

Duke Power Company
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

(704)875-4000



DUKE POWER

September 14, 1994

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

Subject: McGuire Nuclear Station, Docket No. 50-370
Unit 2 EOC-8 Refueling Outage, August 1993
Steam Generators
NRC Inspection Report - 12 Month

Pursuant to McGuire Technical Specification 4.4.5.5b, this report is submitted for McGuire Unit 2 EOC-8 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</u> <u>Full Length</u>	<u>Number of Tubes</u> <u>Plugged or Repaired</u>
A	4396	55
B	4390	48
C	4407	35
D	4416	49

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

200000
9409220264 940914
PDR ADDCK 05000370
PDR
Printed on recycled paper

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cc: Mr. Victor Nerses, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Mr. George Maxwell
Senior Resident Inspector
McGuire Nuclear Site

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cc: C. C. Dyer
J. E. Snyder
EC050 - ELL

BWNT TUBAN II (Version 2.1)

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McGuire Nuclear Station - Unit Two

S/G A

7/93 RFO

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ATTACHMENT #5 - TUBES PLUGGED OR REPAIRED.

COUNT ROW COL

COUNT ROW COL

1.	2	4
2.	3	18
3.	3	57
4.	3	59
5.	4	71
6.	5	12
7.	7	22
8.	7	73
9.	7	74
10.	8	23
11.	8	30
12.	9	51
13.	10	36
14.	13	61
15.	14	22
16.	14	29
17.	15	46
18.	15	55
19.	16	21
20.	16	38
21.	19	101
22.	21	29
23.	21	33
24.	22	11
25.	23	48
26.	23	85
27.	24	27
28.	25	47
29.	25	48
30.	25	54
31.	27	47
32.	28	11
33.	28	39
34.	29	16
35.	33	12
36.	35	93
37.	36	16
38.	36	66
39.	37	24
40.	39	30
41.	39	35
42.	39	39
43.	40	34
44.	40	43
45.	41	52
46.	41	85

47.	42	72
48.	43	86
49.	44	50
50.	45	53
51.	45	64
52.	45	88
53.	46	75
54.	48	70
55.	49	73

BWNT TUBAN II (Version 2.1)

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McGuire Nuclear Station - Unit Two

S/G B

7/93 RFO

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ATTACHMENT #6 - TUBES PLUGGED OR REPAIRED
COUNT ROW COL

COUNT ROW COL

1.	3	8
2.	3	65
3.	4	78
4.	4	98
5.	5	2
6.	5	35
7.	6	66
8.	6	83
9.	7	92
10.	8	100
11.	9	105
12.	10	15
13.	10	37
14.	11	94
15.	13	58
16.	15	38
17.	15	95
18.	16	56
19.	16	92
20.	17	19
21.	17	35
22.	17	101
23.	17	108
24.	18	56
25.	18	82
26.	19	93
27.	20	59
28.	22	68
29.	26	90
30.	27	77
31.	27	80
32.	28	53
33.	31	44
34.	31	83
35.	32	49
36.	32	57
37.	32	64
38.	33	68
39.	35	62
40.	36	77
41.	39	60
42.	40	43
43.	40	59
44.	41	30
45.	41	56
46.	42	54

47.	43	77
48.	49	42

BWNT TUBAN II (Version 2.1)

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McGuire Nuclear Station - Unit Two

S/G C

7/93 RFO

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ATTACHMENT #7 - TUBES PLUGGED OR REPAIRED

COUNT ROW COL

COUNT ROW COL

1.	3	34
2.	3	43
3.	5	37
4.	6	41
5.	8	19
6.	9	17
7.	10	59
8.	10	72
9.	11	31
10.	11	35
11.	11	89
12.	11	91
13.	12	45
14.	12	113
15.	13	72
16.	13	74
17.	14	62
18.	15	67
19.	15	71
20.	15	75
21.	15	77
22.	17	43
23.	18	78
24.	19	108
25.	22	46
26.	23	54
27.	24	47
28.	26	58
29.	28	60
30.	30	18
31.	30	21
32.	31	14
33.	34	100
34.	35	71
35.	36	17

Total Data Items Found = 35

Total Tubes Found = 35

BWNT TUBAN II (Version 2.1)

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McGuire Nuclear Station - Unit Two

S/G D

7/93 RFO

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ATTACHMENT #8 - TUBES PLUGGED OR REPAIRED

COUNT ROW COL

COUNT ROW COL

1.	1	18
2.	3	104
3.	4	70
4.	4	78
5.	4	80
6.	4	85
7.	4	88
8.	4	109
9.	5	38
10.	5	72
11.	5	114
12.	6	46
13.	6	82
14.	6	110
15.	7	85
16.	8	94
17.	9	76
18.	10	101
19.	10	104
20.	11	61
21.	11	62
22.	11	63
23.	11	92
24.	13	4
25.	13	93
26.	15	110
27.	16	57
28.	16	110
29.	17	66
30.	17	109
31.	18	49
32.	19	47
33.	19	91
34.	20	87
35.	27	95
36.	28	92
37.	30	78
38.	30	98
39.	33	97
40.	33	103
41.	36	79
42.	39	66
43.	41	59
44.	41	73
45.	44	27
46.	44	82

47.	44	87
48.	46	75
49.	47	53

BWNT TUBAN II (Version 2.1) 09/12/1994 16:24:16

McGuire Nuclear Station - Unit Two

S/G A

7/93 RFO

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
2	2	7/93 RFO	Bobbin	IDI	40	12.85	TE-HL	+9.94
2	14	7/93 RFO	Bobbin	NQI		1.04	10TH TSP	+41.05
2	59	7/93 RFO	Bobbin	NQI		1.20	9TH TSP	-1.22
2	66	7/93 RFO	Bobbin	IDI	40	13.89	TE-HL	+5.05
2	78	7/93 RFO	Bobbin	ADI		5.60	19TH TSP	+17.77
		7/93 RFO	C/L Special Int	VOL		0.68	19TH TSP	+17.80
2	109	7/93 RFO	C/L Special Int	VOL		0.58	16TH TSP	+8.68
3	13	7/93 RFO	Bobbin	IDI	40	6.92	TE-HL	+3.85
3	16	7/93 RFO	Bobbin	IDI	40	22.59	TE-HL	+15.33
		7/93 RFO	Bobbin	NQI		0.74	21ST TSP	+12.43
		7/93 RFO	H/L Tubesheet	MAI		7.60	TTS-HL	-5.66
		7/93 RFO	C/L Special Int	VOL		0.65	21ST TSP	+12.81
		7/93 RFO	C/L Special Int	VOL		0.68	12TH TSP	+24.16
3	18	7/93 RFO	H/L Tubesheet	MAI		2.86	TTS-HL	-3.60
3	22	7/93 RFO	H/L Tubesheet	SAI		4.34	TTS-HL	-4.59
3	35	7/93 RFO	C/L Special Int	VOL		0.58	12TH TSP	-4.91
3	57	7/93 RFO	Bobbin	IDI	40	10.07	TE-HL	+8.48
		7/93 RFO	H/L Tubesheet	SAI		0.28	TTS-HL	-0.98
3	58	7/93 RFO	C/L Special Int	VOL		1.11	19TH TSP	+34.27
3	59	7/93 RFO	H/L Tubesheet	MAI		0.90	TTS-HL	-1.86
3	62	7/93 RFO	Bobbin	NQI		0.67	22ND TSP	+6.10
3	65	7/93 RFO	C/L Special Int	VOL		0.96	22ND TSP	+3.44
3	103	7/93 RFO	Bobbin	ADI		5.44	1ST TSP	+15.06
		7/93 RFO	H/L Special Int	VOL		0.59	2ND TSP	-5.54
4	5	7/93 RFO	C/L Special Int	VOL		0.33	19TH TSP	+8.60
		7/93 RFO	C/L Special Int	VOL		0.45	19TH TSP	+0.90
		7/93 RFO	C/L Special Int	VOL		0.66	19TH TSP	+22.58
4	16	7/93 RFO	Bobbin	IDI	40	14.70	TE-HL	+17.95
		7/93 RFO	Bobbin	IDI	40	18.32	TE-HL	+14.14
		7/93 RFO	H/L Tubesheet	MAI		9.55	TTS-HL	-3.59
4	51	7/93 RFO	Bobbin	IDI	40	9.10	TE-HL	+7.16
4	57	7/93 RFO	Bobbin	IDI	40	8.08	TE-HL	+16.28
4	58	7/93 RFO	Bobbin	IDI	40	10.26	TE-HL	+7.20
4	62	7/93 RFO	Bobbin	IDI	40	7.76	TE-HL	+17.19
		7/93 RFO	H/L Tubesheet	SAI		2.39	TTS-HL	-4.10
4	70	7/93 RFO	C/L Special Int	VOL		0.92	13TH TSP	+13.00
4	71	7/93 RFO	H/L Tubesheet	SAI		2.01	TTS-HL	+0.16
4	83	7/93 RFO	Bobbin	IDI	40	34.93	TE-HL	+2.30
4	90	7/93 RFO	Bobbin	ADI		3.72	1ST TSP	+5.39
		7/93 RFO	Bobbin	ADI		7.17	1ST TSP	+14.20
		7/93 RFO	H/L Special Int	VOL		0.64	1ST TSP	+4.99
		7/93 RFO	H/L Special Int	VOL		0.81	1ST TSP	+12.47
		7/93 RFO	H/L Special Int	VOL		1.31	1ST TSP	+14.35
4	96	7/93 RFO	Bobbin	ODI	6	1.68	3RD TSP	+38.57
		7/93 RFO	H/L Special Int	VOL		1.92	4TH TSP	-5.81
4	108	7/93 RFO	Bobbin	ADI		4.22	4TH TSP	+10.53
		7/93 RFO	H/L Special Int	VOL		0.47	4TH TSP	+10.54
		7/93 RFO	C/L Special Int	VOL		0.21	21ST TSP	+3.30
		7/93 RFO	C/L Special Int	VOL		0.26	19TH TSP	+9.38
4	114	7/93 RFO	C/L Special Int	VOL		0.74	10TH TSP	+19.34
5	1	7/93 RFO	Bobbin	ODI	6	0.77	18TH TSP	+8.97
		7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+9.12
5	12	7/93 RFO	H/L Tubesheet	SAI		0.85	TTS-HL	-1.14
5	18	7/93 RFO	Bobbin	ADI		6.52	4TH TSP	+22.42
		7/93 RFO	H/L Special Int	VOL		1.20	4TH TSP	+22.30
		7/93 RFO	C/L Special Int	VOL		0.38	11TH TSP	+20.70
		7/93 RFO	C/L Special Int	VOL		0.72	11TH TSP	+9.99
		7/93 RFO	C/L Special Int	VOL		1.01	17TH TSP	+7.00
		7/93 RFO	C/L Special Int	VOL		1.47	11TH TSP	+0.67
5	19	7/93 RFO	Bobbin	IDI	40	5.28	TE-HL	+12.06
5	22	7/93 RFO	Bobbin	ADI		5.29	7TH TSP	+3.03
5	23	7/93 RFO	Bobbin	ADI		3.99	7TH TSP	+28.52
		7/93 RFO	Bobbin	ADI		5.42	10TH TSP	+11.83
		7/93 RFO	C/L Special Int	VOL		0.99	10TH TSP	+11.50
5	24	7/93 RFO	Bobbin	NQI		0.69	12TH TSP	+20.50

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int VOL			0.49	12TH TSP	+19.86
5	46	7/93 RFO	Bobbin ADI			4.96	7TH TSP	+34.86
		7/93 RFO	Bobbin ADI			1.31	18TH TSP	+13.93
		7/93 RFO	C/L Special Int VOL			0.37	TTS-CL	+3.05
		7/93 RFO	H/L Special Int VOL			0.91	8TH TSP	-10.88
		7/93 RFO	C/L Special Int VOL			0.44	18TH TSP	+12.19
5	53	7/93 RFO	C/L Special Int VOL			0.20	19TH TSP	+0.67
		7/93 RFO	C/L Special Int VOL			0.61	21ST TSP	+5.10
5	59	7/93 RFO	C/L Special Int VOL			0.37	16TH TSP	+6.45
5	60	7/93 RFO	Bobbin IDI	40		8.57	TE-HL	+7.26
5	72	7/93 RFO	C/L Special Int VOL			0.48	12TH TSP	+7.83
5	104	7/93 RFO	Bobbin ADI			5.62	7TH TSP	+5.39
		7/93 RFO	H/L Special Int VOL			1.02	7TH TSP	+8.74
		7/93 RFO	H/L Special Int VOL			2.38	7TH TSP	+5.47
5	107	7/93 RFO	Bobbin ADI			10.00	4TH TSP	+21.30
		7/93 RFO	H/L Special Int VOL			1.35	4TH TSP	+21.66
6	4	7/93 RFO	Bobbin ADI			4.64	17TH TSP	+7.85
		7/93 RFO	C/L Special Int VOL			0.72	17TH TSP	+7.84
6	10	7/93 RFO	Bobbin ADI			4.86	12TH TSP	+22.00
		7/93 RFO	C/L Special Int VOL			1.04	12TH TSP	+22.00
6	12	7/93 RFO	Bobbin IDI	40		4.84	TE-HL	+15.81
		7/93 RFO	H/L Tubesheet SAI			1.99	TTS-HL	-5.00
6	18	7/93 RFO	Bobbin IDI	40		6.47	TE-HL	+7.80
6	19	7/93 RFO	Bobbin IDI	40		3.07	TE-HL	+15.96
		7/93 RFO	H/L Tubesheet SAI			2.12	TTS-HL	-4.97
6	20	7/93 RFO	C/L Special Int VOL			0.76	22ND TSP	+11.00
6	22	7/93 RFO	Bobbin ADI			5.58	3RD TSP	+33.29
		7/93 RFO	H/L Special Int VOL			0.63	4TH TSP	-11.96
		7/93 RFO	C/L Special Int VOL			0.26	21ST TSP	-2.66
		7/93 RFO	C/L Special Int VOL			0.96	20TH TSP	+6.41
		7/93 RFO	C/L Special Int VOL			0.98	21ST TSP	+5.72
6	23	7/93 RFO	C/L Special Int VOL			0.65	16TH TSP	+6.15
6	27	7/93 RFO	Bobbin ADI			3.94	5TH TSP	+38.93
6	28	7/93 RFO	Bobbin IDI	40		11.12	TE-HL	+10.94
6	37	7/93 RFO	Bobbin ADI			4.40	7TH TSP	+41.07
		7/93 RFO	H/L Special Int VOL			0.80	8TH TSP	-3.55
		7/93 RFO	C/L Special Int VOL			0.39	16TH TSP	+3.28
6	40	7/93 RFO	C/L Special Int VOL			0.52	16TH TSP	-4.94
6	41	7/93 RFO	Bobbin ODI	19		1.01	5TH TSP	+40.10
		7/93 RFO	H/L Special Int VOL			1.28	6TH TSP	-4.28
6	42	7/93 RFO	C/L Special Int VOL			0.30	15TH TSP	+2.18
		7/93 RFO	C/L Special Int VOL			0.46	16TH TSP	+8.18
6	44	7/93 RFO	C/L Special Int VOL			0.50	18TH TSP	+12.33
		7/93 RFO	C/L Special Int VOL			0.50	19TH TSP	+4.49
6	47	7/93 RFO	Bobbin ADI			3.90	7TH TSP	+35.03
		7/93 RFO	Bobbin ODI	25		0.86	7TH TSP	+3.65
		7/93 RFO	H/L Special Int VOL			0.46	7TH TSP	+33.75
		7/93 RFO	H/L Special Int VOL			0.88	7TH TSP	+3.80
6	51	7/93 RFO	C/L Special Int VOL			0.33	20TH TSP	+4.47
		7/93 RFO	C/L Special Int VOL			0.46	14TH TSP	+4.27
		7/93 RFO	C/L Special Int VOL			0.48	12TH TSP	+31.36
		7/93 RFO	C/L Special Int VOL			0.51	19TH TSP	+1.57
		7/93 RFO	C/L Special Int VOL			0.55	11TH TSP	+2.59
6	53	7/93 RFO	C/L Special Int VOL			0.36	22ND TSP	+4.26
6	62	7/93 RFO	Bobbin NQI			0.68	2ND TSP	-0.18
6	63	7/93 RFO	C/L Special Int VOL			0.52	11TH TSP	-16.83
6	73	7/93 RFO	Bobbin NQI			0.86	13TH TSP	+3.87
6	79	7/93 RFO	Bobbin NQI			1.09	2ND TSP	+0.18
6	81	7/93 RFO	Bobbin ODI	10		1.39	20TH TSP	+4.91
		7/93 RFO	C/L Special Int VOL			0.55	17TH TSP	-6.37
		7/93 RFO	C/L Special Int VOL			0.75	17TH TSP	-10.17
		7/93 RFO	C/L Special Int VOL			0.80	17TH TSP	-7.70
		7/93 RFO	C/L Special Int VOL			0.87	20TH TSP	+4.67
		7/93 RFO	C/L Special Int VOL			1.08	18TH TSP	+11.72
		7/93 RFO	C/L Special Int VOL			1.16	18TH TSP	+16.38

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		1.25	18TH TSP	+13.58
6	97	7/93 RFO	Bobbin	ADI		7.12	6TH TSP	+27.73
		7/93 RFO	H/L Special Int	VOL		0.84	6TH TSP	+27.99
7	12	7/93 RFO	Bobbin	IDI	40	34.59	TE-HL	+2.83
7	15	7/93 RFO	C/L Special Int	VOL		0.95	18TH TSP	+16.11
7	22	7/93 RFO	H/L Tubesheet	SAI		0.61	TTS-HL	-0.02
7	56	7/93 RFO	Bobbin	ODI	32	0.58	5TH TSP	+15.36
7	73	7/93 RFO	H/L Tubesheet	SAI		1.53	TTS-HL	-5.30
7	74	7/93 RFO	Bobbin	IDI	40	26.09	TE-HL	+16.35
		7/93 RFO	H/L Tubesheet	MAI		5.54	TTS-HL	-5.42
		7/93 RFO	H/L Special Int	MAI		7.28	TTS-HL	-4.88
7	77	7/93 RFO	Bobbin	ADI		3.27	7TH TSP	+41.29
7	98	7/93 RFO	Bobbin	ADI		2.85	TTS-HL	+2.84
		7/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	+2.98
		7/93 RFO	H/L Special Int	VOL		0.40	TTS-HL	+2.65
7	99	7/93 RFO	Bobbin	ADI		5.10	6TH TSP	+27.82
		7/93 RFO	H/L Special Int	VOL		0.88	6TH TSP	+28.51
		7/93 RFO	C/L Special Int	VOL		0.46	13TH TSP	+10.40
		7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	+7.84
7	100	7/93 RFO	Bobbin	ADI		4.03	7TH TSP	+31.95
		7/93 RFO	H/L Special Int	VOL		0.41	8TH TSP	-15.66
		7/93 RFO	H/L Special Int	VOL		0.61	8TH TSP	-12.87
7	102	7/93 RFO	C/L Special Int	VOL		0.24	10TH TSP	+15.38
		7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	+28.40
7	108	7/93 RFO	C/L Special Int	VOL		0.66	10TH TSP	+7.43
8	12	7/93 RFO	C/L Special Int	VOL		0.36	21ST TSP	-3.11
8	20	7/93 RFO	Bobbin	ADI		4.51	18TH TSP	+3.16
		7/93 RFO	C/L Special Int	VOL		0.25	18TH TSP	+3.24
8	23	7/93 RFO	Bobbin	IDI	40	16.78	TE-HL	+18.10
		7/93 RFO	H/L Tubesheet	MAI		4.09	TTS-HL	2.96
8	24	7/93 RFO	C/L Special Int	VOL		0.85	11TH TSP	+17.86
8	30	7/93 RFO	H/L Tubesheet	SAI		0.65	TTS-HL	-0.97
8	59	7/93 RFO	Bobbin	IDI	40	29.85	TE-HL	+5.72
8	75	7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	-8.13
8	100	7/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+28.88
8	106	7/93 RFO	C/L Special Int	VOL		0.36	12TH TSP	+31.21
9	2	7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+9.46
9	8	7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	+24.30
9	15	7/93 RFO	C/L Special Int	VOL		0.34	11TH TSP	+5.26
9	23	7/93 RFO	Bobbin	ADI		4.31	7TH TSP	+41.04
9	29	7/93 RFO	C/L Special Int	VOL		0.25	11TH TSP	-12.47
		7/93 RFO	C/L Special Int	VOL		0.39	11TH TSP	-9.75
9	30	7/93 RFO	C/L Special Int	VOL		0.69	12TH TSP	+11.35
9	35	7/93 RFO	C/L Special Int	VOL		0.47	15TH TSP	+2.49
9	37	7/93 RFO	Bobbin	ODI	2	0.66	5TH TSP	+35.49
9	38	7/93 RFO	C/L Special Int	VOL		1.13	17TH TSP	-2.10
9	41	7/93 RFO	C/L Special Int	VOL		1.01	22ND TSP	+11.70
9	43	7/93 RFO	Bobbin	ADI		1.61	5TH TSP	+32.40
		7/93 RFO	Bobbin	ADI		4.71	6TH TSP	+5.62
		7/93 RFO	Bobbin	NQI		1.10	6TH TSP	+17.89
		7/93 RFO	Bobbin	NQI		1.53	5TH TSP	+5.48
		7/93 RFO	H/L Special Int	VOL		0.49	6TH TSP	+5.60
		7/93 RFO	H/L Special Int	VOL		0.82	6TH TSP	+18.73
		7/93 RFO	H/L Special Int	VOL		1.03	5TH TSP	+32.33
		7/93 RFO	H/L Special Int	VOL		1.44	5TH TSP	+5.26
		7/93 RFO	C/L Special Int	VOL		0.99	12TH TSP	+2.65
9	47	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+32.95
		7/93 RFO	C/L Special Int	VOL		0.63	12TH TSP	+23.31
		7/93 RFO	C/L Special Int	VOL		0.72	10TH TSP	-13.09
		7/93 RFO	C/L Special Int	VOL		0.74	18TH TSP	+9.47
		7/93 RFO	C/L Special Int	VOL		1.38	12TH TSP	+25.39
		7/93 RFO	C/L Special Int	VOL		1.41	12TH TSP	+30.53
9	51	7/93 RFO	H/L Tubesheet	SAI		1.70	TTS-HL	+0.11
		7/93 RFO	C/L Special Int	VOL		0.84	17TH TSP	+5.75
		7/93 RFO	C/L Special Int	VOL		1.39	19TH TSP	+5.46

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
9	52	7/93 RFO	C/L Special Int	VOL		1.06	TTS-CL	TTS-CL
9	57	7/93 RFO	Bobbin	ODI	31	1.71	18TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.17	18TH TSP	18TH TSP
9	69	7/93 RFO	Bobbin	ADI		7.89	5TH TSP	9TH TSP
		7/93 RFO	Bobbin	ADI		8.43	6TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.60	5TH TSP	6TH TSP
		7/93 RFO	H/L Special Int	VOL		0.71	6TH TSP	7TH TSP
9	70	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	12TH TSP
9	74	7/93 RFO	Bobbin	ADI		8.71	16TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.81	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.75	16TH TSP	16TH TSP
9	75	7/93 RFO	Bobbin	ODI	4	1.17	18TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.20	18TH TSP	18TH TSP
		7/93 RFO	C/L Special Int	VOL		2.05	10TH TSP	10TH TSP
9	83	7/93 RFO	C/L Special Int	VOL		0.67	12TH TSP	12TH TSP
9	84	7/93 RFO	C/L Special Int	VOL		0.75	22ND TSP	22ND TSP
9	86	7/93 RFO	Bobbin	ADI		3.29	7TH TSP	9TH TSP
		7/93 RFO	Bobbin	ADI		3.78	8TH TSP	8TH TSP
		7/93 RFO	H/L Special Int	VOL		0.32	7TH TSP	8TH TSP
9	95	7/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.31	18TH TSP	17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.61	22ND TSP	22ND TSP
9	105	7/93 RFO	Bobbin	IDI	40	16.32	TE-HL	9TH TSP
10	36	7/93 RFO	H/L Tubesheet	SAI		0.53	TTS-HL	TTS-HL
10	56	7/93 RFO	Bobbin	ADI		5.81	11TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.23	11TH TSP	11TH TSP
10	70	7/93 RFO	Bobbin	ADI		6.31	6TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.27	6TH TSP	7TH TSP
10	75	7/93 RFO	H/L Special Int	VOL		2.07	5TH TSP	5TH TSP
10	83	7/93 RFO	C/L Special Int	VOL		0.45	16TH TSP	16TH TSP
10	95	7/93 RFO	Bobbin	ADI		3.48	4TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.46	4TH TSP	5TH TSP
10	96	7/93 RFO	Bobbin	ADI		5.08	6TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.48	7TH TSP	7TH TSP
10	99	7/93 RFO	Bobbin	NQI		0.14	3RD TSP	9TH TSP
10	104	7/93 RFO	Bobbin	ODI	7	1.24	11TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.17	11TH TSP	11TH TSP
10	105	7/93 RFO	C/L Special Int	VOL		0.51	12TH TSP	12TH TSP
10	110	7/93 RFO	Bobbin	NQI		0.49	13TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	13TH TSP
10	112	7/93 RFO	Bobbin	ADI		9.61	4TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.01	4TH TSP	5TH TSP
11	59	7/93 RFO	Bobbin	IDI	40	3.55	TE-HL	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		3.04	TTS-HL	TTS-HL
11	60	7/93 RFO	H/L Tubesheet	SAI		0.41	TTS-HL	TTS-HL
11	65	7/93 RFO	C/L Special Int	VOL		0.54	10TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.57	10TH TSP	9TH TSP
11	67	7/93 RFO	C/L Special Int	VOL		0.45	18TH TSP	18TH TSP
11	72	7/93 RFO	Bobbin	IDI	40	5.49	TE-HL	9TH TSP
11	84	7/93 RFO	Bobbin	ADI		7.25	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.93	9TH TSP	9TH TSP
11	97	7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.41	11TH TSP	11TH TSP
11	99	7/93 RFO	Bobbin	ADI		7.07	6TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.30	6TH TSP	7TH TSP
11	109	7/93 RFO	Bobbin	ADI		2.26	6TH TSP	9TH TSP
12	62	7/93 RFO	Bobbin	IDI	40	11.01	TE-HL	9TH TSP
12	75	7/93 RFO	Bobbin	ODI	15	0.55	12TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.65	11TH TSP	11TH TSP
13	10	7/93 RFO	C/L Special Int	VOL		0.83	11TH TSP	11TH TSP
13	13	7/93 RFO	Bobbin	IDI	40	7.43	TE-HL	9TH TSP
13	61	7/93 RFO	H/L Tubesheet	SAI		0.46	TTS-HL	TTS-HL
14	22	7/93 RFO	H/L Tubesheet	SAI		0.61	TTS-HL	TTS-HL
14	29	7/93 RFO	H/L Tubesheet	MAI		0.47	TTS-HL	TTS-HL

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
14	59	7/93 RFO	Bobbin	IDI	40	9.01	TE-HL	+12.46
14	67	7/93 RFO	Bobbin	ODI	3	3.13	13TH TSP	+5.81
		7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+6.10
14	72	7/93 RFO	C/L Special Int	VOL		0.37	9TH TSP	-7.84
14	73	7/93 RFO	Bobbin	IDI	40	40.82	TE-HL	+17.01
		7/93 RFO	H/L Tubesheet	MAI		5.61	TTS-HL	-2.90
14	87	7/93 RFO	Bobbin	NQI		2.24	7TH TSP	+15.08
		7/93 RFO	H/L Special Int	VOL		1.82	7TH TSP	+15.59
14	88	7/93 RFO	C/L Special Int	VOL		0.29	10TH TSP	+3.89
		7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	+5.82
		7/93 RFO	C/L Special Int	VOL		0.92	10TH TSP	-0.56
14	94	7/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+5.38
		7/93 RFO	C/L Special Int	VOL		0.36	13TH TSP	+7.85
		7/93 RFO	C/L Special Int	VOL		0.42	13TH TSP	+2.01
		7/93 RFO	C/L Special Int	VOL		0.53	13TH TSP	+13.76
		7/93 RFO	C/L Special Int	VOL		0.55	13TH TSP	+12.27
		7/93 RFO	C/L Special Int	VOL		0.72	14TH TSP	+5.91
		7/93 RFO	C/L Special Int	VOL		0.86	14TH TSP	+7.50
14	101	7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+16.26
		7/93 RFO	C/L Special Int	VOL		1.11	10TH TSP	+9.24
14	111	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+29.46
		7/93 RFO	C/L Special Int	VOL		0.62	12TH TSP	+16.93
14	112	7/93 RFO	Bobbin	NQI		1.10	11TH TSP	+13.48
		7/93 RFO	C/L Special Int	VOL		0.54	11TH TSP	+18.26
		7/93 RFO	C/L Special Int	VOL		0.74	11TH TSP	+9.14
		7/93 RFO	C/L Special Int	VOL		1.97	11TH TSP	+13.94
15	34	7/93 RFO	Bobbin	ADI		3.18	21ST TSP	+2.32
		7/93 RFO	C/L Special Int	VOL		0.85	21ST TSP	+2.54
15	35	7/93 RFO	C/L Special Int	VOL		1.41	14TH TSP	+6.10
15	45	7/93 RFO	Bobbin	IDI	40	16.84	TE-HL	+17.06
		7/93 RFO	H/L Tubesheet	MAI		2.52	TTS-HL	-3.41
15	46	7/93 RFO	H/L Tubesheet	VOL		0.23	TTS-HL	-1.78
		7/93 RFO	H/L Tubesheet	VOL		0.31	TTS-HL	-3.05
		7/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	+1.09
15	55	7/93 RFO	H/L Tubesheet	SAI		0.46	TTS-HL	-4.33
15	67	7/93 RFO	Bobbin	IDI	40	29.63	TE-HL	+10.56
15	72	7/93 RFO	Bobbin	NQI		1.35	11TH TSP	+37.67
		7/93 RFO	C/L Special Int	VOL		0.76	10TH TSP	-6.56
16	9	7/93 RFO	Bobbin	IDI	40	13.01	TE-HL	+13.01
16	21	7/93 RFO	H/L Tubesheet	SAI		0.25	TTS-HL	+0.01
16	29	7/93 RFO	Bobbin	IDI	40	15.74	TE-HL	+12.81
16	38	7/93 RFO	H/L Tubesheet	VOL		0.82	TTS-HL	-3.24
16	52	7/93 RFO	Bobbin	ADI		2.93	10TH TSP	+21.92
16	59	7/93 RFO	C/L Special Int	VOL		0.25	11TH TSP	+13.37
16	98	7/93 RFO	C/L Special Int	VOL		0.21	18TH TSP	+10.89
		7/93 RFO	C/L Special Int	VOL		0.40	22ND TSP	+13.59
16	100	7/93 RFO	C/L Special Int	VOL		0.81	22ND TSP	+1.33
17	18	7/93 RFO	C/L Special Int	VOL		0.19	22ND TSP	+11.07
		7/93 RFO	C/L Special Int	VOL		0.86	12TH TSP	-1.29
17	24	7/93 RFO	Bobbin	IDI	40	22.06	TE-HL	+10.37
		7/93 RFO	Bobbin	IDI	40	23.50	TE-HL	+16.59
17	25	7/93 RFO	Bobbin	IDI	40	18.94	TE-HL	+14.28
17	30	7/93 RFO	C/L Special Int	VOL		0.42	11TH TSP	+9.89
17	31	7/93 RFO	Bobbin	IDI	40	13.71	TE-HL	+16.26
		7/93 RFO	Bobbin	IDI	40	18.89	TE-HL	+9.52
		7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+9.86
17	32	7/93 RFO	C/L Special Int	VOL		0.62	16TH TSP	+5.65
17	48	7/93 RFO	Bobbin	IDI	40	8.65	TE-HL	+16.90
		7/93 RFO	H/L Tubesheet	MAI		2.00	TTS-HL	-3.34
17	51	7/93 RFO	Bobbin	NQI		0.79	14TH TSP	+9.20
		7/93 RFO	C/L Special Int	VOL		0.83	14TH TSP	+5.90
		7/93 RFO	C/L Special Int	VOL		0.97	14TH TSP	+9.91
17	79	7/93 RFO	C/L Special Int	VOL		0.87	10TH TSP	+13.71
		7/93 RFO	C/L Special Int	VOL		1.00	10TH TSP	+25.64
17	110	7/93 RFO	Bobbin	ADI		2.54	1ST TSP	+6.98

