H/L TS	38	31	101	S/W	0.32			0 TTS-HL - 0.91	1ST TSP	TE-HL	33	M0554	610	
H/L TS	38	69	101	S/W	0.16	1		0 TTS-HL + 0.17	1ST TSP	TE-HL	5	S7675	610	
H/L TS	39	26	101	S/W	0.16			0 TTS-HL + 0.08	1ST TSP	TE-HL	53	M0554	610	
H/L TS	39	72	101	S/W	0.16			0 TTS-HL - 0.89	1ST TSP	TE-HL	4	S7675	610	
H/L TS	40	43	101	S/W	0.20			0 TTS-HL - 3.77	1ST TSP	TE-HL	32	M0554	610	
H/L TS			101	S/W	0.12			0 TTS-HL - 3.85	1ST TSP	TE-HL	32	M0554	610	
H/L TS	41	36	101	S/W	0.08			0 TTS-HL + 0.12	1ST TSP	TE-HL	32	M0554	610	
H/L TS	44	67	101	S/W	0.16	1		0 TTS-HL + 0.16	1ST TSP	TE-HL	2	K7060	610	

TOTAL TUBES FOUND = 42
TOTAL INDICATIONS FOUND = 60
TOTAL TUBES IN INPUT FILE = 4674

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFO

Steam Generator: B

QUERY: ATTACHMENT 2 F3 TUBES

TEST	ROW	COL	IND	NTW	VOLTS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
BOBBIN	5	62	101	S/W	5.74	1	10	TE-HL	+ 19.14	FL	TE-CL	32	T9924	610
BOBBIN	5	70	101	83	8.25	1	33	TE-HL	+ 4.88	FL	TE-CL	32	R2495	610
BOBBIN	6	69	101	48	4.44	1	19	TE-HL	+ 8.65	FL	TE-CL	32	J1978	610
BOBBIN	6	70	101	53	6.30	1	21	TE-HL	+ 7.69	FL	TE-CL	32	J1978	610
BOBBIN	7	94	101	S/W	1.33	1	0	TE-HL	+ 11.25	FL	TE-CL	31	D7940	610
BOBBIN	10	59	101	78	13.81	1	31	TE-HL	+ 12.19	FL	TE-CL	28	G6495	610
BOBBIN	10	104	101	S/W	2.19	1	0	TE-HL	+ 7.37	FL	TE-CL	29	T9311	610
BOBBIN			101	S/W	3.85	1	0	TE-HL	+ 15.17	FL	TE-CL	28	T9311	610
BOBBIN	11	8	101	S/W	5.17	1	0	TE-HL	+ 4.66	FL	TE-CL	40	D9021	610
BOBBIN	11	77	101	S/W	8.24	1	120	TE-HL	+ 10.36	FL	TE-CL	27	K7060	610
BOBBIN	11	81	101	98	7.27	1	44	TE-HL	+ 18.09	FL	TE-CL	27	K7060	610
BOBBIN	12	54	101	S/W	4.50	3	0	TE-HL	+ 15.73	2ND TSP	TE-HL	16	M6871	480
BOBBIN			101	S/W	4.39	3	0	TE-HL	+ 11.78	2ND TSP	TE-HL	16	M6871	480
BOBBIN	12	113	101	S/W	3.64	1	90	TE-HL	+ 16.98	FL	TE-CL	26	R6656	610
BOBBIN	13	65	101	S/W	5.05	1	24	TE-HL	+ 12.25	FL	TE-CL	26	R6656	610
BOBBIN	13	76	101	55	5.74	1	22	TE-HL	+ 11.46	2ND TSP	TE-HL	16	T9924	480
BOBBIN			101	S/W	10.53	1	0	TE-HL	+ 9.83	2ND TSP	TE-HL	16	M6871	480
BOBBIN	13	96	101	S/W	6.27	1	150	TE-HL	+ 6.19	FL	TE-CL	26	R6656	610
BOBBIN			101	S/W	6.47	1	142	TE-HL	+ 9.09	FL	TE-CL	26	R6656	610
BOBBIN	14	98	101	S/W	7.82	1	15	TE-HL	+ 2.59	2ND TSP	TE-HL	16	T9924	480
BOBBIN			101	50	8.81	1	20	TE-HL	+ 8.08	2ND TSP	TE-HL	16	M6871	480
BOBBIN	15	64	101	58	5.68	1	22	TE-HL	+ 18.18	FL	TE-CL	24	T9924	610
BOBBIN	16	59	101	63	9.46	1	25	TE-HL	+ 8.52	FL	TE-CL	24	T9924	610
BOBBIN	17	62	101	S/W	2.14	1	27	TE-HL	+ 13.23	FL	TE-CL	23	M0554	610
BOBBIN	17	74	101	S/W	2.60	1	84	TE-HL	+ 16.82	FL	TE-CL	23	M0554	610
BOBBIN	17	99	101	S/W	5.76	1	16	TE-HL	+ 18.17	FL	TE-CL	23	M0554	610
BOBBIN	18	71	101	S/W	0.59	1	75	TE-HL	+ 17.37	FL	TE-CL	23	M0554	610
BOBBIN	18	82	101	S/W	11.31	1	0	TE-HL	+ 16.24	FL	TE-CL	22	M0942	610
BOBBIN	18	94	101	68	10.21	1	27	TE-HL	+ 12.26	2ND TSP	TE-HL	16	M6871	480
BOBBIN	18	103	101	S/W	4.84	1	0	TE-HL	+ 17.72	FL	TE-CL	22	M4892	610
BOBBIN	20	65	101	83	6.00	1	33	TE-HL	+ 12.12	FL	TE-CL	21	M6643	610
BOBBIN	20	55	101	50	10.46	1	20	TE-HL	+ 7.49	FL	TE-CL	21	M6643	610
BOBBIN	21	53	101	S/W	2.71	3	0	TE-HL	+ 12.80	2ND TSP	TE-HL	16	M6871	480
BOBBIN	21	74	101	73	16.60	1	30	TE-HL	+ 16.18	FL	TE-CL	20	M0942	610
BOBBIN	23	92	101	68	11.34	1	27	TE-HL	+ 5.43	FL	TE-CL	19	K7060	610
BOBBIN	26	58	101	S/W	0.83	1	74	TE-HL	+ 10.31	FL	TE-CL	17	S2680	610
BOBBIN	27	27	101	S/W	1.98	1	0	TE-HL	+ 15.83	FL	TE-CL	47	83720	610
BOBBIN	27	69	101	60	5.28	1	24	TE-HL	+ 8.24	FL	TE-CL	15	H7791	610
BOBBIN			101	68	5.09	1	27	TE-HL	+ 7.30	FL	TE-CL	15	H7791	610
BOBBIN	27	93	101	88	17.01	1	35	TE-HL	+ 14.10	2ND TSP	TE-HL	16	M6871	480
BOBBIN	27	101	101	40	5.98	17	16	TE-HL	+ 15.00	FL	TE-CL	17	M0554	610
BOBBIN	28	100	101	S/W	10.20	1	7	TE-HL	+ 13.33	FL	TE-CL	15	H7791	610
BOBBIN	29	48	101	58	7.91	1	23	TE-HL	+ 18.26	FL	TE-CL	45	M7006	610
BOBBIN	29	92	101	50	11.92	1	20	TE-HL	+ 14.54	FL	TE-CL	14	H7791	610
BOBBIN	30	78	101	S/W	8.07	1	0	TE-HL	+ 13.28	FL	TE-CL	12	H3664	610
BOBBIN	32	33	101	S/W	1.22	1	0	TE-CL	+ 18.64	FL	TE-CL	43	J1978	610
BOBBIN	32	95	101	S/W	1.50	1	0	TE-HL	+ 11.22	FL	TE-CL	10	M6871	610
BOBBIN	33	80	101	S/W	3.04	1	0	TE-HL	+ 9.44	FL	TE-CL	10	M6871	610
BOBBIN	34	80	101	83	21.46	1	33	TE-HL	+ 9.33	FL	TE-CL	9	J1978	610
BOBBIN			101	S/W	7.34	1	18	TE-HL	+ 7.24	FL	TE-CL	9	M0942	610
BOBBIN	38	95	101	S/W	9.36	1	14	TE-HL	+ 11.42	FL	TE-CL	7	L4332	610
BOBBIN	41	78	101	44	5.17	1	17	TE-HL	+ 14.07	FL	TE-CL	5	M6643	610
BOBBIN	42	82	101	S/W	4.08	1	42	TE-HL	+ 6.33	FL	TE-CL	4	C3340	610
BOBBIN	43	71	101	S/W	4.33	1	45	TE-HL	+ 9.07	FL	TE-CL	4	C3340	610
BOBBIN	45	54	101	S/W	0.89	1	0	TE-HL	+ 14.23	FL	TE-CL	3	M4892	610
BOBBIN	46	60	101	S/W	1.86	1	0	TE-HL	+ 10.13	FL	TE-CL	2	D9021	610
BOBBIN	47	69	101	S/W	8.49	1	8	TE-HL	+ 3.45	FL	TE-CL	2	M6643	610
BOBBIN			101	S/W	6.15	1	7	TE-HL	+ 8.19	FL	TE-CL	2	M6643	610
BOBBIN	48	58	101	S/W	1.30	1	150	TE-HL	+ 13.20	FL	TE-CL	1	M6643	610
BOBBIN	49	63	101	S/W	0.91	1	112	TE-HL	+ 4.54	FL	TE-CL	1	D3858	610
BOBBIN	49	82	101	53	7.86	1	21	TE-HL	+ 14.08	FL	TE-CL	1	H7791	610

