

Duke Power Company  
McGuire Nuclear Generation Department  
12700 Hagers Ferry Road (MG01A)  
Huntersville, NC 28078-8985

T. C. McMEEKIN  
Vice President  
(704) 875-4800  
(704) 875-4809 FAX



DUKE POWER

March 9, 1993

U. S. Nuclear Regulatory Commission  
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Subject: McGuire Nuclear Station, Unit 2  
Docket No. 50-370  
Steam Generator Inspection Report

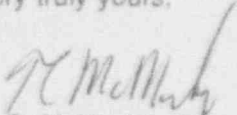
Pursuant to McGuire Technical Specification 4.4.5.5b, this report is submitted for McGuire Unit 2, EOC-7 Refueling Outage. The following quantity of tubes were inspected and plugged or repaired from either side of the generator:

<u>Steam Generator</u>	<u>Tubes Inspected Full Length</u>	<u>Number of Tubes Plugged or Repaired</u>
A	4423	51
B	4444	80
C	4436	39
D	4460	78

information concerning tube indications of imperfections, locations, and size are provided as attachments 1, 2, 3 and 4. Tubes removed from service by plugging and repaired by sleeving are identified in attachments 5, 6, 7 and 8.

Questions or problems should be directed to Kay Crane, Regulatory Compliance at (704) 875-4306.

Very truly yours,

  
T. C. McMeekin, Vice President  
McGuire Nuclear Station

Attachments

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9303180182 930309  
PDR ADOCK 05000370  
G PDR

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Plant: McGUIRE UNIT 2 Steam Generator: A  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "A" - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	2	1/92 BOB	ID (general)	S/N	1.78	HTS-P	+10.31
2	4	1/92 TS	ID (general)	S/N	0.12	HTS-S	+ 0.04
3	13	1/92 BOB	ID (general)	S/N	1.97	HTS-P	+ 4.12
3	16	1/92 BOB	ID (general)	S/N	8.19	HTS-P	+15.93
3	18	1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.50
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.54
		1/92 TS	ID (general)	S/N	0.35	HTS-S	- 2.50
3	57	1/92 BOB	ID (general)	50 % TW	4.36	HTS-P	+ 8.81
3	73	1/92 BOB	ID (general)	S/N	0.99	11	+ 6.36
4	16	1/92 BOB	ID (general)	S/N	2.23	HTS-P	+17.92
		1/92 BOB	ID (general)	S/N	4.05	HTS-P	+14.00
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 2.96
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.96
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.00
4	22	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.07
4	44	1/92 TS	ID (general)	S/N	0.24	HTS-S	+ 0.21
4	58	1/92 BOB	ID (general)	S/N	5.19	HTS-P	+ 7.63
4	62	1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.68
4	72	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.24
		1/92 TS	ID (general)	S/N	0.12	HTS-S	+ 0.20
5	19	1/92 BOB	ID (general)	S/N	0.38	18	- 0.13
		1/92 BOB	ID (general)	S/N	2.05	HTS-P	+12.12
5	24	1/92 BOB	ID (general)	S/N	0.25	13	- 0.08
5	33	1/92 BOB	ID (general)	15 % TW	0.26	7	+ 0.15
6	3	1/92 BOB	ID (general)	S/N	8.91	HTS-P	+10.54
6	16	1/92 BOB	ID (general)	S/N	1.94	HTS-P	+17.86
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.12
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.16
		1/92 TS	ID (general)	S/N	0.39	HTS-S	- 3.16
6	18	1/92 BOB	ID (general)	S/N	1.75	HTS-P	+ 8.14
6	28	1/92 BOB	ID (general)	S/N	3.43	HTS-P	+10.97
7	74	1/92 BOB	ID (general)	98 % TW	7.76	HTS-P	+16.22
7	108	1/92 BOB	ID (general)	S/N	0.31	10	+ 6.46
8	6	1/92 BOB	ID (general)	S/N	7.32	HTS-P	+18.24
8	23	1/92 BOB	ID (general)	40 % TW	7.82	HTS-P	+18.16
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.70
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 2.74
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 2.78
8	59	1/92 BOB	ID (general)	S/N	10.25	HTS-P	+ 5.29
9	31	1/92 BOB	ID (general)	S/N	3.86	HTS-S	- 4.14
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 3.84
9	105	1/92 BOB	ID (general)	78 % TW	7.08	HTS-P	+ 6.96
10	4	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 1.63
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 1.63
10	52	1/92 BOB	ID (general)	S/N	0.37	3	+ 0.03
10	60	1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.86
11	15	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 0.37
11	38	1/92 TS	ID (general)	S/N	0.32	CTS-S	- 0.67
11	46	1/92 BOB	ID WEAR	12 % TW	0.36	AVB1	
12	34	1/92 BOB	ID (general)	S/N	0.70	3	+ 0.25
12	35	1/92 BOB	ID (general)	53 % TW	12.03	HTS-P	+ 4.31
12	62	1/92 BOB	ID (general)	55 % TW	5.19	HTS-P	+11.30
13	9	1/92 BOB	ID (general)	S/N	0.56	3	
13	13	1/92 BOB	ID (general)	S/N	2.82	HTS-P	+14.84
13	74	1/92 BOB	ID (general)	16 % TW	0.31	3	
14	67	1/92 BOB	ID (general)	S/N	0.62	13	+ 5.63
		1/92 S.I.	ID (general)	S/N	0.61	13	+ 5.56
14	73	1/92 BOB	ID (general)	97 % TW	15.43	HTS-P	+17.53
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.73
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.73
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 3.77
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 3.81
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 3.81
14	96	1/92 TS	ID (general)	S/N	0.12	HTS-S	+ 0.04
15	19	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.74
15	45	1/92 BOB	ID (general)	63 % TW	7.04	HTS-P	+17.25
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.70

Plant: McGuire UNIT 2 Steam Generator: A  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "A" - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.74
15	59	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.08
15	67	1/92 BOB	ID (general)	S/N	8.13	HTS-P	+10.64
15	105	1/92 BOB	ID (general)	53 % TW	4.49	HTS-P	+ 7.60
16	9	1/92 BOB	ID (general)	S/N	6.44	HTS-P	+13.38
16	29	1/92 BOB	ID (general)	45 % TW	6.40	HTS-P	+13.40
16	33	1/92 BOB	ID (general)	S/N	6.25	HTS-P	+12.30
		1/92 BOB	ID (general)	S/N	6.31	HTS-P	+10.25
17	24	1/92 BOB	ID (general)	63 % TW	9.19	HTS-P	+10.32
		1/92 BOB	ID (general)	93 % TW	8.79	HTS-P	+14.30
17	25	1/92 BOB	ID (general)	72 % TW	7.92	HTS-P	+14.34
17	31	1/92 BOB	ID (general)	43 % TW	7.67	HTS-P	+ 9.44
		1/92 BOB	ID (general)	48 % TW	5.54	HTS-P	+16.22
17	43	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.10
17	48	1/92 BOB	ID (general)	S/N	2.50	HTS-P	+17.02
17	72	1/92 BOB	ID (general)	43 % TW	10.89	HTS-P	+ 9.35
18	15	1/92 BOB	ID (general)	S/N	1.00	HTS-P	+ 9.37
		1/92 BOB	ID (general)	70 % TW	6.57	HTS-P	+ 5.24
18	37	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.18
		1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.14
		1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.14
18	69	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.08
18	98	1/92 BOB	OD (general)	1 % TW	0.48	3	
18	104	1/92 BOB	ID (general)	S/N	1.55	HTS-P	+12.92
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.31
19	8	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.07
19	21	1/92 BOB	ID (general)	50 % TW	5.79	HTS-P	+ 8.24
19	22	1/92 BOB	ID (general)	45 % TW	5.16	HTS-P	+ 4.42
19	29	1/92 BOB	ID (general)	48 % TW	7.43	HTS-P	+14.13
19	59	1/92 BOB	ID (general)	S/N	1.07	HTS-P	+16.05
19	99	1/92 BOB	OD WEAR	12 % TW	0.38	AVB1	
20	7	1/92 BOB	OD (general)	S/N	0.40	16	+ 5.94
		1/92 BOB	OD (general)	S/N	0.27	17	+ 7.90
		1/92 S.I.	OD (general)	S/N	0.54	17	+ 8.97
		1/92 S.I.	OD (general)	S/N	0.46	16	+ 6.12
		1/92 S.I.	OD (general)	S/N	0.50	17	+ 7.88
		1/92 S.I.	OD (general)	S/N	0.24	17	+ 4.21
20	28	1/92 BOB	ID (general)	S/N	3.96	HTS-P	+14.42
20	73	1/92 BOB	ID (general)	45 % TW	9.57	HTS-P	+10.18
21	31	1/92 TS	ID (general)	2 % TW	0.16	HTS-S	+ 0.15
21	58	1/92 BOB	ID (general)	73 % TW	5.73	HTS-P	+ 7.58
21	98	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.23
21	100	1/92 BOB	ID (general)	S/N	1.23	HTS-P	+14.23
22	11	1/92 BOB	OD (general)	22 % TW	0.33	16	+ 6.30
		1/92 S.I.	OD (general)	S/N	0.40	16	+ 6.63
		1/92 S.I.	OD (general)	S/N	0.27	16	+ 5.30
22	55	1/92 BOB	ID (general)	S/N	6.67	HTS-P	+13.95
22	88	1/92 TS	ID (general)	S/N	0.28	HTS-S	- 1.90
22	91	1/92 BOB	OD WEAR	19 % TW	0.56	AVB1	
23	24	1/92 BOB	OD (general)	S/N	3.17	HTS-P	+16.89
		1/92 TS	ID (general)	S/N	2.55	HTS-S	- 5.42
23	29	1/92 BOB	ID (general)	S/N	4.49	HTS-P	+ 7.32
23	70	1/92 BOB	OD (general)	S/N	0.53	3	+ 4.73
		1/92 S.I.	OD (general)	S/N	1.09	3	+ 3.81
24	14	1/92 BOB	ID (general)	S/N	2.95	HTS-P	+12.88
24	36	1/92 BOB	ID (general)	S/N	3.94	HTS-P	+18.36
24	52	1/92 TS	ID (general)	6 % TW	0.20	HTS-S	+ 0.13
25	49	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.08
25	102	1/92 BOB	OD (general)	S/N	0.50	6	+42.52
26	56	1/92 BOB	OD (general)	S/N	0.56	6	+ 0.02
26	67	1/92 BOB	OD WEAR	29 % TW	0.74	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.09	AVB2	
26	69	1/92 BOB	OD (general)	S/N	0.57	7	+20.14
		1/92 S.I.	OD (general)	S/N	0.59	7	+20.48
26	83	1/92 BOB	OD WEAR	13 % TW	0.36	AVB3	- 0.10
27	24	1/92 BOB	OD (general)	S/N	0.20	5	+ 0.02
27	28	1/92 BOB	ID (general)	S/N	1.78	HTS-P	+ 8.91