BWNT TUBAN II (Version 2.1) 09/12/1994 16:24:16

McGuire Nuclear Station - Unit Two

S/G A

7/93 RFO

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
17	111	7/93 RFO	C/L Special Int VOL			0.82	12TH TSP	+5.02
18	4	7/93 RFO	C/L Special Int VOL			0.31	14TH TSP	+3.53
18	5	7/93 RFO	C/L Special Int VOL			0.47	12TH TSP	+12.22
18	15	7/93 RFO	Bobbin	IDI	40	14.78	TE-HL	+5.27
18	28	7/93 RFO	C/L Special Int VOL			0.22	12TH TSP	+26.63
		7/93 RFO	C/L Special Int VOL			0.23	12TH TSP	+26.07
		7/93 RFO	C/L Special Int VOL			0.30	12TH TSP	+32.30
		7/93 RFO	C/L Special Int VOL			0.32	12TH TSP	+14.08
		7/93 RFO	C/L Special Int VOL			0.45	20TH TSP	+2.10
		7/93 RFO	C/L Special Int VOL			0.49	12TH TSP	+1.39
18	30	7/93 RFO	C/L Special Int VOL			0.45	12TH TSP	+23.12
18	38	7/93 RFO	C/L Special Int VOL			0.25	18TH TSP	+4.85
		7/93 RFO	C/L Special Int VOL			0.49	18TH TSP	+2.23
18	39	7/93 RFO	C/L Special Int VOL			0.64	10TH TSP	-8.46
18	41	7/93 RFO	C/L Special Int VOL			0.20	18TH TSP	+6.59
		7/93 RFO	C/L Special Int VOL			0.26	18TH TSP	+4.77
		7/93 RFO	C/L Special Int VOL			0.28	16TH TSP	+4.65
		7/93 RFO	C/L Special Int VOL			0.30	18TH TSP	+2.72
		7/93 RFO	C/L Special Int VOL			0.30	18TH TSP	+3.18
		7/93 RFO	C/L Special Int VOL			0.37	16TH TSP	+6.01
		7/93 RFO	C/L Special Int VOL			0.50	22ND TSP	+5.95
		7/93 RFO	C/L Special Int VOL			0.52	19TH TSP	+5.67
		7/93 RFO	C/L Special Int VOL			0.55	22ND TSP	+5.15
		7/93 RFO	C/L Special Int VOL			0.64	18TH TSP	+14.72
18	44	7/93 RFO	Bobbin	ADI		5.30	20TH TSP	+3.53
		7/93 RFO	C/L Special Int VOL			0.21	20TH TSP	+3.50
18	47	7/93 RFO	C/L Special Int VOL			0.57	21ST TSP	+6.18
18	80	7/93 RFO	C/L Special Int VOL			2.00	9TH TSP	-32.82
		7/93 RFO	C/L Special Int VOL			2.50	9TH TSP	-30.06
18	89	7/93 RFO	Bobbin	IDI	40	6.31	TE-HL	+14.33
18	93	7/93 RFO	Bobbin	NQI		0.56	TTS-CL	+1.69
18	104	7/93 RFO	Bobbin	IDI	40	6.24	TE-HL	+12.76
		7/93 RFO	H/L Tubesheet	SAI		3.31	TTS-HL	-2.48
19	6	7/93 RFO	C/L Special Int VOL			1.01	12TH TSP	+42.20
19	21	7/93 RFO	Bobbin	IDI	40	14.77	TE-HL	+8.52
19	22	7/93 RFO	Bobbin	IDI	40	15.13	TE-HL	+4.50
19	24	7/93 RFO	C/L Special Int VOL			0.21	17TH TSP	-5.03
		7/93 RFO	C/L Special Int VOL			0.35	18TH TSP	+14.47
19	29	7/93 RFO	Bobbin	IDI	40	17.70	TE-HL	+14.13
19	37	7/93 RFO	C/L Special Int VOL			0.50	20TH TSP	+5.44
19	44	7/93 RFO	Bobbin	ADI		3.12	11TH TSP	+7.21
		7/93 RFO	C/L Special Int VOL			0.26	11TH TSP	-14.59
		7/93 RFO	C/L Special Int VOL			0.46	11TH TSP	+7.69
19	48	7/93 RFO	C/L Special Int VOL			0.49	10TH TSP	-3.62
19	56	7/93 RFO	C/L Special Int VOL			0.76	11TH TSP	+17.17
19	57	7/93 RFO	C/L Special Int VOL			0.39	19TH TSP	+4.00
		7/93 RFO	C/L Special Int VOL			0.45	18TH TSP	+9.01
		7/93 RFO	C/L Special Int VOL			0.48	18TH TSP	+17.16
		7/93 RFO	C/L Special Int VOL			0.51	18TH TSP	+1.21
		7/93 RFO	C/L Special Int VOL			0.56	18TH TSP	+14.43
		7/93 RFO	C/L Special Int VOL			0.72	19TH TSP	+1.66
		7/93 RFO	C/L Special Int VOL			0.98	22ND TSP	+9.76
19	59	7/93 RFO	Bobbin	IDI	40	6.14	TE-HL	+16.08
		7/93 RFO	Bobbin	IDI	40	12.56	TE-HL	+16.10
19	82	7/93 RFO	C/L Special Int VOL			0.50	11TH TSP	-4.53
19	89	7/93 RFO	Bobbin	IDI	40	1.43	TE-HL	+6.34
19	93	7/93 RFO	C/L Special Int VOL			0.51	22ND TSP	+15.02
19	101	7/93 RFO	H/L Tubesheet	SAI		1.98	TTS-HL	-4.53
20	12	7/93 RFO	Bobbin	ADI		5.14	6TH TSP	+9.88
20	16	7/93 RFO	C/L Special Int VOL			0.35	11TH TSP	+6.69
		7/93 RFO	C/L Special Int VOL			0.41	11TH TSP	+10.42
		7/93 RFO	C/L Special Int VOL			0.57	10TH TSP	+2.79
		7/93 RFO	C/L Special Int VOL			0.59	11TH TSP	+8.04
		7/93 RFO	C/L Special Int VOL			0.71	11TH TSP	+15.54
20	17	7/93 RFO	C/L Special Int VOL			0.53	11TH TSP	+21.59

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
20	27	7/93 RFO	Bobbin	ADI		3.58	5TH TSP	+23.68
		7/93 RFO	H/L Special Int	VOL		0.41	5TH TSP	+23.69
		7/93 RFO	C/L Special Int	VOL		0.32	18TH TSP	+3.01
		7/93 RFO	C/L Special Int	VOL		0.41	20TH TSP	+4.75
20	28	7/93 RFO	Bobbin	IDI	40	31.64	TE-HL	+16.92
		7/93 RFO	H/L Special Int	MAI		2.42	TE-HL	+14.33
		7/93 RFO	H/L Special Int	SAI		1.58	TE-HL	+5.34
		7/93 RFO	H/L Special Int	MAI		7.44	TTS-HL	-7.68
20	47	7/93 RFO	C/L Special Int	VOL		0.45	15TH TSP	+1.50
20	52	7/93 RFO	C/L Special Int	VOL		0.52	17TH TSP	+2.54
20	56	7/93 RFO	Bobbin	ADI		5.46	4TH TSP	+34.64
		7/93 RFO	H/L Special Int	VOL		1.00	5TH TSP	-10.41
20	66	7/93 RFO	Bobbin	ADI		1.62	12TH TSP	+17.52
		7/93 RFO	C/L Special Int	VOL		1.37	12TH TSP	+16.70
20	73	7/93 RFO	Bobbin	IDI	40	2.08	TE-HL	+6.28
		7/93 RFO	H/L Special Int	MAI		2.33	TTS-HL	-11.43
		7/93 RFO	H/L Special Int	MAI		2.62	TTS-HL	-10.16
		7/93 RFO	H/L Special Int	MAI		5.83	TTS-HL	-13.91
20	87	7/93 RFO	Bobbin	IDI	40	2.45	TE-HL	+12.81
20	109	7/93 RFO	Bobbin	ODI	28	0.88	3RD TSP	+20.14
		7/93 RFO	H/L Special Int	VOL		1.03	3RD TSP	+20.77
21	9	7/93 RFO	C/L Special Int	VOL		0.45	18TH TSP	+14.53
21	26	7/93 RFO	Bobbin	NQI		1.05	18TH TSP	+9.47
		7/93 RFO	C/L Special Int	VOL		0.16	18TH TSP	+1.49
21	27	7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+28.10
		7/93 RFO	C/L Special Int	VOL		1.02	12TH TSP	+8.05
21	29	7/93 RFO	H/L Tubesheet	SAI		0.56	TTS-HL	-0.90
21	32	7/93 RFO	C/L Special Int	VOL		0.21	19TH TSP	+2.22
		7/93 RFO	C/L Special Int	VOL		0.21	19TH TSP	+4.03
21	33	7/93 RFO	H/L Tubesheet	MAI		0.64	TTS-HL	-1.83
21	34	7/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+11.24
		7/93 RFO	C/L Special Int	VOL		0.33	17TH TSP	-2.35
		7/93 RFO	C/L Special Int	VOL		0.37	11TH TSP	+16.38
		7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+13.87
21	35	7/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	-7.47
		7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+8.91
		7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+20.02
21	58	7/93 RFO	Bobbin	IDI	40	8.44	TE-HL	+7.18
		7/93 RFO	Bobbin	IDI	40	11.69	TE-HL	+7.16
		7/93 RFO	Bobbin	IDI	40	18.10	TE-HL	+7.46
		7/93 RFO	Bobbin	IDI	40	22.13	TE-HL	+7.27
21	60	7/93 RFO	C/L Special Int	VOL		0.61	13TH TSP	+4.99
		7/93 RFO	C/L Special Int	VOL		0.77	13TH TSP	+10.48
		7/93 RFO	C/L Special Int	VOL		1.04	13TH TSP	+7.64
21	81	7/93 RFO	Bobbin	NQI		0.33	3RD TSP	-0.08
21	98	7/93 RFO	H/L Tubesheet	SAI		2.77	TTS-HL	-2.76
21	100	7/93 RFO	Bobbin	IDI	40	5.78	TE-HL	+14.17
22	6	7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+13.17
		7/93 RFO	C/L Special Int	VOL		0.49	10TH TSP	+11.16
		7/93 RFO	C/L Special Int	VOL		0.63	10TH TSP	+5.28
22	11	7/93 RFO	Bobbin	ODI	13	2.66	4TH TSP	+22.01
		7/93 RFO	Bobbin	ODI	19	0.73	4TH TSP	+29.33
		7/93 RFO	Bobbin	ODI	19	0.87	4TH TSP	+11.24
		7/93 RFO	Bobbin	ODI	35	1.37	16TH TSP	+6.17
		7/93 RFO	H/L Tubesheet	SAI		0.63	TTS-HL	-0.02
		7/93 RFO	H/L Special Int	VOL		0.80	4TH TSP	+8.87
		7/93 RFO	H/L Special Int	VOL		0.84	4TH TSP	+11.28
		7/93 RFO	H/L Special Int	VOL		1.09	4TH TSP	+21.38
		7/93 RFO	H/L Special Int	VOL		1.17	4TH TSP	+6.81
		7/93 RFO	H/L Special Int	VOL		1.68	4TH TSP	+22.93
		7/93 RFO	C/L Special Int	VOL		0.35	15TH TSP	+2.67
		7/93 RFO	C/L Special Int	VOL		0.47	11TH TSP	+24.04
		7/93 RFO	C/L Special Int	VOL		0.62	16TH TSP	+5.42
		7/93 RFO	C/L Special Int	VOL		0.71	16TH TSP	+6.87
22	14	7/93 RFO	C/L Special Int	VOL		0.49	16TH TSP	+8.17

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
22	17	7/93 RPO	Bobbin	ADI		4.73	13TH TSP	+15.65
		7/93 RPO	C/L Special Int	VOL		0.40	12TH TSP	-2.22
		7/93 RPO	C/L Special Int	VOL		0.42	12TH TSP	-7.46
22	39	7/93 RPO	Bobbin	ADI		1.55	7TH TSP	+16.01
		7/93 RPO	H/L Special Int	VOL		0.88	7TH TSP	+16.01
22	51	7/93 RPO	C/L Special Int	VOL		0.47	13TH TSP	+4.86
22	55	7/93 RPO	Bobbin	IDI	40	23.17	TE-HL	+15.21
22	65	7/93 RPO	Bobbin	NQI		0.57	2ND TSP	-0.35
22	67	7/93 RPO	C/L Special Int	VOL		0.66	18TH TSP	+5.30
22	71	7/93 RPO	C/L Special Int	VOL		0.64	12TH TSP	+16.52
22	92	7/93 RPO	Bobbin	IDI	40	0.54	TE-HL	+8.56
23	7	7/93 RPO	Bobbin	IDI	40	8.39	TE-HL	+5.82
23	17	7/93 RPO	C/L Special Int	VOL		0.70	11TH TSP	+3.01
23	21	7/93 RPO	Bobbin	ADI		2.19	3RD TSP	+27.69
		7/93 RPO	C/L Special Int	VOL		0.27	9TH TSP	-13.37
23	24	7/93 RPO	Bobbin	IDI	40	16.20	TE-HL	+16.83
		7/93 RPO	H/L Tubesheet	MAI		4.82	TTS-HL	-3.73
23	29	7/93 RPO	Bobbin	IDI	40	9.32	TE-HL	+7.06
23	30	7/93 RPO	Bobbin	ADI		0.95	2ND TSP	+17.30
		7/93 RPO	H/L Special Int	VOL		0.47	2ND TSP	+16.39
23	42	7/93 RPO	Bobbin	ADI		9.38	9TH TSP	+8.56
		7/93 RPO	U-Bend	VOL		0.68	9TH TSP	+8.01
23	45	7/93 RPO	C/L Special Int	VOL		0.62	11TH TSP	-7.37
23	46	7/93 RPO	Bobbin	ODI	4	1.78	3RD TSP	+30.24
		7/93 RPO	H/L Special Int	VOL		0.50	3RD TSP	+30.42
23	48	7/93 RPO	H/L Tubesheet	SAI		0.23	TTS-HL	-0.03
23	84	7/93 RPO	Bobbin	ADI		4.27	12TH TSP	+3.49
		7/93 RPO	C/L Special Int	VOL		0.56	12TH TSP	+3.33
23	85	7/93 RPO	H/L Tubesheet	SAI		2.20	TTS-HL	-3.62
24	14	7/93 RPO	Bobbin	IDI	40	10.04	TE-HL	+13.12
24	17	7/93 RPO	C/L Special Int	VOL		0.48	22ND TSP	+7.33
24	18	7/93 RPO	Bobbin	ADI		2.45	7TH TSP	+38.37
		7/93 RPO	H/L Special Int	VOL		0.87	8TH TSP	-6.46
24	20	7/93 RPO	Bobbin	NQI		0.43	18TH TSP	+3.87
		7/93 RPO	C/L Special Int	VOL		0.23	18TH TSP	+19.04
		7/93 RPO	C/L Special Int	VOL		0.38	18TH TSP	+17.99
		7/93 RPO	C/L Special Int	VOL		0.60	18TH TSP	+15.81
24	22	7/93 RPO	Bobbin	IDI	40	6.30	TE-HL	+14.97
24	25	7/93 RPO	Bobbin	IDI	40	8.30	TE-HL	+17.04
		7/93 RPO	H/L Tubesheet	SAI		6.26	TTS-HL	-4.68
		7/93 RPO	H/L Special Int	SAI		6.29	TE-HL	+17.04
24	27	7/93 RPO	H/L Tubesheet	SAI		0.89	TTS-HL	-3.95
24	28	7/93 RPO	C/L Special Int	VOL		1.24	21ST TSP	-3.28
24	36	7/93 RPO	Bobbin	IDI	40	10.27	TE-HL	+16.31
24	38	7/93 RPO	Bobbin	ADI		1.23	7TH TSP	+8.35
24	40	7/93 RPO	Bobbin	ODI	7	2.42	11TH TSP	+6.45
		7/93 RPO	C/L Special Int	VOL		1.35	11TH TSP	+6.27
24	44	7/93 RPO	C/L Special Int	VOL		0.32	9TH TSP	-10.15
24	46	7/93 RPO	C/L Special Int	VOL		0.52	16TH TSP	+9.04
24	49	7/93 RPO	H/L Tubesheet	SAI		0.21	TTS-HL	-3.36
24	65	7/93 RPO	C/L Special Int	VOL		0.31	13TH TSP	+10.67
24	69	7/93 RPO	Bobbin	NQI		0.84	5TH TSP	+0.00
24	73	7/93 RPO	Bobbin	ODI	28	0.64	3RD TSP	+17.04
		7/93 RPO	H/L Special Int	VOL		0.49	3RD TSP	+17.04
		7/93 RPO	H/L Special Int	VOL		0.71	3RD TSP	+19.57
		7/93 RPO	C/L Special Int	VOL		1.67	19TH TSP	+0.35
25	17	7/93 RPO	Bobbin	ODI	5	2.18	5TH TSP	+5.57
		7/93 RPO	H/L Special Int	VOL		0.50	5TH TSP	+28.49
		7/93 RPO	H/L Special Int	VOL		0.94	5TH TSP	+5.57
25	29	7/93 RPO	H/L Tubesheet	SAI		13.72	TTS-HL	-3.74
25	30	7/93 RPO	C/L Special Int	VOL		0.73	11TH TSP	-11.95
25	39	7/93 RPO	C/L Special Int	VOL		0.84	10TH TSP	-10.16
25	44	7/93 RPO	Bobbin	NQI		0.92	4TH TSP	+28.40
25	48	7/93 RPO	Bobbin	IDI	40	2.84	TE-HL	+18.07
		7/93 RPO	H/L Tubesheet	SAI		2.67	TTS-HL	-3.41

BWNT TUBAN IV (Version 2.1) 09/12/1994 16:24:16

McGuire Nuclear Station - Unit Two

S/G A

7/93 RFO

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

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ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	SAI		2.73	TTS-HL	TTS-HL
25	55	7/93 RFO	Bobbin	IDI	40	11.90	TE-HL	9TH TSP
25	56	7/93 RFO	Bobbin	NQI		1.18	5TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.07	6TH TSP	6TH TSP
25	65	7/93 RFO	C/L Special Int	VOL		0.62	16TH TSP	16TH TSP
25	74	7/93 RFO	C/L Special Int	VOL		1.41	22ND TSP	22ND TSP
26	9	7/93 RFO	C/L Special Int	VOL		0.50	10TH TSP	10TH TSP
26	20	7/93 RFO	C/L Special Int	VOL		0.41	11TH TSP	11TH TSP
26	28	7/93 RFO	C/L Special Int	VOL		0.41	12TH TSP	12TH TSP
26	36	7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	12TH TSP
26	45	7/93 RFO	Bobbin	IDI	40	24.02	TE-HL	9TH TSP
26	48	7/93 RFO	C/L Special Int	VOL		0.91	9TH TSP	9TH TSP
26	61	7/93 RFO	C/L Special Int	VOL		0.64	15TH TSP	15TH TSP
26	62	7/93 RFO	C/L Special Int	VOL		0.33	10TH TSP	10TH TSP
26	64	7/93 RFO	C/L Special Int	VOL		0.54	12TH TSP	12TH TSP
26	69	7/93 RFO	Bobbin	ODI	18	2.16	7TH TSP	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.91	7TH TSP	8TH TSP
26	74	7/93 RFO	Bobbin	ADI		5.06	10TH TSP	9TH TSP
26	78	7/93 RFO	C/L Special Int	VOL		0.49	22ND TSP	22ND TSP
26	83	7/93 RFO	Bobbin	WAR	11	0.62	4AVB	9TH TSP
		7/93 RFO	Bobbin	WAR	19	1.19	3AVB	9TH TSP
		7/93 RFO	Bobbin	ODI	12	2.07	10TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.62	10TH TSP	10TH TSP
26	103	7/93 RFO	Bobbin	WAR	13	0.68	1AVB	9TH TSP
27	20	7/93 RFO	Bobbin	ODI	11	0.57	12TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.32	13TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.35	13TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.55	13TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	12TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	13TH TSP	12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.67	13TH TSP	12TH TSP
27	21	7/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	18TH TSP
27	24	7/93 RFO	C/L Special Int	VOL		0.35	16TH TSP	16TH TSP
27	28	7/93 RFO	Bobbin	IDI	40	6.72	TE-HL	9TH TSP
27	39	7/93 RFO	Bobbin	IDI	40	18.28	TE-HL	9TH TSP
27	47	7/93 RFO	Bobbin	IDI	40	9.92	TE-HL	9TH TSP
		7/93 RFO	Bobbin	IDI	40	32.70	TE-HL	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		1.28	TTS-HL	TTS-HL
27	51	7/93 RFO	Bobbin	WAR	24	2.18	2AVB	9TH TSP
27	52	7/93 RFO	Bobbin	IDI	40	13.91	TE-HL	9TH TSP
27	61	7/93 RFO	Bobbin	IDI	40	5.91	TE-HL	9TH TSP
		7/93 RFO	Bobbin	IDI	40	9.26	TE-HL	9TH TSP
		7/93 RFO	Bobbin	IDI	40	17.51	TE-HL	9TH TSP
27	79	7/93 RFO	Bobbin	NQI		1.63	5TH TSP	9TH TSP
27	99	7/93 RFO	Bobbin	WAR	23	1.53	1AVB	9TH TSP
27	103	7/93 RFO	Bobbin	WAR	20	1.21	1AVB	9TH TSP
27	106	7/93 RFO	Bobbin	WAR	31	2.37	1AVB	10TH TSP
		7/93 RFO	Bobbin	NQI		1.05	6TH TSP	10TH TSP
28	11	7/93 RFO	Bobbin	ADI		5.02	9TH TSP	9TH TSP
		7/93 RFO	Bobbin	ADI		7.95	9TH TSP	9TH TSP
		7/93 RFO	Bobbin	NQI		1.86	10TH TSP	9TH TSP
		7/93 RFO	Bobbin	ODI	23	2.34	9TH TSP	9TH TSP
		7/93 RFO	Bobbin	ODI	33	0.75	9TH TSP	9TH TSP
		7/93 RFO	Bobbin	ODI	11	1.17	10TH TSP	9TH TSP
		7/93 RFO	Bobbin	ODI	11	2.14	10TH TSP	9TH TSP
		7/93 RFO	Bobbin	ODI	13	2.96	10TH TSP	9TH TSP
		7/93 RFO	Bobbin	ODI	23	0.77	10TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.22	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.49	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.51	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.80	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.32	9TH TSP	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.33	9TH TSP	9TH TSP
28	13	7/93 RFO	Bobbin	IDI	40	8.17	TE-HL	9TH TSP

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1
28	27	7/93 RFO	Bobbin	ADI		3.90	1ST TSP	+10.01
		7/93 RFO	Bobbin	ADI		4.23	2ND TSP	+11.56
28	31	7/93 RFO	Bobbin	IDI	40	8.32	TE-HL	+3.99
28	39	7/93 RFO	H/L Tubesheet	MAI		0.20	TTS-HL	+0.00
		7/93 RFO	C/L Special Int	VOL		0.27	10TH TSP	-3.99
28	47	7/93 RFO	Bobbin	ODI	28	0.84	15TH TSP	+6.11
		7/93 RFO	C/L Special Int	VOL		0.70	15TH TSP	+6.33
28	51	7/93 RFO	C/L Special Int	VOL		0.22	16TH TSP	+4.24
28	82	7/93 RFO	Bobbin	ADI		5.14	4TH TSP	+11.51
		7/93 RFO	H/L Special Int	VOL		1.40	4TH TSP	+11.47
28	84	7/93 RFO	C/L Special Int	VOL		0.26	11TH TSP	+5.25
28	101	7/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	-2.30
28	103	7/93 RFO	Bobbin	WAR	21	3.02	1AVB	+0.00
		7/93 RFO	C/L Special Int	VOL		0.55	11TH TSP	+13.46
29	16	7/93 RFO	Bobbin	IDI	40	9.84	TE-HL	+16.01
		7/93 RFO	H/L Special Int	SAI		5.75	TTS-HL	-5.23
29	29	7/93 RFO	Bobbin	ADI		1.47	11TH TSP	+3.65
29	51	7/93 RFO	Bobbin	WAR	23	2.03	1AVB	+0.00
29	53	7/93 RFO	Bobbin	ADI		3.40	11TH TSP	+35.86
		7/93 RFO	C/L Special Int	VOL		0.15	10TH TSP	-8.07
		7/93 RFO	C/L Special Int	VOL		0.52	10TH TSP	-18.03
29	70	7/93 RFO	Bobbin	ADI		3.41	5TH TSP	+7.68
		7/93 RFO	H/L Special Int	VOL		0.47	5TH TSP	+7.02
29	91	7/93 RFO	Bobbin	ADI		11.24	6TH TSP	+36.82
		7/93 RFO	Bobbin	ODI	4	1.09	16TH TSP	-0.20
		7/93 RFO	H/L Special Int	VOL		2.18	7TH TSP	-7.59
		7/93 RFO	C/L Special Int	VOL		0.63	16TH TSP	-0.35
29	103	7/93 RFO	Bobbin	WAR	12	0.77	1AVB	+0.00
29	104	7/93 RFO	Bobbin	WAR	28	2.03	1AVB	+0.00
30	43	7/93 RFO	C/L Special Int	VOL		0.79	10TH TSP	+25.10
30	95	7/93 RFO	Bobbin	WAR	21	1.26	2AVB	+0.00
30	99	7/93 RFO	Bobbin	WAR	21	1.51	1AVB	+0.00
30	103	7/93 RFO	Bobbin	WAR	13	0.73	1AVB	+0.00
30	104	7/93 RFO	Bobbin	WAR	18	1.04	1AVB	+0.00
31	21	7/93 RFO	Bobbin	NQI		0.76	20TH TSP	+4.88
31	27	7/93 RFO	Bobbin	IDI	40	29.91	TE-HL	+10.78
		7/93 RFO	C/L Special Int	VOL		0.42	19TH TSP	+2.13
31	38	7/93 RFO	C/L Special Int	VOL		0.90	21ST TSP	+5.32
31	44	7/93 RFO	C/L Special Int	VOL		0.78	12TH TSP	+20.68
		7/93 RFO	C/L Special Int	VOL		1.16	12TH TSP	+22.28
31	45	7/93 RFO	C/L Special Int	VOL		0.53	20TH TSP	+2.33
		7/93 RFO	C/L Special Int	VOL		0.65	20TH TSP	+0.89
31	65	7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+3.94
		7/93 RFO	C/L Special Int	VOL		0.65	12TH TSP	+5.62
31	67	7/93 RFO	Bobbin	ODI	5	0.40	15TH TSP	+6.61
		7/93 RFO	Bobbin	ODI	5	1.25	15TH TSP	+7.01
		7/93 RFO	C/L Special Int	VOL		0.19	15TH TSP	+6.68
		7/93 RFO	C/L Special Int	VOL		0.70	15TH TSP	+7.07
31	79	7/93 RFO	C/L Special Int	VOL		0.25	15TH TSP	+3.03
31	84	7/93 RFO	Bobbin	WAR	25	1.70	3AVB	+0.00
31	89	7/93 RFO	Bobbin	ADI		8.11	4TH TSP	+28.16
		7/93 RFO	H/L Special Int	VOL		1.07	4TH TSP	+28.35
31	94	7/93 RFO	C/L Special Int	VOL		0.53	11TH TSP	+18.13
32	20	7/93 RFO	Bobbin	IDI	40	8.31	TE-HL	+16.96
32	21	7/93 RFO	C/L Special Int	VOL		0.79	13TH TSP	-2.34
32	28	7/93 RFO	C/L Special Int	VOL		0.23	11TH TSP	+12.79
		7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+17.22
		7/93 RFO	C/L Special Int	VOL		0.60	12TH TSP	-8.63
		7/93 RFO	C/L Special Int	VOL		0.63	12TH TSP	-4.11
32	30	7/93 RFO	Bobbin	IDI	40	13.69	TE-HL	+14.69
		7/93 RFO	H/L Special Int	MAI		2.20	TTS-HL	-7.18
32	35	7/93 RFO	Bobbin	IDI	40	7.77	TE-HL	+17.37
		7/93 RFO	Bobbin	IDI	40	75.46	TE-HL	+15.49
		7/93 RFO	H/L Tubesheet	MAI		5.09	TTS-HL	-4.53
		7/93 RFO	H/L Tubesheet	MAI		6.08	TTS-HL	-4.63