TOTAL TUBES FOUND = 53
TOTAL INDICATIONS FOUND = 61
TOTAL TUBES IN INPUT FILE = 4674

* = F * Tube

Plant: McGuire Unit 2
Outage: 01/92 RFOU

Steam Generator: 8

19 QUERY: ATTACHMENT 2 F* TUBES

TEST	ROW	COL	IND	%W	VOLTS	CHW	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
H/L TS	2	89	101	S/W	0.20			0 TTS-HL + 0.16	1ST TSP	TE-HL	20	C3340	610	
H/L TS	2	91	101	S/W	0.24			0 TTS-HL + 0.16	1ST TSP	TE-HL	20	C3340	610	
H/L TS	2	103	101	S/W	0.20			0 TTS-HL + 0.10	1ST TSP	TE-HL	25	H7791	610	
H/L TS	3	50	101	S/W	0.43	1		0 TTS-HL - 0.08	1ST TSP	TE-HL	49	G6495	610	
H/L TS	4	50	101	S/W	0.28			0 TTS-HL - 2.96	1ST TSP	TE-HL	49	G6495	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 3.03	1ST TSP	TE-HL	49	G6495	610	
H/L TS			101	S/W	0.16			0 TTS-HL - 3.07	1ST TSP	TE-HL	49	G6495	610	
H/L TS	4	89	101	S/W	0.16			0 TTS-HL + 0.04	1ST TSP	TE-HL	24	M0554	610	
H/L TS	4	110	101	S/W	0.20	1		0 TTS-HL + 0.21	1ST TSP	TE-HL	53	S3860	610	
H/L TS			101	S/W	0.12	1		0 TTS-HL + 0.14	1ST TSP	TE-HL	53	S3860	610	
H/L TS	5	62	101	S/W	0.24			0 TTS-HL - 1.89	1ST TSP	TE-HL	24	M0554	610	
H/L TS	5	91	101	S/W	0.20			0 TTS-HL + 0.20	1ST TSP	TE-HL	53	S3860	610	
H/L TS	X 6	54	101	S/W	0.12	1		0 TTS-HL - 2.83	1ST TSP	TE-HL	48	W4892	610	
H/L TS			101	S/W	0.16	1		0 TTS-HL - 2.83	1ST TSP	TE-HL	48	W4892	610	
H/L TS	6	73	101	S/W	0.12			0 TTS-HL + 0.00	1ST TSP	TE-HL	23	M7006	610	
H/L TS	6	93	101	S/W	0.04			0 TTS-HL + 0.04	1ST TSP	TE-HL	23	M7006	610	
H/L TS	7	81	101	S/W	0.20			0 TTS-HL + 0.04	1ST TSP	TE-HL	22	M0554	610	
H/L TS			101	S/W	0.16			0 TTS-HL + 0.00	1ST TSP	TE-HL	22	M0554	610	
H/L TS	8	60	101	S/W	0.24			0 TTS-HL + 0.16	1ST TSP	TE-HL	21	C3340	610	
H/L TS	8	92	101	S/W	0.16			0 TTS-HL + 0.16	1ST TSP	TE-HL	22	M0554	610	
H/L TS	9	90	101	S/W	0.43			0 TTS-HL - 3.52	1ST TSP	TE-HL	21	C3340	610	
H/L TS			101	S/W	0.51			0 TTS-HL - 3.56	1ST TSP	TE-HL	21	C3340	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 3.68	1ST TSP	TE-HL	21	C3340	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 3.72	1ST TSP	TE-HL	21	C3340	610	
H/L TS	11	81	101	S/W	0.24			0 TTS-HL - 2.80	1ST TSP	TE-HL	19	M0155	610	
H/L TS			101	S/W	0.16			0 TTS-HL - 2.84	1ST TSP	TE-HL	19	M0155	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 2.84	1ST TSP	TE-HL	19	M0155	610	
H/L TS	12	113	101	S/W	0.35			0 TTS-HL - 3.94	1ST TSP	TE-HL	19	M0155	610	
H/L TS	X 15	64	101	S/W	0.20			0 TTS-HL - 2.43	1ST TSP	TE-HL	17	H7791	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 2.47	1ST TSP	TE-HL	17	H7791	610	
H/L TS			101	S/W	0.20			0 TTS-HL - 2.47	1ST TSP	TE-HL	17	H7791	610	
H/L TS			101	S/W	0.16			0 TTS-HL - 2.47	1ST TSP	TE-HL	17	H7791	610	
H/L TS			101	S/W	0.12			0 TTS-HL - 2.51	1ST TSP	TE-HL	17	H7791	610	
C/L TS	15	104	101	S/W	0.12	1		0 TTS-CL - 1.72	22ND TSP	TE-CL	42	T4004	610	
H/L TS	17	70	101	S/W	0.20			0 TTS-HL - 0.06	1ST TSP	TE-HL	16	H7791	610	
H/L TS	X 17	74	101	S/W	0.20			0 TTS-HL - 4.08	1ST TSP	TE-HL	16	H7791	610	
H/L TS	17	99	101	S/W	0.32	1		0 TTS-HL - 2.56	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.28	1		0 TTS-HL - 2.64	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.24	1		0 TTS-HL - 2.64	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.16	1		0 TTS-HL - 2.64	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.08	1		0 TTS-HL - 2.64	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.16	1		0 TTS-HL - 2.64	1ST TSP	TE-HL	15	M7006	610	
H/L TS	18	45	101	S/W	0.12			0 TTS-HL + 0.00	1ST TSP	TE-HL	41	M7006	610	
H/L TS	X 18	71	101	S/W	0.75	1		0 TTS-HL - 3.16	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.55	1		0 TTS-HL - 3.40	1ST TSP	TE-HL	15	M7006	610	
H/L TS	X 18	103	101	S/W	0.32	1		0 TTS-HL - 2.75	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.32	1		0 TTS-HL - 2.75	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.28	1		0 TTS-HL - 2.79	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.20	1		0 TTS-HL - 2.79	1ST TSP	TE-HL	15	M7006	610	
H/L TS			101	S/W	0.12	1		0 TTS-HL - 2.83	1ST TSP	TE-HL	15	M7006	610	
H/L TS	20	94	101	S/W	0.20			0 TTS-HL - 3.80	1ST TSP	TE-HL	14	S7675	610	
H/L TS	22	79	101	S/W	0.16			0 TTS-HL + 0.15	1ST TSP	TE-HL	13	H8259	610	
H/L TS	23	62	101	S/W	0.30			0 TTS-HL + 0.06	1ST TSP	TE-HL	12	W4892	610	
H/L TS	26	82	101	S/W	0.16			0 TTS-HL - 0.40	1ST TSP	TE-HL	11	C3340	610	
H/L TS	27	57	101	S/W	0.16			0 TTS-HL + 0.05	1ST TSP	TE-HL	35	H7791	610	
H/L TS	27	61	101	S/W	0.16			0 TTS-HL - 0.10	1ST TSP	TE-HL	10	C3340	610	
H/L TS	29	48	101	S/W	0.32	1		0 TTS-HL - 2.55	1ST TSP	TE-HL	34	S7675	610	
H/L TS			101	S/W	0.24	1		0 TTS-HL - 2.67	1ST TSP	TE-HL	34	S7675	610	
H/L TS			101	S/W	0.20	1		0 TTS-HL - 2.67	1ST TSP	TE-HL	34	S7675	610	
H/L TS	32	95	101	S/W	0.35			0 TTS-HL - 3.99	1ST TSP	TE-HL	8	H7791	610	
H/L TS			101	S/W	0.32			0 TTS-HL - 4.07	1ST TSP	TE-HL	8	H7791	610	
H/L TS	33	85	101	S/W	0.28	1		0 TTS-HL - 3.14	1ST TSP	TE-HL	7	H7791	610	
H/L TS	41	83	101	S/W	0.24			0 TTS-HL - 1.06	1ST TSP	TE-HL	3	C3340	610	
H/L TS	44	77	101	S/W	0.32	1		0 TTS-HL - 2.78	1ST TSP	TE-HL	2	C3340	610	
H/L TS			101	S/W	0.16	1		0 TTS-HL - 2.82	1ST TSP	TE-HL	2	C3340	610	
H/L TS			101	S/W	0.16	1		0 TTS-HL - 2.82	1ST TSP	TE-HL	2	C3340	610	