Plant: McGuire Unit 2 Steam Generator: A  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "A" - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
27	44	1/92 BOB	OD WEAR	22 % TW	0.71	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.07	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.07	AVB2	
27	47	1/92 BOB	ID (general)	63 % TW	10.15	HTS-P	+ 5.99
27	51	1/92 BOB	OD WEAR	21 % TW	0.64	AVB2	
27	52	1/92 BOB	ID (general)	S/N	1.53	HTS-P	+ 5.38
27	61	1/92 BOB	ID (general)	S/N	2.02	HTS-P	+ 5.60
		1/92 BOB	ID (general)	S/N	7.77	HTS-P	+ 8.75
		1/92 BOB	ID (general)	S/N	1.64	HTS-P	+ 9.81
27	79	1/92 BOB	OD (general)	8 % TW	0.58	S	+ 5.62
27	99	1/92 BOB	OD WEAR	22 % TW	0.82	AVB1	+ 0.08
27	106	1/92 BOB	OD WEAR	20 % TW	0.75	AVB1	
28	11	1/92 BOB	OD (general)	S/N	0.66	10	+41.58
		1/92 BOB	OD (general)	S/N	0.66	10	+40.00
		1/92 BOB	OD (general)	S/N	0.49	10	+37.70
		1/92 S.I.	OD (general)	S/N	1.03	10	+41.90
		1/92 S.I.	OD (general)	S/N	1.02	10	+40.28
		1/92 S.I.	OD (general)	S/N	0.88	10	+38.98
		1/92 S.I.	OD (general)	S/N	1.12	10	+37.76
28	13	1/92 BOB	ID (general)	S/N	2.23	HTS-P	+10.39
28	19	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.20
28	101	1/92 BOB	OD WEAR	11 % TW	0.39	AVB1	
28	103	1/92 BOB	OD WEAR	18 % TW	0.63	AVB1	
29	16	1/92 BOB	ID (general)	S/N	1.83	HTS-P	+15.98
29	51	1/92 BOB	OD WEAR	20 % TW	0.75	AVB1	
29	60	1/92 BOB	OD WEAR	10 % TW	0.35	AVB1	
29	63	1/92 BOB	OD WEAR	21 % TW	0.47	AVB1	
29	91	1/92 BOB	OD (general)	S/N	0.66	6	+36.45
		1/92 S.I.	OD (general)	S/N	1.48	6	+36.17
29	104	1/92 BOB	OD WEAR	29 % TW	0.77	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.20	AVB1	
30	45	1/92 BOB	OD (general)	S/N	0.36	6	+ 0.05
30	69	1/92 BOB	OD WEAR	24 % TW	0.54	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.13	AVB3	
30	78	1/92 BOB	OD WEAR	13 % TW	0.27	AVB2	
		1/92 BOB	OD WEAR	12 % TW	0.25	AVB3	
		1/92 BOB	OD WEAR	10 % TW	0.21	AVB4	
		1/92 S.I.	OD WEAR	S/N	0.14	AVB4	
		1/92 S.I.	OD WEAR	S/N	0.20	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.14	AVB2	
30	99	1/92 BOB	OD WEAR	25 % TW	0.58	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.15	AVB1	
30	102	1/92 BOB	OD WEAR	22 % TW	0.49	AVB1	
30	103	1/92 BOB	OD WEAR	25 % TW	0.58	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.16	AVB1	
30	104	1/92 BOB	OD WEAR	19 % TW	0.40	AVB1	
30	105	1/92 BOB	OD WEAR	23 % TW	0.51	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.12	AVB1	
31	27	1/92 BOB	ID (general)	S/N	2.00	HTS-P	+10.39
31	67	1/92 BOB	OD (general)	S/N	0.45	15	+ 6.75
		1/92 S.I.	OD (general)	S/N	0.24	15	+ 9.91
		1/92 S.I.	OD (general)	S/N	0.19	15	+ 7.21
31	84	1/92 BOB	OD WEAR	17 % TW	0.60	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.14	AVB3	
32	35	1/92 BOB	ID (general)	S/N	27.90	HTS-P	+14.87
		1/92 BOB	ID (general)	S/N	3.90	HTS-P	+16.85
33	68	1/92 BOB	OD WEAR	17 % TW	0.51	AVB1	
		1/92 BOB	OD WEAR	22 % TW	0.76	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.11	AVB3	
34	93	1/92 BOB	OD WEAR	14 % TW	0.43	AVB1	
35	42	1/92 BOB	ID (general)	S/N	1.77	HTS-P	+ 6.06
35	59	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.13
35	71	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.17
35	79	1/92 BOB	ID (general)	13 % TW	0.45	AVB2	
35	93	1/92 BOB	ID (general)	38 % TW	13.86	HTS-P	+12.24
35	97	1/92 BOB	ID (general)	45 % TW	7.27	HTS-P	+ 3.22
36	16	1/92 BOB	OD WEAR	10 % TW	0.38	AVB1	

Plant: McGuire Unit 2 Steam Generator: A  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "A" - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
36	34	1/92 BOB	ID (general)	S/N	0.23	3	
36	44	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.99
36	63	1/92 BOB	ID (general)	S/N	1.72	HTS-P	+15.04
36	65	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.10
36	66	1/92 BOB	ID (general)	50 % TW	3.81	HTS-P	+ 7.42
		1/92 BOB	OD WEAR	16 % TW	0.57	AVB1	
		1/92 BOB	OD WEAR	17 % TW	0.61	AVB2	
		1/92 BOB	OD WEAR	21 % TW	0.80	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.18	AVB3	
36	67	1/92 BOB	OD WEAR	18 % TW	0.64	AVB1	
36	88	1/92 BOB	OD WEAR	2 % TW	0.12	AVB1	
37	45	1/92 BOB	ID (general)	70 % TW	6.01	HTS-P	+12.38
37	95	1/92 BOB	OD WEAR	22 % TW	0.54	AVB4	
		1/92 S.I.	OD WEAR	S/N	0.11	AVB4	
38	31	1/92 TS	ID (general)	S/N	0.32	HTS-S	- 0.91
38	35	1/92 BOB	ID (general)	S/N	4.91	HTS-P	+11.15
38	45	1/92 BOB	ID (general)	80 % TW	7.98	HTS-P	+ 9.41
38	55	1/92 BOB	OD WEAR	27 % TW	1.01	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.27	AVB1	
38	57	1/92 BOB	ID (general)	S/N	3.41	HTS-P	+14.15
38	59	1/92 BOB	OD WEAR	21 % TW	0.51	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.31	AVB3	
38	69	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.17
38	73	1/92 BOB	OD WEAR	11 % TW	0.34	AVB1	
38	76	1/92 BOB	ID (general)	S/N	2.41	HTS-P	+15.02
		1/92 BOB	ID (general)	S/N	1.22	CTS-P	+ 8.12
		1/92 BOB	ID (general)	55 % TW	8.24	CTS-P	+ 7.16
38	78	1/92 BOB	OD WEAR	9 % TW	0.28	AVB1	
38	79	1/92 BOB	ID (general)	S/N	1.47	HTS-P	+ 4.41
38	83	1/92 BOB	OD WEAR	8 % TW	0.25	AVB1	
38	91	1/92 BOB	ID (general)	S/N	2.49	HTS-P	+ 7.50
		1/92 BOB	ID (general)	S/N	2.80	HTS-P	+11.34
39	26	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.08
39	32	1/92 BOB	ID (general)	S/N	6.72	HTS-P	+11.39
39	63	1/92 BOB	OD (general)	S/N	0.34	3	+23.98
		1/92 S.I.	OD (general)	S/N	0.73	3	+23.81
39	65	1/92 BOB	OD WEAR	12 % TW	0.29	AVB1	
39	70	1/92 BOB	OD WEAR	17 % TW	0.41	AVB1	
		1/92 BOB	OD WEAR	16 % TW	0.37	AVB2	
		1/92 BOB	OD WEAR	23 % TW	0.57	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.14	AVB3	
39	71	1/92 BOB	OD WEAR	32 % TW	2.11	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.18	AVB2	
39	72	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 0.89
39	81	1/92 BOB	ID (general)	85 % TW	2.68	HTS-P	+ 3.60
40	32	1/92 BOB	OD WEAR	17 % TW	1.93	AVB2	
		1/92 BOB	OD WEAR	15 % TW	1.63	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.34	AVB3	
40	34	1/92 BOB	OD WEAR	21 % TW	2.47	AVB3	
		1/92 S.I.	OD WEAR	22 % TW	0.28	AVB3	
40	36	1/92 BOB	OD WEAR	9 % TW	0.91	AVB2	
40	43	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.77
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.85
40	63	1/92 BOB	ID (general)	43 % TW	5.78	HTS-P	+16.29
40	70	1/92 BOB	OD WEAR	35 % TW	1.42	AVB2	
		1/92 BOB	OD WEAR	27 % TW	0.89	AVB3	
		1/92 S.I.	OD WEAR	S/N	0.14	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.11	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.13	AVB3	
40	84	1/92 BOB	OD WEAR	20 % TW	0.61	AVB1	
41	36	1/92 TS	ID (general)	S/N	0.08	HTS-S	+ 0.12
41	55	1/92 BOB	OD WEAR	11 % TW	1.20	AVB1	
41	70	1/92 BOB	ID (general)	S/N	8.53	HTS-P	+11.72
41	74	1/92 BOB	OD WEAR	20 % TW	0.59	AVB1	
41	75	1/92 BOB	ID (general)	63 % TW	4.57	HTS-P	+ 6.41
41	78	1/92 BOB	OD (general)	16 % TW	0.63	4	+17.44
		1/92 BOB	OD WEAR	7 % TW	0.92	AVB1	



Plant: McGuire UNIT 2 Steam Generator: A  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "A" - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 S.I.	OD (general)	S/N	1.32	4	+17.57
41	82	1/92 BOB	ID (general)	75 % TW	11.80	HTS-P	+ 3.24
41	87	1/92 BOB	OD (general)	61 % TW	1.12	17	+ 0.26
42	52	1/92 BOB	OD WEAR	27 % TW	1.01	AVB1	
42	72	1/92 BOB	OD WEAR	37 % T.	1.91	AVB1	
		1/92 BOB	OD WEAR	33 % TW	1.49	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.23	AVB2	
		1/92 S.I.	OD WEAR	S/N	0.25	AVB1	
42	76	1/92 BOB	ID (general)	S/N	3.36	HTS-P	+ 7.73
42	78	1/92 BOB	OD WEAR	16 % TW	0.48	AVB1	
42	87	1/92 BOB	OD (general)	S/N	0.48	3	
43	46	1/92 BOB	OD (general)	20 % TW	0.63	AVB1	
43	68	1/92 BOB	ID (general)	65 % TW	6.92	HTS-P	+13.23
44	56	1/92 BOB	OD (general)	S/N	0.76	9	- 0.53
44	57	1/92 BOB	ID (general)	S/N	9.51	HTS-P	+14.18
44	61	1/92 BOB	ID (general)	S/N	4.62	HTS-P	+ 7.98
44	63	1/92 BOB	ID (general)	60 % TW	5.92	HTS-P	+ 7.64
44	67	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.16
45	51	1/92 BOB	ID (general)	S/N	14.16	HTS-P	+14.66
45	81	1/92 BOB	OD (general)	S/N	0.33	9	- 0.05
46	67	1/92 BOB	OD WEAR	10 % TW	0.28	AVB1	
46	81	1/92 BOB	OD (general)	S/N	0.33	3	- 0.05
47	70	1/92 BOB	ID (general)	S/N	4.48	HTS-P	+13.59
49	40	1/92 BOB	OD (general)	S/N	0.54	1	+ 1.00
		1/92 S.I.	OD (general)	S/N	0.34	1	+ 0.76
49	46	1/92 BOB	OD (general)	S/N	0.35	1	+ 0.26
		1/92 S.I.	OD (general)	S/N	0.50	1	+ 0.71
49	47	1/92 BOB	OD (general)	S/N	0.31	1	+ 0.20
		1/92 S.I.	OD (general)	S/N	0.32	1	+ 0.54
		1/92 S.I.	OD (general)	S/N	0.33	1	+ 0.01