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Tubesheet	MAI		9.02	TTS-HL	-6.74
32	43	7/93 RFO	C/L Special Int	VOL		0.44	15TH TSP	+3.83
		7/93 RFO	C/L Special Int	VOL		0.77	16TH TSP	+1.93
32	69	7/93 RFO	C/L Special Int	VOL		0.64	14TH TSP	-3.74
32	71	7/93 RFO	C/L Special Int	VOL		0.64	11TH TSP	-10.00
32	78	7/93 RFO	C/L Special Int	VOL		0.53	18TH TSP	+7.53
33	12	7/93 RFO	C/L Special Int	VOL		1.68	17TH TSP	+0.51
33	19	7/93 RFO	C/L Special Int	VOL		0.64	17TH TSP	-3.26
33	27	7/93 RFO	Bobbin	ODI	5	2.05	7TH TSP	+23.75
		7/93 RFO	H/L Special Int	VOL		1.98	7TH TSP	+24.41
33	69	7/93 RFO	Bobbin	ADI		6.01	9TH TSP	+15.29
		7/93 RFO	C/L Special Int	VOL		0.75	10TH TSP	+27.52
		7/93 RFO	C/L Special Int	VOL		0.95	10TH TSP	+19.27
33	77	7/93 RFO	Bobbin	IDI	40	5.39	TE-HL	+12.19
33	93	7/93 RFO	H/L Tubesheet	VOL		0.79	TTS-HL	+1.01
34	29	7/93 RFO	Bobbin	IDI	40	19.08	TE-HL	+5.01
		7/93 RFO	H/L Special Int	MAI		3.82	TTS-HL	-16.61
34	57	7/93 RFO	C/L Special Int	VOL		1.45	20TH TSP	+6.30
34	58	7/93 RFO	C/L Special Int	VOL		0.53	22ND TSP	+10.47
35	16	7/93 RFO	Bobbin	ADI		4.91	6TH TSP	+4.20
		7/93 RFO	H/L Special Int	VOL		0.46	6TH TSP	+4.10
35	21	7/93 RFO	Bobbin	NQI		1.07	22ND TSP	+8.41
		7/93 RFO	C/L Special Int	VOL		0.68	22ND TSP	+12.06
		7/93 RFO	C/L Special Int	VOL		0.70	22ND TSP	+8.41
		7/93 RFO	C/L Special Int	VOL		0.89	22ND TSP	+6.40
35	35	7/93 RFO	Bobbin	NQI		1.91	17TH TSP	+6.87
		7/93 RFO	C/L Special Int	VOL		0.45	17TH TSP	+6.80
35	72	7/93 RFO	Bobbin	IDI	40	10.10	TE-HL	+11.77
		7/93 RFO	H/L Special Int	MAI		5.95	TTS-HL	-9.39
35	83	7/93 RFO	H/L Tubesheet	VOL		0.51	TTS-HL	-1.50
		7/93 RFO	H/L Tubesheet	VOL		0.51	TTS-HL	-2.78
		7/93 RFO	H/L Tubesheet	VOL		0.54	TTS-HL	-4.31
35	84	7/93 RFO	C/L Special Int	VOL		0.35	12TH TSP	-6.26
35	93	7/93 RFO	Bobbin	IDI	40	32.07	TE-HL	+12.00
		7/93 RFO	H/L Special Int	MAI		4.66	TTS-HL	-8.94
36	16	7/93 RFO	Bobbin	ODI	24	1.30	18TH TSP	+0.49
		7/93 RFO	C/L Special Int	VOL		0.97	18TH TSP	+0.50
36	23	7/93 RFO	C/L Special Int	VOL		1.05	12TH TSP	+29.47
36	38	7/93 RFO	Bobbin	ADI		4.67	11TH TSP	+19.47
		7/93 RFO	C/L Special Int	VOL		0.59	11TH TSP	+17.88
36	44	7/93 RFO	H/L Tubesheet	SAI		5.22	TTS-HL	-3.03
36	57	7/93 RFO	Bobbin	NQI		2.71	TTS-CL	+4.49
		7/93 RFO	C/L Special Int	VOL		1.16	TTS-CL	+4.49
36	63	7/93 RFO	Bobbin	IDI	40	8.34	TE-HL	+15.07
36	66	7/93 RFO	U-Bend	VOL		1.55	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	11	0.56	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	24	1.62	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	40	3.99	3AVB	+0.00
		7/93 RFO	Bobbin	IDI	40	9.20	TE-HL	+7.51
36	67	7/93 RFO	Bobbin	WAR	26	1.72	1AVB	+0.00
36	85	7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+9.99
37	24	7/93 RFO	C/L Special Int	VOL		1.00	10TH TSP	+20.55
37	45	7/93 RFO	Bobbin	IDI	40	13.40	TE-HL	+12.58
		7/93 RFO	H/L Special Int	MAI		21.64	TTS-HL	-7.93
37	55	7/93 RFO	Bobbin	ODI	2	0.95	TTS-CL	+2.42
37	58	7/93 RFO	Bobbin	ODI	29	1.99	4TH TSP	+39.73
37	60	7/93 RFO	C/L Special Int	VOL		0.74	10TH TSP	-3.50
37	62	7/93 RFO	Bobbin	WAR	32	2.99	1AVB	+0.00
37	88	7/93 RFO	C/L Special Int	VOL		0.39	18TH TSP	+15.05
37	98	7/93 RFO	Bobbin	NQI		0.81	16TH TSP	-0.32
		7/93 RFO	H/L Tubesheet	VOL		0.51	TTS-HL	-3.16
		7/93 RFO	C/L Special Int	VOL		0.94	16TH TSP	-0.34
38	19	7/93 RFO	Bobbin	ADI		7.30	14TH TSP	+9.30
		7/93 RFO	C/L Special Int	VOL		2.29	14TH TSP	+9.02
38	21	7/93 RFO	Bobbin	ADI		4.97	10TH TSP	+21.70

Robbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.68	10TH TSP	+21.70
38	35	7/93 RFO	Bobbin	IDI	40	13.92	TE-HL	+11.08
38	45	7/93 RFO	Bobbin	IDI	40	15.19	TE-HL	+10.18
		7/93 RFO	Bobbin	IDI	40	15.94	TE-HL	+9.18
38	46	7/93 RFO	Bobbin	ADI		2.81	10TH TSP	+36.07
		7/93 RFO	C/L Special Int	VOL		0.28	9TH TSP	-7.93
38	49	7/93 RFO	Bobbin	ADI		10.19	5TH TSP	+21.48
		7/93 RFO	H/L Special Int	VOL		0.63	5TH TSP	+18.88
		7/93 RFO	H/L Special Int	VOL		0.65	5TH TSP	+16.97
		7/93 RFO	H/L Special Int	VOL		1.68	5TH TSP	+20.22
38	50	7/93 RFO	Bobbin	ADI		6.11	7TH TSP	+24.36
		7/93 RFO	H/L Special Int	VOL		0.65	7TH TSP	+23.37
		7/93 RFO	C/L Special Int	VOL		0.66	18TH TSP	+11.92
38	54	7/93 RFO	Bobbin	ADI		6.48	5TH TSP	+13.42
		7/93 RFO	H/L Special Int	VOL		0.99	5TH TSP	+13.27
38	55	7/93 RFO	Bobbin	WAR	22	1.89	1AVE	+0.00
38	57	7/93 RFO	Bobbin	IDI	40	17.63	TE-HL	+14.04
38	59	7/93 RFO	Bobbin	WAR	26	2.14	3AVE	+0.00
38	63	7/93 RFO	Bobbin	IDI	40	11.64	TE-HL	+7.95
38	76	7/93 RFO	Bobbin	IDI	40	5.35	TE-HL	+14.96
38	78	7/93 RFO	Bobbin	NQI		0.17	3RD TSP	-0.02
38	80	7/93 RFO	C/L Special Int	VOL		0.30	17TH TSP	+1.72
		7/93 RFO	C/L Special Int	VOL		0.61	18TH TSP	+8.36
38	83	7/93 RFO	C/L Special Int	VOL		0.51	10TH TSP	-7.17
38	91	7/93 RFO	Bobbin	IDI	40	6.13	TE-HL	+2.06
		7/93 RFO	Bobbin	IDI	40	7.48	TE-HL	+6.95
		7/93 RFO	Bobbin	IDI	40	9.40	TE-HL	+11.04
38	96	7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	+21.84
		7/93 RFO	C/L Special Int	VOL		1.03	11TH TSP	+25.52
39	19	7/93 RFO	Bobbin	WAR	14	1.09	2AVE	+0.00
39	30	7/93 RFO	Bobbin	ODI	31	0.44	10TH TSP	+18.64
		7/93 RFO	H/L Tubesheet	SAI		0.74	TTS-HL	-0.08
		7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+18.52
39	32	7/93 RFO	Bobbin	IDI	40	29.88	TE-HL	+11.56
39	35	7/93 RFO	Bobbin	IDI	40	4.26	TE-HL	+15.10
		7/93 RFO	H/L Tubesheet	SAI		4.44	TTS-HL	-5.80
		7/93 RFO	H/L Special Int	SAI		4.08	TTS-HL	-6.10
39	36	7/93 RFO	Bobbin	IDI	40	12.33	TE-HL	+6.17
39	39	7/93 RFO	H/L Tubesheet	VOL		1.44	TTS-HL	+0.01
		7/93 RFO	C/L Special Int	VOL		0.54	9TH TSP	-4.85
39	48	7/93 RFO	Bobbin	ADI		3.47	10TH TSP	+10.80
		7/93 RFO	C/L Special Int	VOL		0.22	10TH TSP	+17.03
		7/93 RFO	C/L Special Int	VOL		0.36	10TH TSP	+10.80
39	52	7/93 RFO	Bobbin	IDI	40	6.36	TE-HL	+13.02
39	57	7/93 RFO	Bobbin	IDI	40	4.25	TE-HL	+9.21
39	61	7/93 RFO	C/L Special Int	VOL		0.48	21ST TSP	+2.61
39	63	7/93 RFO	C/L Special Int	VOL		0.42	12TH TSP	+6.49
39	65	7/93 RFO	Bobbin	WAR	18	1.35	1AVE	+0.00
39	70	7/93 RFO	Bobbin	WAR	19	1.52	2AVE	+0.00
		7/93 RFO	Bobbin	WAR	22	1.84	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	26	2.24	3AVE	+0.00
39	71	7/93 RFO	Bobbin	WAR	34	2.82	2AVE	+0.00
39	83	7/93 RFO	Bobbin	NQI		0.75	6TH TSP	+29.19
		7/93 RFO	H/L Special Int	VOL		0.45	6TH TSP	+2.46
		7/93 RFO	H/L Special Int	VOL		0.61	6TH TSP	+29.57
		7/93 RFO	H/L Special Int	VOL		0.67	6TH TSP	+17.13
40	24	7/93 RFO	U-Bend	VOL		0.31	3AVE	+0.00
		7/93 RFO	Bobbin	WAR	15	1.05	3AVE	+0.00
40	27	7/93 RFO	Bobbin	IDI	40	14.37	TE-HL	+16.45
		7/93 RFO	H/L Tubesheet	MAI		2.03	TTS-HL	-4.85
40	32	7/93 RFO	U-Bend	VOL		0.84	3AVE	+0.00
		7/93 RFO	U-Bend	VOL		1.13	2AVE	+0.00
		7/93 RFO	Bobbin	WAR	31	2.65	2AVE	+0.00
		7/93 RFO	Bobbin	WAR	39	4.53	3AVE	+0.00
40	34	7/93 RFO	U-Bend	VOL		0.28	2AVE	+0.00

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	U-Bend			1.38	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	17	1.09	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	45	6.85	3AVB	+0.00
40	36	7/93 RFO	Bobbin	WAR	15	1.02	2AVB	+0.00
		7/93 RFO	Bobbin	NQI		0.58	12TH TSP	+1.30
		7/93 RFO	C/L Special Int	VOL		0.46	12TH TSP	+1.32
40	38	7/93 RFO	Bobbin	ADI		1.90	19TH TSP	+3.97
		7/93 RFO	C/L Special Int	VOL		0.31	19TH TSP	+3.68
40	42	7/93 RFO	C/L Special Int	VOL		0.75	TTS-CL	+3.53
40	43	7/93 RFO	Bobbin	IDI	40	12.20	TE-HL	+17.17
		7/93 RFO	H/L Tubesheet	MAI		1.54	TTS-HL	-3.72
		7/93 RFO	H/L Special Int	MAI		9.52	TTS-HL	-3.53
40	48	7/93 RFO	Bobbin	ODI	34	1.16	1ST TSP	+12.82
		7/93 RFO	H/L Special Int	VOL		0.79	2ND TSP	-6.49
		7/93 RFO	H/L Special Int	VOL		0.88	2ND TSP	-8.24
40	70	7/93 RFO	U-Bend			0.32	3AVB	+0.00
		7/93 RFO	U-Bend			0.75	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	27	1.95	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	36	3.19	2AVB	+0.00
40	75	7/93 RFO	C/L Special Int	VOL		0.43	19TH TSP	+4.08
40	76	7/93 RFO	C/L Special Int	VOL		0.57	17TH TSP	-6.26
40	85	7/93 RFO	C/L Special Int	VOL		0.51	16TH TSP	+1.51
40	95	7/93 RFO	Bobbin	NQI		6.55	12TH TSP	+35.90
41	42	7/93 RFO	Bobbin	WAR	15	2.64	18TH TSP	+0.00
41	44	7/93 RFO	Bobbin	WAR	18	3.18	18TH TSP	+0.00
41	48	7/93 RFO	Bobbin	ADI		5.02	11TH TSP	+19.67
		7/93 RFO	C/L Special Int	VOL		0.81	11TH TSP	+4.51
		7/93 RFO	C/L Special Int	VOL		0.90	11TH TSP	+26.47
		7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	+14.61
		7/93 RFO	C/L Special Int	VOL		1.39	11TH TSP	+22.25
		7/93 RFO	C/L Special Int	VOL		1.43	11TH TSP	+19.12
41	50	7/93 RFO	C/L Special Int	VOL		0.72	15TH TSP	+16.82
41	52	7/93 RFO	Bobbin	NQI		3.00	4AVB	+17.14
41	55	7/93 RFO	U-Bend			0.85	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	2.47	1AVB	+0.00
41	61	7/93 RFO	C/L Special Int	VOL		0.42	21ST TSP	+5.93
41	71	7/93 RFO	C/L Special Int	VOL		0.79	16TH TSP	+1.30
41	74	7/93 RFO	U-Bend			0.66	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	23	2.30	1AVB	+0.00
41	75	7/93 RFO	Bobbin	IDI	40	13.28	TE-HL	+6.06
41	78	7/93 RFO	Bobbin	WAR	18	1.41	1AVB	+0.00
		7/93 RFO	Bobbin	ODI	28	1.71	4TH TSP	+17.56
		7/93 RFO	H/L Special Int	VOL		2.24	4TH TSP	+17.65
41	80	7/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	+3.73
41	85	7/93 RFO	H/L Tubesheet	MAI		0.42	TTS-HL	-1.16
41	88	7/93 RFO	Bobbin	IDI	40	12.82	TE-HL	+13.57
		7/93 RFO	H/L Special Int	SAI		2.69	TTS-HL	-7.91
42	38	7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	-14.08
42	62	7/93 RFO	Bobbin	WAR	22	2.11	1AVB	+0.00
42	72	7/93 RFO	U-Bend			1.42	2AVB	+0.00
		7/93 RFO	U-Bend			2.24	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	34	3.99	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	42	5.74	1AVB	+0.00
42	76	7/93 RFO	Bobbin	IDI	40	11.10	TE-HL	+7.58
42	78	7/93 RFO	Bobbin	WAR	23	2.20	1AVB	+0.00
43	63	7/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+28.31
43	64	7/93 RFO	Bobbin	IDI	40	15.94	TE-HL	+13.26
		7/93 RFO	H/L Special Int	SAI		1.27	TTS-HL	-7.77
43	86	7/93 RFO	H/L Tubesheet	VOL		0.65	TTS-HL	-1.63
44	31	7/93 RFO	Bobbin	NQI		0.83	15TH TSP	+8.48
		7/93 RFO	C/L Special Int	VOL		0.69	15TH TSP	+8.76
44	50	7/93 RFO	H/L Tubesheet	SCI		1.52	TTS-HL	-0.07
44	57	7/93 RFO	Bobbin	IDI	40	31.11	TE-HL	+14.20
44	58	7/93 RFO	C/L Special Int	VOL		0.67	11TH TSP	+13.47
		7/93 RFO	C/L Special Int	VOL		0.85	11TH TSP	+22.07

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
44	61	7/93 RFO	Bobbin	IDI	40	12.58	TE-HL	+8.29
		7/93 RFO	Bobbin	IDI	40	18.36	TE-HL	+10.49
44	63	7/93 RFO	Bobbin	IDI	40	21.14	TE-HL	+7.81
44	84	7/93 RFO	C/L Special Int	VOL		0.40	10TH TSP	+20.97
45	28	7/93 RFO	Bobbin	ADI		9.06	10TH TSP	+28.35
		7/93 RFO	C/L Special Int	VOL		1.69	9TH TSP	-16.41
45	31	7/93 RFO	Bobbin	ODI	40	10.86	TE-HL	+17.28
		7/93 RFO	H/L Special Int	SAI		0.89	TTS-HL	-3.92
45	51	7/93 RFO	Bobbin	IDI	40	54.21	TE-HL	+14.17
45	53	7/93 RFO	H/L Tubesheet	SAI		1.28	TTS-HL	+0.08
45	64	7/93 RFO	H/L Tubesheet	SAI		1.30	TTS-HL	+0.07
46	47	7/93 RFO	Bobbin	NQI		0.76	5TH TSP	+29.44
		7/93 RFO	H/L Special Int	VOL		0.38	5TH TSP	+27.61
46	75	7/93 RFO	H/L Tubesheet	SAI		0.54	TTS-HL	+0.00
47	75	7/93 RFO	C/L Special Int	VOL		0.38	TTS-CL	+3.62
47	78	7/93 RFO	C/L Special Int	VOL		0.75	12TH TSP	+41.78
48	53	7/93 RFO	Bobbin	ADI		6.19	7TH TSP	+29.52
		7/93 RFO	Bobbin	ADI		4.99	11TH TSP	+28.92
		7/93 RFO	H/L Special Int	VOL		1.98	7TH TSP	+28.20
		7/93 RFO	C/L Special Int	VOL		1.17	10TH TSP	-16.93
48	67	7/93 RFO	C/L Special Int	VOL		0.70	13TH TSP	+13.55
48	70	7/93 RFO	H/L Tubesheet	SAI		0.72	TTS-HL	-0.11
49	71	7/93 RFO	Bobbin	IDI	40	15.92	TE-HL	+4.32
49	73	7/93 RFO	Bobbin	IDI	40	4.13	TE-HL	+17.38
		7/93 RFO	H/L Tubesheet	VOL		0.63	TTS-HL	-2.86
		7/93 RFO	H/L Tubesheet	VOL		1.67	TTS-HL	-4.07
49	74	7/93 RFO	Bobbin	WAR	9	2.62	15TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.34	15TH TSP	-0.17
49	76	7/93 RFO	C/L Special Int	VOL		0.74	17TH TSP	+7.31
		7/93 RFO	C/L Special Int	VOL		0.81	17TH TSP	-0.10

Total Indications Found = 875

Total Tubes Found = 478

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
2	24	7/93 RFO	Bobbin			3.95	15TH TSP	+8.80
		7/93 RFO	Bobbin			10.23	14TH TSP	+2.74
2	46	7/93 RFO	Bobbin	40		10.61	TE-HL	+13.80
		7/93 RFO	Bobbin	97		4.92	TE-HL	+13.52
2	62	7/93 RFO	Bobbin			5.18	2ND TSP	+13.13
		7/93 RFO	Bobbin			5.77	2ND TSP	+12.86
2	68	7/93 RFO	Bobbin			4.87	2ND TSP	+5.42
		7/93 RFO	Bobbin			5.50	2ND TSP	+5.45
2	93	7/93 RFO	C/L Special Int			0.48	18TH TSP	+21.18
3	8	7/93 RFO	Bobbin			5.80	3RD TSP	+27.69
3	16	7/93 RFO	Bobbin	16		5.94	10TH TSP	+1.90
		7/93 RFO	C/L Special Int			1.67	10TH TSP	+2.82
3	33	7/93 RFO	C/L Special Int			0.53	19TH TSP	+17.62
3	58	7/93 RFO	Bobbin			4.47	3RD TSP	+14.37
		7/93 RFO	H/L Special Int			0.44	3RD TSP	+14.23
3	65	7/93 RFO	H/L Tubesheet			0.92	TTS-HL	+0.19
3	77	7/93 RFO	Bobbin	40		17.02	TE-HL	+2.41
3	86	7/93 RFO	Bobbin			2.60	12TH TSP	+14.54
		7/93 RFO	Bobbin			2.82	12TH TSP	+5.39
		7/93 RFO	C/L Special Int			0.35	13TH TSP	+7.34
		7/93 RFO	C/L Special Int			0.72	12TH TSP	+3.25
		7/93 RFO	C/L Special Int			0.82	12TH TSP	+5.68
		7/93 RFO	C/L Special Int			1.13	14TH TSP	+8.47
3	107	7/93 RFO	Bobbin			5.85	1ST TSP	+5.67
		7/93 RFO	H/L Special Int			0.45	1ST TSP	+5.40
		7/93 RFO	H/L Special Int			0.55	1ST TSP	+2.74
4	12	7/93 RFO	C/L Special Int			0.34	13TH TSP	+4.76
4	20	7/93 RFO	Bobbin			7.77	4TH TSP	+25.72
		7/93 RFO	H/L Special Int			0.60	4TH TSP	+17.78
		7/93 RFO	H/L Special Int			1.00	4TH TSP	+5.81
		7/93 RFO	H/L Special Int			1.05	4TH TSP	+10.16
		7/93 RFO	H/L Special Int			1.54	4TH TSP	+27.43
		7/93 RFO	C/L Special Int			0.86	20TH TSP	+3.25
4	23	7/93 RFO	Bobbin	8		1.57	5TH TSP	+39.68
		7/93 RFO	H/L Special Int			1.34	6TH TSP	-4.95
		7/93 RFO	C/L Special Int			0.57	11TH TSP	-5.51
4	24	7/93 RFO	C/L Special Int			0.52	11TH TSP	+8.85
		7/93 RFO	C/L Special Int			0.86	11TH TSP	+7.10
4	37	7/93 RFO	Bobbin	68		14.48	TE-HL	+4.18
4	73	7/93 RFO	Bobbin	40		10.29	TE-HL	+15.14
4	76	7/93 RFO	Bobbin			0.22	6TH TSP	-0.36
4	78	7/93 RFO	Bobbin			0.76	3RD TSP	+0.00
		7/93 RFO	H/L Special Int			0.22	3RD TSP	+0.00
4	79	7/93 RFO	Bobbin			4.53	10TH TSP	+32.61
		7/93 RFO	C/L Special Int			0.76	9TH TSP	-13.20
4	97	7/93 RFO	Bobbin			11.04	2ND TSP	+22.07
		7/93 RFO	H/L Special Int			0.86	3RD TSP	-2.38
4	98	7/93 RFO	Bobbin	40		7.37	TE-HL	+19.00
		7/93 RFO	H/L Special Int			0.31	TTS-HL	-2.04
4	108	7/93 RFO	H/L Tubesheet			1.27	TTS-HL	-4.83
5	23	7/93 RFO	C/L Special Int			0.71	12TH TSP	+2.91
5	56	7/93 RFO	C/L Special Int			0.42	17TH TSP	+6.12
5	70	7/93 RFO	Bobbin	40		27.94	TE-HL	+4.17
5	95	7/93 RFO	H/L Special Int			0.47	6TH TSP	+4.74
		7/93 RFO	H/L Special Int			0.69	6TH TSP	+11.83
		7/93 RFO	H/L Special Int			1.04	6TH TSP	+8.96
		7/93 RFO	H/L Special Int			1.15	6TH TSP	+14.60
		7/93 RFO	H/L Special Int			1.21	6TH TSP	+13.35
		7/93 RFO	H/L Special Int			1.23	6TH TSP	+10.29
		7/93 RFO	H/L Special Int			1.65	6TH TSP	-0.72
5	113	7/93 RFO	Bobbin	40		8.22	TE-HL	+16.12
6	42	7/93 RFO	C/L Special Int			0.30	11TH TSP	+2.51
		7/93 RFO	C/L Special Int			0.34	13TH TSP	+7.09
		7/93 RFO	C/L Special Int			0.36	12TH TSP	+31.94
		7/93 RFO	C/L Special Int			0.40	12TH TSP	+23.19

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int VOL			0.49	12TH TSP	+19.86
		7/93 RFO	C/L Special Int VOL			0.50	12TH TSP	+28.49
		7/93 RFO	C/L Special Int VOL			0.54	13TH TSP	+8.34
		7/93 RFO	C/L Special Int VOL			0.57	16TH TSP	+7.79
		7/93 RFO	C/L Special Int VOL			0.59	12TH TSP	+10.89
		7/93 RFO	C/L Special Int VOL			0.80	12TH TSP	+36.03
6	45	7/93 RFO	Bobbin ADI			4.61	11TH TSP	+24.51
		7/93 RFO	Bobbin ADI			4.89	10TH TSP	+17.89
		7/93 RFO	Bobbin ADI			6.32	10TH TSP	+25.47
		7/93 RFO	C/L Special Int VOL			0.70	11TH TSP	+24.93
		7/93 RFO	C/L Special Int VOL			1.21	10TH TSP	+26.13
6	46	7/93 RFO	Bobbin ADI			7.73	17TH TSP	+5.79
6	59	7/93 RFO	C/L Special Int VOL			0.27	13TH TSP	-2.95
		7/93 RFO	C/L Special Int VOL			0.28	13TH TSP	-4.22
6	64	7/93 RFO	C/L Special Int VOL			0.81	10TH TSP	-4.39
6	66	7/93 RFO	Bobbin IDI	40		7.06	TE-HL	+20.03
		7/93 RFO	H/L Special Int MAI			0.64	TTS-HL	-1.16
6	69	7/93 RFO	Bobbin IDI	40		8.84	TE-HL	+8.58
6	70	7/93 RFO	Bobbin IDI	40		13.42	TE-HL	+7.62
6	77	7/93 RFO	Bobbin IDI	40		8.75	TE-HL	+6.69
6	82	7/93 RFO	Bobbin ADI			4.82	12TH TSP	+27.88
		7/93 RFO	C/L Special Int VOL			0.58	11TH TSP	-20.08
6	83	7/93 RFO	H/L Tubesheet SAI			1.21	TTS-HL	-0.90
6	104	7/93 RFO	Bobbin ADI			4.29	TTS-CL	+4.66
7	8	7/93 RFO	C/L Special Int VOL			1.19	TTS-CL	+6.16
7	56	7/93 RFO	Bobbin IDI	40		14.95	TE-HL	+11.94
7	79	7/93 RFO	C/L Special Int VOL			0.43	9TH TSP	-23.12
7	92	7/93 RFO	H/L Tubesheet SAI			0.94	TTS-HL	-0.08
7	94	7/93 RFO	Bobbin IDI	40		9.75	TE-HL	+10.84
8	48	7/93 RFO	C/L Special Int VOL			0.51	21ST TSP	+2.63
8	56	7/93 RFO	Bobbin NQI			1.24	22ND TSP	+10.12
		7/93 RFO	C/L Special Int VOL			2.44	21ST TSP	-12.36
8	68	7/93 RFO	C/L Special Int VOL			0.60	11TH TSP	-24.70
8	78	7/93 RFO	Bobbin NQI			2.34	4TH TSP	+15.87
		7/93 RFO	H/L Special Int VOL			2.28	4TH TSP	+15.95
8	100	7/93 RFO	H/L Tubesheet VOL			3.04	TTS-HL	+0.57
8	104	7/93 RFO	Bobbin IDI	40		32.62	TE-HL	+6.89
9	4	7/93 RFO	C/L Special Int VOL			0.82	10TH TSP	+22.52
9	5	7/93 RFO	Bobbin NQI			0.79	5TH TSP	+24.42
		7/93 RFO	H/L Special Int VOL			1.39	6TH TSP	-21.11
9	7	7/93 RFO	Bobbin ODI	16		4.71	10TH TSP	+10.14
		7/93 RFO	Bobbin ODI	22		1.57	15TH TSP	+1.65
		7/93 RFO	C/L Special Int VOL			1.10	10TH TSP	+10.34
		7/93 RFO	C/L Special Int VOL			1.57	15TH TSP	+1.70
9	9	7/93 RFO	C/L Special Int VOL			1.61	11TH TSP	-4.05
9	12	7/93 RFO	C/L Special Int VOL			0.74	17TH TSP	-5.65
9	34	7/93 RFO	Bobbin NQI			1.05	22ND TSP	+3.26
9	74	7/93 RFO	Bobbin ODI	9		0.35	11TH TSP	+11.58
9	75	7/93 RFO	Bobbin ADI			0.82	10TH TSP	+36.05
		7/93 RFO	Bobbin ODI	37		0.70	10TH TSP	+41.23
9	81	7/93 RFO	Bobbin ADI			0.44	22ND TSP	+10.07
9	89	7/93 RFO	C/L Special Int VOL			0.68	18TH TSP	+4.19
9	92	7/93 RFO	C/L Special Int VOL			1.67	TTS-CL	+3.87
9	93	7/93 RFO	Bobbin ADI			1.50	17TH TSP	+2.63
9	105	7/93 RFO	Bobbin NQI			0.76	2ND TSP	-0.02
9	108	7/93 RFO	Bobbin IDI	40		15.70	TE-HL	+14.79
10	6	7/93 RFO	C/L Special Int VOL			0.64	20TH TSP	+4.86
10	15	7/93 RFO	Bobbin NQI			1.11	3RD TSP	+0.00
		7/93 RFO	H/L Special Int SAI			0.84	3RD TSP	+0.01
10	24	7/93 RFO	C/L Special Int VOL			0.57	TTS-CL	+6.49
		7/93 RFO	C/L Special Int VOL			0.36	21ST TSP	+5.09
		7/93 RFO	C/L Special Int VOL			0.43	21ST TSP	+7.51
10	30	7/93 RFO	C/L Special Int VOL			0.84	14TH TSP	+10.01
10	37	7/93 RFO	H/L Tubesheet VOL			1.63	TTS-HL	+0.58
		7/93 RFO	C/L Special Int VOL			0.47	17TH TSP	+2.26