TOTAL TUBES FOUND = 37
TOTAL INDICATIONS FOUND = 66
TOTAL TUBES IN INPUT FILE = 4674

X = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFD

Steam Generator: C

19 QUERY: ATTACHMENT 3 F* TUBES

TEST	ROW	COL	IND	STM	VOLTS	CHR	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS		
BOBBIN	*	2	39	ID1 S/N	4.88	1	0	TE-HL	+	4.12	FL	TE-CL	77	W4892	590	
BOBBIN				ID1 S/N	4.09	1	0	TE-HL	+	4.31	FL	TE-CL	74	M0554	590	
BOBBIN	*	2	97	ID1	85	5.45	1	33	TE-HL	+	10.81	FL	TE-CL	69	L7871	580
BOBBIN	*	2	107	ID1	46	4.85	1	18	TE-HL	+	4.06	FL	TE-CL	69	L7871	580
BOBBIN	*	4	53	ID1	50	17.56	1	24	TE-HL	+	5.94	FL	TE-CL	35	M7006	610
BOBBIN	*	4	56	ID1 S/N	1.29	1	0	TE-CL	+	7.02	FL	TE-CL	35	S2680	610	
BOBBIN	*	4	88	ID1	65	18.47	1	26	TE-HL	+	12.35	L	TE-CL	66	S2680	610
BOBBIN	*	5	26	ID1 S/N	3.48	1	112	TE-HL	+	11.21	FL	TE-CL	34	R6656	610	
BOBBIN	*	5	44	ID1 S/N	5.14	1	0	TE-HL	+	17.02	FL	TE-CL	35	S2680	610	
BOBBIN	*	6	97	ID1 S/N	2.98	1	0	TE-HL	+	7.81	FL	TE-CL	65	H7791	610	
BOBBIN	*	7	74	ID1	93	2.08	1	37	TE-HL	+	17.88	FL	TE-CL	64	H3464	610
BOBBIN	*	8	10	ID1 S/N	2.64	1	116	TE-HL	+	13.17	FL	TE-CL	32	B4260	610	
BOBBIN				ID1 S/N	4.26	1	142	TE-HL	+	17.57	FL	TE-CL	32	B4260	610	
BOBBIN	*	9	17	ID1	72	0.76	1	77	TE-HL	+	12.51	FL	TE-CL	32	B4260	610
BOBBIN				ID1 S/N	11.86	1	15	TE-HL	+	17.25	FL	TE-CL	32	B4260	610	
BOBBIN	*	10	50	ID1	88	6.94	1	35	TE-CL	+	10.37	FL	TE-CL	31	C3340	610
BOBBIN	*	10	59	ID1 S/N	4.49	1	0	TE-HL	+	15.11	FL	TE-CL	63	S2680	610	
SLV X-WND		10	A1	OD1 S/N	8.15	1	0	TTS-HL	+	11.34	2ND TSP	TE-HL	5	C3340	500	
BOBBIN	*	12	27	ID1	83	3.57	1	33	TE-HL	+	12.40	FL	TE-CL	30	D3858	610
BOBBIN		12	76	OD1	28	0.51	1	115	TTS-HL	+	3.45	FL	TE-CL	61	T9093	610
HL S.I.				OD1 S/N	11.30	2	16	TTS-HL	+	3.66	TTS-HL	TE-HL	1	J1978	590	
BOBBIN	*	13	66	ID1	50	8.97	1	20	TE-HL	+	16.18	FL	TE-CL	60	H3464	610
BOBBIN				ID1 S/N	3.98	1	11	TE-HL	+	14.25	FL	TE-CL	60	H3464	610	
BOBBIN				ID1	43	6.66	1	17	TE-HL	+	10.39	FL	TE-CL	60	H3464	610
BOBBIN	*	13	76	ID1	68	7.37	1	27	TE-HL	+	14.37	FL	TE-CL	60	H3464	610
BOBBIN				ID1	43	3.74	1	17	TE-HL	+	17.18	FL	TE-CL	60	H3464	610
BOBBIN	*	14	23	ID1	43	14.74	1	17	TE-HL	+	13.18	FL	TE-CL	28	C3340	610
BOBBIN	*	14	67	ID1 S/N	4.43	1	13	TE-HL	+	3.43	FL	TE-CL	60	J1978	610	
BOBBIN				ID1	58	6.01	1	23	TE-HL	+	7.36	FL	TE-CL	60	J1978	610
BOBBIN	*	14	71	ID1	48	4.36	1	19	TE-HL	+	10.30	FL	TE-CL	60	J1978	610
BOBBIN				ID1	70	7.81	1	28	TE-HL	+	15.19	FL	TE-CL	60	J1978	610
BOBBIN				ID1 S/N	8.77	1	15	TE-HL	+	16.08	FL	TE-CL	60	J1978	610	
BOBBIN	*	14	72	ID1 S/N	6.69	1	15	TE-HL	+	18.17	FL	TE-CL	60	J1978	610	
BOBBIN		14	76	ID1	53	3.95	1	21	TE-HL	+	19.18	FL	TE-CL	60	J1978	610
BOBBIN	*	16	96	ID1 S/N	1.51	1	0	TE-HL	+	5.56	FL	TE-CL	58	J1978	610	
BOBBIN	*	17	11	ID1 S/N	6.54	1	168	TE-HL	+	16.90	FL	TE-CL	26	S2680	610	
BOBBIN				ID1	40	4.71	1	18	TTS-HL	+	2.13	FL	TE-CL	26	M0554	610
BOBBIN	*	19	24	ID1 S/N	1.61	1	0	TE-HL	+	17.12	FL	TE-CL	24	W6871	610	
BOBBIN	*	20	20	ID1 S/N	7.02	1	75	TE-HL	+	14.06	FL	TE-CL	24	B3720	610	
BOBBIN	*	22	14	ID1 S/N	2.40	1	0	TE-HL	+	17.98	FL	TE-CL	21	H7791	610	
BOBBIN	*	25	27	ID1 S/N	5.87	1	136	TE-HL	+	9.37	FL	TE-CL	20	R2495	610	
BOBBIN	*	26	27	ID1 S/N	3.87	1	0	TE-HL	+	14.99	FL	TE-CL	19	M7006	610	
BOBBIN	*	26	105	ID1	40	3.80	1	35	TE-CL	+	10.37	FL	TE-CL	51	W4892	610
BOBBIN	*	29	44	ID1 S/N	8.88	1	43	TE-HL	+	6.51	FL	TE-CL	17	T9924	610	
BOBBIN	*	33	95	ID1 S/N	1.09	1	124	TE-HL	+	8.37	FL	TE-CL	47	R2495	610	
BOBBIN		34	13	ID1 S/N	1.66	1	50	TE-CL	+	15.01	FL	TE-CL	12	H3464	610	
BOBBIN				ID1	55	2.26	1	22	TE-CL	+	15.99	FL	TE-CL	12	H3464	610
BOBBIN				ID1	68	1.60	1	27	TE-CL	+	17.01	FL	TE-CL	12	H3464	610
BOBBIN				ID1	50	2.32	1	20	TE-CL	+	17.97	FL	TE-CL	12	H3464	610
BOBBIN	*	34	21	ID1 S/N	1.20	1	138	TE-HL	+	3.88	FL	TE-CL	12	H3464	610	
BOBBIN	*	34	36	ID1 S/N	0.57	1	96	TE-HL	+	8.72	FL	TE-CL	12	T9093	610	
BOBBIN	*	34	39	ID1 S/N	1.38	1	41	TE-CL	+	2.40	FL	TE-CL	12	H3464	610	
BOBBIN	*	35	33	ID1 S/N	1.85	1	14	TE-CL	+	18.03	FL	TE-CL	11	C3340	610	
BOBBIN	*	35	48	ID1	80	13.56	1	32	TE-HL	+	1.67	FL	TE-CL	11	C3340	610
BOBBIN				ID1	48	7.13	1	19	TE-HL	+	2.64	FL	TE-CL	11	C3340	610
BOBBIN	*	37	44	ID1	41	6.90	1	14	TE-HL	+	14.36	FL	TE-CL	9	D3162	610
BOBBIN	*	38	79	ID1 S/N	0.68	1	0	TE-HL	+	16.19	FL	TE-CL	43	H7791	610	
BOBBIN	*	40	53	ID1 S/N	2.65	1	0	TE-HL	+	9.31	FL	TE-CL	42	S7675	610	
BOBBIN		45	64	ID1 S/N	2.26	1	22	TTS-CL	+	0.77	FL	TE-CL	39	B5371	610	