TOTAL TUBES FOUND = 197  
TOTAL INDICATIONS FOUND = 298

Plant: McGuire Unit 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "B" - ATTACHMENT #2 INDICATIONS OF IMERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	61	1/92 BOB	OD (general)	69 % TW	1.43	8	- 0.30
2	89	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.16
2	91	1/92 TS	ID (general)	S/N	0.24	HTS-S	+ 0.16
2	103	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.10
3	16	1/92 BOB	OD (general)	19 % TW	2.09	10	+ 1.06
		1/92 S.I.	OD (general)	S/N	6.27	10	+ 1.97
3	50	1/92 TS	ID (general)	S/N	0.43	HTS-S	- 0.08
4	50	1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.96
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.03
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.07
4	69	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.04
4	110	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.21
		1/92 TS	ID (general)	S/N	0.12	HTS-S	+ 0.14
5	42	1/92 BOB	OD (general)	S/N	0.32	3	+ 0.05
5	62	1/92 BOB	ID (general)	S/N	5.74	HTS-P	+19.14
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 1.89
5	70	1/92 BOB	ID (general)	83 % TW	8.25	HTS-P	+ 4.88
5	91	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.20
6	22	1/92 BOB	OD (general)	16 % TW	0.97	4	- 8.77
		1/92 S.I.	OD (general)	S/N	1.78	4	- 9.73
6	54	1/92 TS	ID (general)	S/N	0.12	HTS-S	- 2.83
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.83
6	69	1/92 BOB	ID (general)	48 % TW	4.44	HTS-P	+ 8.65
6	70	1/92 BOB	ID (general)	53 % TW	6.30	HTS-P	+ 7.69
6	73	1/92 TS	ID (general)	S/N	0.12	HTS-S	
6	93	1/92 TS	ID (general)	S/N	0.04	HTS-S	+ 0.04
7	7	1/92 BOB	OD (general)	S/N	0.52	3	+ 0.10
7	14	1/92 BOB	OD (general)	52 % TW	0.54	12	+ 6.49
		1/92 S.I.	OD (general)	S/N	5.66	12	+ 6.44
		1/92 S.I.	OD (general)	S/N	2.08	12	+ 8.15
7	29	1/92 BOB	OD (general)	67 % TW	0.30	21	+ 2.98
		1/92 S.I.	OD (general)	S/N	0.47	21	+ 3.07
7	81	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.04
		1/92 TS	ID (general)	S/N	0.16	HTS-S	
7	91	1/92 BOB	OD (general)	9 % TW	0.56	5	+15.18
		1/92 S.I.	OD (general)	S/N	0.71	5	+15.17
7	94	1/92 BOB	ID (general)	S/N	1.33	HTS-P	+11.25
8	60	1/92 TS	ID (general)	S/N	0.24	HTS-S	+ 0.16
8	78	1/92 BOB	OD (general)	23 % TW	0.71	4	+15.88
		1/92 S.I.	OD (general)	S/N	1.20	4	+15.93
8	92	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.16
9	7	1/92 BOB	OD (general)	S/N	0.52	15	+ 1.89
		1/92 S.I.	OD (general)	S/N	4.16	15	+ 1.63
9	70	1/92 BOB	OD (general)	S/N	0.25	4	
9	90	1/92 TS	ID (general)	S/N	0.43	HTS-S	- 3.52
		1/92 TS	ID (general)	S/N	0.51	HTS-S	- 3.56
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.68
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.72
10	6	1/92 BOB	OD (general)	S/N	0.22	20	+ 5.14
		1/92 S.I.	OD (general)	S/N	1.93	20	+ 5.12
10	37	1/92 BOB	OD (general)	10 % TW	0.52	17	+ 6.95
		1/92 BOB	OD (general)	31 % TW	0.40	17	+ 2.35
		1/92 S.I.	OD (general)	S/N	1.24	17	+ 2.41
		1/92 S.I.	OD (general)	S/N	3.01	17	+ 7.07
10	59	1/92 BOB	ID (general)	78 % TW	13.81	HTS-P	+12.19
10	79	1/92 BOB	OD (general)	8 % TW	0.54	7	+11.30
10	98	1/92 BOB	OD (general)	S/N	0.78	4	+31.16
		1/92 S.I.	OD (general)	S/N	0.51	4	+30.30
10	99	1/92 BOB	OD (general)	S/N	0.13	16	- 0.06
10	104	1/92 BOB	ID (general)	S/N	2.19	HTS-P	+ 7.37
		1/92 BOB	ID (general)	S/N	3.05	HTS-P	+15.17
11	35	1/92 BOB	OD (general)	S/N	0.81	11	+ 1.71
		1/92 S.I.	OD (general)	S/N	2.94	11	+ 1.45
11	48	1/92 BOB	ID (general)	S/N	5.17	HTS-P	+ 4.46
11	77	1/92 BOB	ID (general)	S/N	8.24	HTS-P	+10.36
11	81	1/92 BOB	ID (general)	98 % TW	7.27	HTS-P	+18.09
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.80

Plant: McGuire UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "B" - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.84
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.84
11	82	1/92 BOB	OD (general)	11 % TW	0.40	6	+38.26
		1/92 S.I.	OD (general)	S/N	0.28	6	+37.62
11	89	1/92 BOB	OD (general)	S/N	0.46	12	+42.53
12	40	1/92 BOB	OD (general)	35 % TW	0.58	11	+28.35
		1/92 S.I.	OD (general)	S/N	5.34	11	+28.62
12	54	1/92 BOB	ID (general)	S/N	4.50	HTS-P	+15.73
		1/92 BOB	II (general)	S/N	4.09	HTS-P	+11.78
12	113	1/92 BOB	ID (general)	S/N	3.64	HTS-P	+16.98
		1/92 TS	ID (general)	S/N	0.35	HTS-S	- 3.94
13	65	1/92 BOB	ID (general)	S/N	5.05	HTS-P	+12.25
13	76	1/92 BOB	ID (general)	55 % TW	5.74	HTS-P	+11.46
		1/92 BOB	ID (general)	S/N	10.53	HTS-P	+ 9.63
13	96	1/92 BOB	ID (general)	S/N	6.27	HTS-P	+ 6.19
		1/92 BOB	ID (general)	S/N	6.47	HTS-P	+ 9.09
14	98	1/92 BOB	ID (general)	S/N	7.82	HTS-P	+ 2.59
		1/92 BOB	ID (general)	50 % TW	8.81	HTS-P	+ 8.08
15	64	1/92 BOB	ID (general)	58 % TW	5.68	HTS-P	+18.18
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.43
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.47
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.47
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.47
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 2.51
15	104	1/92 TS	ID (general)	S/N	0.12	CTS-S	- 1.72
16	38	1/92 BOB	OD (general)	S/N	0.68	16	+ 1.49
16	59	1/92 BOB	ID (general)	63 % TW	9.46	HTS-P	+ 8.52
17	62	1/92 BOB	ID (general)	S/N	2.14	HTS-P	+13.23
17	70	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 0.06
17	74	1/92 BOB	ID (general)	S/N	2.60	HTS-P	+16.82
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 4.08
17	99	1/92 BOB	ID (general)	S/N	5.76	HTS-P	+18.17
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 2.56
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.64
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.64
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.64
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 2.64
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.64
18	45	1/92 TS	ID (general)	S/N	0.12	HTS-S	
18	71	1/92 BOB	ID (general)	S/N	0.59	HTS-P	+17.37
		1/92 TS	ID (general)	S/N	0.75	HTS-S	- 3.16
		1/92 TS	ID (general)	S/N	0.55	HTS-S	- 3.40
18	82	1/92 BOB	ID (general)	S/N	11.31	HTS-P	+16.24
18	96	1/92 BOB	ID (general)	68 % TW	10.21	HTS-P	+12.26
18	103	1/92 BOB	ID (general)	S/N	4.84	HTS-P	+17.72
		1/92 TS	ID (general)	31 % TW	0.32	HTS-S	- 2.75
		1/92 TS	ID (general)	35 % TW	0.32	HTS-S	- 2.75
		1/92 TS	ID (general)	10 % TW	0.28	HTS-S	- 2.79
		1/92 TS	ID (general)	4 % TW	0.20	HTS-S	- 2.79
		1/92 TS	ID (general)	1 % TW	0.12	HTS-S	- 2.83
20	62	1/92 BOB	OD (general)	S/N	0.31	3	+37.18
20	65	1/92 BOB	ID (general)	83 % TW	6.68	HTS-P	+12.12
20	94	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.80
20	95	1/92 BOB	ID (general)	50 % TW	10.46	HTS-P	+ 7.49
21	53	1/92 BOB	ID (general)	S/N	2.71	HTS-P	+12.80
21	74	1/92 BOB	ID (general)	73 % TW	16.60	HTS-P	+16.18
22	37	1/92 BOB	OD (general)	32 % TW	0.25	12	+21.95
		1/92 S.I.	OD (general)	S/N	1.42	12	+22.15
22	79	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.15
23	62	1/92 TS	ID (general)	S/N	0.30	HTS-S	+ 0.06
23	92	1/92 BOB	ID (general)	68 % TW	11.34	HTS-P	+ 5.43
26	58	1/92 BOB	ID (general)	S/N	0.83	HTS-P	+10.31
26	72	1/92 BOB	OD WEAR	13 % TW	0.41	AVB2	
26	82	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 0.40
26	85	1/92 BOB	OD (general)	S/N	0.54	7	+16.89
		1/92 S.I.	OD (general)	S/N	0.96	7	+16.82
27	27	1/92 BOB	ID (general)	S/N	1.98	HTS-P	+15.83



Plant: McGuire UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "B" - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
27	30	1/92 BOB	00 (general)	17 % TW	0.26	18	+18.20
		1/92 S.I.	00 (general)	S/N	0.33	18	+18.22
27	57	1/92 TS	1D (general)	S/N	0.16	HTS-S	+ 0.05
27	61	1/92 TS	1D (general)	S/N	0.16	HTS-S	- 0.10
27	69	1/92 BOB	1D (general)	60 % TW	5.28	HTS-P	+ 8.24
		1/92 BOB	1D (general)	68 % TW	5.09	HTS-P	+ 7.30
27	93	1/92 BOB	1D (general)	88 % TW	17.01	HTS-P	+14.10
27	101	1/92 BOB	1D (general)	40 % TW	5.98	HTS-P	+15.29
28	32	1/92 BOB	00 (general)	S/N	0.57	22	+16.82
		1/92 S.I.	00 (general)	S/N	2.87	22	+17.33
28	95	1/92 BOB	00 (general)	1 % TW	0.49	3	- 0.08
28	100	1/92 BOB	1D (general)	S/N	10.20	HTS-P	+13.33
28	105	1/92 BOB	00 WEAR	12 % TW	0.38	AVB3	
29	30	1/92 BOB	00 (general)	S/N	0.94	CTS-S	+ 3.45
		1/92 S.I.	00 (general)	S/N	0.47	CTS-S	+ 3.62
		1/92 S.I.	00 (general)	S/N	2.42	CTS-S	+ 3.55
29	31	1/92 BOB	00 (general)	9 % TW	0.56	7	+ 7.09
		1/92 S.I.	00 (general)	S/N	0.50	7	+ 7.05
29	48	1/92 BOB	1D (general)	58 % TW	7.91	HTS-P	+18.26
		1/92 TS	1D (general)	S/N	0.32	HTS-S	- 2.55
		1/92 TS	1D (general)	S/N	0.24	HTS-S	- 2.67
		1/92 TS	1D (general)	S/N	0.20	HTS-S	- 2.67
29	92	1/92 BOB	1D (general)	50 % TW	11.92	HTS-P	+14.54
30	78	1/92 BOB	1D (general)	S/N	8.07	HTS-P	+13.28
32	33	1/92 BOB	1D (general)	S/N	1.22	CTS-P	+18.64
32	66	1/92 BOB	00 (general)	19 % TW	0.80	18	+ 6.22
		1/92 S.I.	00 (general)	S/N	4.50	18	+ 6.46
32	95	1/92 BOB	1D (general)	S/N	1.50	HTS-P	+11.22
		1/92 TS	1D (general)	S/N	0.35	HTS-S	- 3.99
		1/92 TS	1D (general)	S/N	0.32	HTS-S	- 4.07
33	40	1/92 BOB	00 (general)	S/N	2.22	22	+15.68
33	80	1/92 BOB	1D (general)	S/N	3.04	HTS-P	+ 9.44
33	85	1/92 TS	1D (general)	S/N	0.28	HTS-S	- 3.14
34	42	1/92 BOB	00 (general)	S/N	0.71	3	+ 0.03
34	80	1/92 BOB	1D (general)	83 % TW	21.46	HTS-P	+ 9.33
		1/92 BOB	1D (general)	S/N	7.34	HTS-P	+ 7.24
34	84	1/92 BOB	00 (general)	S/N	0.57	3	+ 0.03
35	78	1/92 BOB	00 (general)	S/N	0.49	7	+24.95
		1/92 S.I.	00 (general)	S/N	0.43	7	+25.24
35	85	1/92 BOB	00 (general)	18 % TW	0.52	7	+ 4.11
		1/92 BOB	00 (general)	S/N	0.31	7	+ 8.08
		1/92 S.I.	00 (general)	S/N	0.51	7	+ 8.32
		1/92 S.I.	00 (general)	S/N	0.79	7	+ 4.27
36	59	1/92 BOB	00 WEAR	14 % TW	0.43	AVB2	
		1/92 BOB	00 WEAR	25 % TW	0.94	AVB3	
36	60	1/92 BOB	00 WEAR	25 % TW	1.61	AVB1	
		1/92 S.I.	00 WEAR	S/N	0.18	AVB1	
36	65	1/92 BOB	00 WEAR	21 % TW	1.17	AVB1	
		1/92 S.I.	00 WEAR	S/N	0.34	AVB1	
36	83	1/92 BOB	00 (general)	S/N	0.55	11	+17.15
		1/92 BOB	00 (general)	S/N	0.15	10	+ 5.17
		1/92 S.I.	00 (general)	S/N	2.18	10	+ 6.05
		1/92 S.I.	00 (general)	S/N	2.58	11	+16.97
36	94	1/92 BOB	00 (general)	S/N	0.26	12	+27.27
		1/92 S.I.	00 (general)	S/N	2.72	12	+27.18
37	19	1/92 BOB	00 (general)	9 % TW	0.76	12	+10.10
		1/92 S.I.	00 (general)	S/N	4.25	12	+10.46
38	32	1/92 BOB	00 WEAR	15 % TW	0.56	AVB2	
38	58	1/92 BOB	00 WEAR	17 % TW	0.55	AVB1	
		1/92 S.I.	00 WEAR	S/N	0.15	AVB1	
38	59	1/92 BOB	00 WEAR	22 % TW	0.77	AVB1	
		1/92 S.I.	00 WEAR	21 % TW	0.12	AVB1	
38	61	1/92 BOB	00 (general)	S/N	0.68	16	+ 8.04
		1/92 S.I.	00 (general)	S/N	3.33	16	+ 7.93
38	62	1/92 BOB	00 WEAR	17 % TW	0.52	AVB1	
		1/92 S.I.	00 WEAR	15 % TW	0.08	AVB1	
38	64	1/92 BOB	00 WEAR	22 % TW	0.80	AVB1	