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.78	17TH TSP	+6.90
		7/93 RFO	C/L Special Int	VOL		1.38	22ND TSP	+6.98
10	46	7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+2.61
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+11.64
10	59	7/93 RFO	Bobbin	IDI	40	51.19	TE-HL	+12.33
10	60	7/93 RFO	Bobbin	ODI	13	0.64	12TH TSP	+7.88
		7/93 RFO	C/L Special Int	VOL		0.88	12TH TSP	+7.94
10	61	7/93 RFO	Bobbin	ODI	14	1.88	1ST TSP	+1.96
		7/93 RFO	H/L Special Int	VOL		1.19	1ST TSP	+1.99
10	69	7/93 RFO	Bobbin	NQI		0.53	17TH TSP	+8.54
10	77	7/93 RFO	Bobbin	ADI		7.95	13TH TSP	+20.25
		7/93 RFO	C/L Special Int	VOL		1.07	12TH TSP	-2.13
10	80	7/93 RFO	Bobbin	NQI		0.41	22ND TSP	+9.16
10	113	7/93 RFO	Bobbin	NQI		0.32	12TH TSP	+3.85
		7/93 RFO	Bobbin	ODI	22	1.28	12TH TSP	+8.17
		7/93 RFO	Bobbin	ODI	23	0.38	12TH TSP	+1.23
		7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+1.98
		7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+3.91
11	2	7/93 RFO	C/L Special Int	VOL		0.88	16TH TSP	-4.26
11	4	7/93 RFO	C/L Special Int	VOL		0.33	16TH TSP	+3.74
		7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+3.67
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+6.98
11	6	7/93 RFO	C/L Special Int	VOL		0.61	16TH TSP	+3.89
		7/93 RFO	C/L Special Int	VOL		0.83	16TH TSP	+6.74
11	7	7/93 RFO	Bobbin	NQI		0.95	18TH TSP	+12.86
		7/93 RFO	C/L Special Int	VOL		0.68	18TH TSP	+12.66
11	21	7/93 RFO	C/L Special Int	VOL		0.51	TTS-CL	+4.90
11	22	7/93 RFO	Bobbin	NQI		0.83	18TH TSP	+3.36
		7/93 RFO	C/L Special Int	VOL		1.16	18TH TSP	+3.29
11	25	7/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	+15.34
11	29	7/93 RFO	Bobbin	ODI	20	1.17	1ST TSP	+3.17
		7/93 RFO	H/L Special Int	VOL		0.85	1ST TSP	+3.57
11	35	7/93 RFO	C/L Special Int	VOL		1.37	11TH TSP	+1.71
11	41	7/93 RFO	Bobbin	NQI		1.81	22ND TSP	+8.46
		7/93 RFO	C/L Special Int	VOL		0.77	13TH TSP	+7.00
11	47	7/93 RFO	C/L Special Int	VOL		1.52	10TH TSP	+8.54
11	48	7/93 RFO	Bobbin	IDI	40	14.75	TE-HL	+4.27
11	52	7/93 RFO	Bobbin	ODI	25	3.01	11TH TSP	+18.48
		7/93 RFO	C/L Special Int	VOL		1.63	11TH TSP	+19.62
11	70	7/93 RFO	H/L Tubesheet	MAI		1.68	TTS-HL	-3.62
11	77	7/93 RFO	Bobbin	IDI	40	16.91	TE-HL	+10.32
11	79	7/93 RFO	Bobbin	ODI	25	2.61	10TH TSP	+25.20
		7/93 RFO	C/L Special Int	VOL		0.90	10TH TSP	+25.93
11	87	7/93 RFO	Bobbin	ADI		3.40	14TH TSP	+5.80
		7/93 RFO	Bobbin	NQI		0.38	11TH TSP	+14.90
11	89	7/93 RFO	Bobbin	ODI	28	1.71	12TH TSP	+42.56
		7/93 RFO	C/L Special Int	VOL		1.04	11TH TSP	-1.94
11	91	7/93 RFO	C/L Special Int	VOL		0.76	11TH TSP	+15.09
		7/93 RFO	C/L Special Int	VOL		0.81	11TH TSP	+18.22
11	92	7/93 RFO	Bobbin	ODI	17	0.97	12TH TSP	+29.26
11	94	7/93 RFO	H/L Tubesheet	SAI		0.44	TTS-HL	-0.04
11	99	7/93 RFO	Bobbin	ODI	3	0.78	12TH TSP	+39.25
		7/93 RFO	C/L Special Int	VOL		0.68	11TH TSP	-5.87
12	8	7/93 RFO	Bobbin	ADI		5.83	7TH TSP	+10.85
		7/93 RFO	H/L Special Int	VOL		0.50	7TH TSP	+10.87
12	17	7/93 RFO	C/L Special Int	VOL		0.84	17TH TSP	+6.73
		7/93 RFO	C/L Special Int	VOL		0.92	17TH TSP	+2.29
12	23	7/93 RFO	Bobbin	NQI		0.19	3RD TSP	+0.10
12	39	7/93 RFO	Bobbin	NQI		0.12	3RD TSP	-0.08
12	40	7/93 RFO	Bobbin	ADI		12.45	11TH TSP	+28.43
		7/93 RFO	C/L Special Int	VOL		2.34	11TH TSP	+29.79
12	42	7/93 RFO	C/L Special Int	VOL		0.50	14TH TSP	+8.51
12	48	7/93 RFO	Bobbin	ADI		3.03	12TH TSP	+40.56
		7/93 RFO	Bobbin	ODI	7	2.66	4TH TSP	+7.91
		7/93 RFO	H/L Special Int	VOL		0.52	4TH TSP	+5.07

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	VOL		0.70	4TH TSP	+8.89 4TH TSP
12	55	7/93 RFO	H/L Special Int	VOL		0.66	6TH TSP	+5.05 6TH TSP
12	56	7/93 RFO	Bobbin	NQI		0.57	13TH TSP	+17.88 9TH TSP
12	57	7/93 RFO	Bobbin	ODI	18	4.58	16TH TSP	+2.85 9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.19	16TH TSP	+2.82 16TH TSP
12	75	7/93 RFO	Bobbin	IDI	40	8.69	TE-HL	+8.92 9TH TSP
12	79	7/93 RFO	C/L Special Int	VOL		0.13	12TH TSP	+18.84 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+20.75 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.64	12TH TSP	+16.28 12TH TSP
12	91	7/93 RFO	C/L Special Int	VOL		0.79	15TH TSP	+6.81 15TH TSP
12	112	7/93 RFO	Bobbin	IDI	40	23.08	TE-HL	+15.85 9TH TSP
13	15	7/93 RFO	C/L Special Int	VOL		1.53	11TH TSP	+27.50 11TH TSP
13	26	7/93 RFO	Bobbin	IDI	40	3.23	TE-HL	+6.58 9TH TSP
13	38	7/93 RFO	Bobbin	IDI	40	2.66	TE-HL	+12.51 9TH TSP
13	53	7/93 RFO	Bobbin	ADI		6.32	18TH TSP	+8.58 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	18TH TSP	+8.13 18TH TSP
13	58	7/93 RFO	Bobbin	IDI	40	12.12	TE-HL	+15.42 9TH TSP
		7/93 RFO	H/L Special Int	MAI		1.07	TTS-HL	-5.92 TTS-HL
13	67	7/93 RFO	Bobbin	ADI		9.19	4TH TSP	+16.38 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.98	4TH TSP	+16.19 4TH TSP
13	96	7/93 RFO	Bobbin	IDI	40	8.79	TE-HL	+6.02 9TH TSP
		7/93 RFO	Bobbin	IDI	40	14.02	TE-HL	+8.86 9TH TSP
14	14	7/93 RFO	Bobbin	IDI	40	7.54	TE-HL	+18.10 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.89	18TH TSP	+16.80 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.95	11TH TSP	-14.65 11TH TSP
14	44	7/93 RFO	Bobbin	IDI	40	12.51	TE-HL	+17.04 9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		2.95	TTS-HL	-4.19 TTS-HL
15	23	7/93 RFO	Bobbin	IDI	40	5.37	TE-HL	+3.70 9TH TSP
		7/93 RFO	Bobbin	NQI		0.14	3RD TSP	+0.07 9TH TSP
15	27	7/93 RFO	Bobbin	ODI	22	2.80	6TH TSP	+10.64 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.97	6TH TSP	+11.07 6TH TSP
15	38	7/93 RFO	Bobbin	IDI	40	9.86	TTS-HL	-0.81 9TH TSP
15	52	7/93 RFO	C/L Special Int	VOL		0.75	11TH TSP	+17.68 11TH TSP
15	60	7/93 RFO	Bobbin	ADI		2.17	12TH TSP	+20.06 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+19.53 12TH TSP
15	64	7/93 RFO	Bobbin	IDI	40	13.25	TE-HL	+18.11 9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		1.94	TTS-HL	-3.00 TTS-HL
15	75	7/93 RFO	H/L Tubesheet	VOL		0.21	TTS-HL	+2.19 TTS-HL
15	95	7/93 RFO	H/L Tubesheet	VOL		0.99	TTS-HL	-2.46 TTS-HL
		7/93 RFO	H/L Tubesheet	VOL		1.22	TTS-HL	+0.76 TTS-HL
15	102	7/93 RFO	Bobbin	ODI	11	1.68	15TH TSP	+3.29 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	15TH TSP	+3.97 15TH TSP
16	12	7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+2.40 12TH TSP
16	13	7/93 RFO	Bobbin	ODI	17	1.05	13TH TSP	+5.89 9TH TSP
16	38	7/93 RFO	Bobbin	ADI		10.81	16TH TSP	+1.83 9TH TSP
16	49	7/93 RFO	C/L Special Int	VOL		0.84	10TH TSP	+25.52 10TH TSP
16	59	7/93 RFO	Bobbin	IDI	40	22.71	TE-HL	+8.51 9TH TSP
16	76	7/93 RFO	Bobbin	IDI	40	18.12	TE-HL	+6.21 9TH TSP
16	92	7/93 RFO	H/L Tubesheet	SAI		0.62	TTS-HL	+0.00 TTS-HL
16	105	7/93 RFO	C/L Special Int	VOL		0.32	13TH TSP	+17.92 13TH TSP
17	8	7/93 RFO	C/L Special Int	VOL		1.72	10TH TSP	+16.41 10TH TSP
17	11	7/93 RFO	Bobbin	NQI		1.59	5TH TSP	+31.36 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.59	6TH TSP	-14.06 6TH TSP
		7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+13.41 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.48	13TH TSP	+1.52 13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	15TH TSP	+2.50 15TH TSP
17	19	7/93 RFO	C/L Special Int	SAI		1.42	16TH TSP	+2.11 16TH TSP
17	38	7/93 RFO	C/L Special Int	VOL		0.31	19TH TSP	+2.61 19TH TSP
17	45	7/93 RFO	Bobbin	IDI	40	2.50	TE-HL	+7.23 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.56	18TH TSP	-0.48 18TH TSP
17	52	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+16.93 12TH TSP
17	55	7/93 RFO	C/L Special Int	VOL		0.70	18TH TSP	+19.94 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	18TH TSP	+18.37 18TH TSP
17	61	7/93 RFO	Bobbin	IDI	40	5.34	TE-HL	+5.98 9TH TSP
		7/93 RFO	Bobbin	IDI	40	18.27	TE-HL	+10.31 9TH TSP

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Band

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
17	74	7/93 RFO	Bobbin	IDI	40	7.43	TE-HL	+16.86
		7/93 RFO	H/L Tubesheet	SAI		5.09	TTS-HL	-4.17
17	82	7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	+15.26
17	101	7/93 RFO	H/L Tubesheet	SAI		0.37	TTS-HL	+0.00
17	108	7/93 RFO	H/L Tubesheet	VOL		0.49	TTS-HL	-0.22
18	8	7/93 RFO	Bobbin	ODI	18	1.32	13TH TSP	+20.31
		7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+7.44
		7/93 RFO	C/L Special Int	VOL		0.88	12TH TSP	-1.72
18	14	7/93 RFO	C/L Special Int	VOL		0.35	20TH TSP	+2.09
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+1.36
		7/93 RFO	C/L Special Int	VOL		0.65	21ST TSP	+2.27
		7/93 RFO	C/L Special Int	VOL		0.84	22ND TSP	+2.77
18	18	7/93 RFO	C/L Special Int	VOL		0.71	11TH TSP	+17.02
18	56	7/93 RFO	Bobbin	IDI	40	11.30	TE-HL	+16.88
		7/93 RFO	H/L Tubesheet	SAI		3.06	TTS-HL	-3.90
		7/93 RFO	H/L Special Int	SAI		3.14	TE-HL	+16.76
18	71	7/93 RFO	Bobbin	IDI	40	16.43	TE-HL	+17.25
		7/93 RFO	H/L Tubesheet	MAI		6.57	TTS-HL	-3.79
18	82	7/93 RFO	Bobbin	IDI	40	34.57	TE-HL	+16.18
		7/93 RFO	H/L Special Int	MAI		9.18	TTS-HL	-5.15
		7/93 RFO	C/L Special Int	VOL		0.24	11TH TSP	-4.97
18	103	7/93 RFO	Bobbin	IDI	40	31.19	TE-HL	+17.86
		7/93 RFO	H/L Tubesheet	MAI		9.18	TTS-HL	-3.20
18	108	7/93 RFO	Bobbin	ADI		4.18	18TH TSP	+4.95
19	6	7/93 RFO	C/L Special Int	VOL		0.41	12TH TSP	+20.69
		7/93 RFO	C/L Special Int	VOL		0.43	12TH TSP	+3.69
		7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+24.91
		7/93 RFO	C/L Special Int	VOL		0.54	12TH TSP	+26.45
		7/93 RFO	C/L Special Int	VOL		0.71	12TH TSP	+22.69
		7/93 RFO	C/L Special Int	VOL		0.85	12TH TSP	+6.29
19	21	7/93 RFO	Bobbin	IDI	40	2.70	TE-HL	+12.16
19	26	7/93 RFO	C/L Special Int	VOL		0.35	11TH TSP	-3.62
		7/93 RFO	C/L Special Int	VOL		0.48	20TH TSP	+3.14
		7/93 RFO	C/L Special Int	VOL		0.55	20TH TSP	-0.94
19	27	7/93 RFO	C/L Special Int	VOL		0.47	17TH TSP	+5.59
19	50	7/93 RFO	C/L Special Int	VOL		0.46	14TH TSP	+1.89
		7/93 RFO	C/L Special Int	VOL		0.67	13TH TSP	+10.26
19	60	7/93 RFO	C/L Special Int	VOL		0.69	21ST TSP	+2.64
19	93	7/93 RFO	H/L Tubesheet	SAI		1.27	TTS-HL	+0.00
19	97	7/93 RFO	C/L Special Int	VOL		0.26	18TH TSP	+13.84
19	110	7/93 RFO	C/L Special Int	VOL		1.10	13TH TSP	+10.00
20	11	7/93 RFO	C/L Special Int	VOL		0.46	17TH TSP	+9.12
		7/93 RFO	C/L Special Int	VOL		0.68	17TH TSP	+6.36
		7/93 RFO	C/L Special Int	VOL		0.88	19TH TSP	+0.95
20	15	7/93 RFO	C/L Special Int	VOL		0.49	15TH TSP	+7.05
		7/93 RFO	C/L Special Int	VOL		0.55	18TH TSP	+17.37
		7/93 RFO	C/L Special Int	VOL		0.59	15TH TSP	+0.45
		7/93 RFO	C/L Special Int	VOL		0.72	18TH TSP	+11.57
		7/93 RFO	C/L Special Int	VOL		0.82	18TH TSP	+10.20
		7/93 RFO	C/L Special Int	VOL		1.16	15TH TSP	+5.99
20	18	7/93 RFO	C/L Special Int	VOL		0.65	21ST TSP	+5.30
		7/93 RFO	C/L Special Int	VOL		0.71	21ST TSP	+3.11
20	26	7/93 RFO	C/L Special Int	VOL		0.61	11TH TSP	+8.89
20	30	7/93 RFO	C/L Special Int	VOL		0.68	11TH TSP	+39.41
		7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	+38.12
20	31	7/93 RFO	C/L Special Int	VOL		0.28	11TH TSP	+5.74
20	39	7/93 RFO	C/L Special Int	VOL		0.64	22ND TSP	+12.41
20	62	7/93 RFO	Bobbin	NQI		1.02	3RD TSP	+36.93
20	75	7/93 RFO	Bobbin	IDI	40	23.60	TE-HL	+2.05
20	93	7/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	+34.97
		7/93 RFO	C/L Special Int	VOL		0.45	11TH TSP	+6.76
		7/93 RFO	C/L Special Int	VOL		0.72	11TH TSP	+19.81
20	95	7/93 RFO	Bobbin	IDI	40	20.77	TE-HL	+7.42
21	74	7/93 RFO	Bobbin	IDI	40	36.87	TE-HL	+16.04
21	90	7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+27.99

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+34.20
		7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	+24.48
22	7	7/93 RFO	Bobbin	ADI		3.86	17TH TSP	+7.18
		7/93 RFO	C/L Special Int	VOL		0.60	17TH TSP	+4.08
22	14	7/93 RFO	C/L Special Int	VOL		0.78	16TH TSP	+2.01
22	26	7/93 RFO	C/L Special Int	VOL		0.33	13TH TSP	+4.98
22	28	7/93 RFO	C/L Special Int	VOL		0.66	10TH TSP	+19.96
		7/93 RFO	C/L Special Int	VOL		0.93	10TH TSP	+16.74
22	66	7/93 RFO	H/L Tubesheet	SAI		1.80	TTS-HL	+0.03
23	17	7/93 RFO	C/L Special Int	VOL		0.46	11TH TSP	+17.49
23	38	7/93 RFO	Bobbin	ADI		7.01	17TH TSP	+6.52
		7/93 RFO	C/L Special Int	VOL		0.95	17TH TSP	+6.16
23	45	7/93 RFO	C/L Special Int	VOL		0.61	14TH TSP	+3.69
		7/93 RFO	C/L Special Int	VOL		0.70	17TH TSP	-1.60
		7/93 RFO	C/L Special Int	VOL		0.74	14TH TSP	+5.17
23	57	7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	-12.54
		7/93 RFO	C/L Special Int	VOL		0.73	10TH TSP	-9.11
23	71	7/93 RFO	Bobbin	ODI	18	0.80	7TH TSP	+17.32
		7/93 RFO	H/L Special Int	VOL		1.38	7TH TSP	+17.46
23	78	7/93 RFO	Bobbin	ADI		4.31	2ND TSP	-9.02
23	92	7/93 RFO	Bobbin	IDI	40	25.53	TE-HL	+11.97
24	27	7/93 RFO	C/L Special Int	VOL		0.50	15TH TSP	+8.20
24	30	7/93 RFO	C/L Special Int	VOL		0.97	10TH TSP	+11.72
24	37	7/93 RFO	C/L Special Int	VOL		0.45	10TH TSP	-13.56
		7/93 RFO	C/L Special Int	VOL		0.59	10TH TSP	-13.14
		7/93 RFO	C/L Special Int	VOL		0.78	15TH TSP	+2.51
24	40	7/93 RFO	C/L Special Int	VOL		0.43	13TH TSP	+10.57
24	43	7/93 RFO	C/L Special Int	VOL		0.87	19TH TSP	+5.77
24	49	7/93 RFO	C/L Special Int	VOL		0.32	16TH TSP	+4.30
24	52	7/93 RFO	C/L Special Int	VOL		0.58	TTS-CL	+2.74
24	55	7/93 RFO	C/L Special Int	VOL		1.33	10TH TSP	-9.27
24	79	7/93 RFO	Bobbin	ODI	30	5.55	12TH TSP	+25.84
24	81	7/93 RFO	Bobbin	IDI	40	7.53	TE-HL	+8.87
24	97	7/93 RFO	C/L Special Int	VOL		0.19	21ST TSP	+5.78
25	44	7/93 RFO	C/L Special Int	VOL		0.92	11TH TSP	+11.46
25	45	7/93 RFO	C/L Special Int	VOL		0.78	22ND TSP	+8.44
25	47	7/93 RFO	Bobbin	ADI		3.19	7TH TSP	+34.54
		7/93 RFO	Bobbin	NQI		0.75	7TH TSP	+26.95
		7/93 RFO	H/L Special Int	VOL		1.02	8TH TSP	-18.38
		7/93 RFO	C/L Special Int	VOL		0.56	17TH TSP	+7.75
25	51	7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+7.51
		7/93 RFO	C/L Special Int	VOL		0.57	17TH TSP	-2.19
		7/93 RFO	C/L Special Int	VOL		2.99	13TH TSP	+3.95
25	82	7/93 RFO	Bobbin	ODI	14	0.74	6TH TSP	+18.20
25	101	7/93 RFO	Bobbin	ADI		3.53	10TH TSP	+34.09
25	105	7/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	+4.96
25	106	7/93 RFO	Bobbin	ODI	14	4.80	7TH TSP	+11.41
		7/93 RFO	H/L Special Int	VOL		0.96	7TH TSP	+10.48
26	8	7/93 RFO	Bobbin	NQI		1.32	TTS-HL	+2.43
26	9	7/93 RFO	Bobbin	ADI		8.42	6TH TSP	+32.55
		7/93 RFO	H/L Special Int	VOL		0.84	7TH TSP	-13.30
26	34	7/93 RFO	C/L Special Int	VOL		0.38	10TH TSP	-9.03
		7/93 RFO	C/L Special Int	VOL		0.53	10TH TSP	-6.79
26	45	7/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+10.43
26	50	7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+2.49
26	55	7/93 RFO	C/L Special Int	VOL		0.33	21ST TSP	+3.93
26	59	7/93 RFO	C/L Special Int	VOL		1.25	22ND TSP	+10.94
26	65	7/93 RFO	Bobbin	ODI	9	2.06	3RD TSP	+15.90
		7/93 RFO	H/L Special Int	VOL		2.07	3RD TSP	+15.93
26	85	7/93 RFO	Bobbin	NQI		3.67	7TH TSP	+18.06
		7/93 RFO	H/L Special Int	VOL		1.65	7TH TSP	+18.16
26	90	7/93 RFO	H/L Tubesheet	SAI		0.95	TTS-HL	+0.03
26	94	7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+11.16
		7/93 RFO	C/L Special Int	VOL		0.70	11TH TSP	-10.44
		7/93 RFO	C/L Special Int	VOL		0.76	13TH TSP	+13.26

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

CRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
27	18	7/93 RFO	C/L Special Int VOL			0.56	10TH TSP	-8.23
27	27	7/93 RFO	Bobbin IDI	40		4.64	TE-HL	+16.21
27	29	7/93 RFO	C/L Special Int VOL			0.44	22ND TSP	+3.30
		7/93 RFO	C/L Special Int VOL			0.76	14TH TSP	+3.78
27	30	7/93 RFO	C/L Special Int VOL			0.42	18TH TSP	+18.14
27	32	7/93 RFO	Bobbin ADI			3.98	11TH TSP	+23.12
		7/93 RFO	C/L Special Int VOL			0.40	11TH TSP	+21.53
27	51	7/93 RFO	C/L Special Int VOL			0.95	22ND TSP	+11.58
27	60	7/93 RFO	Bobbin ADI			4.34	3RD TSP	+16.05
27	69	7/93 RFO	Bobbin IDI	40		11.87	TE-HL	+7.94
		7/93 RFO	Bobbin IDI	40		12.16	TE-HL	+7.01
27	74	7/93 RFO	C/L Special Int VOL			0.66	20TH TSP	+7.08
27	77	7/93 RFO	Bobbin IDI	40		3.50	TE-HL	+11.48
		7/93 RFO	H/L Special Int MAI			2.78	TE-HL	+3.95
		7/93 RFO	H/L Special Int SAI			3.38	TE-HL	+11.49
27	80	7/93 RFO	H/L Tubesheet SAI			0.68	TTS-HL	+0.00
27	96	7/93 RFO	Bobbin IDI	40		2.48	TE-HL	+4.25
27	101	7/93 RFO	Bobbin IDI	40		13.87	TE-HL	+15.16
27	103	7/93 RFO	C/L Special Int VOL			0.36	12TH TSP	+18.37
28	32	7/93 RFO	Bobbin ODI	10		2.09	22ND TSP	+16.60
		7/93 RFO	C/L Special Int VOL			0.75	22ND TSP	+17.04
28	49	7/93 RFO	C/L Special Int VOL			0.78	20TH TSP	+6.66
28	52	7/93 RFO	C/L Special Int VOL			0.36	15TH TSP	+4.19
		7/93 RFO	C/L Special Int VOL			0.46	17TH TSP	+5.76
		7/93 RFO	C/L Special Int VOL			0.57	15TH TSP	+6.18
28	57	7/93 RFO	C/L Special Int VOL			0.77	11TH TSP	-8.14
29	24	7/93 RFO	C/L Special Int VOL			0.46	10TH TSP	+11.14
29	30	7/93 RFO	Bobbin ODI	16		3.41	TTS-CL	+3.79
		7/93 RFO	C/L Special Int VOL			0.82	TTS-CL	+3.44
29	48	7/93 RFO	C/L Special Int VOL			0.34	10TH TSP	+11.47
		7/93 RFO	C/L Special Int VOL			0.61	10TH TSP	+18.00
29	49	7/93 RFO	Bobbin NQI			7.67	9TH TSP	+7.33
29	65	7/93 RFO	C/L Special Int VOL			0.68	10TH TSP	+2.57
29	68	7/93 RFO	C/L Special Int VOL			0.79	19TH TSP	+2.58
30	11	7/93 RFO	C/L Special Int VOL			1.01	TTS-CL	+5.25
30	13	7/93 RFO	Bobbin WAR	13		0.99	1AVB	+0.00
30	14	7/93 RFO	Bobbin NQI			0.74	TTS-HL	+2.13
30	15	7/93 RFO	C/L Special Int VOL			2.04	20TH TSP	+4.07
30	19	7/93 RFO	C/L Special Int VOL			0.79	11TH TSP	+14.91
30	22	7/93 RFO	C/L Special Int VOL			0.45	12TH TSP	+2.88
30	27	7/93 RFO	Bobbin ADI			5.53	10TH TSP	+18.68
		7/93 RFO	C/L Special Int VOL			0.67	10TH TSP	+18.38
30	35	7/93 RFO	C/L Special Int VOL			0.45	10TH TSP	+7.30
30	43	7/93 RFO	C/L Special Int VOL			1.26	22ND TSP	+9.20
30	45	7/93 RFO	C/L Special Int VOL			0.43	15TH TSP	+5.49
30	57	7/93 RFO	Bobbin ADI			5.26	6TH TSP	+37.19
		7/93 RFO	Bobbin ADI			5.88	7TH TSP	+6.93
		7/93 RFO	Bobbin ADI			2.40	10TH TSP	+8.31
		7/93 RFO	H/L Special Int VOL			0.91	7TH TSP	-7.87
		7/93 RFO	H/L Special Int VOL			1.12	7TH TSP	+7.30
		7/93 RFO	C/L Special Int VOL			0.41	10TH TSP	+8.04
30	68	7/93 RFO	C/L Special Int VOL			0.59	13TH TSP	+16.97
		7/93 RFO	C/L Special Int VOL			0.77	13TH TSP	+16.23
30	69	7/93 RFO	C/L Special Int VOL			0.40	10TH TSP	+2.42
30	77	7/93 RFO	Bobbin IDI	40		10.32	TE-HL	+13.67
30	78	7/93 RFO	Bobbin IDI	40		43.99	TE-HL	+16.36
31	26	7/93 RFO	C/L Special Int VOL			0.87	12TH TSP	+26.34
31	37	7/93 RFO	Bobbin ADI			9.70	TTS-HL	+6.60
		7/93 RFO	H/L Special Int VOL			1.36	1ST TSP	-2.80
31	74	7/93 RFO	C/L Special Int VOL			0.45	12TH TSP	+29.38
31	83	7/93 RFO	Bobbin ODI	40		0.70	20TH TSP	+1.63
		7/93 RFO	C/L Special Int SAI			0.33	20TH TSP	+1.74
31	101	7/93 RFO	Bobbin IDI	40		8.26	TE-HL	+5.84
31	102	7/93 RFO	Bobbin IDI	40		6.97	TE-HL	+9.15
32	14	7/93 RFO	Bobbin NQI			0.83	12TH TSP	+36.12