TOTAL TUBES FOUND = 44
TOTAL INDICATIONS FOUND = 59
TOTAL TUBES IN INPUT FILE = 4674

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFOA

Steam Generator: C

19 QUERY: ATTACHMENT 3 F* TUBES

TEST	ROW	COL	IND	XTW	VOLTS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
H/L TS	3	50	101	S/W	0.28		0	TTS-HL	- 2.04	1ST TSP	TE-HL	68	M0554	610
H/L TS	4	57	101	S/W	0.24	1	0	TTS-HL	- 4.10	1ST TSP	TE-HL	50	M0554	610
H/L TS	5	44	101	S/W	0.16		0	TTS-HL	+ 0.00	1ST TSP	TE-HL	47	D7949	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 4.01	1ST TSP	TE-HL	47	D7949	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 4.05	1ST TSP	TE-HL	47	D7949	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 4.05	1ST TSP	TE-HL	47	D7949	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 4.05	1ST TSP	TE-HL	47	D7949	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 4.09	1ST TSP	TE-HL	47	D7949	610
H/L TS			101	S/W	0.08		0	TTS-HL	- 4.16	1ST TSP	TE-HL	47	D7949	610
H/L TS	5	55	101	S/W	0.20		0	TTS-HL	+ 0.08	1ST TSP	TE-HL	47	D7949	610
H/L TS	6	80	101	S/W	0.14		0	TTS-HL	- 3.07	1ST TSP	TE-HL	22	S4373	610
H/L TS	6	97	101	S/W	0.12	1	0	TTS-HL	- 1.95	1ST TSP	TE-HL	23	H7791	610
H/L TS			101	S/W	0.20	1	0	TTS-HL	- 1.95	1ST TSP	TE-HL	23	H7791	610
H/L TS			101	S/W	0.12	1	0	TTS-HL	- 1.99	1ST TSP	TE-HL	23	H7791	610
H/L TS			101	S/W	0.12	1	0	TTS-HL	- 1.99	1ST TSP	TE-HL	23	H7791	610
H/L TS	7	23	101	S/W	0.16		0	TTS-HL	- 4.07	1ST TSP	TE-HL	46	M6643	610
H/L TS	7	40	101	S/W	0.39		0	TTS-HL	- 3.87	1ST TSP	TE-HL	46	M6643	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 4.07	1ST TSP	TE-HL	46	M6643	610
H/L TS	7	76	101	S/W	0.39		0	TTS-HL	- 3.44	1ST TSP	TE-HL	22	S4373	610
H/L TS	*8	19	101	S/W	0.32		0	TTS-HL	- 4.10	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 4.14	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 3.18	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.32		0	TTS-HL	- 3.18	1ST TSP	TE-HL	45	M0155	610
H/L TS	*9	17	101	S/W	0.28		0	TTS-HL	- 3.97	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 4.00	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 4.00	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 4.04	1ST TSP	TE-HL	45	M0155	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 4.04	1ST TSP	TE-HL	45	M0155	610
H/L TS	*11	45	101	S/W	0.12		0	TTS-HL	- 4.07	1ST TSP	TE-HL	44	M6643	610
H/L TS	*12	68	101	S/W	0.47		0	TTS-HL	- 3.41	1ST TSP	TE-HL	20	K7060	610
H/L TS			101	S/W	0.47		0	TTS-HL	- 3.41	1ST TSP	TE-HL	20	K7060	610
H/L TS			101	S/W	0.43		0	TTS-HL	- 3.45	1ST TSP	TE-HL	20	K7060	610
H/L TS			101	S/W	0.43		0	TTS-HL	- 3.63	1ST TSP	TE-HL	19	H7791	610
H/L TS			101	S/W	0.39		0	TTS-HL	- 3.67	1ST TSP	TE-HL	19	H7791	610
H/L TS			101	S/W	0.35		0	TTS-HL	- 3.71	1ST TSP	TE-HL	19	H7791	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 3.83	1ST TSP	TE-HL	19	H7791	610
H/L TS	*13	74	101	S/W	0.28		0	TTS-HL	- 3.03	1ST TSP	TE-HL	19	H7791	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 3.03	1ST TSP	TE-HL	19	H7791	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 3.03	1ST TSP	TE-HL	19	H7791	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 3.03	1ST TSP	TE-HL	19	H7791	610
H/L TS	14	17	101	S/W	0.08	1	0	TTS-HL	- 3.77	1ST TSP	TE-HL	42	S7675	610
H/L TS	*14	35	101	S/W	0.08	1	0	TTS-HL	- 3.81	1ST TSP	TE-HL	42	S7675	610
H/L TS	14	63	101	S/W	0.20		0	TTS-HL	- 3.19	1ST TSP	TE-HL	18	H8259	610
H/L TS	*14	72	101	S/W	0.28		0	TTS-HL	- 2.97	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.28		0	TTS-HL	- 2.97	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 2.97	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.20		0	TTS-HL	- 2.97	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.16		0	TTS-HL	- 3.01	1ST TSP	TE-HL	18	H8259	610
H/L TS	14	76	101	S/W	0.12		0	TTS-HL	- 2.00	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.12		0	TTS-HL	- 2.00	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 2.04	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.04		0	TTS-HL	- 2.20	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.04		0	TTS-HL	- 2.20	1ST TSP	TE-HL	18	H8259	610
H/L TS			101	S/W	0.04		0	TTS-HL	- 2.20	1ST TSP	TE-HL	18	H8259	610
H/L TS	*14	78	101	S/W	0.32		0	TTS-HL	- 3.90	1ST TSP	TE-HL	18	H8259	610
H/L TS	15	69	101	S/W	0.20		0	TTS-HL	- 0.87	1ST TSP	TE-HL	18	H8259	610
H/L TS	17	11	101	S/W	0.32		0	TTS-HL	- 4.16	1ST TSP	TE-HL	40	D7949	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 4.20	1ST TSP	TE-HL	40	D7949	610
H/L TS			101	S/W	0.24		0	TTS-HL	- 4.20	1ST TSP	TE-HL	40	D7949	610
H/L TS			101	S/W	0.28		0	TTS-HL	- 4.20	1ST TSP	TE-HL	40	D7949	610
H/L TS	*17	30	101	S/W	0.24		0	TTS-HL	- 4.11	1ST TSP	TE-HL	40	D7949	610
H/L TS	*17	43	101	S/W	0.51		0	TTS-HL	- 3.01	1ST TSP	TE-HL	40	D7949	610
H/L TS	18	24	101	S/W	0.32		0	TTS-HL	- 4.16	1ST TSP	TE-HL	40	D7949	610
H/L TS	*18	61	101	S/W	0.30		0	TTS-HL	- 4.12	1ST TSP	TE-HL	15	R4142	610
H/L TS	19	24	101	S/W	0.28		0	TTS-HL	- 4.11	1ST TSP	TE-HL	39	W4892	610
H/L TS	19	55	101	S/W	0.20		0	TTS-HL	- 0.07	1ST TSP	TE-HL	39	W4892	610
H/L TS	*19	63	101	S/W	0.30		0	TTS-HL	- 4.10	1ST TSP	TE-HL	15	R4142	610
H/L TS	*20	62	101	S/W	0.30		0	TTS-HL	- 4.16	1ST TSP	TE-HL	14	S4373	610
H/L TS	21	39	101	S/W	0.24		0	TTS-HL	- 3.18	1ST TSP	TE-HL	38	C3340	610
H/L TS	21	47	101	S/W	0.55		0	TTS-HL	- 3.72	1ST TSP	TE-HL	38	C3340	610