Plant: McGuire UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: 5/G "B" - ATTACHMENT #2 INDICATIONS OF IMERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 S.I.	OD WEAR	29 % TW	0.17	AVB1	
38	71	1/92 BOB	OD (general)	S/N	0.47	11	+11.53
38	80	1/92 BOB	OD (general)	26 % TW	0.68	12	+36.32
38	87	1/92 BOB	OD WEAR	19 % TW	0.63	AVB3	
38	95	1/92 BOB	ID (general)	S/N	9.86	HTS-P	+11.42
39	29	1/92 BOB	OD WEAR	12 % TW	0.45	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.18	AVB1	
39	59	1/92 BOB	OD (general)	S/N	0.29	4	+25.03
		1/92 S.I.	OD (general)	S/N	0.48	4	+24.57
		1/92 S.I.	OD (general)	S/N	0.32	4	+26.90
39	85	1/92 BOB	OD (general)	S/N	0.38	6	+26.88
		1/92 S.I.	OD (general)	S/N	0.53	6	+27.10
39	87	1/92 BOB	OD (general)	13 % TW	0.58	13	+ 5.98
		1/92 S.I.	OD (general)	S/N	3.20	13	+ 6.14
40	59	1/92 BOB	OD WEAR	13 % TW	0.46	AVB1	
		1/92 BOB	OD WEAR	35 % TW	1.92	AVB2	
		1/92 S.I.	OD WEAR	17 % TW	0.09	AVB1	
		1/92 S.I.	OD WEAR	29 % TW	0.17	AVB2	
40	62	1/92 BOB	OD (general)	17 % TW	0.43	AVB2	
40	63	1/92 BOB	OD (general)	18 % TW	0.45	AVB1	
40	65	1/92 BOB	OD WEAR	11 % TW	0.40	AVB1	
40	66	1/92 BOB	OD WEAR	23 % TW	0.93	AVB1	
		1/92 S.I.	OD WEAR	17 % TW	0.09	AVB1	
40	69	1/92 BOB	OD (general)	21 % TW	0.85	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.10	AVB1	
40	80	1/92 BOB	OD (general)	12 % TW	0.43	AVB1	
		1/92 S.I.	OD WEAR	S/N	0.33	AVB1	
41	22	1/92 BOB	OD (general)	S/N	0.43	5	+ 6.71
		1/92 S.I.	OD (general)	S/N	0.54	5	+ 6.48
41	32	1/92 BOB	OD WEAR	20 % TW	0.69	AVB2	
41	40	1/92 BOB	OD WEAR	19 % TW	0.64	AVB1	
		1/92 S.I.	OD (general)	S/N	0.17	AVB1	
41	49	1/92 BOB	OD WEAR	28 % TW	1.16	AVB2	
		1/92 BOB	OD WEAR	15 % TW	0.48	AVB3	
41	61	1/92 BOB	OD WEAR	13 % TW	0.46	AVB1	+ 0.17
41	62	1/92 BOB	OD WEAR	24 % TW	1.02	AVB1	+ 0.07
		1/92 BOB	OD WEAR	20 % TW	0.77	AVB2	+ 0.09
		1/92 BOB	OD WEAR	16 % TW	0.57	AVB3	+ 0.04
		1/92 S.I.	OD WEAR	S/N	0.30	AVB1	
41	63	1/92 BOB	OD (general)	19 % TW	0.48	AVB1	+ 0.03
41	68	1/92 BOB	OD (general)	S/N	0.23	3	- 0.13
		1/92 BOB	OD WEAR	13 % TW	0.48	AVB1	+ 0.02
		1/92 BOB	OD WEAR	19 % TW	0.71	AVB2	- 0.13
41	70	1/92 BOB	OD WEAR	6 % TW	0.66	AVB1	+ 0.02
41	78	1/92 BOB	ID (general)	44 % TW	5.17	HTS-P	+14.07
41	81	1/92 BOB	OD (general)	S/N	2.32	3	+ 0.10
41	83	1/92 BOB	OD WEAR	10 % TW	0.27	AVB1	
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 1.06
42	55	1/92 BOB	OD WEAR	23 % TW	0.87	AVB1	
		1/92 S.I.	OD (general)	S/N	0.20	AVB1	
42	82	1/92 BOB	ID (general)	S/N	4.08	HTS-P	+ 6.33
43	34	1/92 BOB	OD (general)	20 % TW	0.65	AVB2	
43	50	1/92 BOB	OD WEAR	14 % TW	0.41	AVB1	
		1/92 S.I.	OD (general)	S/N	0.15	AVB1	
43	56	1/92 BOB	OD WEAR	16 % TW	0.53	AVB1	
		1/92 BOB	OD WEAR	18 % TW	0.61	AVB2	
		1/92 S.I.	OD (general)	S/N	0.09	AVB2	
		1/92 S.I.	OD (general)	S/N	0.14	AVB1	
43	57	1/92 BOB	OD WEAR	15 % TW	1.21	17	
		1/92 S.I.	OD WEAR	12 % TW	0.32	17	- 0.20
43	70	1/92 BOB	OD WEAR	15 % TW	0.42	AVB1	
43	71	1/92 BOB	ID (general)	S/N	4.33	HTS-P	+ 9.07
44	44	1/92 BOB	OD (general)	S/N	0.49	10	+16.31
		1/92 S.I.	OD (general)	S/N	1.55	10	+16.60
44	77	1/92 TS	ID (general)	S/N	0.32	HTS-S	- 2.78
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.82
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.82

Plant: McGuire UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "B" - ATTACHMENT #2 INDICATIONS OF IMERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
45	64	1/92 BOB	ID (general)	S/N	0.89	HTS-P	+14.23
45	78	1/92 BOB	OD (general)	S/N	0.25	3	+ 0.05
46	50	1/92 BOB	OD WEAR	13 % TW	1.69	17	
		1/92 S.I.	OD WEAR	29 % TW	1.04	17	- 0.19
46	51	1/92 BOB	OD (general)	S/N	0.32	3	+14.30
		1/92 S.I.	OD (general)	S/N	0.50	3	+22.22
		1/92 S.I.	OD (general)	S/N	0.48	3	+17.35
		1/92 S.I.	OD (general)	S/N	0.71	3	+14.24
46	54	1/92 BOB	OD WEAR	13 % TW	0.38	AVB3	
46	57	1/92 BOB	OD WEAR	6 % TW	0.95	17	
		1/92 S.I.	OD WEAR	16 % TW	0.44	17	- 0.19
46	59	1/92 BOB	OD WEAR	23 % TW	3.31	17	+ 0.03
		1/92 S.I.	OD WEAR	33 % TW	1.48	17	- 0.02
46	60	1/92 BOB	ID (general)	S/N	1.86	HTS-P	+10.13
46	71	1/92 BOB	OD WEAR	13 % TW	0.45	AVB1	
		1/92 S.I.	OD WEAR	21 % TW	0.11	AVB1	
46	76	1/92 BOB	OD (general)	27 % TW	0.60	6	+42.97
		1/92 S.I.	OD (general)	S/N	0.71	6	+40.18
		1/92 S.I.	OD (general)	S/N	0.43	6	+39.00
47	49	1/92 BOB	OD WEAR	9 % TW	1.00	7	
		1/92 S.I.	OD WEAR	22 % TW	0.66	17	+ 0.40
47	51	1/92 BOB	OD WEAR	8 % TW	0.88	17	
		1/92 S.I.	OD WEAR	16 % TW	0.45	17	- 0.22
47	53	1/92 BOB	OD WEAR	12 % TW	1.36	17	
		1/92 S.I.	OD WEAR	10 % TW	0.26	17	- 0.20
47	54	1/92 BOB	OD WEAR	22 % TW	2.85	17	
		1/92 S.I.	OD WEAR	29 % TW	1.05	17	- 0.21
47	55	1/92 BOB	OD WEAR	8 % TW	0.95	17	
		1/92 S.I.	OD WEAR	9 % TW	0.23	17	+ 0.12
47	57	1/92 BOB	OD WEAR	11 % TW	1.24	17	
		1/92 S.I.	OD WEAR	23 % TW	0.72	17	+ 0.32
47	62	1/92 BOB	OD WEAR	10 % TW	1.28	17	
47	63	1/92 BOB	OD WEAR	9 % TW	1.08	17	
47	64	1/92 BOB	OD (general)	S/N	0.24	3	+ 0.03
		1/92 BOB	OD WEAR	6 % TW	0.75	17	
47	69	1/92 BOB	ID (general)	S/N	8.49	HTS-P	+ 3.45
		1/92 BOB	ID (general)	S/N	6.16	HTS-P	+ 8.19
48	45	1/92 BOB	OD WEAR	5 % TW	0.55	13	+ 0.29
		1/92 BOB	OD WEAR	27 % TW	4.24	17	
		1/92 BOB	OD WEAR	28 % TW	3.97	17	
		1/92 S.I.	OD WEAR	30 % TW	1.11	13	+ 0.33
		1/92 S.I.	OD WEAR	42 % TW	2.62	17	+ 0.37
48	49	1/92 BOB	OD WEAR	11 % TW	1.33	17	
		1/92 S.I.	OD WEAR	14 % TW	0.39	17	- 0.20
48	53	1/92 BOB	OD WEAR	11 % TW	1.32	17	
		1/92 S.I.	OD WEAR	17 % TW	0.49	17	- 0.21
48	54	1/92 BOB	OD WEAR	8 % TW	0.89	17	
		1/92 S.I.	OD WEAR	23 % TW	0.72	17	- 0.24
48	55	1/92 BOB	OD WEAR	8 % TW	1.00	17	
		1/92 S.I.	OD WEAR	18 % TW	0.50	17	+ 0.15
48	56	1/92 BOB	OD WEAR	13 % TW	1.67	17	
		1/92 BOB	OD WEAR	13 % TW	1.48	17	
		1/92 S.I.	OD WEAR	19 % TW	0.55	17	+ 0.24
48	57	1/92 BOB	OD (general)	34 % TW	0.48	17	
		1/92 S.I.	OD WEAR	19 % TW	0.56	17	+ 0.10
48	58	1/92 BOB	ID (general)	S/N	1.30	HTS-P	+13.20
		1/92 BOB	OD WEAR	10 % TW	1.22	17	
		1/92 S.I.	OD WEAR	19 % TW	0.56	17	+ 0.32
48	60	1/92 BOB	OD WEAR	24 % TW	0.90	17	
		1/92 S.I.	OD WEAR	10 % TW	0.27	17	- 0.24
48	61	1/92 BOB	OD WEAR	33 % TW	1.57	17	
		1/92 BOB	OD WEAR	34 % TW	1.69	20	
		1/92 S.I.	OD WEAR	S/N	0.17	20	+ 0.22
48	62	1/92 BOB	OD WEAR	23 % TW	0.87	17	
		1/92 BOB	OD WEAR	23 % TW	0.85	18	
48	63	1/92 BOB	OD WEAR	44 % TW	3.12	17	
		1/92 S.I.	OD WEAR	35 % TW	1.61	17	- 0.24