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int VOL			0.49	12TH TSP	+21.52
		7/93 RFO	C/L Special Int VOL			0.76	12TH TSP	+36.15
32	17	7/93 RFO	C/L Special Int VOL			0.85	22ND TSP	+2.51
32	39	7/93 RFO	C/L Special Int VOL			0.96	10TH TSP	-9.35
32	43	7/93 RFO	Bobbin ADI			7.04	3RD TSP	+25.19
		7/93 RFO	H/L Special Int VOL			0.27	4TH TSP	-18.90
32	52	7/93 RFO	C/L Special Int VOL			0.57	13TH TSP	+16.37
32	54	7/93 RFO	Bobbin ADI			2.03	5TH TSP	+11.68
32	57	7/93 RFO	Bobbin ODI	25		0.46	1ST TSP	+0.73
		7/93 RFO	H/L Special Int VOL			0.10	1ST TSP	+0.58
		7/93 RFO	H/L Special Int VOL			0.51	1ST TSP	+0.68
32	66	7/93 RFO	Bobbin ODI	12		1.01	6TH TSP	+16.34
		7/93 RFO	Bobbin ODI	31		7.15	18TH TSP	+6.33
		7/93 RFO	H/L Special Int VOL			0.95	6TH TSP	+16.46
		7/93 RFO	C/L Special Int VOL			1.28	18TH TSP	+6.24
32	70	7/93 RFO	Bobbin ADI			5.17	4TH TSP	+6.66
		7/93 RFO	H/L Special Int VOL			1.20	4TH TSP	+6.17
33	19	7/93 RFO	Bobbin ADI			6.95	3AVB	-6.70
33	30	7/93 RFO	Bobbin NQI			0.61	9TH TSP	-6.88
		7/93 RFO	Bobbin NQI			1.25	10TH TSP	+36.76
33	67	7/93 RFO	Bobbin ODI	12		0.73	7TH TSP	+35.67
		7/93 RFO	H/L Special Int VOL			0.79	8TH TSP	-8.28
33	85	7/93 RFO	C/L Special Int VOL			0.67	11TH TSP	+19.14
33	87	7/93 RFO	C/L Special Int VOL			0.62	11TH TSP	+32.00
34	55	7/93 RFO	C/L Special Int VOL			0.71	16TH TSP	+7.43
34	68	7/93 RFO	Bobbin NQI			0.48	3RD TSP	+29.02
		7/93 RFO	Bobbin NQI			0.95	3RD TSP	+30.34
		7/93 RFO	H/L Special Int VOL			0.26	4TH TSP	-14.05
		7/93 RFO	H/L Special Int VOL			0.41	4TH TSP	-14.57
34	69	7/93 RFO	Bobbin NQI			1.05	8TH TSP	+13.83
		7/93 RFO	U-Bend VOL			0.42	8TH TSP	+12.39
34	72	7/93 RFO	Bobbin NQI			0.96	4AVB	-7.37
34	76	7/93 RFO	Bobbin NQI			0.53	2ND TSP	+18.77
		7/93 RFO	H/L Special Int VOL			0.24	3RD TSP	-6.05
		7/93 RFO	H/L Special Int VOL			0.71	3RD TSP	-10.38
		7/93 RFO	H/L Special Int VOL			0.74	3RD TSP	-11.41
34	80	7/93 RFO	Bobbin IDI	40		14.97	TE-HL	+7.70
		7/93 RFO	Bobbin IDI	40		47.45	TE-HL	+10.29
35	29	7/93 RFO	Bobbin ADI			4.26	22ND TSP	+16.67
		7/93 RFO	C/L Special Int VOL			0.39	22ND TSP	+16.68
35	35	7/93 RFO	C/L Special Int VOL			0.46	22ND TSP	+17.81
35	38	7/93 RFO	Bobbin NQI			0.53	14TH TSP	+4.55
		7/93 RFO	C/L Special Int VOL			0.34	14TH TSP	+5.01
35	39	7/93 RFO	Bobbin ODI	14		2.32	6TH TSP	+35.96
		7/93 RFO	H/L Special Int VOL			0.82	7TH TSP	-8.66
35	62	7/93 RFO	H/L Tubesheet VOL			0.37	TTS-HL	+1.24
35	85	7/93 RFO	Bobbin ADI			2.30	7TH TSP	+8.62
		7/93 RFO	Bobbin ODI	23		1.53	7TH TSP	+4.13
		7/93 RFO	H/L Special Int VOL			0.62	7TH TSP	+8.50
		7/93 RFO	H/L Special Int VOL			0.94	7TH TSP	+4.76
35	98	7/93 RFO	C/L Special Int VOL			0.45	10TH TSP	-13.39
36	22	7/93 RFO	Bobbin ADI			2.56	18TH TSP	+6.32
		7/93 RFO	C/L Special Int VOL			0.61	18TH TSP	+6.65
36	59	7/93 RFO	U-Bend VOL			0.24	3AVB	+0.00
		7/93 RFO	Bobbin WAR	20		1.98	3AVB	+0.00
36	60	7/93 RFO	U-Bend VOL			0.92	1AVB	+0.00
		7/93 RFO	Bobbin WAR	25		2.73	1AVB	+0.00
36	70	7/93 RFO	Bobbin ODI	8		2.06	6TH TSP	+40.13
		7/93 RFO	H/L Special Int VOL			0.80	7TH TSP	-4.73
36	77	7/93 RFO	H/L Tubesheet SAL			0.44	TTS-HL	+0.00
36	83	7/93 RFO	Bobbin ADI			3.91	10TH TSP	+20.70
		7/93 RFO	Bobbin ADI			5.14	11TH TSP	+17.27
		7/93 RFO	Bobbin ODI	26		1.58	10TH TSP	+14.46
		7/93 RFO	C/L Special Int VOL			0.45	10TH TSP	+14.35
		7/93 RFO	C/L Special Int VOL			0.48	10TH TSP	+20.66

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+5.46
		7/93 RFO	C/L Special Int	VOL		0.94	11TH TSP	+17.40
36	85	7/93 RFO	Bobbin	ODI	9	0.82	2ND TSP	+18.32
36	92	7/93 RFO	Bobbin	IDI	40	7.74	TE-HL	+9.10
36	94	7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	-17.51
37	17	7/93 RFO	Bobbin	WAR	10	0.56	3AVE	+0.00
37	19	7/93 RFO	Bobbin	ODI	9	2.65	12TH TSP	+10.06
		7/93 RFO	C/L Special Int	VOL		1.13	12TH TSP	+10.06
37	38	7/93 RFO	C/L Special Int	VOL		2.25	11TH TSP	+20.94
37	50	7/93 RFO	Bobbin	NQI		1.63	2ND TSP	+15.47
		7/93 RFO	H/L Special Int	VOL		0.60	3RD TSP	-8.60
37	70	7/93 RFO	Bobbin	ODI	9	1.16	5TH TSP	+7.55
		7/93 RFO	H/L Special Int	VOL		0.84	5TH TSP	+5.11
		7/93 RFO	H/L Special Int	VOL		0.93	5TH TSP	+8.11
		7/93 RFO	H/L Special Int	VOL		0.94	5TH TSP	+6.66
37	85	7/93 RFO	Bobbin	ADI		6.74	5TH TSP	+14.94
		7/93 RFO	H/L Special Int	VOL		1.34	5TH TSP	+15.64
38	29	7/93 RFO	C/L Special Int	VOL		0.64	15TH TSP	+3.72
		7/93 RFO	C/L Special Int	VOL		0.73	17TH TSP	+9.41
		7/93 RFO	C/L Special Int	VOL		0.86	18TH TSP	+18.31
38	32	7/93 RFO	C/L Special Int	VOL		1.07	19TH TSP	+1.78
		7/93 RFO	C/L Special Int	VOL		2.30	18TH TSP	+2.34
		7/93 RFO	C/L Special Int	VOL		2.34	19TH TSP	+2.87
		7/93 RFO	C/L Special Int	VOL		2.42	20TH TSP	+5.14
		7/93 RFO	C/L Special Int	VOL		3.77	19TH TSP	+0.44
38	36	7/93 RFO	Bobbin	WAR	10	0.56	2AVE	+0.00
38	43	7/93 RFO	Bobbin	ODI	8	1.07	13TH TSP	+11.29
		7/93 RFO	Bobbin	ODI	24	2.98	13TH TSP	+1.91
		7/93 RFO	C/L Special Int	VOL		2.01	17TH TSP	+2.20
		7/93 RFO	C/L Special Int	VOL		2.23	13TH TSP	+10.96
		7/93 RFO	C/L Special Int	VOL		2.31	18TH TSP	+13.67
		7/93 RFO	C/L Special Int	VOL		4.49	22ND TSP	+6.87
		7/93 RFO	C/L Special Int	VOL		4.76	13TH TSP	+1.51
38	44	7/93 RFO	Bobbin	ADI		3.79	10TH TSP	+21.34
		7/93 RFO	C/L Special Int	VOL		2.05	10TH TSP	+21.33
		7/93 RFO	C/L Special Int	VOL		2.26	15TH TSP	+7.80
		7/93 RFO	C/L Special Int	VOL		2.52	15TH TSP	+4.39
38	57	7/93 RFO	C/L Special Int	VOL		3.20	10TH TSP	+19.70
38	59	7/93 RFO	U-Bend	VOL		0.76	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	24	2.52	1AVE	+0.00
38	60	7/93 RFO	Bobbin	ODI	19	0.46	3RD TSP	+7.83
		7/93 RFO	H/L Special Int	VOL		0.18	3RD TSP	+8.07
38	62	7/93 RFO	U-Bend	VOL		0.74	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	21	2.12	1AVE	+0.00
38	64	7/93 RFO	U-Bend	VOL		0.69	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	11	0.98	1AVE	+0.00
38	71	7/93 RFO	Bobbin	ODI	24	3.59	11TH TSP	+12.07
		7/93 RFO	C/L Special Int	VOL		1.39	11TH TSP	+12.14
38	80	7/93 RFO	Bobbin	ODI	22	4.96	12TH TSP	+36.94
		7/93 RFO	C/L Special Int	VOL		1.18	11TH TSP	-8.01
38	87	7/93 RFO	Bobbin	WAR	21	2.10	3AVE	+0.00
38	92	7/93 RFO	Bobbin	ADI		3.36	1ST TSP	+17.28
		7/93 RFO	H/L Special Int	VOL		0.67	1ST TSP	+17.05
38	94	7/93 RFO	Bobbin	IDI	40	1.00	TE-HL	+11.40
		7/93 RFO	Bobbin	ADI		5.34	7TH TSP	+32.57
		7/93 RFO	Bobbin	ODI	25	1.05	6TH TSP	+42.85
		7/93 RFO	H/L Special Int	VOL		0.59	7TH TSP	-1.18
		7/93 RFO	H/L Special Int	VOL		1.19	8TH TSP	-12.42
38	95	7/93 RFO	Bobbin	IDI	40	19.92	TE-HL	+11.09
39	59	7/93 RFO	Bobbin	ODI	16	1.09	4TH TSP	+24.75
		7/93 RFO	H/L Special Int	VOL		0.92	4TH TSP	+25.57
39	60	7/93 RFO	H/L Tubesheet	VOL		0.22	TTS-HL	-3.27
39	74	7/93 RFO	C/L Special Int	VOL		0.35	9TH TSP	-8.48
		7/93 RFO	C/L Special Int	VOL		0.37	9TH TSP	-3.78
39	79	7/93 RFO	C/L Special Int	VOL		0.32	17TH TSP	+7.95

BWNT TUBAN II (Version 2.1) 09/12/1994 16:29:17

McGuire Nuclear Station - Unit Two

S/C B

7/93 RFO

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

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ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
39	87	7/93 RFO	Bobbin	ADI		8.81	13TH TSP	+6.28
		7/93 RFO	C/L Special Int	VOL		0.32	14TH TSP	+3.95
		7/93 RFO	C/L Special Int	VOL		0.93	13TH TSP	+5.88
40	21	7/93 RFO	C/L Special Int	VOL		2.83	20TH TSP	+1.68
		7/93 RFO	C/L Special Int	VOL		3.72	19TH TSP	+2.52
40	24	7/93 RFO	C/L Special Int	VOL		0.31	11TH TSP	-4.14
40	28	7/93 RFO	C/L Special Int	VOL		1.57	11TH TSP	+5.69
		7/93 RFO	C/L Special Int	VOL		3.32	11TH TSP	-10.60
		7/93 RFO	C/L Special Int	VOL		3.57	11TH TSP	-7.43
		7/93 RFO	C/L Special Int	VOL		3.76	11TH TSP	-9.00
40	29	7/93 RFO	C/L Special Int	VOL		0.39	12TH TSP	+14.60
		7/93 RFO	C/L Special Int	VOL		3.16	12TH TSP	+8.09
		7/93 RFO	C/L Special Int	VOL		4.02	12TH TSP	+11.69
40	59	7/93 RFO	U-Bend	VOL		0.94	2AVB	+0.00
		7/93 RFO	U-Bend	VOL		0.44	1AVB	+0.00
		7/93 RFO	Bobbin	ODI	7	0.55	1AVB	+0.00
		7/93 RFO	Bobbin	ODI	40	5.56	2AVB	+0.00
40	62	7/93 RFO	Bobbin	WAR	15	1.43	2AVB	+0.00
40	63	7/93 RFO	Bobbin	WAR	10	0.86	1AVB	+0.00
40	66	7/93 RFO	Bobbin	WAR	23	2.38	1AVB	+0.00
41	20	7/93 RFO	C/L Special Int	VOL		2.43	20TH TSP	+5.67
41	22	7/93 RFO	Bobbin	NQI		1.49	5TH TSP	+6.60
		7/93 RFO	H/L Special Int	VOL		0.72	5TH TSP	+6.67
41	25	7/93 RFO	Bobbin	IDI	40	7.46	TE-HL	+14.91
41	30	7/93 RFO	H/L Tubesheet	SAI		2.57	TTS-HL	-2.62
41	32	7/93 RFO	Bobbin	WAR	18	3.62	2AVB	+0.00
41	38	7/93 RFO	Bobbin	NQI		0.44	12TH TSP	+0.34
41	39	7/93 RFO	Bobbin	ADI		6.83	5TH TSP	+41.95
		7/93 RFO	H/L Special Int	VOL		0.84	6TH TSP	-2.39
41	40	7/93 RFO	U-Bend	VOL		0.75	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	17	1.20	1AVB	+0.00
41	43	7/93 RFO	Bobbin	ADI		5.32	3RD TSP	+22.73
		7/93 RFO	H/L Special Int	VOL		0.81	3RD TSP	+23.18
41	49	7/93 RFO	U-Bend	VOL		0.43	2AVB	+0.00
		7/93 RFO	U-Bend	VOL		0.53	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	15	1.11	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	17	1.29	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	2.36	2AVB	+0.00
41	55	7/93 RFO	Bobbin	WAR	20	1.55	1AVB	+0.00
41	59	7/93 RFO	Bobbin	WAR	14	1.17	1AVB	+0.00
41	62	7/93 RFO	U-Bend	VOL		1.71	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	12	0.66	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	20	1.20	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	1.90	1AVB	+0.00
41	71	7/93 RFO	Bobbin	NQI		1.29	1ST TSP	+12.61
		7/93 RFO	H/L Special Int	VOL		0.94	1ST TSP	+13.08
41	72	7/93 RFO	Bobbin	ADI		3.91	4TH TSP	+7.48
41	74	7/93 RFO	Bobbin	ADI		8.60	8TH TSP	+11.53
		7/93 RFO	U-Bend	VOL		0.80	8TH TSP	+10.77
42	33	7/93 RFO	C/L Special Int	VOL		6.04	15TH TSP	+16.98
42	48	7/93 RFO	Bobbin	IDI	40	5.28	TE-HL	+7.33
		7/93 RFO	Bobbin	NQI		0.29	3RD TSP	+0.00
42	53	7/93 RFO	Bobbin	WAR	11	0.66	1AVB	+0.00
42	54	7/93 RFO	Bobbin	IDI	40	41.79	TTS-HL	-0.10
		7/93 RFO	H/L Tubesheet	MAI		1.62	TTS-HL	+0.01
42	55	7/93 RFO	Bobbin	WAR	23	1.88	1AVB	+0.00
42	57	7/93 RFO	Bobbin	WAR	3	0.51	17TH TSP	-0.19
		7/93 RFO	C/L Special Int	VOL		0.31	17TH TSP	+0.00
42	82	7/93 RFO	Bobbin	IDI	40	7.75	TE-HL	+5.86
43	27	7/93 RFO	Bobbin	NQI		0.84	2ND TSP	+0.11
43	28	7/93 RFO	Bobbin	ADI		1.99	6TH TSP	+39.30
43	34	7/93 RFO	Bobbin	WAR	19	1.37	2AVB	+0.00
43	37	7/93 RFO	Bobbin	WAR	6	2.13	1AVB	+0.00
43	38	7/93 RFO	C/L Special Int	VOL		5.51	17TH TSP	+2.63
43	41	7/93 RFO	Bobbin	WAR	8	0.66	1AVB	+0.00

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
43	49	7/93 RFO	Bobbin	ODI	35	0.86	10TH TSP	+12.61
		7/93 RFO	C/L Special Int	VOL		8.60	10TH TSP	+13.02
43	50	7/93 RFO	Bobbin	WAR	15	0.95	1AVB	+0.00
43	56	7/93 RFO	Bobbin	WAR	12	0.72	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	13	0.83	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	18	1.28	2AVB	+0.00
43	57	7/93 RFO	Bobbin	WAR	10	1.86	17TH TSP	-0.08
		7/93 RFO	C/L Special Int	VOL		0.65	17TH TSP	+0.00
43	63	7/93 RFO	Bobbin	ADI		2.75	17TH TSP	+13.99
		7/93 RFO	Bobbin	ADI		3.94	15TH TSP	+11.22
		7/93 RFO	C/L Special Int	VOL		0.53	17TH TSP	+13.44
		7/93 RFO	C/L Special Int	VOL		0.97	15TH TSP	+10.77
43	71	7/93 RFO	Bobbin	IDI	40	14.54	TE-HL	+9.56
43	77	7/93 RFO	Bobbin	IDI	40	12.86	TE-HL	+13.75
		7/93 RFO	H/L Special Int	MAI		1.53	TTS-HL	-8.93
		7/93 RFO	H/L Special Int	MAI		4.42	TTS-HL	-4.78
		7/93 RFO	H/L Special Int	MAI		5.21	TTS-HL	-7.02
		7/93 RFO	H/L Special Int	SAI		1.79	TTS-HL	-6.00
43	85	7/93 RFO	Bobbin	NQI		1.08	4TH TSP	+36.61
		7/93 RFO	H/L Special Int	VOL		0.88	5TH TSP	-8.26
43	86	7/93 RFO	C/L Special Int	VOL		0.57	12TH TSP	+8.50
		7/93 RFO	C/L Special Int	VOL		0.62	12TH TSP	+6.58
43	87	7/93 RFO	Bobbin	ODI	10	2.97	5TH TSP	+30.31
		7/93 RFO	H/L Special Int	VOL		1.18	6TH TSP	-13.72
44	37	7/93 RFO	C/L Special Int	VOL		2.27	20TH TSP	+6.87
44	38	7/93 RFO	Bobbin	ADI		1.76	7TH TSP	+4.26
		7/93 RFO	H/L Special Int	VOL		0.45	7TH TSP	+0.55
		7/93 RFO	H/L Special Int	VOL		1.43	7TH TSP	+4.30
44	41	7/93 RFO	U-Bend	VOL		2.57	3AVB	-4.08
		7/93 RFO	Bobbin	ADI		6.28	3AVB	-3.79
44	43	7/93 RFO	Bobbin	WAR	10	0.54	1AVB	+0.00
44	44	7/93 RFO	Bobbin	ODI	21	1.52	10TH TSP	+16.60
		7/93 RFO	C/L Special Int	VOL		2.01	10TH TSP	+17.12
44	64	7/93 RFO	Bobbin	ODI	18	1.52	5TH TSP	+32.65
		7/93 RFO	H/L Special Int	VOL		0.64	6TH TSP	-12.25
45	32	7/93 RFO	Bobbin	NQI		30.01	TTS-HL	+4.92
45	66	7/93 RFO	Bobbin	ADI		1.81	10TH TSP	+38.75
		7/93 RFO	Bobbin	ODI	14	1.19	9TH TSP	+3.98
		7/93 RFO	Bobbin	ODI	5	1.31	10TH TSP	+39.89
		7/93 RFO	C/L Special Int	VOL		0.60	9TH TSP	-4.30
46	38	7/93 RFO	C/L Special Int	VOL		0.87	12TH TSP	+6.74
		7/93 RFO	C/L Special Int	VOL		1.04	10TH TSP	-1.64
		7/93 RFO	C/L Special Int	VOL		1.06	10TH TSP	-4.21
		7/93 RFO	C/L Special Int	VOL		1.10	10TH TSP	-6.13
46	44	7/93 RFO	U-Bend	VOL		0.91	3AVB	-19.55
		7/93 RFO	Bobbin	NQI		0.82	3AVB	-19.76
46	50	7/93 RFO	Bobbin	WAR	17	3.51	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.96	17TH TSP	+0.00
46	51	7/93 RFO	Bobbin	ADI		4.85	3RD TSP	+22.34
		7/93 RFO	Bobbin	ADI		5.16	3RD TSP	+17.72
		7/93 RFO	Bobbin	NQI		1.15	3RD TSP	+14.06
		7/93 RFO	Bobbin	WAR	9	1.78	15TH TSP	+0.00
		7/93 RFO	H/L Special Int	VOL		0.48	3RD TSP	+22.78
		7/93 RFO	H/L Special Int	VOL		0.58	3RD TSP	+17.78
		7/93 RFO	H/L Special Int	VOL		1.11	3RD TSP	+14.59
		7/93 RFO	C/L Special Int	VOL		0.58	15TH TSP	+0.00
46	56	7/93 RFO	Bobbin	NQI		0.34	3RD TSP	+0.00
46	57	7/93 RFO	Bobbin	WAR	5	0.80	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.90	17TH TSP	-0.21
46	59	7/93 RFO	Bobbin	WAR	32	7.25	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		2.43	17TH TSP	+0.00
46	60	7/93 RFO	Bobbin	ODI	11	0.53	17TH TSP	-0.11
46	62	7/93 RFO	C/L Special Int	VOL		0.26	10TH TSP	+30.81
		7/93 RFO	C/L Special Int	VOL		1.15	10TH TSP	+29.13
		7/93 RFO	C/L Special Int	VOL		1.16	10TH TSP	+28.12

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
46	65	7/93 RFO	Bobbin	ADI		4.46	4TH TSP	+39.19
		7/93 RFO	H/L Special Int	VOL		1.04	5TH TSP	-6.36
46	73	7/93 RFO	Bobbin	WAR	4	0.75	17TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	4	0.75	17TH TSP	+0.39
46	76	7/93 RFO	Bobbin	ODI	20	2.18	6TH TSP	+42.93
		7/93 RFO	H/L Special Int	VOL		0.68	7TH TSP	-5.25
		7/93 RFO	H/L Special Int	VOL		0.98	7TH TSP	-4.03
		7/93 RFO	H/L Special Int	VOL		1.08	7TH TSP	+0.32
		7/93 RFO	H/L Special Int	VOL		1.61	7TH TSP	-1.10
46	77	7/93 RFO	Bobbin	ODI	18	1.66	4TH TSP	+27.79
		7/93 RFO	H/L Special Int	VOL		0.97	4TH TSP	+27.08
46	82	7/93 RFO	Bobbin	ADI		2.37	13TH TSP	+11.64
47	49	7/93 RFO	Bobbin	WAR	12	1.97	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.64	17TH TSP	+0.00
47	51	7/93 RFO	Bobbin	WAR	10	1.75	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.45	17TH TSP	+0.00
47	53	7/93 RFO	Bobbin	WAR	10	1.67	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.43	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.48	11TH TSP	+7.38
47	54	7/93 RFO	Bobbin	WAR	24	4.64	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.20	17TH TSP	+0.00
47	55	7/93 RFO	Bobbin	WAR	4	0.70	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.29	17TH TSP	+0.00
47	62	7/93 RFO	Bobbin	WAR	10	1.88	17TH TSP	-0.27
		7/93 RFO	C/L Special Int	VOL		1.50	17TH TSP	+0.00
47	63	7/93 RFO	Bobbin	WAR	9	1.47	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.24	17TH TSP	+0.00
47	64	7/93 RFO	Bobbin	WAR	8	1.56	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.66	17TH TSP	+0.00
47	74	7/93 RFO	Bobbin	ADI		4.55	10TH TSP	+20.55
		7/93 RFO	C/L Special Int	VOL		0.56	10TH TSP	+19.88
48	49	7/93 RFO	Bobbin	WAR	11	1.79	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.56	17TH TSP	+0.00
48	53	7/93 RFO	Bobbin	WAR	16	2.87	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.89	17TH TSP	+0.00
48	54	7/93 RFO	Bobbin	NQI		1.48	2ND TSP	+17.30
		7/93 RFO	Bobbin	WAR	12	1.94	17TH TSP	+0.00
		7/93 RFO	H/L Special Int	VOL		1.50	2ND TSP	+17.84
		7/93 RFO	C/L Special Int	VOL		0.78	17TH TSP	+0.00
48	55	7/93 RFO	Bobbin	WAR	8	1.37	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.50	17TH TSP	+0.00
48	56	7/93 RFO	Bobbin	WAR	11	1.91	17TH TSP	+0.00
48	58	7/93 RFO	Bobbin	WAR	10	1.70	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		1.25	17TH TSP	+0.00
48	60	7/93 RFO	Bobbin	NQI		0.62	17TH TSP	-0.14
		7/93 RFO	C/L Special Int	VOL		0.67	17TH TSP	+0.00
48	61	7/93 RFO	Bobbin	WAR	13	2.15	17TH TSP	+0.00
		7/93 RFO	Bobbin	WAR	16	2.86	20TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.51	17TH TSP	+0.00
48	62	7/93 RFO	Bobbin	ODI	13	0.42	17TH TSP	-0.08
48	64	7/93 RFO	Bobbin	NQI		0.78	6TH TSP	+40.18
		7/93 RFO	Bobbin	NQI		0.79	7TH TSP	+7.14
		7/93 RFO	H/L Special Int	VOL		0.56	7TH TSP	-3.88
		7/93 RFO	H/L Special Int	VOL		1.10	7TH TSP	+7.62
48	65	7/93 RFO	Bobbin	WAR	13	2.38	17TH TSP	+0.30
		7/93 RFO	C/L Special Int	VOL		0.78	17TH TSP	+0.00
48	68	7/93 RFO	Bobbin	ODI	21	0.82	7TH TSP	+34.67
		7/93 RFO	H/L Special Int	VOL		0.63	8TH TSP	-9.86
48	71	7/93 RFO	Bobbin	NQI		1.11	10TH TSP	+22.35
		7/93 RFO	C/L Special Int	VOL		0.59	10TH TSP	+21.36
48	82	7/93 RFO	Bobbin	ADI		3.89	10TH TSP	+8.79
		7/93 RFO	C/L Special Int	VOL		0.70	10TH TSP	+8.79
49	42	7/93 RFO	H/L Special Int	VOL		1.64	1ST TSP	+11.87
49	49	7/93 RFO	Bobbin	WAR	12	1.97	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.75	17TH TSP	+0.00

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #2 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	ΔTW	VOLTS	LOCATION	EXTENT1
49	51	7/93 RFO	Bobbin	WAR	22	4.26	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.75	17TH TSP	+0.00 17TH TSP
49	52	7/93 RFO	U-Bend	VOL		3.01	4AVB	+0.00 4AVB
		7/93 RFO	Bobbin	WAR	12	2.02	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.08	17TH TSP	+0.00 17TH TSP
49	55	7/93 RFO	Bobbin	WAR	13	2.29	17TH TSP	+0.00 9TH TSP
49	56	7/93 RFO	Bobbin	WAR	5	0.88	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.69	17TH TSP	+0.00 17TH TSP
49	57	7/93 RFO	Bobbin	WAR	12	2.03	13TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	12	2.09	15TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.58	15TH TSP	+0.00 15TH TSP
		7/93 RFO	C/L Special Int	VOL		0.61	13TH TSP	+0.00 13TH TSP
49	60	7/93 RFO	Bobbin	WAR	8	1.32	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.52	17TH TSP	+0.00 17TH TSP
49	70	7/93 RFO	Bobbin	WAR	8	1.52	18TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.58	18TH TSP	+0.00 18TH TSP
49	79	7/93 RFO	Bobbin	ADI		4.21	11TH TSP	+21.36 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.88	11TH TSP	+20.78 11TH TSP

Total Indications Found = 798

Total Tubes Found = 436

BWNT TUHAN II (Version 2.1) 09/12/1994 16:37:30

McGuire Nuclear Station - Unit Two

S/G C

7/93 RFO

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

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ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

CRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
2	7	7/93 RFO	Bobbin	ODI	6	5.86	2ND TSP	+2.03
		7/93 RFO	H/L Special Int	VOL		1.27	2ND TSP	+1.97
2	19	7/93 RFO	Bobbin	ADI		3.18	4TH TSP	+27.14
		7/93 RFO	H/L Special Int	VOL		0.83	5TH TSP	-18.49
2	39	7/93 RFO	Bobbin	IDI	40	18.17	TE-HL	+4.03
2	48	7/93 RFO	Bobbin	IDI	40	15.62	TE-HL	+14.13
2	50	7/93 RFO	C/L Special Int	VOL		0.79	10TH TSP	+23.65
2	51	7/93 RFO	Bobbin	IDI	40	3.04	TE-HL	+15.53
		7/93 RFO	Bobbin	IDI	40	9.42	TE-HL	+9.29
2	53	7/93 RFO	Bobbin	ADI		4.30	14TH TSP	+2.49
		7/93 RFO	Bobbin	ADI		6.77	14TH TSP	+2.57
		7/93 RFO	C/L Special Int	VOL		0.74	14TH TSP	+2.27
2	54	7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+4.47
		7/93 RFO	C/L Special Int	VOL		0.36	19TH TSP	+15.78
2	56	7/93 RFO	Bobbin	ADI		4.50	2ND TSP	+18.38
		7/93 RFO	Bobbin	ADI		4.91	2ND TSP	+18.08
		7/93 RFO	H/L Special Int	VOL		0.61	2ND TSP	+18.08
		7/93 RFO	C/L Special Int	VOL		0.45	19TH TSP	+2.28
		7/93 RFO	C/L Special Int	VOL		1.13	14TH TSP	-1.49
2	60	7/93 RFO	C/L Special Int	VOL		0.25	12TH TSP	+20.38
2	62	7/93 RFO	C/L Special Int	VOL		0.23	19TH TSP	+24.06
2	64	7/93 RFO	Bobbin	ADI		0.81	2ND TSP	+5.19
		7/93 RFO	Bobbin	ADI		4.23	2ND TSP	+5.24
		7/93 RFO	Bobbin	ADI		3.10	22ND TSP	+10.15
		7/93 RFO	Bobbin	ADI		4.02	11TH TSP	+13.73
		7/93 RFO	Bobbin	ADI		5.04	12TH TSP	+12.42
		7/93 RFO	H/L Tubesheet	VOL		1.13	TTS-HL	+2.77
		7/93 RFO	H/L Special Int	VOL		0.56	2ND TSP	+5.07
		7/93 RFO	C/L Special Int	VOL		0.33	22ND TSP	+10.15
		7/93 RFO	C/L Special Int	VOL		0.37	16TH TSP	+8.15
		7/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	-3.07
		7/93 RFO	C/L Special Int	VOL		0.80	12TH TSP	+12.60
2	67	7/93 RFO	C/L Special Int	VOL		0.22	12TH TSP	-4.54
2	73	7/93 RFO	Bobbin	ADI		3.80	7TH TSP	+35.26
		7/93 RFO	Bobbin	ADI		3.94	7TH TSP	+35.11
		7/93 RFO	C/L Special Int	VOL		0.20	14TH TSP	+6.49
2	76	7/93 RFO	H/L Tubesheet	SAI		1.75	TTS-HL	-4.41
2	92	7/93 RFO	Bobbin	ADI		4.79	17TH TSP	+4.16
2	107	7/93 RFO	Bobbin	IDI	40	29.78	TE-HL	+3.16
2	113	7/93 RFO	C/L Special Int	VOL		0.83	11TH TSP	+22.42
3	9	7/93 RFO	Bobbin	ADI		7.62	21ST TSP	+14.33
		7/93 RFO	C/L Special Int	VOL		0.36	21ST TSP	+7.85
		7/93 RFO	C/L Special Int	VOL		0.56	21ST TSP	+13.03
3	14	7/93 RFO	Bobbin	IDI	40	2.50	TE-HL	+11.59
3	33	7/93 RFO	Bobbin	NQI		4.17	13TH TSP	+14.46
		7/93 RFO	Bobbin	NQI		4.22	13TH TSP	+14.19
		7/93 RFO	Bobbin	NQI		4.50	13TH TSP	+15.99
		7/93 RFO	Bobbin	NQI		4.57	13TH TSP	+15.81
		7/93 RFO	Bobbin	NQI		4.89	12TH TSP	+1.31
		7/93 RFO	Bobbin	NQI		5.18	13TH TSP	+11.62
		7/93 RFO	Bobbin	NQI		5.23	12TH TSP	+1.36
		7/93 RFO	Bobbin	NQI		5.38	13TH TSP	+11.75
		7/93 RFO	Bobbin	NQI		5.39	11TH TSP	+23.35
		7/93 RFO	Bobbin	NQI		5.44	11TH TSP	+23.14
		7/93 RFO	Bobbin	NQI		9.46	13TH TSP	+19.50
		7/93 RFO	Bobbin	NQI		9.72	13TH TSP	+19.67
		7/93 RFO	Bobbin	NQI		14.46	13TH TSP	+9.99
		7/93 RFO	Bobbin	NQI		14.46	13TH TSP	+9.99
		7/93 RFO	Bobbin	NQI		14.85	13TH TSP	+10.06
3	34	7/93 RFO	Bobbin	IDI	40	2.61	TE-HL	+15.20
		7/93 RFO	H/L Tubesheet	SAI		0.35	TTS-HL	-0.13
3	36	7/93 RFO	C/L Special Int	VOL		1.14	16TH TSP	+5.65
3	42	7/93 RFO	Bobbin	IDI	40	21.80	TE-HL	+14.33
3	43	7/93 RFO	Bobbin	IDI	40	2.09	TE-HL	+17.05
		7/93 RFO	Bobbin	IDI	40	14.38	TE-HL	+15.14