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFOH

Steam Generator: C

19 QUERY: ATTACHMENT 3 F* TUBES

TEST	ROW	COL	IND	XTW	VOLTS	CHN	DEG	LOCATION	EXTENT	IFG	TAPE	AMLST	PRE	COMMENTS
H/L TS	23	14	ID1	S/W	0.28	0	TTS-HL	- 3.07	1ST TSP	YE-HL	37	C3340	610	
H/L TS	23	58	ID1	S/W	3.20	1	207 TTS-HL	- 3.22	1ST TSP	TE-HL	13	L7871	610	
H/L TS	39	22	ID1	S/W	1.16	0	TTS-HL	+ 0.10	1ST TSP	TE-HL	28	C3340	610	
TOTAL TUBES FOUND = 35														
TOTAL INDICATIONS FOUND = 73														
TOTAL TUBES IN INPUT FILE = 674														

* = F* Tube

Plant: McGuire Unit 2
Outages: 01/92 RPOW

Steam Generator: D

19 QUERY: ATTACHMENT 4 F* TUBES

TEST	ROW	COL	IND	STM	VOLTS	CIN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	TRB	COMMENTS
H/L TS	3	28	ID1	S/W	0.20			0 TTS-HL - 3.12	1ST TSP	TE-HL	51	D7949	610	
H/L TS	3	111	ID1	S/W	0.20			0 TTS-HL - 3.09	1ST TSP	TE-HL	24	C3340	610	
H/L TS	4	81	ID1	S/W	0.24			0 TTS-HL - 3.04	1ST TSP	TE-HL	23	M7006	610	
H/L TS			ID1	S/W	0.16			0 TTS-HL - 0.04	1ST TSP	TE-HL	23	M7006	610	
H/L TS	4	113	ID1	S/W	0.16			0 TTS-HL - 0.09	1ST TSP	TE-HL	24	C3340	610	
H/L TS	6	27	ID1	S/W	0.16			0 TTS-HL - 1.12	1ST TSP	TE-HL	48	M0155	610	
H/L TS			ID1	S/W	0.16			0 TTS-HL - 1.16	1ST TSP	TE-HL	48	M0155	610	
H/L TS			ID1	S/W	0.08			0 TTS-HL - 1.16	1ST TSP	TE-HL	48	M0155	610	
H/L TS			ID1	S/W	0.12			0 TTS-HL - 1.16	1ST TSP	TE-HL	48	M0155	610	
H/L TS			ID1	S/W	0.12			0 TTS-HL - 1.16	1ST TSP	TE-HL	48	M0155	610	
H/L TS	6	36	ID1	S/W	0.12			0 TTS-HL - 1.16	1ST TSP	TE-HL	48	M0155	610	
H/L TS			ID1	S/W	0.16			0 TTS-HL - 1.34	1ST TSP	TE-HL	48	M0155	610	
H/L TS	6	72	ID1	S/W	0.20			0 TTS-HL - 0.05	1ST TSP	TE-HL	22	H7791	610	
H/L TS	*10	87	ID1	S/W	0.20			0 TTS-HL - 3.22	1ST TSP	TE-HL	20	R6452	610	
H/L TS	12	74	ID1	S/W	0.12			0 TTS-HL - 1.91	1ST TSP	TE-HL	52	M0155	610	
H/L TS	12	82	ID1	S/W	0.16			0 TTS-HL - 3.62	1ST TSP	TE-HL	52	M0155	610	
H/L TS			ID1	S/W	0.35			0 TTS-HL - 3.42	1ST TSP	TE-HL	52	M0155	610	
H/L TS			ID1		4	0.28	1	0 TTS-HL - 2.02	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		5	0.16	1	0 TTS-HL - 2.10	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		3	0.16	1	0 TTS-HL - 2.10	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		4	0.12	1	0 TTS-HL - 2.10	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		4	0.16	1	0 TTS-HL - 2.10	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		4	0.16	1	0 TTS-HL - 2.10	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		2	0.12	1	0 TTS-HL - 2.10	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		2	0.12	1	0 TTS-HL - 2.14	1ST TSP	TE-HL	55	S4373	610	
H/L TS			ID1		2	0.12	1	0 TTS-HL - 2.14	1ST TSP	TE-HL	55	S4373	610	
H/L TS	13	71	ID1	S/W	0.20			0 TTS-HL - 1.22	1ST TSP	TE-HL	52	M0155	610	
H/L TS	13	89	ID1	S/W	0.12			0 TTS-HL - 0.05	1ST TSP	TE-HL	52	M0155	610	
H/L TS	13	91	ID1	S/W	0.16			0 TTS-HL - 0.15	1ST TSP	TE-HL	52	M0155	610	