Plant: McGuire UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "B" - ATTACHMENT #2 INDICATIONS OF IMERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
48	65	1/92 BOB	OD WEAR	30 % TW	1.34	17	
		1/92 S.I.	OD WEAR	16 % TW	0.45	17	- 0.19
48	66	1/92 BOB	OD WEAR	44 % TW	3.01	17	
		1/92 S.I.	OD WEAR	17 % TW	0.40	17	
49	46	1/92 BOB	OD (general)	69 % TW	1.49	6	- 0.29
		1/92 BOB	OD (general)	S/N	1.14	6	- 0.27
49	49	1/92 BOB	OD WEAR	11 % TW	1.29	17	
		1/92 BOB	OD WEAR	12 % TW	1.52	17	
		1/92 S.I.	OD WEAR	26 % TW	0.87	17	- 0.25
49	51	1/92 BOB	OD WEAR	18 % TW	2.23	17	
		1/92 BOB	OD WEAR	17 % TW	2.29	17	
		1/92 S.I.	OD WEAR	S/N	0.26	AVB4	
		1/92 S.I.	OD WEAR	26 % TW	0.89	17	- 0.20
49	52	1/92 BOB	OD WEAR	14 % TW	1.61	17	
		1/92 BOB	OD WEAR	13 % TW	1.66	17	
		1/92 S.I.	OD WEAR	30 % TW	1.14	17	- 0.12
49	55	1/92 BOB	OD WEAR	11 % TW	1.37	17	
		1/92 S.I.	OD WEAR	13 % TW	0.35	17	- 0.20
49	56	1/92 BOB	OD WEAR	7 % TW	0.80	17	- 0.11
		1/92 S.I.	OD WEAR	26 % TW	0.89	17	- 0.17
49	57	1/92 BOB	OD WEAR	11 % TW	1.33	13	
		1/92 S.I.	OD WEAR	18 % TW	0.51	13	- 0.06
49	60	1/92 BOB	OD WEAR	28 % TW	1.19	17	
		1/92 S.I.	OD WEAR	13 % TW	0.36	17	- 0.27
49	63	1/92 BOB	ID (general)	S/N	0.91	HTS-P	+ 4.54
		1/92 BOB	OD WEAR	46 % TW	3.53	17	
		1/92 S.I.	OD WEAR	37 % TW	1.92	17	+ 0.24
49	69	1/92 BOB	OD (general)	21 % TW	0.64	6	+ 0.70
		1/92 BOB	OD WEAR	30 % TW	1.31	18	
49	82	1/92 BOB	OD (general)	53 % TW	7.86	HTS-P	+14.08

TOTAL TUBES FOUND = 199  
TOTAL INDICATIONS FOUND = 365

Plant: McGuire Unit 2 Steam Generator: C  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "C" - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	39	1/92 BOB	ID (general)	S/N	4.88	HTS-P	+ 4.12
		1/92 BOB	ID (general)	S/N	4.09	HTS-P	+ 4.31
2	97	1/92 BOB	ID (general)	85 % TW	5.45	HTS-P	+10.81
2	107	1/92 BOB	ID (general)	46 % TW	4.85	HTS-P	+ 4.06
3	50	1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.04
4	53	1/92 BOB	ID (general)	60 % TW	17.56	HTS-P	+ 5.94
4	56	1/92 BOB	ID (general)	S/N	1.29	CTS-P	+ 7.02
4	57	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 4.10
4	87	1/92 BOB	OD (general)	S/N	0.42	1	+11.49
		1/92 S.I.	OD (general)	S/N	0.33	1	+11.90
4	88	1/92 BOB	ID (general)	65 % TW	18.47	HTS-P	+12.35
5	26	1/92 BOB	ID (general)	S/N	3.48	HTS-P	+11.21
5	28	1/92 BOB	OD (general)	30 % TW	0.30	11	+ 9.48
		1/92 S.I.	OD (general)	S/N	0.42	11	+ 7.24
5	29	1/92 S.I.	OD (general)	S/N	2.61	21	+ 1.30
		1/92 S.I.	OD (general)	S/N	2.59	21	+ 1.37
5	44	1/92 BOB	ID (general)	S/N	5.14	HTS-P	+17.02
		1/92 TS	ID (general)	S/N	0.16	HTS-S	
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 4.01
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 4.05
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 4.05
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 4.05
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 4.09
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 4.16
5	55	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.08
6	80	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.07
6	97	1/92 BOB	ID (general)	S/N	2.98	HTS-P	+ 7.81
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.95
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 1.95
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.99
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.99
7	15	1/92 BOB	OD (general)	S/N	0.67	4	+ 0.11
7	23	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 4.07
7	40	1/92 TS	ID (general)	S/N	0.39	HTS-S	- 3.87
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 4.07
7	74	1/92 BOB	ID (general)	93 % TW	2.08	HTS-P	+17.88
		1/92 TS	ID (general)	S/N	0.39	HTS-S	- 3.44
8	19	1/92 BOB	ID (general)	S/N	2.64	HTS-P	+13.17
		1/92 BOB	ID (general)	S/N	4.26	HTS-P	+17.97
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 4.10
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 4.14
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.18
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 3.18
8	38	1/92 BOB	OD (general)	S/N	0.44	6	+39.10
		1/92 S.I.	OD (general)	S/N	0.91	6	+40.35
9	17	1/92 BOB	ID (general)	72 % TW	0.76	HTS-P	+12.51
		1/92 BOB	ID (general)	S/N	11.86	HTS-P	+17.25
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.97
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 4.00
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 4.00
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 4.04
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 4.04
10	50	1/92 BOB	ID (general)	88 % TW	6.94	CTS-P	+10.37
10	59	1/92 BOB	ID (general)	S/N	4.49	HTS-P	+15.11
10	81	1/92 SLV	OD (general)	S/N	8.15	HTS-S	+11.34
11	6	1/92 BOB	OD (general)	S/N	0.28	3	+ 0.05
11	45	1/92 TS	ID (general)	S/N	0.12	HTS-S	- 4.07
12	27	1/92 BOB	ID (general)	83 % TW	3.57	HTS-P	+12.40
12	68	1/92 TS	ID (general)	S/N	0.47	HTS-S	- 3.41
		1/92 TS	ID (general)	S/N	0.47	HTS-S	- 3.41
		1/92 TS	ID (general)	S/N	0.43	HTS-S	- 3.45
		1/92 TS	ID (general)	S/N	0.43	HTS-S	- 3.63
		1/92 TS	ID (general)	S/N	0.39	HTS-S	- 3.67
		1/92 TS	ID (general)	S/N	0.35	HTS-S	- 3.71
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.83
12	76	1/92 BOB	OD (general)	28 % TW	0.51	HTS-S	+ 3.45
		1/92 BOB	OD (general)	2 % TW	0.31	1	+ 3.94



Plant: McGuire UNIT 2 Steam Generator: C  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "C" - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 S.I.	OD (general)	S/N	11.30	HTS-S	+ 3.66
		1/92 S.I.	OD (general)	S/N	0.42	1	+ 3.80
		1/92 S.I.	OD (general)	S/N	0.43	1	+12.95
13	38	1/92 BOB	OD (general)	S/N	0.23	5	
13	66	1/92 BOB	ID (general)	50 % TW	8.97	HTS-P	+16.18
		1/92 BOB	ID (general)	S/N	3.98	HTS-P	+14.25
		1/92 BOB	ID (general)	43 % TW	6.66	HTS-P	+10.39
13	74	1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.03
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.03
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.03
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.03
13	76	1/92 BOB	ID (general)	68 % TW	7.37	HTS-P	+14.37
		1/92 BOB	ID (general)	43 % TW	3.74	HTS-P	+17.18
14	17	1/92 TS	ID (general)	S/N	0.08	HTS-S	- 3.77
14	23	1/92 BOB	ID (general)	43 % TW	14.24	HTS-P	+13.18
14	35	1/92 TS	ID (general)	S/N	0.08	HTS-S	- 3.81
14	63	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.19
14	64	1/92 BOB	OD (general)	S/N	0.49	18	+ 8.17
		1/92 S.I.	OD (general)	S/N	1.00	18	+ 8.95
14	67	1/92 BOB	ID (general)	S/N	4.43	HTS-P	+ 3.43
		1/92 BOB	ID (general)	58 % TW	6.01	HTS-P	+ 7.36
14	71	1/92 BOB	ID (general)	48 % TW	4.36	HTS-P	+10.30
		1/92 BOB	ID (general)	70 % TW	7.81	HTS-P	+15.19
		1/92 BOB	ID (general)	S/N	8.77	HTS-P	+16.08
14	72	1/92 BOB	ID (general)	S/N	6.69	HTS-P	+18.17
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.97
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.97
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.97
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.97
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.01
14	76	1/92 BOB	ID (general)	53 % TW	3.95	HTS-P	+19.18
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 2.00
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 2.00
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.04
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 2.20
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 2.20
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 2.20
14	78	1/92 TS	ID (general)	S/N	0.32	HTS-S	- 3.90
15	54	1/92 BOB	OD (general)	S/N	0.36	7	- 0.05
15	69	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 0.87
16	96	1/92 BOB	ID (general)	S/N	1.51	HTS-P	+ 5.56
17	11	1/92 BOB	ID (general)	S/N	6.54	HTS-P	+16.90
		1/92 BOB	ID (general)	40 % TW	4.71	HTS-S	- 2.13
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 4.16
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 4.20
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 4.20
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 4.20
17	30	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 4.11
17	43	1/92 TS	ID (general)	S/N	0.51	HTS-S	- 3.01
18	5	1/92 BOB	OD WEAR	30 % TW	3.97	15	
		1/92 S.I.	OD (general)	S/N	1.85	15	- 0.80
		1/92 S.I.	OD (general)	S/N	1.76	16	+10.38
18	10	1/92 BOB	OD (general)	32 % TW	0.87	21	- 1.87
		1/92 S.I.	OD (general)	S/N	1.05	21	- 1.51
		1/92 S.I.	OD (general)	S/N	1.02	21	- 2.00
18	24	1/92 TS	ID (general)	S/N	0.32	HTS-S	- 4.16
18	61	1/92 TS	ID (general)	S/N	0.30	HTS-S	- 4.12
19	24	1/92 BOB	ID (general)	S/N	1.61	HTS-P	+17.12
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 4.11
19	55	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 0.07
19	63	1/92 TS	ID (general)	S/N	0.30	HTS-S	- 4.10
19	75	1/92 BOB	OD (general)	S/N	0.55	5	+ 0.19
19	106	1/92 BOB	OD (general)	5 % TW	0.51	6	+ 2.95
		1/92 S.I.	OD (general)	S/N	0.54	6	+11.34
		1/92 S.I.	OD (general)	S/N	0.78	6	+ 6.92
		1/92 S.I.	OD (general)	S/N	1.61	6	+ 2.73
20	20	1/92 BOB	ID (general)	S/N	7.02	HTS-P	+14.06