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin	IDI	40	24.80	TE-HL	+13.59
		7/93 RFO	Bobbin	IDI	40	25.76	TE-HL	+14.16
		7/93 RFO	H/L Special Int	MAI		2.66	TE-HL	+14.06
		7/93 RFO	H/L Special Int	MAI		5.73	TE-HL	+15.02
3	44	7/93 RFO	C/L Special Int	VOL		0.51	22ND TSP	+11.19
3	49	7/93 RFO	Bobbin	IDI	40	3.01	TE-HL	+4.60
		7/93 RFO	Bobbin	ADI		2.28	18TH TSP	+10.10
		7/93 RFO	Bobbin	ADI		2.76	18TH TSP	+10.09
		7/93 RFO	C/L Special Int	VOL		0.35	18TH TSP	+4.79
		7/93 RFO	C/L Special Int	VOL		0.36	18TH TSP	+9.84
		7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+21.96
		7/93 RFO	C/L Special Int	VOL		0.47	12TH TSP	+18.92
		7/93 RFO	C/L Special Int	VOL		0.49	12TH TSP	+24.44
		7/93 RFO	C/L Special Int	VOL		0.52	12TH TSP	+17.01
3	55	7/93 RFO	Bobbin	NQI		3.27	22ND TSP	+15.03
		7/93 RFO	Bobbin	NQI		4.29	22ND TSP	+14.89
		7/93 RFO	C/L Special Int	VOL		0.44	22ND TSP	+17.72
		7/93 RFO	C/L Special Int	VOL		0.92	22ND TSP	+15.28
3	75	7/93 RFO	Bobbin	ADI		5.48	4TH TSP	+20.27
		7/93 RFO	H/L Special Int	VOL		0.31	4TH TSP	+18.90
		7/93 RFO	H/L Special Int	VOL		0.56	4TH TSP	+20.53
3	93	7/93 RFO	Bobbin	ADI		5.62	7TH TSP	+21.92
		7/93 RFO	H/L Special Int	VOL		0.94	7TH TSP	+21.32
		7/93 RFO	H/L Special Int	VOL		0.94	7TH TSP	+23.26
3	95	7/93 RFO	Bobbin	IDI	40	18.22	TE-HL	+6.13
3	105	7/93 RFO	Bobbin	ADI		5.82	19TH TSP	+37.22
		7/93 RFO	C/L Special Int	VOL		0.40	16TH TSP	-4.81
		7/93 RFO	C/L Special Int	VOL		0.67	16TH TSP	-3.95
3	106	7/93 RFO	Bobbin	NQI		0.92	4TH TSP	+0.00
4	13	7/93 RFO	C/L Special Int	VOL		0.64	21ST TSP	+10.33
4	41	7/93 RFO	Bobbin	IDI	40	3.16	TE-HL	+9.94
		7/93 RFO	C/L Special Int	VOL		0.44	21ST TSP	+5.32
4	42	7/93 RFO	Bobbin	IDI	40	8.26	TE-HL	+14.05
4	53	7/93 RFO	Bobbin	IDI	40	37.56	TE-HL	+5.27
4	75	7/93 RFO	C/L Special Int	VOL		0.38	16TH TSP	+3.09
4	87	7/93 RFO	Bobbin	ADI		8.13	1ST TSP	+11.08
		7/93 RFO	H/L Special Int	VOL		1.83	1ST TSP	+11.40
4	88	7/93 RFO	Bobbin	IDI	40	26.86	TE-HL	+11.81
4	111	7/93 RFO	C/L Special Int	VOL		0.29	19TH TSP	+21.62
5	6	7/93 RFO	Bobbin	IDI	40	14.39	TE-HL	+10.72
5	8	7/93 RFO	Bobbin	ODI	1	1.12	20TH TSP	+6.44
		7/93 RFO	C/L Special Int	VOL		0.61	20TH TSP	+6.04
5	11	7/93 RFO	Bobbin	IDI	40	16.63	TE-HL	+11.21
5	23	7/93 RFO	Bobbin	ODI	5	0.83	1ST TSP	+16.49
5	24	7/93 RFO	Bobbin	ADI		4.15	3RD TSP	+16.44
		7/93 RFO	Bobbin	ADI		4.15	3RD TSP	+16.44
		7/93 RFO	Bobbin	ADI		7.61	7TH TSP	+5.60
		7/93 RFO	H/L Special Int	VOL		0.47	3RD TSP	+19.67
		7/93 RFO	H/L Special Int	VOL		0.58	3RD TSP	+17.23
		7/93 RFO	H/L Special Int	VOL		1.69	7TH TSP	+5.89
5	26	7/93 RFO	Bobbin	IDI	40	6.63	TE-HL	+10.85
5	27	7/93 RFO	Bobbin	ODI	9	1.39	22ND TSP	+11.44
5	28	7/93 RFO	Bobbin	ODI	31	1.01	11TH TSP	+9.38
		7/93 RFO	C/L Special Int	VOL		1.03	11TH TSP	+8.64
5	31	7/93 RFO	Bobbin	IDI	40	34.15	TE-HL	+1.21
5	32	7/93 RFO	C/L Special Int	VOL		1.02	22ND TSP	+4.81
5	36	7/93 RFO	Bobbin	NQI		1.38	18TH TSP	+17.70
5	37	7/93 RFO	H/L Tubesheet	SAI		0.25	TTS-HL	+0.03
5	49	7/93 RFO	Bobbin	IDI	40	8.73	TE-HL	+10.18
5	57	7/93 RFO	C/L Special Int	VOL		0.55	11TH TSP	+13.89
5	78	7/93 RFO	Bobbin	ADI		5.72	TTS-HL	+5.72
		7/93 RFO	H/L Special Int	VOL		0.67	TTS-HL	+6.07
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+7.38
5	79	7/93 RFO	Bobbin	ADI		4.84	1ST TSP	+14.26
5	80	7/93 RFO	Bobbin	IDI	40	25.12	TE-HL	+16.78

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int MAI			2.88	TE-HL	+12.67
5	95	7/93 RFO	Bobbin NQI			0.52	11TH TSP	+8.40
6	17	7/93 RFO	H/L Tubesheet VOL			0.53	TTS-HL	+2.35
6	21	7/93 RFO	C/L Special Int VOL			0.48	14TH TSP	+8.43
6	24	7/93 RFO	C/L Special Int VOL			0.94	13TH TSP	+16.84
6	26	7/93 RFO	C/L Special Int VOL			0.60	21ST TSP	+2.96
6	27	7/93 RFO	C/L Special Int VOL			0.57	12TH TSP	+12.28
6	35	7/93 RFO	C/L Special Int VOL			0.45	11TH TSP	-11.45
6	37	7/93 RFO	C/L Special Int VOL			0.59	12TH TSP	+10.78
		7/93 RFO	C/L Special Int VOL			0.93	11TH TSP	+7.50
		7/93 RFO	C/L Special Int VOL			0.98	11TH TSP	+5.03
		7/93 RFO	C/L Special Int VOL			1.59	11TH TSP	+1.84
6	40	7/93 RFO	C/L Special Int VOL			0.43	20TH TSP	+5.06
6	41	7/93 RFO	H/L Tubesheet SAI			0.81	TTS-HL	-2.11
6	43	7/93 RFO	C/L Special Int VOL			0.37	17TH TSP	+8.25
6	51	7/93 RFO	C/L Special Int VOL			0.62	TTS-CL	+2.39
6	54	7/93 RFO	C/L Special Int VOL			0.44	12TH TSP	+1.89
6	61	7/93 RFO	Bobbin ADI			2.84	4TH TSP	+20.72
		7/93 RFO	H/L Special Int VOL			0.34	4TH TSP	+20.14
6	62	7/93 RFO	C/L Special Int VOL			2.15	9TH TSP	-5.59
6	65	7/93 RFO	Bobbin ADI			4.54	18TH TSP	+9.42
		7/93 RFO	C/L Special Int VOL			0.48	18TH TSP	+9.42
6	69	7/93 RFO	Bobbin IDI	40	15.14	TE-HL	+6.63	9TH TSP
6	71	7/93 RFO	Bobbin ADI			6.53	3RD TSP	+6.88
6	74	7/93 RFO	Bobbin ADI			2.72	3RD TSP	+11.87
		7/93 RFO	Bobbin ADI			4.85	4TH TSP	+26.48
		7/93 RFO	C/L Special Int VOL			0.59	9TH TSP	-6.51
		7/93 RFO	H/L Special Int VOL			0.29	3RD TSP	+11.64
		7/93 RFO	H/L Special Int VOL			0.42	4TH TSP	+26.48
6	82	7/93 RFO	C/L Special Int VOL			0.33	13TH TSP	+9.43
6	84	7/93 RFO	Bobbin ADI			3.32	5TH TSP	+8.81
		7/93 RFO	Bobbin ADI			3.38	5TH TSP	+16.88
6	89	7/93 RFO	Bobbin ADI			3.54	16TH TSP	+3.16
		7/93 RFO	C/L Special Int VOL			1.04	16TH TSP	+3.64
6	103	7/93 RFO	C/L Special Int VOL			0.51	10TH TSP	+15.11
7	6	7/93 RFO	C/L Special Int VOL			0.90	9TH TSP	-7.48
7	14	7/93 RFO	C/L Special Int VOL			0.29	15TH TSP	+6.40
		7/93 RFO	C/L Special Int VOL			0.43	15TH TSP	+4.93
7	33	7/93 RFO	Bobbin IDI	40	8.03	TE-HL	+15.98	9TH TSP
7	43	7/93 RFO	Bobbin IDI	40	20.62	TE-HL	+7.30	9TH TSP
7	44	7/93 RFO	Bobbin NQI			0.22	4TH TSP	+0.02
7	61	7/93 RFO	C/L Special Int VOL			0.85	9TH TSP	-7.35
7	7	7/93 RFO	Bobbin ADI			3.72	6TH TSP	+10.12
		7/93 RFO	Bobbin ADI			4.88	6TH TSP	+17.01
		7/93 RFO	H/L Special Int VOL			0.32	6TH TSP	+9.46
		7/93 RFO	H/L Special Int VOL			0.34	6TH TSP	+13.54
		7/93 RFO	H/L Special Int VOL			0.54	6TH TSP	+14.99
		7/93 RFO	H/L Special Int VOL			0.59	6TH TSP	+16.55
7	112	7/93 RFO	Bobbin ADI			4.25	1ST TSP	+8.30
8	19	7/93 RFO	Bobbin IDI	40	3.20	TE-HL	+13.17	9TH TSP
		7/93 RFO	Bobbin IDI	40	5.41	TE-HL	+10.19	9TH TSP
		7/93 RFO	Bobbin IDI	40	6.47	TE-HL	+15.09	9TH TSP
		7/93 RFO	Bobbin IDI	40	7.69	TE-HL	+18.02	9TH TSP
		7/93 RFO	Bobbin IDI	40	11.66	TE-HL	+17.02	9TH TSP
		7/93 RFO	H/L Tubesheet MAI			5.35	TTS-HL	-3.83
		7/93 RFO	H/L Tubesheet MAI			9.53	TTS-HL	-3.01
		7/93 RFO	H/L Special Int MAI			4.31	TTS-HL	-2.60
		7/93 RFO	H/L Special Int MAI			6.05	TTS-HL	-6.03
		7/93 RFO	H/L Special Int MAI			6.72	TTS-HL	-3.46
		7/93 RFO	H/L Special Int SAI			1.93	TTS-HL	-10.37
		7/93 RFO	H/L Special Int SAI			2.24	TTS-HL	-9.56
		7/93 RFO	H/L Special Int SAI			5.36	TTS-HL	-5.15
8	38	7/93 RFO	Bobbin ADI			10.56	6TH TSP	+39.19
8	40	7/93 RFO	C/L Special Int VOL			0.69	10TH TSP	+25.04
8	43	7/93 RFO	C/L Special Int VOL			0.34	21ST TSP	+6.98

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

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ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
8	53	7/93 RFO	Bobbin	ADI		7.06	6TH TSP	+13.25
		7/93 RFO	H/L Special Int	VOL		1.56	6TH TSP	+12.76
8	55	7/93 RFO	C/L Special Int	VOL		0.25	15TH TSP	+6.56
		7/93 RFO	C/L Special Int	VOL		0.57	15TH TSP	+4.83
8	63	7/93 RFO	Bobbin	ADI		4.94	6TH TSP	+23.08
8	64	7/93 RFO	Bobbin	ADI		4.86	5TH TSP	+16.42
8	79	7/93 RFO	Bobbin	ADI		2.35	7TH TSP	+28.19
9	8	7/93 RFO	Bobbin	ODI	23	1.20	6TH TSP	+16.78
		7/93 RFO	H/L Special Int	VOL		1.06	6TH TSP	+17.81
9	14	7/93 RFO	C/L Special Int	VOL		0.33	14TH TSP	+6.09
		7/93 RFO	C/L Special Int	VOL		0.47	13TH TSP	+6.39
9	17	7/93 RFO	Bobbin	IDI	40	23.65	TE-HL	+17.13
		7/93 RFO	Bobbin	IDI	40	43.40	TE-HL	+12.27
		7/93 RFO	H/L Tubesheet	SAI		2.85	TTS-HL	-3.80
9	43	7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+21.88
		7/93 RFO	C/L Special Int	VOL		0.80	11TH TSP	+23.31
9	62	7/93 RFO	C/L Special Int	VOL		0.68	21ST TSP	-5.46
9	69	7/93 RFO	Bobbin	ADI		6.15	19TH TSP	+1.74
		7/93 RFO	C/L Special Int	VOL		0.72	19TH TSP	+1.60
9	79	7/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+15.16
9	91	7/93 RFO	Bobbin	ADI		5.43	3RD TSP	+20.57
		7/93 RFO	H/L Special Int	VOL		1.20	3RD TSP	+20.57
10	13	7/93 RFO	C/L Special Int	VOL		0.55	22ND TSP	+11.67
10	49	7/93 RFO	C/L Special Int	VOL		0.93	21ST TSP	+3.34
10	55	7/93 RFO	C/L Special Int	VOL		0.93	11TH TSP	+19.14
10	59	7/93 RFO	Bobbin	IDI	40	16.55	TE-HL	+15.69
		7/93 RFO	H/L Tubesheet	MAI		1.38	TTS-HL	-0.57
		7/93 RFO	H/L Tubesheet	MAI		8.77	TTS-HL	-4.89
		7/93 RFO	H/L Special Int	MAI		8.06	TE-HL	+15.06
10	64	7/93 RFO	Bobbin	ADI		3.59	3RD TSP	+18.20
		7/93 RFO	H/L Special Int	VOL		0.48	3RD TSP	+18.15
10	72	7/93 RFO	H/L Tubesheet	VOL		2.65	TTS-HL	+0.38
10	77	7/93 RFO	C/L Special Int	VOL		0.58	11TH TSP	+18.44
		7/93 RFO	C/L Special Int	VOL		0.58	11TH TSP	+29.56
10	100	7/93 RFO	Bobbin	ADI		4.19	10TH TSP	+36.68
		7/93 RFO	C/L Special Int	VOL		0.75	9TH TSP	-8.42
11	19	7/93 RFO	C/L Special Int	VOL		0.33	13TH TSP	+2.00
11	21	7/93 RFO	C/L Special Int	VOL		0.61	22ND TSP	+10.51
		7/93 RFO	C/L Special Int	VOL		0.66	22ND TSP	+14.63
		7/93 RFO	C/L Special Int	VOL		0.80	22ND TSP	+13.34
11	22	7/93 RFO	C/L Special Int	VOL		0.30	11TH TSP	+28.86
		7/93 RFO	C/L Special Int	VOL		0.61	12TH TSP	+23.83
11	24	7/93 RFO	C/L Special Int	VOL		0.39	16TH TSP	+8.22
11	26	7/93 RFO	C/L Special Int	VOL		0.82	20TH TSP	+5.55
11	29	7/93 RFO	C/L Special Int	VOL		0.34	17TH TSP	+5.30
11	31	7/93 RFO	H/L Tubesheet	MAI		1.01	TTS-HL	-3.28
11	35	7/93 RFO	H/L Tubesheet	SAI		0.39	TTS-HL	+0.00
11	45	7/93 RFO	H/L Tubesheet	SAI		4.21	TTS-HL	-4.22
11	48	7/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	-6.36
11	67	7/93 RFO	Bobbin	IDI	40	8.49	TE-HL	+12.16
11	76	7/93 RFO	C/L Special Int	VOL		0.43	16TH TSP	+2.36
		7/93 RFO	C/L Special Int	VOL		0.48	16TH TSP	+4.57
		7/93 RFO	C/L Special Int	VOL		0.54	16TH TSP	+6.33
		7/93 RFO	C/L Special Int	VOL		0.86	17TH TSP	+3.50
		7/93 RFO	C/L Special Int	VOL		0.86	18TH TSP	+2.64
11	77	7/93 RFO	Bobbin	ODI	4	0.68	5TH TSP	+11.44
11	78	7/93 RFO	Bobbin	ADI		3.02	2ND TSP	+7.54
11	80	7/93 RFO	C/L Special Int	VOL		0.41	10TH TSP	-1.95
11	89	7/93 RFO	Bobbin	ODI	22	1.13	TTS-HL	+4.13
		7/93 RFO	H/L Tubesheet	SAI		3.04	TTS-HL	-3.11
		7/93 RFO	H/L Special Int	VOL		0.75	TTS-HL	+3.78
11	91	7/93 RFO	Bobbin	IDI	40	2.66	TE-HL	+17.02
		7/93 RFO	H/L Special Int	SAI		5.76	TE-HL	+18.74
12	4	7/93 RFO	C/L Special Int	VOL		0.97	22ND TSP	+9.16
12	15	7/93 RFO	C/L Special Int	VOL		0.23	16TH TSP	+7.91

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
12	27	7/93 RFO	Bobbin	IDI	40	6.01	TE-HL	+12.32
		7/93 RFO	C/L Special Int	VOL		0.44	9TH TSP	-3.08
12	36	7/93 RFO	Bobbin	ADI		4.88	7TH TSP	+1.59
12	45	7/93 RFO	H/L Tubesheet	SAI		2.77	TTS-HL	-3.98
12	56	7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+2.34
12	67	7/93 RFO	C/L Special Int	VOL		0.22	15TH TSP	+8.86
12	68	7/93 RFO	H/L Tubesheet	MAI		3.90	TTS-HL	-4.04
12	75	7/93 RFO	Bobbin	ADI		3.62	3RD TSP	+22.18
		7/93 RFO	H/L Special Int	VOL		0.82	3RD TSP	+23.66
12	88	7/93 RFO	Bobbin	NQI		0.46	6TH TSP	+37.31
		7/93 RFO	H/L Special Int	VOL		0.62	7TH TSP	-7.42
12	105	7/93 RFO	Bobbin	NQI		0.47	1ST TSP	+17.79
		7/93 RFO	H/L Special Int	VOL		3.87	2ND TSP	-2.01
12	113	7/93 RFO	H/L Tubesheet	VOL		0.87	TTS-HL	-3.29
13	11	7/93 RFO	Bobbin	IDI	40	26.16	TE-HL	+15.17
13	15	7/93 RFO	C/L Special Int	VOL		0.59	22ND TSP	+4.69
13	31	7/93 RFO	C/L Special Int	VOL		0.59	11TH TSP	+17.80
13	66	7/93 RFO	Bobbin	IDI	40	7.67	TE-HL	+14.32
		7/93 RFO	Bobbin	IDI	40	13.04	TE-HL	+10.10
		7/93 RFO	Bobbin	IDI	40	17.57	TE-HL	+15.98
13	68	7/93 RFO	Bobbin	IDI	40	16.10	TE-HL	+11.36
13	72	7/93 RFO	H/L Tubesheet	MAI		0.31	TTS-HL	-1.85
13	74	7/93 RFO	Bobbin	IDI	40	17.78	TE-HL	+18.76
		7/93 RFO	H/L Tubesheet	MAI		2.55	TTS-HL	-2.90
		7/93 RFO	H/L Special Int	MAI		2.61	TE-HL	+18.34
13	75	7/93 RFO	H/L Tubesheet	MAI		1.18	TTS-HL	-3.80
13	76	7/93 RFO	Bobbin	IDI	40	5.88	TE-HL	+19.51
		7/93 RFO	Bobbin	IDI	40	8.43	TE-HL	+17.62
		7/93 RFO	Bobbin	IDI	40	16.32	TE-HL	+14.49
		7/93 RFO	H/L Special Int	MAI		2.31	TE-HL	+14.90
13	77	7/93 RFO	Bobbin	IDI	40	2.28	TE-HL	+6.11
13	80	7/93 RFO	Bobbin	IDI	40	22.02	TE-HL	+0.76
13	87	7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+29.17
13	97	7/93 RFO	C/L Special Int	VOL		0.78	11TH TSP	+34.03
14	17	7/93 RFO	C/L Special Int	VOL		0.34	TTS-CL	+5.69
14	23	7/93 RFO	Bobbin	IDI	40	28.02	TE-HL	+13.37
14	49	7/93 RFO	Bobbin	ODI	11	0.38	21ST TSP	+5.52
		7/93 RFO	C/L Special Int	VOL		0.81	21ST TSP	+5.72
14	58	7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+10.45
14	61	7/93 RFO	Bobbin	ODI	23	1.45	10TH TSP	+3.85
		7/93 RFO	C/L Special Int	VOL		1.57	10TH TSP	+3.86
14	62	7/93 RFO	Bobbin	IDI	40	22.62	TE-HL	+17.00
		7/93 RFO	H/L Tubesheet	MAI		3.81	TTS-HL	-3.92
		7/93 RFO	H/L Special Int	MAI		2.53	TE-HL	+11.56
		7/93 RFO	H/L Special Int	MAI		4.17	TE-HL	+17.23
14	67	7/93 RFO	Bobbin	IDI	40	12.66	TE-HL	+6.83
14	71	7/93 RFO	Bobbin	IDI	40	16.89	TE-HL	+16.21
		7/93 RFO	Bobbin	IDI	40	18.37	TE-HL	+15.16
14	72	7/93 RFO	Bobbin	IDI	40	13.85	TE-HL	+18.13
		7/93 RFO	H/L Tubesheet	MAI		1.00	TTS-HL	-2.81
14	75	7/93 RFO	C/L Special Int	VOL		0.23	18TH TSP	+3.20
		7/93 RFO	C/L Special Int	VOL		0.41	18TH TSP	+4.45
		7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+6.52
		7/93 RFO	C/L Special Int	VOL		0.55	18TH TSP	+1.63
14	78	7/93 RFO	H/L Tubesheet	MAI		3.76	TTS-HL	-3.65
15	20	7/93 RFO	Bobbin	IDI	40	30.39	TE-HL	+5.16
		7/93 RFO	H/L Special Int	MAI		1.02	TE-HL	+5.63
15	30	7/93 RFO	Bobbin	IDI	40	8.16	TE-HL	+10.80
15	44	7/93 RFO	C/L Special Int	VOL		0.91	21ST TSP	+2.25
15	47	7/93 RFO	C/L Special Int	VOL		0.47	18TH TSP	+13.12
15	57	7/93 RFO	Bobbin	ADI		5.80	5TH TSP	+28.43
		7/93 RFO	H/L Special Int	VOL		0.60	5TH TSP	+28.30
15	58	7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+19.13
15	59	7/93 RFO	C/L Special Int	VOL		0.59	15TH TSP	+2.71
15	67	7/93 RFO	H/L Tubesheet	SAI		0.46	TTS-HL	-0.96

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+13.98
15	71	7/93 RFO	H/L Tubesheet	SAI		1.03	TTS-HL	-2.80
15	75	7/93 RFO	H/L Tubesheet	VOL		0.73	TTS-HL	+1.30
		7/93 RFO	H/L Tubesheet	VOL		0.88	TTS-HL	-0.65
		7/93 RFO	H/L Tubesheet	VOL		0.98	TTS-HL	-1.99
15	77	7/93 RFO	Bobbin	IDI	40	7.78	TE-HL	+19.04
		7/93 RFO	H/L Tubesheet	SAI		1.51	TTS-HL	-1.73
		7/93 RFO	H/L Special Int	SAI		0.80	TE-HL	+19.17
		7/93 RFO	C/L Special Int	VOL		0.41	17TH TSP	-4.36
		7/93 RFO	C/L Special Int	VOL		0.96	17TH TSP	-2.63
		7/93 RFO	C/L Special Int	VOL		1.19	18TH TSP	+2.99
15	88	7/93 RFO	C/L Special Int	VOL		1.10	10TH TSP	+31.93
16	11	7/93 RFO	Bobbin	ADI		6.26	1ST TSP	+5.52
		7/93 RFO	H/L Special Int	VOL		1.40	1ST TSP	+5.04
16	16	7/93 RFO	Bobbin	IDI	40	6.42	TE-HL	+13.98
16	18	7/93 RFO	Bobbin	IDI	40	9.64	TE-HL	+11.43
16	39	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+14.74
16	42	7/93 RFO	C/L Special Int	VOL		0.29	12TH TSP	+15.80
16	43	7/93 RFO	Bobbin	ADI		7.91	5TH TSP	+30.78
		7/93 RFO	H/L Special Int	VOL		0.41	7TH TSP	-14.47
16	47	7/93 RFO	C/L Special Int	VOL		0.84	9TH TSP	-3.39
16	52	7/93 RFO	C/L Special Int	VOL		0.47	10TH TSP	+26.33
16	100	7/93 RFO	C/L Special Int	VOL		0.74	13TH TSP	+2.27
17	21	7/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	+5.17
17	30	7/93 RFO	H/L Tubesheet	SAI		1.95	TTS-HL	-4.12
17	31	7/93 RFO	C/L Special Int	VOL		0.76	22ND TSP	+12.52
17	39	7/93 RFO	C/L Special Int	VOL		0.54	16TH TSP	-1.90
17	43	7/93 RFO	Bobbin	IDI	40	9.81	TE-HL	+17.90
		7/93 RFO	H/L Tubesheet	SAI		3.09	TTS-HL	-3.23
		7/93 RFO	H/L Special Int	MAI		0.97	TE-HL	+8.60
		7/93 RFO	H/L Special Int	MAI		1.04	TE-HL	+14.18
		7/93 RFO	H/L Special Int	MAI		1.18	TE-HL	+12.20
		7/93 RFO	H/L Special Int	SAI		1.02	TE-HL	+9.61
		7/93 RFO	H/L Special Int	SAI		1.17	TE-HL	+15.18
		7/93 RFO	H/L Special Int	SAI		1.18	TE-HL	+13.16
		7/93 RFO	H/L Special Int	SAI		3.07	TE-HL	+18.02
17	63	7/93 RFO	Bobbin	NQI		0.85	4TH TSP	+14.60
		7/93 RFO	Bobbin	NQI		1.21	4TH TSP	+20.75
		7/93 RFO	H/L Special Int	VOL		0.38	4TH TSP	+12.07
		7/93 RFO	H/L Special Int	VOL		1.09	4TH TSP	+14.83
		7/93 RFO	H/L Special Int	VOL		1.09	4TH TSP	+17.16
		7/93 RFO	H/L Special Int	VOL		1.60	4TH TSP	+21.25
17	64	7/93 RFO	Bobbin	NQI		0.54	3RD TSP	-0.18
17	70	7/93 RFO	C/L Special Int	VOL		0.66	17TH TSP	+3.52
18	11	7/93 RFO	Bobbin	IDI	40	21.85	TE-HL	+8.07
18	29	7/93 RFO	Bobbin	IDI	40	8.80	TE-HL	+14.18
18	31	7/93 RFO	H/L Tubesheet	SAI		1.35	TTS-HL	-4.16
18	60	7/93 RFO	H/L Tubesheet	SAI		1.83	TTS-HL	-4.49
18	61	7/93 RFO	H/L Tubesheet	SAI		2.88	TTS-HL	-4.68
18	62	7/93 RFO	C/L Special Int	VOL		0.30	14TH TSP	+6.89
18	65	7/93 RFO	H/L Tubesheet	SAI		1.05	TTS-HL	-4.83
18	111	7/93 RFO	C/L Special Int	VOL		0.87	11TH TSP	+16.83
19	8	7/93 RFO	Bobbin	ADI		3.03	3RD TSP	+6.81
19	48	7/93 RFO	C/L Special Int	VOL		0.58	12TH TSP	+7.16
19	51	7/93 RFO	C/L Special Int	VOL		0.37	18TH TSP	+13.19
		7/93 RFO	C/L Special Int	VOL		0.41	19TH TSP	+3.71
19	63	7/93 RFO	H/L Tubesheet	MAI		1.68	TTS-HL	-4.46
19	95	7/93 RFO	Bobbin	ODI	12	1.24	10TH TSP	+30.70
		7/93 RFO	C/L Special Int	VOL		0.98	9TH TSP	-12.92
19	108	7/93 RFO	H/L Special Int	VOL		0.64	6TH TSP	+5.77
		7/93 RFO	H/L Special Int	VOL		0.65	6TH TSP	+14.01
		7/93 RFO	H/L Special Int	VOL		0.66	6TH TSP	-0.25
		7/93 RFO	H/L Special Int	VOL		0.71	6TH TSP	+17.36
		7/93 RFO	H/L Special Int	VOL		0.76	6TH TSP	+2.56
		7/93 RFO	H/L Special Int	VOL		0.77	6TH TSP	+12.55