H/L TS	13	110	ID1	S/W	0.20			0 TTS-HL - 3.09	1ST TSP	TE-HL	52	M0155	610	
H/L TS	13	111	ID1	S/W	0.24			0 TTS-HL - 1.70	1ST TSP	TE-HL	52	M0155	610	
H/L TS	14	79	ID1	S/W	0.16			0 TTS-HL - 0.07	1ST TSP	TE-HL	53	K7060	610	
H/L TS	14	83	ID1	S/W	0.28			0 TTS-HL - 0.04	1ST TSP	TE-HL	53	K7060	610	
H/L TS			ID1	S/W	0.28			0 TTS-HL - 0.00	1ST TSP	TE-HL	53	K7060	610	
H/L TS	14	85	ID1	S/W	0.28			0 TTS-HL - 0.07	1ST TSP	TE-HL	53	K7060	610	
H/L TS			ID1	S/W	0.35			0 TTS-HL - 0.11	1ST TSP	TE-HL	53	K7060	610	
H/L TS	14	100	ID1	S/W	0.16			0 TTS-HL - 0.12	1ST TSP	TE-HL	53	K7060	610	
H/L TS	*14	101	ID1	S/W	0.24			0 TTS-HL - 2.98	1ST TSP	TE-HL	53	K7060	610	
H/L TS	15	58	ID1	S/W	0.20			0 TTS-HL - 0.06	1ST TSP	TE-HL	42	J1978	610	
H/L TS	15	66	ID1	S/W	0.20			0 TTS-HL - 0.12	1ST TSP	TE-HL	53	K7060	610	
H/L TS	15	112	ID1		3	0.35	1	0 TTS-HL - 1.77	1ST TSP	TE-HL	17	J1978	610	
H/L TS	17	99	ID1	S/W	0.12			0 TTS-HL - 3.91	1ST TSP	TE-HL	16	C3340	610	
H/L TS			ID1	S/W	0.04			0 TTS-HL - 3.91	1ST TSP	TE-HL	16	C3340	610	
H/L TS			ID1	S/W	0.04			0 TTS-HL - 3.91	1ST TSP	TE-HL	16	C3340	610	
H/L TS			ID1	S/W	0.04			0 TTS-HL - 3.91	1ST TSP	TE-HL	16	C3340	610	
H/L TS	25	93	ID1	S/W	0.28			0 TTS-HL - 0.17	1ST TSP	TE-HL	11	H8259	610	
H/L TS			ID1	S/W	0.24			0 TTS-HL - 0.13	1ST TSP	TE-HL	11	H8259	610	
H/L TS	26	99	ID1	S/W	0.39			0 TTS-HL - 3.06	1ST TSP	TE-HL	11	H8259	610	
H/L TS			ID1	S/W	0.32			0 TTS-HL - 3.10	1ST TSP	TE-HL	11	H8259	610	
H/L TS	27	59	ID1	S/W	0.24			0 TTS-HL - 2.73	1ST TSP	TE-HL	11	H8259	610	
H/L TS			ID1	S/W	0.16			0 TTS-HL - 2.85	1ST TSP	TE-HL	11	H8259	610	
H/L TS	A 27	71	ID1	S/W	0.28			0 TTS-HL - 2.80	1ST TSP	TE-HL	11	H8259	610	
H/L TS			ID1	S/W	0.24			0 TTS-HL - 2.80	1ST TSP	TE-HL	11	H8259	610	
H/L TS	*28	70	ID1	S/W	0.28	1		0 TTS-HL - 3.93	1ST TSP	TE-HL	10	H7791	610	
H/L TS			ID1	S/W	0.28	1		0 TTS-HL - 3.93	1ST TSP	TE-HL	10	H7791	610	
H/L TS			ID1	S/W	0.20	1		0 TTS-HL - 3.93	1ST TSP	TE-HL	10	H7791	610	
H/L TS			ID1	S/W	0.20	1		0 TTS-HL - 3.97	1ST TSP	TE-HL	10	H7791	610	
H/L TS	*29	103	ID1	S/W	0.20			0 TTS-HL - 2.80	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.20			0 TTS-HL - 2.84	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.16			0 TTS-HL - 2.84	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.24			0 TTS-HL - 2.84	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.16			0 TTS-HL - 2.84	1ST TSP	TE-HL	9	M7006	610	
H/L TS	*30	88	ID1	S/W	0.20			0 TTS-HL - 3.21	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.28			0 TTS-HL - 3.25	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.32			0 TTS-HL - 3.25	1ST TSP	TE-HL	9	M7006	610	
H/L TS			ID1	S/W	0.24			0 TTS-HL - 3.25	1ST TSP	TE-HL	9	M7006	610	
H/L TS	30	102	ID1	S/W	0.16			0 TTS-HL - 0.04	1ST TSP	TE-HL	9	M7006	610	
H/L TS	36	57	ID1	S/W	0.08			0 TTS-HL - 1.58	1ST TSP	TE-HL	31	D3858	610	
H/L TS	*37	52	ID1	S/W	0.28			0 TTS-HL - 2.67	1ST TSP	TE-HL	30	H7791	610	