Plant: McGUIRE UNIT 2 Steam Generator: C  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "C" - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
20	62	1/92 TS	ID (general)	S/N	0.30	HTS-S	- 4.16
21	39	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.18
21	47	1/92 TS	ID (general)	S/N	0.55	HTS-S	- 3.72
21	69	1/92 BOB	OD WEAR	15 % TW	0.38	AVB2	
		1/92 BOB	OD WEAR	33 % TW	1.27	AVB3	
		1/92 S.I.	OD WEAR	39 % TW	0.17	AVB3	
		1/92 S.I.	OD WEAR	35 % TW	0.38	AVB3	
21	72	1/92 BOB	OD WEAR	18 % TW	0.48	AVB3	
23	14	1/92 BOB	ID (general)	S/N	2.40	HTS-P	+17.98
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.07
23	58	1/92 TS	ID (general)	S/N	3.20	HTS-S	- 3.28
25	27	1/92 BOB	ID (general)	S/H	5.87	HTS-P	+ 9.37
26	27	1/92 BOB	ID (general)	S/N	3.87	HTS-P	+14.99
26	77	1/92 BOB	OD (general)	S/N	0.68	8	+30.78
26	105	1/92 BOB	ID (general)	40 % TW	3.80	CTS-P	+10.37
27	32	1/92 BOB	OD WEAR	24 % TW	0.64	AVB3	
		1/92 S.I.	OD WEAR	33 % TW	0.36	AVB3	
27	34	1/92 BOB	OD WEAR	19 % TW	0.42	AVB3	
		1/92 S.I.	OD WEAR	20 % TW	0.27	AVB3	
28	18	1/92 BOB	OD (general)	S/N	1.08	3	- 0.05
29	44	1/92 BOB	ID (general)	S/N	8.88	HTS-P	+ 6.51
29	87	1/92 BOB	OD WEAR	8 % TW	0.34	AVB1	
31	98	1/92 BOB	OD WEAR	21 % TW	0.66	AVB2	
33	12	1/92 BOB	OD WEAR	19 % TW	0.54	AVB3	
		1/92 S.I.	OD WEAR	17 % TW	0.24	AVB3	
33	95	1/92 BOB	ID (general)	S/N	1.09	HTS-P	+ 8.37
34	13	1/92 BOB	ID (general)	S/N	1.66	CTS-P	+15.01
		1/92 BOB	ID (general)	55 % TW	2.26	CTS-P	+15.99
		1/92 BOB	ID (general)	68 % TW	1.60	CTS-P	+17.01
		1/92 BOB	ID (general)	50 % TW	2.32	CTS-P	+17.97
34	21	1/92 BOB	ID (general)	S/N	1.20	HTS-P	+ 3.88
34	36	1/92 BOB	ID (general)	S/N	0.57	HTS-P	+ 8.72
34	39	1/92 BOB	ID (general)	S/N	1.38	CTS-P	+ 2.40
35	33	1/92 BOB	ID (general)	S/N	1.85	CTS-P	+18.03
35	48	1/92 BOB	ID (general)	80 % TW	13.56	HTS-P	+ 1.67
		1/92 BOB	ID (general)	48 % TW	7.13	HTS-P	+ 2.64
35	62	1/92 BOB	OD WEAR	27 % TW	0.98	AVB1	
		1/92 S.I.	OD WEAR	45 % TW	0.18	AVB1	
36	49	1/92 BOB	OD WEAR	21 % TW	0.64	AVB2	
36	72	1/92 BOB	OD WEAR	24 % TW	0.80	AVB2	
		1/92 BOB	OD WEAR	24 % TW	0.81	AVB1	
37	44	1/92 BOB	ID (general)	41 % TW	6.90	HTS-P	+14.36
37	79	1/92 BOB	OD WEAR	42 % TW	2.96	AVB2	
		1/92 S.I.	OD WEAR	56 % TW	0.30	AVB2	
37	99	1/92 BOB	OD (general)	8 % TW	0.71	10	+ 9.35
		1/92 S.I.	OD (general)	S/N	0.90	10	+ 9.21
38	18	1/92 BOB	OD (general)	9 % TW	0.85	AVB3	
		1/92 S.I.	OD WEAR	19 % TW	0.25	AVB3	
38	22	1/92 BOB	OD (general)	5 % TW	0.42	AVB1	
38	47	1/92 BOB	OD WEAR	32 % TW	1.63	AVB3	
		1/92 S.I.	OD WEAR	28 % TW	0.33	AVB3	
38	70	1/92 BOB	OD WEAR	22 % TW	0.63	AVB1	
38	79	1/92 BOB	ID (general)	S/N	0.68	HTS-P	+16.19
		1/92 BOB	OD WEAR	14 % TW	0.33	AVB1	
		1/92 BOB	OD WEAR	22 % TW	0.62	AVB2	
		1/92 BOB	OD WEAR	22 % TW	0.62	AVB3	
		1/92 S.I.	OD WEAR	27 % TW	0.32	AVB3	
39	22	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.10
39	29	1/92 BOB	OD WEAR	28 % TW	1.12	AVB2	
40	51	1/92 BOB	OD WEAR	19 % TW	0.52	AVB1	
40	62	1/92 BOB	OD WEAR	5 % TW	0.64	AVB1	
40	63	1/92 BOB	ID (general)	S/N	2.65	HTS-P	+ 9.31
41	46	1/92 BOB	OD WEAR	20 % TW	0.58	AVB1	
		1/92 S.I.	OD WEAR	27 % TW	0.10	AVB1	
42	63	1/92 BOB	OD (general)	95 % TW	0.72	5	+ 3.93
		1/92 S.I.	OD (general)	S/N	0.28	5	+ 3.73
42	81	1/92 BOB	OD WEAR	20 % TW	0.63	AVB3	

Plant: McGUIRE UNIT 2 Steam Generator: C  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "C" - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS LOCATION	INCHES
		1/92 S.I.	OD WEAR	17 % TW	0.24 AVB3	
42	83	1/92 BOB	OD WEAR	17 % TW	0.66 AVB2	
42	87	1/92 BOB	OD WEAR	24 % TW	0.83 AVB3	
		1/92 S.I.	OD WEAR	30 % TW	0.34 AVB3	
42	91	1/92 BOB	OD WEAR	28 % TW	1.04 AVB2	
43	42	1/92 BOB	OD WEAR	22 % TW	0.68 AVB1	
43	64	1/92 BOB	OD WEAR	35 % TW	1.52 AVB1	
43	83	1/92 BOB	OD WEAR	27 % TW	0.97 AVB3	
		1/92 S.I.	OD WEAR	26 % TW	0.32 AVB3	
44	92	1/92 S.I.	OD (general)	S/N	45.80 5	+31.25
45	47	1/92 BOB	OD WEAR	19 % TW	0.61 AVB1	
45	64	1/92 BOB	OD (general)	S/N	2.26 CTS-5	+ 0.77
46	77	1/92 BOB	OD WEAR	19 % TW	0.57 AVB1	

TOTAL TUBES FOUND = 115  
TOTAL INDICATIONS FOUND = 214

Plant: McGuire UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "D" - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	28	1/92 S.I.	ID (general)	S/N	0.59	3	+11.75
2	61	1/92 BOB	ID (general)	S/N	2.71	HTS-P	+14.86
3	28	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.12
3	61	1/92 BOB	ID (general)	S/N	2.19	HTS-P	+ 8.18
3	64	1/92 BOB	ID (general)	S/N	0.25	11	+ 4.88
		1/92 S.I.	ID (general)	S/N	0.38	11	+ 4.77
3	65	1/92 BOB	ID (general)	S/N	2.50	HTS-P	+ 6.02
3	111	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.09
4	4	1/92 S.I.	ID (general)	S/N	0.29	10	+33.35
4	61	1/92 BOB	ID (general)	S/N	1.56	HTS-P	+14.09
		1/92 BOB	ID (general)	S/N	1.30	HTS-P	+15.06
4	70	1/92 BOB	ID (general)	S/N	18.37	HTS-P	+14.92
4	81	1/92 TS	ID (general)	S/N	0.24	HTS-S	+ 0.04
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 0.04
4	113	1/92 BOB	ID (general)	70 % TW	3.24	CTS-P	+ 7.38
		1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.09
5	1	1/92 S.I.	ID (general)	S/N	0.30	13	+ 9.03
		1/92 S.I.	ID (general)	S/N	0.31	12	+18.55
5	75	1/92 BOB	ID (general)	15 % TW	0.49	20	+ 5.50
		1/92 S.I.	ID (general)	S/N	0.60	20	+ 5.52
6	27	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 1.12
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 1.16
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 1.16
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.16
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.16
6	36	1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.16
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 1.34
6	66	1/92 BOB	ID (general)	S/N	0.74	10	+20.43
		1/92 S.I.	ID (general)	S/N	0.45	10	+41.19
		1/92 S.I.	ID (general)	S/N	0.51	10	+38.42
		1/92 S.I.	ID (general)	S/N	0.71	10	+29.33
		1/92 S.I.	ID (general)	S/N	0.67	10	+26.17
		1/92 S.I.	ID (general)	S/N	0.56	10	+23.20
		1/92 S.I.	ID (general)	S/N	0.57	10	+21.34
		1/92 S.I.	ID (general)	S/N	0.50	10	+20.15
		1/92 S.I.	ID (general)	S/N	0.53	10	+17.96
6	72	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 0.05
7	72	1/92 BOB	ID (general)	65 % TW	16.56	HTS-P	+16.83
7	81	1/92 BOB	ID (general)	40 % TW	20.90	HTS-P	+ 3.70
7	83	1/92 BOB	ID (general)	S/N	5.50	HTS-P	+ 4.72
7	94	1/92 BOB	ID (general)	S/N	1.76	HTS-P	+16.00
9	47	1/92 BOB	ID (general)	S/N	0.23	6	+25.35
		1/92 S.I.	ID (general)	S/N	0.58	6	+24.55
9	75	1/92 BOB	ID (general)	S/N	3.31	HTS-P	+ 8.41
9	79	1/92 BOB	ID (general)	S/N	3.91	HTS-P	+12.33
		1/92 BOB	ID (general)	S/N	4.23	HTS-P	+13.58
9	112	1/92 BOB	ID (general)	S/N	0.74	13	+ 6.75
		1/92 BOB	ID (general)	S/N	0.59	13	+11.42
		1/92 S.I.	ID (general)	S/N	0.52	13	+11.42
		1/92 S.I.	ID (general)	S/N	0.56	13	+ 6.76
10	74	1/92 BOB	ID (general)	50 % TW	7.47	HTS-P	+16.20
10	87	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.22
11	40	1/92 BOB	ID (general)	19 % TW	0.47	12	+14.10
		1/92 S.I.	ID (general)	S/N	0.64	12	+14.14
12	74	1/92 TS	ID (general)	S/N	0.12	HTS-S	- 1.91
12	82	1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.62
		1/92 TS	ID (general)	S/N	0.35	HTS-S	- 3.42
		1/92 TS	ID (general)	4 % TW	0.28	HTS-S	- 2.02
		1/92 TS	ID (general)	5 % TW	0.16	HTS-S	- 2.10
		1/92 TS	ID (general)	3 % TW	0.16	HTS-S	- 2.10
		1/92 TS	ID (general)	4 % TW	0.12	HTS-S	- 2.10
		1/92 TS	ID (general)	4 % TW	0.16	HTS-S	- 2.10
		1/92 TS	ID (general)	4 % TW	0.16	HTS-S	- 2.10
		1/92 TS	ID (general)	2 % TW	0.12	HTS-S	- 2.10
		1/92 TS	ID (general)	2 % TW	0.12	HTS-S	- 2.14
		1/92 TS	ID (general)	2 % TW	0.12	HTS-S	- 2.14
13	64	1/92 BOB	ID (general)	S/N	1.88	HTS-P	+15.86