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int	VOL		0.79	6TH TSP	+19.05
20	14	7/93 RFO	C/L Special Int	VOL		0.82	18TH TSP	+16.59
20	20	7/93 RFO	Bobbin	IDI	40	15.72	TE-HL	+13.92
20	33	7/93 RFO	Bobbin	ADI		1.44	1ST TSP	+17.07
20	44	7/93 RFO	H/L Tubesheet	SAI		1.05	TTS-HL	-3.52
20	59	7/93 RFO	C/L Special Int	VOL		0.89	19TH TSP	+6.06
20	62	7/93 RFO	H/L Tubesheet	SAI		2.34	TTS-HL	-4.60
20	82	7/93 RFO	C/L Special Int	VOL		1.00	15TH TSP	+2.71
20	87	7/93 RFO	Bobbin	NQI		0.57	5TH TSP	+25.96
		7/93 RFO	H/L Special Int	VOL		1.32	6TH TSP	-17.72
20	89	7/93 RFO	H/L Tubesheet	VOL		0.84	TTS-HL	+2.12
20	91	7/93 RFO	C/L Special Int	VOL		0.35	15TH TSP	+4.19
20	97	7/93 RFO	C/L Special Int	VOL		0.66	13TH TSP	+12.22
20	98	7/93 RFO	Bobbin	ODI	7	1.44	3RD TSP	+3.33
		7/93 RFO	H/L Special Int	VOL		1.47	3RD TSP	+3.82
20	99	7/93 RFO	Bobbin	ODI	15	0.92	16TH TSP	+2.82
		7/93 RFO	C/L Special Int	VOL		0.52	16TH TSP	+3.14
20	101	7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	+28.83
21	36	7/93 RFO	H/L Tubesheet	SAI		1.89	TTS-HL	-4.02
21	56	7/93 RFO	Bobbin	ODI	5	0.79	11TH TSP	+5.78
		7/93 RFO	C/L Special Int	VOL		0.97	11TH TSP	+5.74
21	57	7/93 RFO	Bobbin	ADI		1.82	5TH TSP	+34.40
		7/93 RFO	Bobbin	ADI		4.65	5TH TSP	+24.29
		7/93 RFO	H/L Special Int	VOL		0.70	6TH TSP	-21.02
		7/93 RFO	H/L Special Int	VOL		0.99	6TH TSP	-9.56
21	69	7/93 RFO	U-Bend	VOL		1.66	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	37	2.77	3AVB	+0.00
21	77	7/93 RFO	Bobbin	ADI		9.69	6TH TSP	+26.32
		7/93 RFO	H/L Special Int	VOL		1.30	7TH TSP	-17.47
21	81	7/93 RFO	C/L Special Int	VOL		1.42	18TH TSP	+3.84
22	7	7/93 RFO	C/L Special Int	VOL		1.04	9TH TSP	-5.58
22	22	7/93 RFO	C/L Special Int	VOL		0.71	14TH TSP	+2.94
22	31	7/93 RFO	Bobbin	ADI		5.65	3RD TSP	+4.74
		7/93 RFO	H/L Special Int	VOL		0.73	3RD TSP	+4.68
22	40	7/93 RFO	Bobbin	ADI		5.18	7TH TSP	+11.56
22	46	7/93 RFO	H/L Tubesheet	SAI		1.99	TTS-HL	-3.76
22	59	7/93 RFO	Bobbin	NQI		0.68	11TH TSP	+31.74
		7/93 RFO	C/L Special Int	VOL		0.69	10TH TSP	-12.42
22	69	7/93 RFO	Bobbin	ADI		9.09	6TH TSP	+28.96
		7/93 RFO	H/L Special Int	VOL		0.87	7TH TSP	-15.24
22	75	7/93 RFO	C/L Special Int	VOL		0.80	11TH TSP	-15.13
22	91	7/93 RFO	C/L Special Int	VOL		0.53	12TH TSP	+22.84
22	94	7/93 RFO	Bobbin	ADI		5.44	5TH TSP	+39.41
		7/93 RFO	H/L Special Int	VOL		1.31	6TH TSP	-5.30
23	14	7/93 RFO	Bobbin	IDI	40	5.86	TE-HL	+17.93
		7/93 RFO	H/L Tubesheet	SAI		4.40	TTS-HL	-3.15
		7/93 RFO	H/L Special Int	SAI		5.09	TTS-HL	-3.07
23	27	7/93 RFO	Bobbin	IDI	40	6.08	TE-HL	+11.96
		7/93 RFO	H/L Special Int	MAI		4.83	TTS-HL	-9.10
23	50	7/93 RFO	Bobbin	ADI		5.97	7TH TSP	+7.79
		7/93 RFO	H/L Special Int	VOL		0.69	7TH TSP	+7.86
23	53	7/93 RFO	C/L Special Int	VOL		0.65	18TH TSP	+9.58
23	54	7/93 RFO	H/L Tubesheet	SAI		2.20	TTS-HL	+0.00
23	57	7/93 RFO	Bobbin	ADI		4.32	17TH TSP	+0.50
23	95	7/93 RFO	C/L Special Int	VOL		0.51	17TH TSP	+5.58
24	36	7/93 RFO	Bobbin	ADI		5.07	3RD TSP	+16.76
		7/93 RFO	H/L Special Int	VOL		0.95	3RD TSP	+16.77
24	42	7/93 RFO	Bobbin	ADI		5.01	18TH TSP	+14.25
		7/93 RFO	C/L Special Int	VOL		0.85	17TH TSP	-8.48
24	47	7/93 RFO	H/L Tubesheet	SAI		3.23	TTS-HL	-1.35
24	88	7/93 RFO	Bobbin	ODI	28	1.01	5TH TSP	+15.34
		7/93 RFO	H/L Special Int	VOL		1.69	5TH TSP	+16.68
24	102	7/93 RFO	H/L Special Int	VOL		0.74	4TH TSP	+0.00
24	105	7/93 RFO	C/L Special Int	VOL		0.97	10TH TSP	-13.41
25	25	7/93 RFO	Bobbin	NQI		4.15	5TH TSP	+12.66

ATTACHMENT #3 - INDICATIONS & PERFECTIONS

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ROW	COL	OUTAGE	TEST TYP.	IND	3TW	VOLTS	LOCATION	EXTENT1	
		7/93 RFO	H/L Special Int	VOL		0.53	5TH TSP	+14.02	5TH TSP
		7/93 RFO	H/L Special Int	VOL		0.78	5TH TSP	+18.07	5TH TSP
		7/93 RFO	H/L Special Int	VOL		2.73	5TH TSP	+12.58	5TH TSP
25	62	7/93 RFO	Bobbin	ADI		4.21	6TH TSP	+13.80	10TH TSP
25	72	7/93 RFO	Bobbin	ADI		3.90	15TH TSP	+6.20	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.32	14TH TSP	+3.06	14TH TSP
		7/93 RFO	C/L Special Int	VOL		0.37	15TH TSP	+13.24	15TH TSP
25	73	7/93 RFO	C/L Special Int	VOL		0.92	10TH TSP	+4.59	10TH TSP
25	74	7/93 RFO	Bobbin	ADI		8.00	5TH TSP	+17.52	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.22	5TH TSP	+16.59	5TH TSP
		7/93 RFO	H/L Special Int	VOL		1.36	5TH TSP	+17.43	5TH TSP
25	79	7/93 RFO	Bobbin	IDI	40	2.40	TE-HL	+3.28	9TH TSP
25	94	7/93 RFO	Bobbin	NQI		0.85	7TH TSP	+25.04	9TH TSP
		7/93 RFO	Bobbin	ODI	1	1.55	4TH TSP	+37.26	9TH TSP
		7/93 RFO	Bobbin	ODI	19	1.05	5TH TSP	+24.22	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.09	7TH TSP	+18.36	7TH TSP
		7/93 RFO	H/L Special Int	VOL		1.12	7TH TSP	+22.50	7TH TSP
		7/93 RFO	H/L Special Int	VOL		1.14	5TH TSP	-7.50	5TH TSP
		7/93 RFO	H/L Special Int	VOL		1.38	5TH TSP	+24.68	5TH TSP
25	97	7/93 RFO	C/L Special Int	VOL		0.46	13TH TSP	+11.21	13TH TSP
26	8	7/93 RFO	C/L Special Int	VOL		0.38	16TH TSP	+7.40	16TH TSP
26	27	7/93 RFO	Bobbin	IDI	40	16.27	TE-HL	+17.64	9TH TSP
26	32	7/93 RFO	C/L Special Int	VOL		0.33	21ST TSP	-3.12	21ST TSP
26	38	7/93 RFO	C/L Special Int	VOL		0.71	10TH TSP	-8.14	10TH TSP
26	40	7/93 RFO	Bobbin	WAR	8	0.38	2AVB	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.35	18TH TSP	+10.60	18TH TSP
26	58	7/93 RFO	Bobbin	IDI	40	15.84	TE-HL	+10.20	9TH TSP
		7/93 RFO	H/L Special Int	MAI		1.91	TE-HL	+11.06	TTS-HL
		7/93 RFO	H/L Special Int	SAI		0.90	TE-HL	+12.76	TTS-HL
		7/93 RFO	H/L Special Int	SAI		6.62	TE-HL	+10.00	TTS-HL
26	75	7/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	+25.06	10TH TSP
26	77	7/93 RFO	U-Bend	VOL		2.02	1AVB	+7.55	8TH TSP
		7/93 RFO	Bobbin	ADI		9.64	8TH TSP	+31.40	9TH TSP
26	86	7/93 RFO	H/L Special Int	VOL		0.52	3RD TSP	+0.00	3RD TSP
26	101	7/93 RFO	Bobbin	ODI	7	0.91	5TH TSP	+5.56	9TH TSP
		7/93 RFO	Bobbin	ODI	17	0.72	5TH TSP	+31.42	9TH TSP
		7/93 RFO	Bobbin	ODI	20	0.29	5TH TSP	+11.01	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.58	5TH TSP	+31.08	5TH TSP
		7/93 RFO	H/L Special Int	VOL		0.61	5TH TSP	+11.04	5TH TSP
		7/93 RFO	H/L Special Int	VOL		0.67	5TH TSP	+5.61	5TH TSP
28	13	7/93 RFO	Bobbin	IDI	40	8.69	TE-HL	+15.00	9TH TSP
		7/93 RFO	H/L Special Int	SAI		5.45	TTS-HL	-5.93	TTS-HL
28	33	7/93 RFO	C/L Special Int	VOL		0.71	9TH TSP	-8.33	9TH TSP
28	36	7/93 RFO	C/L Special Int	VOL		0.99	17TH TSP	+3.48	16TH TSP
28	56	7/93 RFO	Bobbin	IDI	40	3.03	TE-HL	+15.15	9TH TSP
29	13	7/93 RFO	C/L Special Int	VOL		0.46	11TH TSP	+3.42	11TH TSP
29	35	7/93 RFO	C/L Special Int	VOL		0.67	17TH TSP	+6.70	16TH TSP
		7/93 RFO	C/L Special Int	VOL		0.87	13TH TSP	+5.06	13TH TSP
30	21	7/93 RFO	H/L Tubesheet	SAI		0.80	TTS-HL	+0.00	TTS-HL
30	103	7/93 RFO	Bobbin	WAR	14	0.61	2AVB	+0.00	9TH TSP
31	28	7/93 RFO	C/L Special Int	VOL		0.68	17TH TSP	+9.12	17TH TSP
31	30	7/93 RFO	C/L Special Int	VOL		0.30	16TH TSP	+1.54	16TH TSP
31	59	7/93 RFO	C/L Special Int	VOL		0.29	10TH TSP	+14.03	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	-6.04	12TH TSP
31	76	7/93 RFO	Bobbin	NQI		0.65	2ND TSP	-0.18	9TH TSP
32	34	7/93 RFO	C/L Special Int	VOL		0.40	22ND TSP	+9.78	22ND TSP
32	57	7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+13.78	12TH TSP
32	62	7/93 RFO	C/L Special Int	VOL		0.47	10TH TSP	-3.38	10TH TSP
32	63	7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+2.82	10TH TSP
32	78	7/93 RFO	Bobbin	IDI	40	6.43	TE-HL	+5.30	9TH TSP
32	92	7/93 RFO	C/L Special Int	VOL		0.50	18TH TSP	+9.17	18TH TSP
33	44	7/93 RFO	C/L Special Int	VOL		1.05	15TH TSP	+3.66	15TH TSP
33	54	7/93 RFO	C/L Special Int	VOL		3.49	11TH TSP	-2.34	11TH TSP
33	73	7/93 RFO	Bobbin	ADI		4.40	6TH TSP	+38.61	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.52	7TH TSP	-5.59	7TH TSP

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
33	95	7/93 RFO	H/L Special Inc	VOL		0.51	5TH TSP	-8.56
		7/93 RFO	H/L Special Int	VOL		0.92	5TH TSP	-10.11
34	21	7/93 RFO	C/L Special Int	VOL		0.32	18TH TSP	+1.91
		7/93 RFO	C/L Special Int	VOL		0.36	18TH TSP	+2.68
		7/93 RFO	C/L Special Int	VOL		0.75	11TH TSP	+1.03
		7/93 RFO	C/L Special Int	VOL		0.98	11TH TSP	+4.16
34	66	7/93 RFO	Bobbin	WAR	10	1.96	18TH TSP	+0.00
34	70	7/93 RFO	Bobbin	ADI		4.11	14TH TSP	+7.11
		7/93 RFO	C/L Special Int	VOL		0.21	13TH TSP	+1.36
		7/93 RFO	C/L Special Int	VOL		0.34	13TH TSP	+0.62
		7/93 RFO	C/L Special Int	VOL		0.66	14TH TSP	+7.20
		7/93 RFO	C/L Special Int	VOL		0.70	14TH TSP	+9.15
34	100	7/93 RFO	H/L Tubesheet	SAI		0.96	TTS-HL	+0.00
35	21	7/93 RFO	Bobbin	NQI		0.42	17TH TSP	+6.63
35	26	7/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	-16.89
35	33	7/93 RFO	Bobbin	WAR	24	1.51	3AVB	+0.00
35	34	7/93 RFO	Bobbin	NQI		0.51	TTS-CL	+6.76
35	40	7/93 RFO	C/L Special Int	VOL		0.58	16TH TSP	+3.26
35	41	7/93 RFO	C/L Special Int	VOL		0.18	21ST TSP	+3.06
		7/93 RFO	C/L Special Int	VOL		0.38	21ST TSP	+4.73
35	45	7/93 RFO	C/L Special Int	VOL		0.56	18TH TSP	+11.20
35	51	7/93 RFO	C/L Special Int	VOL		0.24	11TH TSP	-9.42
35	83	7/93 RFO	C/L Special Int	VOL		0.24	16TH TSP	+2.88
36	17	7/93 RFO	U-Bend	NQI		2.76	9TH TSP	+3.35
36	35	7/93 RFO	C/L Special Int	VOL		0.42	13TH TSP	+16.01
36	46	7/93 RFO	Bobbin	NQI		0.48	TTS-CL	+5.01
		7/93 RFO	C/L Special Int	VOL		0.50	TTS-CL	+4.39
		7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+4.79
		7/93 RFO	C/L Special Int	VOL		0.56	12TH TSP	+8.54
36	48	7/93 RFO	Bobbin	WAR	9	0.54	1AVB	+0.00
36	49	7/93 RFO	U-Bend	VOL		0.26	1AVB	+0.00
		7/93 RFO	U-Bend	VOL		1.22	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	1.91	2AVB	+0.00
36	54	7/93 RFO	Bobbin	ADI		5.35	6TH TSP	+4.61
		7/93 RFO	H/L Special Int	VOL		0.39	6TH TSP	+4.19
37	26	7/93 RFO	Bobbin	ADI		4.21	5TH TSP	+37.40
		7/93 RFO	H/L Special Int	VOL		0.64	6TH TSP	-11.95
		7/93 RFO	H/L Special Int	VOL		0.77	6TH TSP	-6.78
37	44	7/93 RFO	Bobbin	IDI	40	11.10	TE-HL	+13.16
		7/93 RFO	Bobbin	IDI	40	15.45	TE-HL	+14.27
		7/93 RFO	H/L Special Int	MAI		3.67	TTS-HL	-6.57
37	69	7/93 RFO	C/L Special Int	VOL		0.40	15TH TSP	+2.39
37	89	7/93 RFO	C/L Special Int	VOL		0.38	11TH TSP	-1.80
37	99	7/93 RFO	Bobbin	ODI	2	2.53	10TH TSP	+9.36
		7/93 RFO	C/L Special Int	VOL		1.98	10TH TSP	+9.46
38	18	7/93 RFO	Bobbin	WAR	7	0.45	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	18	1.12	3AVB	+0.00
38	22	7/93 RFO	U-Bend	VOL		0.57	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	18	1.10	1AVB	+0.00
38	32	7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+8.25
38	44	7/93 RFO	Bobbin	ADI		5.51	3RD TSP	+4.51
		7/93 RFO	H/L Special Int	VOL		0.97	3RD TSP	+4.15
		7/93 RFO	C/L Special Int	VOL		0.93	12TH TSP	+24.16
38	46	7/93 RFO	Bobbin	WAR	11	0.65	1AVB	+0.00
38	47	7/93 RFO	U-Bend	VOL		0.72	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	33	2.95	3AVB	+0.00
38	60	7/93 RFO	Bobbin	ADI		4.97	4TH TSP	+29.40
		7/93 RFO	H/L Special Int	VOL		1.21	5TH TSP	-14.56
38	70	7/93 RFO	U-Bend	VOL		0.19	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	26	1.45	1AVB	+0.00
38	72	7/93 RFO	C/L Special Int	VOL		0.35	19TH TSP	+2.55
38	73	7/93 RFO	Bobbin	ADI		5.87	5TH TSP	+23.30
		7/93 RFO	H/L Special Int	VOL		0.36	5TH TSP	+28.44
		7/93 RFO	H/L Special Int	VOL		0.63	5TH TSP	+24.83
38	79	7/93 RFO	Bobbin	WAR	23	1.16	2AVB	+0.00

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin	WAR	29	0.83	1AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	29	1.71	3AVB	+0.00 9TH TSP
39	29	7/93 RFO	U-Bend	VOL		0.36	2AVB	+0.00 8TH TSP
		7/93 RFO	U-Bend	VOL		0.54	3AVB	+0.13 8TH TSP
		7/93 RFO	Bobbin	WAR	29	2.36	2AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	30	2.50	3AVB	+0.00 9TH TSP
39	35	7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+10.89 13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+10.04 13TH TSP
39	56	7/93 RFO	Bobbin	ADI		10.10	2AVB	+8.68 10TH TSP
39	72	7/93 RFO	Bobbin	NQI		0.79	TTS-CL	+1.66 9TH TSP
		7/93 RFO	Bobbin	ODI	12	1.05	TTS-CL	+3.07 9TH TSP
40	19	7/93 RFO	Bobbin	WAR	18	1.14	1AVB	+0.00 9TH TSP
40	65	7/93 RFO	Bobbin	ADI		9.12	6TH TSP	+31.44 9TH TSP
		7/93 RFO	H/L Special Int	VOL		6.12	7TH TSP	-13.35 7TH TSP
41	36	7/93 RFO	Bobbin	IDI	40	3.52	TE-HL	+8.68 9TH TSP
41	39	7/93 RFO	Bobbin	IDI	40	3.93	TE-HL	+8.67 9TH TSP
41	43	7/93 RFO	Bobbin	IDI	40	2.76	TE-HL	+16.54 9TH TSP
41	50	7/93 RFO	Bobbin	ODI	7	1.67	13TH TSP	+19.88 9TH TSP
41	69	7/93 RFO	C/L Special Int	VOL		1.18	10TH TSP	+19.73 10TH TSP
41	71	7/93 RFO	C/L Special Int	VOL		0.46	18TH TSP	+4.57 18TH TSP
41	73	7/93 RFO	C/L Special Int	VOL		0.49	19TH TSP	+2.55 19TH TSP
41	82	7/93 RFO	C/L Special Int	VOL		0.88	15TH TSP	+2.38 15TH TSP
42	24	7/93 RFO	Bobbin	ADI		2.72	2ND TSP	+10.11 9TH TSP
42	27	7/93 RFO	C/L Special Int	VOL		0.71	11TH TSP	-5.79 11TH TSP
42	32	7/93 RFO	Bobbin	ADI		1.81	2ND TSP	+6.23 9TH TSP
42	33	7/93 RFO	C/L Special Int	VOL		0.13	11TH TSP	-3.26 11TH TSP
42	39	7/93 RFO	C/L Special Int	VOL		0.17	21ST TSP	-3.02 21ST TSP
42	50	7/93 RFO	C/L Special Int	VOL		0.17	17TH TSP	+5.71 17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.38	17TH TSP	+3.33 17TH TSP
42	52	7/93 RFO	C/L Special Int	VOL		0.34	9TH TSP	-11.68 9TH TSP
42	65	7/93 RFO	C/L Special Int	VOL		1.01	11TH TSP	+27.48 11TH TSP
42	86	7/93 RFO	Bobbin	ADI		7.05	12TH TSP	+1.62 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.37	12TH TSP	+20.90 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.81	12TH TSP	+11.60 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.82	12TH TSP	+1.30 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.91	12TH TSP	+27.14 12TH TSP
		7/93 RFO	C/L Special Int	VOL		1.16	12TH TSP	+7.85 12TH TSP
42	87	7/93 RFO	Bobbin	WAR	29	2.52	3AVB	+0.00 9TH TSP
42	91	7/93 RFO	Bobbin	WAR	17	0.75	2AVB	+0.00 9TH TSP
42	93	7/93 RFO	C/L Special Int	VOL		0.46	17TH TSP	-3.34 17TH TSP
43	23	7/93 RFO	Bobbin	ADI		3.46	7TH TSP	+38.34 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.51	8TH TSP	-5.58 8TH TSP
43	37	7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+13.73 12TH TSP
43	56	7/93 RFO	Bobbin	ADI		3.04	6TH TSP	+12.10 9TH TSP
43	64	7/93 RFO	Bobbin	WAR	22	1.10	1AVB	+0.00 9TH TSP
43	74	7/93 RFO	Bobbin	ODI	16	1.67	3RD TSP	+35.97 9TH TSP
		7/93 RFO	H/L Special Int	VOL		2.28	4TH TSP	-8.93 4TH TSP
43	86	7/93 RFO	Bobbin	ODI	9	0.58	5TH TSP	+5.99 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.00	5TH TSP	+6.45 5TH TSP
43	89	7/93 RFO	Bobbin	ADI		5.64	4TH TSP	+11.47 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.33	4TH TSP	+11.53 4TH TSP
		7/93 RFO	C/L Special Int	VOL		0.66	13TH TSP	+4.06 13TH TSP
43	93	7/93 RFO	Bobbin	NQI		0.29	7TH TSP	+9.67 9TH TSP
44	27	7/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+12.40 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.50	12TH TSP	+26.45 12TH TSP
		7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+1.32 12TH TSP
44	46	7/93 RFO	C/L Special Int	VOL		1.27	12TH TSP	+33.56 12TH TSP
44	52	7/93 RFO	Bobbin	ADI		4.04	1ST TSP	+8.88 9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.79	1ST TSP	+8.88 1ST TSP
44	89	7/93 RFO	C/L Special Int	VOL		0.93	10TH TSP	+11.37 10TH TSP
45	47	7/93 RFO	Bobbin	WAR	14	0.73	1AVB	+0.00 10TH TSP
45	64	7/93 RFO	Bobbin	NQI		9.98	TTS-CL	+0.39 9TH TSP
45	75	7/93 RFO	Bobbin	ODI	3	0.59	4TH TSP	+10.28 9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.60	4TH TSP	+10.88 4TH TSP
46	27	7/93 RFO	C/L Special Int	VOL		0.96	11TH TSP	-5.75 11TH TSP

ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
46	44	7/93 RFO	Bobbin			9.62	10TH TSP	+15.10
		7/93 RFO	C/L Special Int			1.06	10TH TSP	+15.37
46	76	7/93 RFO	C/L Special Int			0.93	10TH TSP	+21.75
		7/93 RFO	C/L Special Int			1.43	10TH TSP	+36.87
47	39	7/93 RFO	Bobbin			0.31	3RD TSP	-0.05
47	42	7/93 RFO	Bobbin			7.13	1AVB	+3.98
47	53	7/93 RFO	Bobbin			3.57	15TH TSP	+6.78
47	59	7/93 RFO	C/L Special Int			0.39	17TH TSP	-4.83
47	66	7/93 RFO	C/L Special Int			0.31	22ND TSP	+11.49
47	70	7/93 RFO	Bobbin			0.75	22ND TSP	+3.50
47	75	7/93 RFO	C/L Special Int			0.39	13TH TSP	+13.98
48	29	7/93 RFO	C/L Special Int			0.88	12TH TSP	+19.12
48	39	7/93 RFO	C/L Special Int			0.42	18TH TSP	+2.58
48	48	7/93 RFO	C/L Special Int			0.77	17TH TSP	-1.86
48	50	7/93 RFO	Bobbin	WAR	10	1.99	17TH TSP	+0.00
48	56	7/93 RFO	Bobbin			3.93	4TH TSP	+26.60
		7/93 RFO	H/L Special Int			0.82	4TH TSP	+25.00
48	57	7/93 RFO	Bobbin	WAR	9	1.91	20TH TSP	+0.00
48	71	7/93 RFO	Bobbin	WAR	7	1.69	16TH TSP	+0.00
		7/93 RFO	C/L Special Int			0.85	16TH TSP	-0.33
49	38	7/93 RFO	C/L Special Int			0.17	22ND TSP	+15.08
49	51	7/93 RFO	Bobbin	WAR	12	2.84	17TH TSP	+0.00
		7/93 RFO	C/L Special Int			0.75	17TH TSP	+0.00
49	54	7/93 RFO	Bobbin	ODI	17	0.95	13TH TSP	+13.83
49	55	7/93 RFO	Bobbin	WAR	6	1.16	17TH TSP	+0.00
		7/93 RFO	C/L Special Int			0.52	17TH TSP	+0.00
49	59	7/93 RFO	C/L Special Int			1.64	13TH TSP	+15.15