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RFOU

Steam Generator: D

19 QUERY: ATTACHMENT 4 F* TUBES

TEST	ROW	COL	IND	X/W	VC	TS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
H/L TS	39	88	ID1	S/W	0.19		0	TTS-HL	+ 0.15	1ST TSP	TE-HL	4	H7791	610	
H/L TS	* 40	79	ID1	S/W	0.32		0	TTS-HL	- 3.81	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.28		0	TTS-HL	- 3.85	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.24		0	TTS-HL	- 3.85	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.24		0	TTS-HL	- 3.89	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.24		0	TTS-HL	- 3.89	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.20		0	TTS-HL	- 3.89	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.16		0	TTS-HL	- 3.93	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.12		0	TTS-HL	- 3.97	1ST TSP	TE-HL	4	H7791	610	
H/L TS			ID1	S/W	0.08		0	TTS-HL	- 3.97	1ST TSP	TE-HL	4	H7791	610	
H/L TS	* 42	73	ID1	S/W	0.12		1	TTS-HL	- 3.94	1ST TSP	TE-HL	3	S7675	610	
H/L TS			ID1	S/W	0.08		1	TTS-HL	- 3.94	1ST TSP	TE-HL	3	S7675	610	
H/L TS	43	47	ID1	S/W	0.20		0	TTS-HL	- 1.45	1ST TSP	TE-HL	27	H7006	610	
H/L TS	44	83	ID1	S/W	0.16		1	TTS-HL	+ 0.08	1ST TSP	TE-HL	2	C3556	610	
H/L TS			ID1	S/W	0.12		1	TTS-HL	+ 0.08	1ST TSP	TE-HL	2	C3556	610	
H/L TS	44	85	ID1	S/W	0.16		1	TTS-HL	+ 0.11	1ST TSP	TE-HL	2	C3556	610	
H/L TS			ID1	S/W	0.16		1	TTS-HL	+ 0.07	1ST TSP	TE-HL	2	C3556	610	
H/L TS	47	56	ID1	S/W	0.59		0	TTS-HL	- 3.45	1ST TSP	TE-HL	25	K7060	610	
H/L TS			ID1	S/W	0.28		0	TTS-HL	- 3.61	1ST TSP	TE-HL	25	K7060	610	
H/L TS			ID1	S/W	0.20		0	TTS-HL	- 3.61	1ST TSP	TE-HL	25	K7060	610	
H/L TS			ID1	S/W	0.20		0	TTS-HL	- 3.61	1ST TSP	TE-HL	25	K7060	610	
H/L TS			ID1	S/W	0.24		0	TTS-HL	- 3.65	1ST TSP	TE-HL	25	K7060	610	
H/L TS			ID1	S/W	0.12		0	TTS-HL	- 3.73	1ST TSP	TE-HL	25	K7060	610	
H/L TS	48	86	ID1	S/W	0.20		0	TTS-HL	+ 0.26	1ST TSP	TE-HL	1	L7871	610	