Plant: McGuire UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "D" - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
13	70	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 1.22
13	82	1/92 BOB	ID (general)	S/N	10.33	HTS-P	+ 5.07
13	89	1/92 TS	ID (general)	S/N	0.12	HTS-S	+ 0.05
13	91	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.15
13	93	1/92 BOB	ID (general)	S/N	2.24	HTS-P	+13.38
13	110	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.09
13	111	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 1.70
14	74	1/92 BOB	ID (general)	98 % TW	0.89	HTS-P	+ 8.41
		1/92 BOB	ID (general)	S/N	1.20	HTS-P	+ 9.21
14	75	1/92 BOB	ID (general)	90 % TW	1.32	HTS-P	+10.31
14	79	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.07
14	81	1/92 BOB	ID (general)	85 % TW	25.45	HTS-P	+ 1.39
		1/92 BOB	ID (general)	53 % TW	11.69	HTS-P	+ 4.55
14	83	1/92 TS	ID (general)	S/N	0.28	HTS-S	+ 0.04
		1/92 TS	ID (general)	S/N	0.28	HTS-S	
14	84	1/92 BOB	OD (general)	S/N	0.55	4	+10.56
14	85	1/92 TS	ID (general)	S/N	0.28	HTS-S	+ 0.07
		1/92 TS	ID (general)	S/N	0.35	HTS-S	+ 0.11
14	100	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.12
14	101	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.98
14	104	1/92 BOB	ID (general)	48 % TW	38.89	10	+23.04
15	31	1/92 BOB	OD (general)	S/N	0.42	7	
15	48	1/92 BOB	ID (general)	68 % TW	8.35	HTS-P	+16.22
15	58	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.06
15	66	1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.12
15	92	1/92 BOB	ID (general)	S/N	3.02	HTS-P	+19.72
15	110	1/92 BOB	ID (general)	S/N	4.22	HTS-P	+17.16
15	112	1/92 TS	ID (general)	3 % TW	0.35	HTS-S	- 1.77
16	54	1/92 BOB	OD (general)	S/N	0.45	11	+24.02
		1/92 S.I.	OD (general)	S/N	0.60	11	+24.03
16	61	1/92 BOB	OD (general)	65 % TW	0.22	18	+ 8.13
		1/92 S.I.	OD (general)	S/N	0.50	18	+ 8.06
16	62	1/92 BOB	OD (general)	7 % TW	0.53	1	+ 5.88
		1/92 S.I.	OD (general)	S/N	0.57	1	+ 8.74
		1/92 S.I.	OD (general)	S/N	1.09	1	+ 6.07
16	70	1/92 BOB	OD (general)	S/N	0.99	AVB1	+ 9.36
		1/92 S.I.	OD (general)	S/N	1.68	AVB1	+ 9.52
16	80	1/92 BOB	OD (general)	S/N	0.19	3	
16	92	1/92 BOB	ID (general)	S/N	3.43	HTS-P	+15.49
		1/92 BOB	ID (general)	S/N	7.80	HTS-P	+ 8.52
17	53	1/92 BOB	OD (general)	30 % TW	0.40	CTS-S	+ 2.92
17	95	1/92 BOB	OD (general)	S/N	0.34	7	- 0.05
17	99	1/92 BOB	ID (general)	S/N	8.73	HTS-P	+16.95
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.91
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 3.91
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 3.91
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 3.91
		1/92 TS	ID (general)	S/N	0.04	HTS-S	- 3.91
17	102	1/92 BOB	OD (general)	S/N	0.51	7	+26.05
		1/92 BOB	OD (general)	S/N	0.47	13	+ 2.76
		1/92 S.I.	OD (general)	S/N	0.73	7	+26.31
		1/92 S.I.	OD (general)	S/N	0.32	7	+41.64
		1/92 S.I.	OD (general)	S/N	0.38	13	+18.88
		1/92 S.I.	OD (general)	S/N	0.36	13	+ 2.90
18	104	1/92 BOB	OD (general)	S/N	0.40	3	+16.90
		1/92 S.I.	OD (general)	S/N	0.66	3	+17.08
20	12	1/92 BOB	OD (general)	23 % TW	0.53	10	+17.15
20	60	1/92 BOB	OD (general)	S/N	0.58	7	+30.09
		1/92 S.I.	OD (general)	S/N	0.70	7	+30.77
20	71	1/92 BOB	ID (general)	45 % TW	4.15	HTS-P	+17.31
22	74	1/92 BOB	OD (general)	S/N	1.05	10	+34.71
		1/92 S.I.	OD (general)	S/N	0.82	10	+34.62
22	77	1/92 BOB	ID (general)	S/N	5.44	HTS-P	+14.51
22	99	1/92 BOB	OD (general)	S/N	0.88	2	+ 4.57
		1/92 S.I.	OD (general)	S/N	1.83	2	+ 4.59
22	105	1/92 BOB	OD (general)	S/N	1.45	8	+11.91
		1/92 S.I.	OD (general)	S/N	0.78	8	+12.46



Plant: McGUIRE UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "D" - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
24	70	1/92 BOB	ID (general)	S/N	4.82	HTS-P	+16.05
25	93	1/92 TS	ID (general)	S/N	0.28	HTS-S	+ 0.17
		1/92 TS	ID (general)	S/N	0.24	HTS-S	+ 0.13
26	99	1/92 BOB	ID (general)	S/N	2.31	HTS-P	+17.89
		1/92 TS	ID (general)	S/N	0.39	HTS-S	- 3.06
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 3.10
27	59	1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.73
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.85
27	71	1/92 BOB	ID (general)	51 % TW	5.98	HTS-P	+17.86
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.80
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.80
28	14	1/92 BOB	OD (general)	17 % TW	0.45	AVB1	
		1/92 S.I.	OD WEAR	17 % TW	0.07	AVB1	
28	31	1/92 BOB	ID (general)	S/N	1.66	CTS-P	+17.81
28	70	1/92 BOB	ID (general)	65 % TW	5.34	HTS-P	+17.14
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.93
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.93
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.93
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.97
28	84	1/92 BOB	OD WEAR	17 % TW	0.37	AVB3	
28	101	1/92 BOB	OD (general)	S/N	0.39	11	+32.38
		1/92 S.I.	OD (general)	S/N	0.09	11	+32.23
29	61	1/92 BOB	ID (general)	S/N	3.09	HTS-P	+15.02
29	62	1/92 BOB	OD WEAR	30 % TW	1.25	AVB1	
29	76	1/92 BOB	ID (general)	S/N	5.69	HTS-P	+15.83
29	103	1/92 BOB	ID (general)	58 % TW	7.41	HTS-P	+18.21
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.80
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 2.84
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.84
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 2.84
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 2.84
30	26	1/92 BOB	OD (general)	11 % TW	0.72	8	+ 4.01
		1/92 S.I.	OD (general)	S/N	1.72	8	+ 4.34
30	88	1/92 BOB	ID (general)	65 % TW	6.48	HTS-P	+18.13
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.21
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.25
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 3.25
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.25
30	102	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.04
31	29	1/92 BOB	OD WEAR	18 % TW	0.45	AVB4	
31	38	1/92 BOB	OD WEAR	27 % TW	0.89	AVB3	
31	40	1/92 BOB	OD (general)	S/N	0.36	6	+30.27
		1/92 S.I.	OD (general)	S/N	0.76	6	+29.93
31	46	1/92 BOB	OD WEAR	14 % TW	0.33	AVB1	
31	91	1/92 BOB	OD (general)	13 % TW	0.84	4	+17.19
		1/92 S.I.	OD (general)	S/N	1.45	4	+16.65
32	18	1/92 BOB	OD WEAR	16 % TW	0.39	AVB1	
32	26	1/92 BOB	OD WEAR	14 % TW	0.34	AVB2	
32	27	1/92 BOB	OD WEAR	23 % TW	0.65	AVB3	
32	48	1/92 BOB	OD WEAR	17 % TW	0.41	AVB3	
32	76	1/92 BOB	ID (general)	S/N	4.55	HTS-P	+16.16
33	64	1/92 BOB	OD (general)	76 % TW	3.20	9	+ 1.54
		1/92 S.I.	OD (general)	S/N	1.00	9	+ 1.55
33	79	1/92 BOB	OD (general)	S/N	0.27	7	+32.18
		1/92 S.I.	OD (general)	S/N	0.27	7	+35.46
		1/92 S.I.	OD (general)	S/N	0.43	7	+31.81
33	88	1/92 BOB	OD WEAR	11 % TW	0.22	AVB1	
33	92	1/92 BOB	OD (general)	24 % TW	0.29	22	+ 6.27
		1/92 S.I.	OD (general)	S/N	0.80	22	+ 6.27
34	16	1/92 BOB	OD WEAR	10 % TW	0.25	AVB1	
34	17	1/92 BOB	OD WEAR	21 % TW	0.58	AVB1	
34	23	1/92 BOB	OD WEAR	15 % TW	0.36	AVB1	
34	27	1/92 BOB	OD WEAR	24 % TW	0.67	AVB3	
34	33	1/92 BOB	OD (general)	13 % TW	0.88	2	+14.43
		1/92 S.I.	OD (general)	S/N	1.04	2	+14.24
34	49	1/92 BOB	OD WEAR	15 % TW	0.37	AVB1	
35	17	1/92 BOB	OD WEAR	22 % TW	0.62	AVB1	

Plant: McGuire UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "D" - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
35	18	1/92 BOB	OD WEAR	21 % TW	0.54	AVB1	
35	39	1/92 BOB	OD WEAR	20 % TW	0.53	AVB4	
35	40	1/92 BOB	OD WEAR	25 % TW	0.76	AVB2	
35	51	1/92 BOB	OD WEAR	14 % TW	0.35	AVB1	
36	18	1/92 BOB	OD WEAR	21 % TW	0.53	AVB1	
36	23	1/92 BOB	OD WEAR	22 % TW	0.60	AVB1	
36	33	1/92 BOB	OD WEAR	22 % TW	0.58	AVB3	
36	39	1/92 BOB	OD WEAR	25 % TW	0.72	AVB2	
36	49	1/92 BOB	OD WEAR	18 % TW	0.48	AVB1	
36	51	1/92 BOB	OD WEAR	21 % TW	0.57	AVB1	
36	53	1/92 BOB	OD WEAR	19 % TW	0.52	AVB1	
36	57	1/92 TS	ID (general)	S/N	0.08	HTS-S	- 1.58
37	35	1/92 BOB	OD WEAR	19 % TW	0.49	AVB3	
37	42	1/92 BOB	OD WEAR	23 % TW	0.53	AVB2	
37	46	1/92 BOB	OD WEAR	24 % TW	0.57	AVB1	
37	51	1/92 BOB	OD WEAR	9 % TW	0.20	AVB2	
37	52	1/92 BOB	ID (general)	S/N	0.97	HTS-P	+18.25
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 2.67
37	53	1/92 BOB	OD WEAR	18 % TW	0.45	AVB1	
37	54	1/92 BOB	OD WEAR	28 % TW	0.89	AVB1	
		1/92 BOB	OD WEAR	22 % TW	0.60	AVB3	
38	40	1/92 BOB	OD (general)	S/N	0.37	11	+37.24
		1/92 S.I.	OD (general)	S/N	0.56	11	+37.24
38	43	1/92 BOB	OD WEAR	14 % TW	0.27	AVB1	
38	49	1/92 BOB	OD WEAR	16 % TW	0.32	AVB1	
		1/92 BOB	OD WEAR	22 % TW	0.50	AVB2	
		1/92 BOB	OD WEAR	20 % TW	0.43	AVB3	
38	50	1/92 BOB	OD WEAR	20 % TW	0.43	AVB1	
38	51	1/92 BOB	OD WEAR	33 % TW	1.05	AVB1	
38	56	1/92 BOB	ID (general)	S/N	4.61	HTS-S	- 5.20
38	63	1/92 BOB	OD WEAR	29 % TW	0.85	AVB1	
		1/92 BOB	OD WEAR	28 % TW	0.79	AVB2	
38	70	1/92 BOB	OD (general)	S/N	0.29	11	+32.99
39	20	1/92 BOB	OD WEAR	26 % TW	0.63	AVB2	
39	22	1/92 BOB	OD WEAR	18 % TW	0.37	AVB1	
		1/92 BOB	OD WEAR	25 % TW	0.61	AVB3	
39	27	1/92 BOB	OD WEAR	16 % TW	0.32	AVB1	
39	35	1/92 BOB	OD WEAR	18 % TW	0.34	AVB2	
39	48	1/92 BOB	OD WEAR	19 % TW	0.47	AVB1	
39	50	1/92 BOB	OD WEAR	34 % TW	1.07	AVB1	
39	83	1/92 BOB	OD WEAR	21 % TW	0.46	AVB3	
39	88	1/92 TS	ID (general)	S/N	0.19	HTS-S	+ 0.15
39	91	1/92 BOB	OD (general)	S/N	0.52	HTS-P	+15.04
39	96	1/92 BOB	OD (general)	S/N	0.55	4	+35.74
		1/92 S.I.	OD (general)	S/N	0.74	4	+35.17
40	79	1/92 BOB	ID (general)	S/N	11.94	HTS-P	+ 1.32
		1/92 BOB	ID (general)	93 % TW	5.58	HTS-P	+17.22
		1/92 TS	ID (general)	S/N	0.32	HTS-S	- 3.81
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.85
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.85
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.89
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.89
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.89
		1/92 TS	ID (general)	S/N	0.16	HTS-S	- 3.93
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.97
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 3.97
40	87	1/92 BOB	OD WEAR	16 % TW	0.38	AVB1	
41	35	1/92 BOB	ID (general)	S/N	0.62	HTS-P	+17.17
41	83	1/92 BOB	OD WEAR	24 % TW	0.55	AVB1	
42	23	1/92 BOB	OD WEAR	24 % TW	0.63	AVB3	
42	35	1/92 BOB	OD WEAR	23 % TW	0.55	AVB1	
42	37	1/92 BOB	OD WEAR	15 % TW	0.35	AVB2	
42	43	1/92 BOB	OD WEAR	26 % TW	0.68	AVB1	
42	45	1/92 BOB	OD WEAR	19 % TW	0.42	AVB1	
42	49	1/92 BOB	ID (general)	S/N	1.20	HTS-P	+14.45
		1/92 BOB	OD (general)	18 % TW	0.52	18	+ 5.22
		1/92 S.I.	OD (general)	S/N	0.68	18	+ 5.25