TOTAL TUBES FOUND = 42
TOTAL INDICATIONS FOUND = 94
TOTAL TUBES IN INPUT FILE = 4674

* = F* Tube

Plant: McGuire Unit 2
Outage: 01/92 RPO

Steam Generator: D

29 QUERY: ATTACHMENT 4 F* REPORTS

TEST	ROW	COL	IND	%W	VOLTS	CHN	DEG	LOCATION	EXTENT	LEG	TAPE	ANLST	PRB	COMMENTS
BOBBIN	*	2	61	101	S/W	2.71	1	0 TE-HL	+ 14.86	BTM TSP	TE-HL	79	H7791	590
BOBBIN	*	3	61	101	S/W	2.19	1	0 TE-HL	+ 8.18	FL	TE-CL	18	S4373	610
BOBBIN	*	3	65	101	S/W	2.50	1	0 TE-HL	+ 6.02	FL	TE-CL	18	S4373	610
BOBBIN	*	4	61	101	S/W	1.56	1	0 TE-HL	+ 14.09	FL	TE-CL	18	S4373	610
BOBBIN	*			101	S/W	1.30	1	0 TE-HL	+ 15.06	FL	TE-CL	18	S4373	610
BOBBIN	*	4	70	101	S/W	18.37	1	0 TE-HL	+ 14.92	FL	TE-CL	18	S4373	610
BOBBIN	*	4	113	101	70	3.24	1	28 TE-CL	+ 7.38	FL	TE-CL	19	R9311	610
BOBBIN	*	7	72	101	65	16.56	1	26 TE-HL	+ 16.83	FL	TE-CL	32	83720	610
BOBBIN	*	7	81	101	40	20.90	1	24 TE-HL	+ 3.70	FL	TE-CL	31	W4892	610
BOBBIN	*	7	83	101	S/W	5.50	1	0 TE-HL	+ 4.72	FL	TE-CL	31	W4892	610
BOBBIN	*	7	94	101	S/W	1.76	1	0 TE-HL	+ 16.00	FL	TE-CL	31	W4892	610
BOBBIN	*	9	75	101	S/W	3.31	1	0 TE-HL	+ 8.41	FL	TE-CL	30	R9311	610
BOBBIN	*	9	79	101	S/W	3.91	1	0 TE-HL	+ 12.33	FL	TE-CL	30	R9311	610
BOBBIN	*			101	S/W	4.23	1	0 TE-HL	+ 13.58	FL	TE-CL	30	S2680	610
BOBBIN	*	10	74	101	50	7.47	1	20 TE-HL	+ 16.20	FL	TE-CL	29	J1978	610
BOBBIN	*	13	64	101	S/W	1.88	1	0 TE-HL	+ 15.86	FL	TE-CL	26	H7791	610
BOBBIN	*	13	82	101	S/W	10.33	1	0 TE-HL	+ 5.07	FL	TE-CL	26	H7791	610
BOBBIN	*	13	93	101	S/W	2.24	1	0 TE-HL	+ 13.38	FL	TE-CL	26	H7791	610
BOBBIN	*	14	74	101	98	0.89	1	43 TE-HL	+ 8.41	FL	TE-CL	25	J1978	610
BOBBIN	*			101	S/W	1.20	1	0 TE-HL	+ 9.21	FL	TE-CL	25	J1978	610
BOBBIN	*	14	75	101	90	1.32	1	36 TE-HL	+ 10.31	FL	TE-CL	25	J1978	610
BOBBIN	*	14	81	101	85	25.45	1	34 TE-HL	+ 1.39	FL	TE-CL	25	J1978	610
BOBBIN	*			101	S/W	11.09	1	21 TE-HL	+ 4.55	FL	TE-CL	25	J1978	610
BOBBIN	*	15	48	101	68	8.35	1	27 TE-HL	+ 16.22	FL	TE-CL	55	H7791	610
BOBBIN	*	15	92	101	S/W	3.02	1	12 TE-HL	+ 19.72	FL	TE-CL	25	J1978	610
BOBBIN	*	15	110	101	S/W	4.22	1	13 TE-HL	+ 17.16	FL	TE-CL	24	M0554	610
BOBBIN	*	16	92	101	S/W	1.43	1	20 TE-HL	+ 15.49	FL	TE-CL	24	M0554	610
BOBBIN	*			101	S/W	7.80	1	28 TE-HL	+ 8.52	FL	TE-CL	24	M0554	610
BOBBIN	*	17	53	001	30	0.40	1	118 TTS-CL	+ 2.92	FL	TE-CL	53	B4260	610
BOBBIN	*	17	99	101	S/W	8.73	1	0 TE-HL	+ 16.95	FL	TE-CL	23	H7791	610
BOBBIN	*	20	71	101	45	4.15	1	18 TE-HL	+ 17.31	FL	TE-CL	21	B4260	610
BOBBIN	*	22	77	101	S/W	5.44	1	0 TE-HL	+ 14.51	FL	TE-CL	20	D3858	610
BOBBIN	*	24	70	101	S/W	4.82	1	26 TE-HL	+ 16.05	FL	TE-CL	16	M0554	610
BOBBIN	*	26	99	101	S/W	2.31	1	0 TE-HL	+ 17.89	FL	TE-CL	15	W6871	610
BOBBIN	*	27	71	101	51	5.98	1	20 TE-HL	+ 17.86	FL	TE-CL	15	B0690	610
BOBBIN	*	28	31	101	S/W	1.66	1	0 TE-CL	+ 17.81	FL	TE-CL	45	S7675	610
BOBBIN	*	28	70	101	65	5.34	1	26 TE-HL	+ 17.14	FL	TE-CL	14	L4332	610
BOBBIN	*	29	61	101	S/W	3.09	1	0 TE-HL	+ 15.02	FL	TE-CL	14	W6871	610
BOBBIN	*	29	76	101	S/W	5.69	1	162 TE-HL	+ 15.83	FL	TE-CL	13	M0554	610
BOBBIN	*	29	103	101	55	7.41	1	23 TE-HL	+ 18.21	FL	TE-CL	13	G6495	610
BOBBIN	*	30	88	101	65	6.48	1	26 TE-HL	+ 18.13	FL	TE-CL	13	G6495	610
BOBBIN	*	32	76	101	S/W	4.55	1	14 TE-HL	+ 16.16	FL	TE-CL	11	G6495	610
BOBBIN	*	37	52	101	S/W	0.97	1	95 TE-HL	+ 18.25	FL	TE-CL	39	L7871	610
BOBBIN	*	38	56	101	S/W	4.61	1	0 TTS-HL	+ 5.20	FL	TE-CL	38	W6871	610
BOBBIN	*	39	91	001	S/W	0.52	1	0 TE-HL	+ 15.04	FL	TE-CL	7	H7791	610
BOBBIN	*	40	79	101	S/W	11.94	1	0 TE-HL	+ 1.32	FL	TE-CL	6	J1978	610
BOBBIN	*			101	S/W	5.58	1	37 TE-HL	+ 17.22	FL	TE-CL	6	J1978	610
BOBBIN	*	41	35	101	S/W	0.62	1	0 TE-HL	+ 17.17	FL	TE-CL	36	H7791	610
BOBBIN	*	42	49	101	S/W	1.20	1	0 TE-HL	+ 14.45	FL	TE-CL	36	H7791	610
BOBBIN	*	42	73	101	S/W	4.71	1	0 TE-HL	+ 17.13	FL	TE-CL	5	S2680	610
BOBBIN	*	44	87	101	S/W	2.59	1	0 TE-HL	+ 10.63	FL	TE-CL	4	H3464	610
BOBBIN	*	47	76	101	45	6.51	1	18 TE-HL	+ 14.47	FL	TE-CL	2	83720	610

TOTAL TUBES FOUND = 46
TOTAL INDICATIONS FOUND = 52
TOTAL TUBES IN INPUT FILE = 6674

* = F* Tube