Plant: McGuire Unit 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "D" - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
42	53	1/92 BOB	OD WEAR	26 % TW	0.72	AVB1	
42	68	1/92 BOB	OD WEAR	29 % TW	0.80	AVB1	
42	73	1/92 BOB	ID (general)	S/N	4.71	HTS-P	+17.13
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.94
		1/92 TS	ID (general)	S/N	0.08	HTS-S	- 3.94
42	90	1/92 BOB	OD WEAR	25 % TW	0.62	AVB2	
43	31	1/92 BOB	OD WEAR	10 % TW	0.20	AVB3	
43	47	1/92 TS	ID (general)	S/N	0.20	HTS-S	- 1.45
43	52	1/92 BOB	OD WEAR	15 % TW	0.32	AVB2	
43	54	1/92 BOB	OD WEAR	17 % TW	0.37	AVB1	
43	55	1/92 BOB	OD WEAR	21 % TW	0.52	AVB1	
43	62	1/92 BOB	OD WEAR	31 % TW	0.93	AVB1	
43	63	1/92 BOB	OD WEAR	26 % TW	0.67	AVB1	
43	65	1/92 BOB	OD WEAR	24 % TW	0.55	AVB1	
43	67	1/92 BOB	OD WEAR	31 % TW	0.93	AVB1	
43	68	1/92 BOB	OD WEAR	27 % TW	0.72	AVB1	
43	70	1/92 BOB	OD WEAR	22 % TW	0.59	AVB1	
43	71	1/92 BOB	OD (general)	25 % TW	0.82	AVB1	
43	79	1/92 BOB	OD WEAR	28 % TW	0.91	AVB1	
		1/92 BOB	OD WEAR	41 % TW	2.16	AVB2	
		1/92 BOB	OD WEAR	41 % TW	2.04	AVB3	
44	46	1/92 BOB	OD WEAR	33 % TW	1.26	AVB1	
44	47	1/92 BOB	OD WEAR	15 % TW	0.32	AVB1	
44	51	1/92 BOB	OD WEAR	23 % TW	0.61	AVB1	
44	54	1/92 BOB	OD WEAR	16 % TW	0.35	AVB1	
44	62	1/92 BOB	OD WEAR	31 % TW	1.10	AVB1	
44	83	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.08
		1/92 TS	ID (general)	S/N	0.12	HTS-S	+ 0.08
44	85	1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.11
		1/92 TS	ID (general)	S/N	0.16	HTS-S	+ 0.07
44	87	1/92 BOB	ID (general)	S/N	2.59	HTS-P	+10.63
45	47	1/92 BOB	OD WEAR	24 % TW	0.64	AVB1	
		1/92 BOB	OD WEAR	15 % TW	0.34	AVB2	
45	54	1/92 BOB	OD WEAR	29 % TW	0.89	AVB1	
		1/92 BOB	OD WEAR	18 % TW	0.45	AVB2	
		1/92 BOB	OD WEAR	16 % TW	0.36	AVB3	
45	67	1/92 BOB	ID (general)	25 % TW	0.81	5	+36.18
46	26	1/92 BOB	OD (general)	9 % TW	0.40	7	+ 1.62
		1/92 S.I.	OD (general)	S/N	0.31	7	+ 1.63
46	63	1/92 BOB	OD WEAR	18 % TW	0.36	AVB1	
46	72	1/92 BOB	OD WEAR	19 % TW	0.36	AVB1	
46	74	1/92 BOB	OD WEAR	24 % TW	0.66	AVB1	
47	39	1/92 BOB	OD (general)	S/N	0.47	18	- 0.08
		1/92 S.I.	OD WEAR	15 % TW	0.25	18	+ 0.07
47	40	1/92 BOB	OD (general)	S/N	0.33	18	+ 0.08
		1/92 S.I.	OD WEAR	12 % TW	0.29	18	- 0.15
47	50	1/92 BOB	OD WEAR	18 % TW	2.00	17	
		1/92 S.I.	OD WEAR	S/N	0.32	17	- 0.19
47	51	1/92 BOB	OD WEAR	17 % TW	1.95	17	
		1/92 S.I.	OD WEAR	S/N	0.27	17	- 0.22
47	56	1/92 TS	ID (general)	S/N	0.59	HTS-S	- 3.45
		1/92 TS	ID (general)	S/N	0.28	HTS-S	- 3.61
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.61
		1/92 TS	ID (general)	S/N	0.20	HTS-S	- 3.61
		1/92 TS	ID (general)	S/N	0.24	HTS-S	- 3.65
		1/92 TS	ID (general)	S/N	0.12	HTS-S	- 3.73
47	62	1/92 BOB	OD WEAR	13 % TW	1.33	17	
		1/92 BOB	OD (general)	S/N	0.28	4	- 0.11
		1/92 S.I.	OD WEAR	19 % TW	0.48	17	
47	79	1/92 BOB	ID (general)	45 % TW	6.51	HTS-P	+14.47
48	40	1/92 BOB	OD WEAR	20 % TW	2.29	18	
		1/92 S.I.	OD WEAR	S/N	0.49	18	+ 0.35
48	48	1/92 BOB	OD (general)	S/N	0.54	18	- 0.05
		1/92 S.I.	OD WEAR	24 % TW	0.44	18	
48	50	1/92 BOB	OD WEAR	16 % TW	1.76	18	
		1/92 S.I.	OD WEAR	21 % TW	0.38	18	
48	56	1/92 BOB	OD WEAR	13 % TW	1.38	17	

Plant: McGuire UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: S/G "D" - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 S.I.	OD WEAR	13 % TW	0.31	17	
49	60	1/92 BOB	OD WEAR	11 % TW	0.80	15	
		1/92 S.I.	OD WEAR	29 % TW	0.58	15	
48	62	1/92 BOB	OD WEAR	18 % TW	2.09	17	
		1/92 BOB	OD (general)	30 % TW	1.13	AVB1	
		1/92 S.I.	OD WEAR	23 % TW	0.28	AVB1	
		1/92 S.I.	OD WEAR	26 % TW	0.50	17	
48	64	1/92 BOB	OD WEAR	16 % TW	1.90	17	
		1/92 BOB	OD WEAR	10 % TW	1.07	18	
		1/92 S.I.	OD WEAR	26 % TW	0.49	17	
		1/92 S.I.	OD WEAR	27 % TW	0.53	18	
48	71	1/92 BOB	OD WEAR	15 % TW	1.12	16	
		1/92 S.I.	OD WEAR	23 % TW	0.41	16	
48	72	1/92 BOB	OD WEAR	14 % TW	0.99	17	
		1/92 S.I.	OD WEAR	22 % TW	0.38	17	
48	86	1/92 BOB	OD (general)	19 % TW	0.68	12	+10.59
		1/92 TS	ID (general)	S/N	0.20	HTS-S	+ 0.26
		1/92 S.I.	OD (general)	S/N	0.94	12	+10.55
49	58	1/92 BOB	OD WEAR	22 % TW	1.69	18	
		1/92 S.I.	OD WEAR	31 % TW	0.65	18	
49	63	1/92 BOB	OD WEAR	12 % TW	1.33	17	
		1/92 S.I.	OD WEAR	18 % TW	0.45	17	

TOTAL TUBES FOUND = 210  
TOTAL INDICATIONS FOUND = 357

Plant: McGuire Unit 2 Steam Generator: A  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: ATTACHMENT #5 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	4	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	22	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	44	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	72	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	16	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	57	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	109	1/92 BOB	SLEEVED	Design 2		7	+11.00
8	6	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
9	27	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
9	31	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
10	4	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
10	15	1/92 BOB	SLEEVED	Design 2		7	+11.00
10	60	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
11	15	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
11	38	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
12	60	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
14	96	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
15	19	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
15	54	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
15	59	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
17	43	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
17	85	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
18	37	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
18	69	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
19	8	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
19	45	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
21	31	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
22	88	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
24	52	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
25	49	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
		1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
25	95	1/92 BOB	SLEEVED	Design 2		7	+11.00
26	93	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
28	19	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
29	100	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
35	42	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
35	59	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
35	71	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
36	65	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
37	47	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
38	31	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
38	69	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
39	26	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
39	72	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
40	50	1/92 BOB	SLEEVED	Design 2		7	+11.00
40	80	1/92 BOB	SLEEVED	Design 2		7	+11.00
41	36	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
41	87	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
44	67	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
49	40	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
49	46	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
49	47	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	

TOTAL TUBES FOUND = 51  
TOTAL INDICATIONS FOUND = 67



Plant: McGUIRE UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: ATTACHMENT #6 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	23	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
2	61	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
2	83	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
2	86	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
2	87	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
2	89	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
2	91	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
2	103	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
3	28	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
3	30	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
3	50	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	50	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	69	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	110	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
5	16	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
5	62	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
5	91	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	21	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	22	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	73	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	93	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
7	14	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
7	19	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
7	29	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
7	81	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
7	85	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
7	89	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
8	60	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
8	92	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
9	90	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
10	104	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
11	81	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
12	60	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
12	113	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
13	65	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	86	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
15	5	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
15	104	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
17	51	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
17	70	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
17	99	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
18	45	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
19	95	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
20	23	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
20	49	1/92 BOB	PLUGGED	MECH		HTS-P	

Plant: McGuire UNIT 2 Steam Generator: B  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: ATTACHMENT #6 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 BOB	PLUGGED	MECH		CTS-P	
20	65	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
20	94	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
20	106	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
20	107	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
22	42	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
22	79	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
23	62	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
24	103	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
26	82	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
27	57	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
27	61	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
29	48	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
32	75	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
32	78	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
32	95	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
33	80	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
33	85	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
35	71	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
38	61	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
39	85	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
41	31	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
41	54	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
41	78	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
41	83	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
44	32	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
44	77	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
45	64	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
45	74	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
46	78	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
47	69	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
48	45	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
48	63	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
48	66	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
49	46	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
49	63	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	

TOTAL TUBES FOUND = 80  
TOTAL INDICATIONS FOUND = 122

Plant: McGuire UNIT 2 Steam Generator: C  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: ATTACHMENT #7 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
3	39	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
3	50	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	57	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
5	29	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	WFLI		CTS-P	
5	44	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
5	55	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	80	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	97	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
7	23	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
7	27	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
7	40	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
7	74	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
7	81	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
10	81	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
12	76	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
14	17	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	63	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	64	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
14	76	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
15	69	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
17	11	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
17	75	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
18	5	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	WELD		CTS-P	
18	10	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	WELD		CTS-P	
18	24	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
19	24	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
19	55	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
19	106	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
21	39	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
21	47	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
23	58	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
25	27	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
28	102	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
34	13	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
35	62	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
37	79	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
39	22	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
42	63	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
49	40	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	

TOTAL TUBES FOUND = 39  
TOTAL INDICATIONS FOUND = 56

Plant: McGuire UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: ATTACHMENT #8 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
2	10	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
3	28	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
3	109	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
3	111	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	81	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
4	113	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
5	65	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
5	69	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	27	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	36	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	66	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	72	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
6	83	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	87	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
6	104	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
9	108	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
10	74	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
12	74	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
12	82	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
13	13	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
13	70	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
13	89	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
13	91	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
13	110	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
13	111	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
14	79	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	83	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	85	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	100	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
14	104	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
15	3	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
15	4	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
15	5	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
15	6	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
15	48	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
15	58	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
15	66	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
15	92	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
15	112	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
16	4	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
16	5	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
16	6	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
16	61	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
17	71	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
17	99	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
20	71	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
21	34	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
22	22	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
24	70	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
24	77	1/92 BOB	PLUGGED	MECH		HTS-P	



Plant: McGuire UNIT 2 Steam Generator: D  
Outages: 1/92 BOB 1/92 SLV 1/92 TS 1/92 S.I.

QUERY: ATTACHMENT #8 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	INDICATION	VALUE	VOLTS	LOCATION	INCHES
		1/92 BOB	PLUGGED	MECH		CTS-P	
24	104	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
25	93	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
26	99	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
27	59	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
28	23	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
30	102	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
32	58	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
32	76	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
33	64	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
33	92	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
34	47	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
34	50	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
34	93	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
36	54	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
36	57	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
37	52	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
39	88	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
41	35	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
41	80	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
43	47	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
43	79	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
44	83	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
44	85	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00
45	67	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
46	87	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
47	56	1/92 BOB	SLEEVED	Design 1		HTS-S	+17.50
47	86	1/92 BOB	PLUGGED	MECH		HTS-P	
		1/92 BOB	PLUGGED	MECH		CTS-P	
48	86	1/92 BOB	SLEEVED	Design 2		HTS-S	+11.00

TOTAL TUBES FOUND = 78  
TOTAL INDICATIONS FOUND = 110