Total Indications Found = 677

Total Tubes Found = 391

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1	
1	12	7/93 RFO	H/L Special Int	VOL		1.43	5TH TSP	-7.00	5TH TSP
1	18	7/93 RFO	U-Bend	SAI		1.06	8TH TSP	+3.57	8TH TSP
2	4	7/93 RFO	C/L Special Int	VOL		1.26	16TH TSP	+9.66	16TH TSP
2	28	7/93 RFO	Bobbin	ADI		6.33	3RD TSP	+11.31	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.75	3RD TSP	+11.03	3RD TSP
2	61	7/93 RFO	Bobbin	IDI	40	9.15	TE-HL	+14.96	9TH TSP
2	77	7/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+11.09	13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.40	13TH TSP	+10.16	13TH TSP
2	98	7/93 RFO	Bobbin	ADI		5.81	22ND TSP	+4.91	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.19	22ND TSP	+4.90	22ND TSP
3	12	7/93 RFO	C/L Special Int	VOL		0.60	16TH TSP	+18.04	14TH TSP
		7/93 RFO	C/L Special Int	VOL		2.03	16TH TSP	+2.92	14TH TSP
		7/93 RFO	C/L Special Int	VOL		3.39	22ND TSP	+1.59	22ND TSP
3	15	7/93 RFO	Bobbin	NQI		0.37	16TH TSP	-0.34	9TH TSP
3	20	7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+30.49 to +33.96	11TH TSP
3	64	7/93 RFO	Bobbin	ADI		5.19	1ST TSP	+5.62	9TH TSP
		7/93 RFO	Bobbin	ODI	14	0.78	11TH TSP	+5.16	9TH TSP
		7/93 RFO	Bobbin	ODI	39	0.68	11TH TSP	+3.47	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.91	1ST TSP	+5.34	1ST TSP
		7/93 RFO	C/L Special Int	VOL		0.47	11TH TSP	+5.55	11TH TSP
		7/93 RFO	C/L Special Int	VOL		0.86	11TH TSP	+3.74	11TH TSP
3	75	7/93 RFO	Bobbin	ODI	9	5.20	3RD TSP	+40.34	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.52	4TH TSP	-4.11	4TH TSP
		7/93 RFO	C/L Special Int	VOL		0.37	19TH TSP	+25.92	19TH TSP
3	80	7/93 RFO	C/L Special Int	VOL		0.46	10TH TSP	+19.28	10TH TSP
3	83	7/93 RFO	C/L Special Int	VOL		0.57	16TH TSP	+0.56	16TH TSP
3	87	7/93 RFO	Bobbin	ADI		3.43	16TH TSP	+11.96	9TH TSP
		7/93 RFO	Bobbin	ADI		4.97	14TH TSP	+4.88	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.37	19TH TSP	+8.09	19TH TSP
		7/93 RFO	C/L Special Int	VOL		0.49	14TH TSP	+4.52	14TH TSP
		7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+18.44	10TH TSP
		7/93 RFO	C/L Special Int	VOL		0.66	16TH TSP	+11.62	14TH TSP
3	89	7/93 RFO	Bobbin	ADI		2.71	6TH TSP	+19.14	9TH TSP
3	104	7/93 RFO	H/L Tubesheet	SAI		0.51	TTS-HL	+0.00	TTS-HL
4	4	7/93 RFO	C/L Special Int	VOL		1.56	9TH TSP	-9.82	9TH TSP
4	7	7/93 RFO	Bobbin	NQI		0.59	12TH TSP	+25.55	9TH TSP
		7/93 RFO	Bobbin	ODI	28	1.50	6TH TSP	+24.51	9TH TSP
		7/93 RFO	H/L Special Int	VOL		0.42	6TH TSP	+22.51	6TH TSP
		7/93 RFO	H/L Special Int	VOL		1.12	6TH TSP	+23.60	6TH TSP
4	35	7/93 RFO	Bobbin	IDI	40	8.93	TE-HL	+17.17	9TH TSP
		7/93 RFO	Bobbin	IDI	40	11.07	TE-HL	+17.05	9TH TSP
		7/93 RFO	H/L Tubesheet	MAI		5.04	TTS-HL	-4.39	TTS-HL
4	39	7/93 RFO	Bobbin	ODI	3	0.37	13TH TSP	+18.89	9TH TSP
		7/93 RFO	Bobbin	ODI	14	0.32	13TH TSP	+18.95	2ND TSP
		7/93 RFO	Bobbin	ODI	17	0.68	13TH TSP	+19.12	2ND TSP
4	40	7/93 RFO	Bobbin	IDI	40	3.49	TE-HL	+1.13	9TH TSP
		7/93 RFO	Bobbin	IDI	40	7.86	TE-HL	+1.70	9TH TSP
4	57	7/93 RFO	C/L Special Int	VOL		0.99	11TH TSP	+15.09	10TH TSP
4	70	7/93 RFO	Bobbin	IDI	40	79.12	TE-HL	+15.13	9TH TSP
		7/93 RFO	H/L Tubesheet	SAI		0.52	TTS-HL	-0.17	TTS-HL
4	73	7/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	+36.71	9TH TSP
4	78	7/93 RFO	H/L Tubesheet	SAI		0.66	TTS-HL	-0.10	TTS-HL
4	80	7/93 RFO	H/L Tubesheet	SAI		1.02	TTS-HL	-0.10	TTS-HL
4	85	7/93 RFO	H/L Tubesheet	SAI		0.71	TTS-HL	-1.25	TTS-HL
4	86	7/93 RFO	Bobbin	ODI	37	1.89	11TH TSP	+13.22	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.29	16TH TSP	+19.07	14TH TSP
		7/93 RFO	C/L Special Int	VOL		0.61	11TH TSP	+12.53	11TH TSP
4	88	7/93 RFO	H/L Tubesheet	SAI		0.26	TTS-HL	+0.00	TTS-HL
4	96	7/93 RFO	C/L Special Int	VOL		0.25	TTS-CL	+1.09	TTS-CL
		7/93 RFO	C/L Special Int	VOL		1.11	10TH TSP	+22.95	10TH TSP
4	109	7/93 RFO	H/L Tubesheet	SAI		0.91	TTS-HL	-0.08	TTS-HL
5	1	7/93 RFO	Bobbin	ADI		3.58	12TH TSP	+18.63	9TH TSP
		7/93 RFO	Bobbin	ADI		4.38	13TH TSP	+9.36	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.67	13TH TSP	+9.67	12TH TSP
5	11	7/93 RFO	Bobbin	ADI		2.27	13TH TSP	+11.41	9TH TSP

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin	ADI		2.87	13TH TSP	+13.50
		7/93 RFO	C/L Special Int	VOL		1.14	13TH TSP	+10.86
		7/93 RFO	C/L Special Int	VOL		1.66	13TH TSP	+13.08
5	38	7/93 RFO	H/L Tubesheet	MAI		1.30	TTS-HL	-3.39
5	44	7/93 RFO	C/L Special Int	VOL		0.61	12TH TSP	+4.09
5	62	7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+10.37
		7/93 RFO	C/L Special Int	VOL		0.73	13TH TSP	+17.36
5	72	7/93 RFO	H/L Tubesheet	SAI		1.70	TTS-HL	+0.00
5	75	7/93 RFO	Bobbin	ADI		7.34	20TH TSP	+5.55
		7/93 RFO	C/L Special Int	VOL		1.01	20TH TSP	+5.28
5	80	7/93 RFO	C/L Special Int	VOL		0.83	22ND TSP	+12.05
5	86	7/93 RFO	C/L Special Int	VOL		0.44	11TH TSP	-3.31
		7/93 RFO	C/L Special Int	VOL		0.93	11TH TSP	+12.30
5	87	7/93 RFO	C/L Special Int	VOL		0.55	10TH TSP	+20.68
5	114	7/93 RFO	H/L Tubesheet	VOL		0.37	TTS-HL	-3.17
6	3	7/93 RFO	Bobbin	ADI		1.36	22ND TSP	+12.48
6	10	7/93 RFO	Bobbin	ADI		1.79	11TH TSP	+14.78
		7/93 RFO	Bobbin	ODI	5	1.15	16TH TSP	+1.66
		7/93 RFO	Bobbin	ODI	21	0.89	15TH TSP	+7.83
		7/93 RFO	Bobbin	ODI	34	0.53	17TH TSP	-1.58
		7/93 RFO	C/L Special Int	VOL		1.36	17TH TSP	-1.67
		7/93 RFO	C/L Special Int	VOL		1.56	11TH TSP	+15.47
		7/93 RFO	C/L Special Int	VOL		1.84	16TH TSP	+1.90
		7/93 RFO	C/L Special Int	VOL		2.46	15TH TSP	+8.26
6	18	7/93 RFO	Bobbin	NQI		0.69	11TH TSP	+20.17
		7/93 RFO	C/L Special Int	VOL		1.11	11TH TSP	+18.33
6	34	7/93 RFO	Bobbin	ADI		0.90	17TH TSP	+5.74
6	46	7/93 RFO	H/L Tubesheet	SAI		0.41	TTS-HL	-0.07
6	50	7/93 RFO	Bobbin	ADI		2.64	15TH TSP	+5.85
		7/93 RFO	C/L Special Int	VOL		0.68	11TH TSP	+3.77
6	64	7/93 RFO	H/L Tubesheet	SAI		3.16	TTS-HL	-5.57
6	77	7/93 RFO	Bobbin	NQI		0.56	18TH TSP	+1.20
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	+1.24
		7/93 RFO	C/L Special Int	VOL		1.06	22ND TSP	+13.42
6	82	7/93 RFO	Bobbin	NQI		0.56	3RD TSP	-0.05
6	92	7/93 RFO	C/L Special Int	VOL		0.37	10TH TSP	+2.55
		7/93 RFO	C/L Special Int	VOL		0.40	11TH TSP	+13.87
		7/93 RFO	C/L Special Int	VOL		0.49	10TH TSP	+2.87
6	93	7/93 RFO	Bobbin	ODI	24	1.34	2ND TSP	+17.09
		7/93 RFO	H/L Special Int	VOL		0.76	3RD TSP	-6.46
6	99	7/93 RFO	Bobbin	IDI	40	3.85	TE-HL	+15.86
6	102	7/93 RFO	C/L Special Int	VOL		0.42	10TH TSP	-1.87
6	110	7/93 RFO	H/L Tubesheet	SAI		0.48	TTS-HL	-0.09
7	4	7/93 RFO	Bobbin	ODI	8	0.70	5TH TSP	+12.51
		7/93 RFO	H/L Special Int	VOL		0.30	5TH TSP	+11.72
7	5	7/93 RFO	C/L Special Int	VOL		0.31	17TH TSP	-2.96
7	9	7/93 RFO	Bobbin	ADI		4.14	11TH TSP	+31.64
		7/93 RFO	Bobbin	ADI		4.21	12TH TSP	+40.03
		7/93 RFO	Bobbin	ODI	5	0.64	5TH TSP	+9.74
		7/93 RFO	H/L Special Int	VOL		0.41	5TH TSP	+9.56
		7/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+8.10
		7/93 RFO	C/L Special Int	VOL		0.57	11TH TSP	-4.47
		7/93 RFO	C/L Special Int	VOL		0.91	11TH TSP	+30.00
7	12	7/93 RFO	C/L Special Int	VOL		0.32	22ND TSP	+9.19
7	72	7/93 RFO	Bobbin	IDI	40	60.76	TE-HL	+16.81
		7/93 RFO	H/L Tubesheet	MAI		16.57	TTS-HL	-4.98
		7/93 RFO	H/L Special Int	MAI		16.89	TE-HL	+16.67
7	81	7/93 RFO	Bobbin	IDI	40	34.47	TE-HL	+3.51
		7/93 RFO	H/L Special Int	MAI		0.98	TE-HL	+5.19
		7/93 RFO	H/L Special Int	MAI		1.81	TE-HL	+7.86
		7/93 RFO	H/L Special Int	MAI		3.48	TE-HL	+3.42
7	82	7/93 RFO	C/L Special Int	VOL		0.43	10TH TSP	-14.74
7	83	7/93 RFO	Bobbin	IDI	40	13.81	TE-HL	+4.55
7	85	7/93 RFO	H/L Tubesheet	SAI		0.81	TTS-HL	-0.06
7	91	7/93 RFO	Bobbin	ADI		2.30	5TH TSP	+25.75

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RPO	Bobbin	ADI		9.90	5TH TSP	+9.38
		7/93 RPO	H/L Special Int	VOL		0.88	5TH TSP	+25.38
7	94	7/93 RPO	Bobbin	IDI	40	6.18	TE-HL	+15.76
7	95	7/93 RPO	C/L Special Int	VOL		0.35	13TH TSP	+13.11
7	107	7/93 RPO	Bobbin	ADI		6.48	4TH TSP	+15.21
		7/93 RPO	H/L Special Int	VOL		1.01	4TH TSP	+15.22
8	9	7/93 RPO	Bobbin	ADI		0.51	6TH TSP	+31.94
		7/93 RPO	Bobbin	ADI		1.19	12TH TSP	+37.01
		7/93 RPO	H/L Special Int	VOL		0.70	7TH TSP	-11.65
		7/93 RPO	C/L Special Int	VOL		0.86	11TH TSP	-6.91
8	16	7/93 RPO	C/L Special Int	VOL		0.28	11TH TSP	+15.09
8	81	7/93 RPO	C/L Special Int	VOL		1.17	13TH TSP	+7.37
8	84	7/93 RPO	Bobbin	IDI	40	23.53	TE-HL	+6.66
8	93	7/93 RPO	Bobbin	IDI	40	5.61	TE-HL	+13.16
		7/93 RPO	H/L Special Int	MAI		2.07	TE-HL	+13.35
8	94	7/93 RPO	H/L Tubesheet	SAI		1.11	TTS-HL	-3.90
9	11	7/93 RPO	C/L Special Int	VOL		0.68	14TH TSP	+1.49
9	26	7/93 RPO	Bobbin	IDI	40	3.77	TE-HL	+4.59
9	47	7/93 RPO	Bobbin	ODI	7	1.08	6TH TSP	+23.57
		7/93 RPO	H/L Special Int	VOL		0.74	6TH TSP	+24.78
9	56	7/93 RPO	C/L Special Int	VOL		0.46	12TH TSP	+22.05
9	75	7/93 RPO	Bobbin	IDI	40	2.82	TE-HL	+9.29
9	76	7/93 RPO	H/L Tubesheet	SAI		0.33	TTS-HL	+0.04
9	79	7/93 RPO	Bobbin	IDI	40	8.13	TE-HL	+13.53
		7/93 RPO	Bobbin	IDI	40	22.84	TE-HL	+12.35
9	84	7/93 RPO	C/L Special Int	VOL		0.57	13TH TSP	+1.98
9	86	7/93 RPO	C/L Special Int	VOL		0.35	13TH TSP	+12.63
		7/93 RPO	C/L Special Int	VOL		0.61	22ND TSP	+4.42
		7/93 RPO	C/L Special Int	VOL		0.63	16TH TSP	+3.02
9	89	7/93 RPO	Bobbin	ADI		5.07	3RD TSP	+38.08
		7/93 RPO	H/L Special Int	VOL		0.99	4TH TSP	-6.02
9	91	7/93 RPO	Bobbin	ADI		1.13	18TH TSP	+12.88
		7/93 RPO	Bobbin	ADI		2.02	18TH TSP	+13.96
		7/93 RPO	C/L Special Int	VOL		0.19	18TH TSP	+13.85
9	99	7/93 RPO	C/L Special Int	VOL		0.70	22ND TSP	+3.91
9	112	7/93 RPO	Bobbin	ODI	3	1.91	13TH TSP	+6.95
		7/93 RPO	Bobbin	ODI	20	1.31	13TH TSP	+11.51
		7/93 RPO	C/L Special Int	VOL		1.03	13TH TSP	+11.51
		7/93 RPO	C/L Special Int	VOL		1.11	13TH TSP	+6.95
10	13	7/93 RPO	C/L Special Int	VOL		0.35	21ST TSP	+2.48
10	33	7/93 RPO	Bobbin	ADI		2.35	11TH TSP	+40.62
		7/93 RPO	C/L Special Int	VOL		1.45	10TH TSP	-3.51
10	38	7/93 RPO	C/L Special Int	VOL		0.87	10TH TSP	-5.09
10	46	7/93 RPO	C/L Special Int	VOL		0.64	21ST TSP	+2.24
10	49	7/93 RPO	C/L Special Int	VOL		0.90	21ST TSP	+2.11
10	61	7/93 RPO	Bobbin	ODI	18	2.60	3RD TSP	+25.70
10	66	7/93 RPO	Bobbin	ODI	4	1.98	13TH TSP	+16.42
		7/93 RPO	C/L Special Int	VOL		0.25	12TH TSP	+7.11
		7/93 RPO	C/L Special Int	VOL		0.65	12TH TSP	+4.28
10	67	7/93 RPO	Bobbin	ODI	13	1.27	3RD TSP	+35.13
		7/93 RPO	H/L Special Int	VOL		0.81	4TH TSP	-9.78
10	82	7/93 RPO	Bobbin	IDI	40	16.10	TE-HL	+12.71
		7/93 RPO	Bobbin	IDI	40	16.30	TE-HL	+9.13
10	86	7/93 RPO	C/L Special Int	VOL		0.89	10TH TSP	+22.54
10	87	7/93 RPO	H/L Tubesheet	MAI		2.75	TTS-HL	-4.30
10	88	7/93 RPO	Bobbin	NQI		0.39	11TH TSP	+28.46
		7/93 RPO	C/L Special Int	VOL		0.66	10TH TSP	-15.15
10	89	7/93 RPO	Bobbin	NQI		0.45	15TH TSP	+2.36
		7/93 RPO	C/L Special Int	VOL		0.84	15TH TSP	+2.36
10	91	7/93 RPO	Bobbin	ODI	21	1.70	9TH TSP	+11.85
		7/93 RPO	Bobbin	ODI	1	1.34	10TH TSP	+31.49
		7/93 RPO	C/L Special Int	VOL		1.44	9TH TSP	-12.36
10	101	7/93 RPO	H/L Tubesheet	SAI		1.48	TTS-HL	-0.35
10	104	7/93 RPO	H/L Tubesheet	SAI		1.49	TTS-HL	+0.06
11	10	7/93 RPO	C/L Special Int	VOL		0.56	20TH TSP	+3.59

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Cleeve Crosswound, U-Bend

ATTACH# AT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:40:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
11	21	7/93 RFO	C/L Special Int VOL			0.87	14TH TSP	+6.24
		7/93 RFO	C/L Special Int VOL			0.94	12TH TSP	-3.98
11	25	7/93 RFO	C/L Special Int VOL			1.45	14TH TSP	+7.27
11	34	7/93 RFO	C/L Special Int VOL			0.45	11TH TSP	+7.41
12	40	7/93 RFO	Bobbin ODI	26		8.10	12TH TSP	+14.58
		7/93 RFO	C/L Special Int VOL			1.10	12TH TSP	+12.61
11	45	7/93 RFO	C/L Special Int VOL			0.41	10TH TSP	+14.98
11	59	7/93 RFO	C/L Special Int VOL			0.48	11TH TSP	+27.67
		7/93 RFO	C/L Special Int VOL			1.00	11TH TSP	+25.56
11	61	7/93 RFO	H/L Tubesheet SAI			3.35	TTS-HL	-5.59
11	62	7/93 RFO	Bobbin IDI	40		5.05	TE-HL	+16.93
		7/93 RFO	H/L Tubesheet MAI			2.18	TTS-HL	-5.62
11	63	7/93 RFO	H/L Tubesheet SAI			0.64	TTS-HL	+0.05
11	64	7/93 RFO	H/L Tubesheet SAI			1.35	TTS-HL	-5.64
11	78	7/93 RFO	C/L Special Int VOL			0.85	18TH TSP	+11.26
11	79	7/93 RFO	C/L Special Int VOL			0.49	12TH TSP	+4.18
11	92	7/93 RFO	H/L Tubesheet SAI			1.68	TTS-HL	-0.18
11	94	7/93 RFO	Bobbin IDI	40		1.63	TE-HL	+6.44
		7/93 RFO	H/L Special Int MAI			1.45	TE-HL	+6.54
11	107	7/93 RFO	Bobbin ADI			5.48	TTS-CL	+1.78
		7/93 RFO	C/L Special Int VOL			1.19	TTS-CL	+1.78
12	14	7/93 RFO	Bobbin NQI			0.59	6TH TSP	+15.13
12	34	7/93 RFO	C/L Special Int VOL			0.86	17TH TSP	-6.50
12	37	7/93 RFO	C/L Special Int VOL			1.33	16TH TSP	+6.23
12	61	7/93 RFO	C/L Special Int VOL			0.69	13TH TSP	+3.11
12	88	7/93 RFO	Bobbin IDI	40		1.84	TE-HL	+16.78
		7/93 RFO	H/L Tubesheet SAI			3.09	TTS-HL	-5.41
		7/93 RFO	H/L Special Int SAI			3.22	TTS-HL	-4.33
12	94	7/93 RFO	C/L Special Int VOL			0.41	21ST TSP	+0.90
		7/93 RFO	C/L Special Int VOL			0.48	20TH TSP	+4.26
12	102	7/93 RFO	Bobbin ODI	15		3.11	20TH TSP	+5.02
12	110	7/93 RFO	C/L Special Int VOL			0.75	16TH TSP	+10.00
		7/93 RFO	C/L Special Int VOL			0.83	17TH TSP	+9.37
13	4	7/93 RFO	H/L Special Int VOL			0.27	6TH TSP	-29.22
		7/93 RFO	H/L Special Int VOL			0.38	6TH TSP	-27.17
		7/93 RFO	H/L Special Int VOL			0.78	6TH TSP	-7.51
		7/93 RFO	H/L Special Int VOL			1.17	6TH TSP	-30.11
		7/93 RFO	H/L Special Int VOL			1.19	6TH TSP	-14.57
13	7	7/93 RFO	C/L Special Int VOL			0.21	17TH TSP	-4.67
13	14	7/93 RFO	C/L Special Int VOL			0.56	10TH TSP	+11.23
13	16	7/93 RFO	Bobbin ADI			3.01	5TH TSP	+7.69 to +10.39
13	27	7/93 RFO	C/L Special Int VOL			0.26	13TH TSP	+5.77
		7/93 RFO	C/L Special Int VOL			0.28	12TH TSP	+10.71
13	28	7/93 RFO	C/L Special Int VOL			0.43	12TH TSP	+7.85
13	41	7/93 RFO	Bobbin ADI			13.64	4AVE	+2.36
13	64	7/93 RFO	Bobbin IDI	40		7.81	TE-HL	+15.93
13	66	7/93 RFO	C/L Special Int VOL			0.51	12TH TSP	+5.83
13	93	7/93 RFO	Bobbin IDI	40		4.33	TE-HL	+13.48
		7/93 RFO	Bobbin IDI	40		14.12	TE-HL	+17.05
		7/93 RFO	H/L Tubesheet MAI			2.95	TTS-HL	-4.01
13	96	7/93 RFO	C/L Special Int VOL			0.36	11TH TSP	+24.00
14	7	7/93 RFO	C/L Special Int VOL			0.79	9TH TSP	-3.44
14	9	7/93 RFO	C/L Special Int VOL			0.90	11TH TSP	-10.97
14	21	7/93 RFO	C/L Special Int VOL			0.64	11TH TSP	+20.89
14	31	7/93 RFO	C/L Special Int VOL			0.87	12TH TSP	+25.97
14	44	7/93 RFO	C/L Special Int VOL			0.17	21ST TSP	-5.43
14	53	7/93 RFO	Bobbin ADI			4.18	22ND TSP	+10.68
		7/93 RFO	C/L Special Int VOL			0.86	22ND TSP	+4.72
		7/93 RFO	C/L Special Int VOL			1.46	22ND TSP	+10.68
14	75	7/93 RFO	Bobbin IDI	40		2.14	TE-HL	+10.17
		7/93 RFO	C/L Special Int VOL			0.83	TTS-CL	+4.49
14	86	7/93 RFO	C/L Special Int VOL			0.37	10TH TSP	-15.79
14	101	7/93 RFO	H/L Tubesheet SAI			4.62	TTS-HL	-2.91
15	3	7/93 RFO	Bobbin NQI			0.78	11TH TSP	+18.00
		7/93 RFO	C/L Special Int VOL			0.60	11TH TSP	+16.51

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
15	19	7/93 RFO	Bobbin	ODI	4	1.10	18TH TSP	+9.67
		7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+9.67
15	49	7/93 RFO	Bobbin	NQI		0.75	19TH TSP	+1.33
15	53	7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+17.01
15	55	7/93 RFO	Bobbin	ADI		7.12	7TH TSP	+15.16
		7/93 RFO	H/L Special Int	VOL		1.22	7TH TSP	+14.96
15	64	7/93 RFO	Bobbin	NQI		0.51	10TH TSP	+12.28
		7/93 RFO	Bobbin	ODI	18	0.49	10TH TSP	+17.03
		7/93 RFO	Bobbin	ODI	18	0.75	10TH TSP	+10.22
		7/93 RFO	Bobbin	ODI	18	0.93	10TH TSP	+27.15
		7/93 RFO	C/L Special Int	VOL		0.17	10TH TSP	+29.93
		7/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+17.03
		7/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	+15.27
		7/93 RFO	C/L Special Int	VOL		0.48	10TH TSP	+10.22
		7/93 RFO	C/L Special Int	VOL		0.70	10TH TSP	+27.15
		7/93 RFO	C/L Special Int	VOL		0.71	10TH TSP	+12.28
15	68	7/93 RFO	C/L Special Int	VOL		0.36	22ND TSP	+16.85
15	91	7/93 RFO	Bobbin	IDI	40	2.37	TE-HL	+4.83
15	92	7/93 RFO	Bobbin	ODI	21	1.48	12TH TSP	+37.90
		7/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+37.90
15	95	7/93 RFO	Bobbin	ODI	20	0.93	18TH TSP	+6.68
		7/93 RFO	C/L Special Int	VOL		0.55	18TH TSP	+6.68
15	110	7/93 RFO	H/L Tubesheet	MAI		0.35	TTS-HL	-4.42
16	54	7/93 RFO	Bobbin	ODI	1	1.75	11TH TSP	+24.25
		7/93 RFO	C/L Special Int	VOL		0.37	12TH TSP	+5.73
		7/93 RFO	C/L Special Int	VOL		0.99	11TH TSP	+24.25
16	57	7/93 RFO	C/L Special Int	VOL		0.89	17TH TSP	-0.37
16	62	7/93 RFO	Bobbin	ADI		3.97	1ST TSP	+9.08
		7/93 RFO	Bobbin	ADI		8.55	1ST TSP	+6.75
		7/93 RFO	H/L Special Int	VOL		0.96	1ST TSP	+9.35
		7/93 RFO	H/L Special Int	VOL		1.54	1ST TSP	+6.56
16	71	7/93 RFO	C/L Special Int	VOL		0.49	14TH TSP	+8.81
16	80	7/93 RFO	Bobbin	NQI		1.47	3RD TSP	+0.05
16	92	7/93 RFO	Bobbin	IDI	40	7.56	TE-HL	+15.28
		7/93 RFO	Bobbin	IDI	40	15.81	TE-HL	+8.29
16	110	7/93 RFO	Bobbin	IDI	40	2.40	TE-HL	+5.33
17	5	7/93 RFO	Bobbin	NQI		0.49	5TH TSP	+5.54
		7/93 RFO	Bobbin	NQI		0.77	5TH TSP	+23.17
		7/93 RFO	H/L Special Int	VOL		0.38	5TH TSP	+5.54
		7/93 RFO	H/L Special Int	VOL		0.48	5TH TSP	+23.13
17	9	7/93 RFO	C/L Special Int	VOL		0.25	18TH TSP	+3.84
17	14	7/93 RFO	C/L Special Int	VOL		0.61	10TH TSP	+22.56
17	23	7/93 RFO	C/L Special Int	VOL		1.01	10TH TSP	+10.92
17	39	7/93 RFO	Bobbin	ODI	2	1.08	20TH TSP	+1.06
		7/93 RFO	C/L Special Int	VOL		0.22	20TH TSP	+1.25
17	53	7/93 RFO	C/L Special Int	VOL		1.73	TTS-CL	+2.45
17	66	7/93 RFO	Bobbin	ODI	87	0.75	13TH TSP	+9.79
17	75	7/93 RFO	C/L Special Int	VOL		0.46	19TH TSP	+1.25
17	77	7/93 RFO	C/L Special Int	VOL		0.73	11TH TSP	+26.61
17	83	7/93 RFO	C/L Special Int	VOL		1.01	14TH TSP	+7.84
17	89	7/93 RFO	Bobbin	ODI	21	1.10	3RD TSP	+21.21
		7/93 RFO	H/L Special Int	VOL		0.99	3RD TSP	+21.37
17	100	7/93 RFO	Bobbin	ADI		6.82	4TH TSP	+7.46
		7/93 RFO	H/L Special Int	VOL		0.98	4TH TSP	+7.58
17	102	7/93 RFO	Bobbin	ADI		5.49	13TH TSP	+19.17
		7/93 RFO	Bobbin	ADI		6.03	22ND TSP	+5.27
		7/93 RFO	Bobbin	ADI		6.56	13TH TSP	+3.26
		7/93 RFO	Bobbin	NQI		1.03	18TH TSP	+7.68
		7/93 RFO	C/L Special Int	VOL		0.39	18TH TSP	+7.68
		7/93 RFO	C/L Special Int	VOL		0.48	13TH TSP	+3.26
		7/93 RFO	C/L Special Int	VOL		0.57	13TH TSP	+19.17
		7/93 RFO	C/L Special Int	VOL		1.16	22ND TSP	+5.24
17	109	7/93 RFO	H/L Tubesheet	VOL		1.21	TTS-HL	-4.01
18	13	7/93 RFO	Bobbin	ADI		5.26	9TH TSP	+17.60
		7/93 RFO	Bobbin	ADI		4.85	10TH TSP	+26.80

BWNT TUBAN II (Version 2.1) 09/12/1994 16:40:10

McGuire Nuclear Station - Unit Two

S/G D

7/93 RFO

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

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ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	C/L Special Int VOL			0.57	10TH TSP	+26.96
18	15	7/93 RFO	C/L Special Int VOL			0.62	12TH TSP	+1.37
		7/93 RFO	C/L Special Int VOL			0.69	11TH TSP	+1.75
18	23	7/93 RFO	C/L Special Int VOL			0.41	20TH TSP	+2.63
18	25	7/93 RFO	Bobbin	40		0.87	TE-HL	+14.94
18	36	7/93 RFO	Bobbin			0.75	3RD TSP	+37.24
		7/93 RFO	H/L Special Int VOL			1.18	4TH TSP	-6.77
18	49	7/93 RFO	H/L Tubesheet	SAI		0.74	TTS-HL	+0.00
18	55	7/93 RFO	Bobbin	ODI	14	0.87	7TH TSP	+23.49
		7/93 RFO	H/L Special Int VOL			0.51	7TH TSP	+23.91
		7/93 RFO	C/L Special Int VOL			0.30	17TH TSP	-2.97
18	70	7/93 RFO	Bobbin	ADI		3.12	2ND TSP	+10.17
		7/93 RFO	Bobbin	ODI	16	0.71	19TH TSP	+1.65
		7/93 RFO	H/L Special Int VOL			0.33	2ND TSP	+9.99
18	75	7/93 RFO	Bobbin	IDI	40	4.20	TE-HL	+6.43
18	89	7/93 RFO	Bobbin	IDI	40	2.43	TE-HL	+4.52
18	99	7/93 RFO	C/L Special Int VOL			0.44	19TH TSP	+5.63
18	101	7/93 RFO	Bobbin	ADI		3.48	5TH TSP	+23.64
		7/93 RFO	H/L Special Int VOL			0.73	5TH TSP	+25.16
18	104	7/93 RFO	Bobbin	ODI	32	1.50	3RD TSP	+16.85
		7/93 RFO	H/L Special Int VOL			0.98	3RD TSP	+16.82
19	39	7/93 RFO	Bobbin	NQI		0.36	2ND TSP	+5.37
		7/93 RFO	Bobbin	NQI		0.37	2ND TSP	+5.44
		7/93 RFO	H/L Special Int VOL			1.36	2ND TSP	+5.49
19	40	7/93 RFO	Bobbin	ODI	16	0.79	6TH TSP	+29.45
		7/93 RFO	Bobbin	ODI	27	0.65	7TH TSP	+29.67
		7/93 RFO	Bobbin	ODI	34	0.56	6TH TSP	+26.92
		7/93 RFO	H/L Special Int VOL			0.61	6TH TSP	+26.82
		7/93 RFO	H/L Special Int VOL			0.70	6TH TSP	+29.20
		7/93 RFO	H/L Special Int VOL			0.85	7TH TSP	+28.69
19	41	7/93 RFO	Bobbin	NQI		0.68	7TH TSP	+21.48
		7/93 RFO	H/L Special Int VOL			0.27	7TH TSP	+21.28
19	49	7/93 RFO	C/L Special Int VOL			0.26	18TH TSP	+8.84
19	57	7/93 RFO	Bobbin	NQI		0.58	9TH TSP	+15.24
19	70	7/93 RFO	C/L Special Int VOL			0.24	12TH TSP	+14.40
		7/93 RFO	C/L Special Int VOL			0.25	13TH TSP	+17.63
		7/93 RFO	C/L Special Int VOL			0.26	13TH TSP	+10.34
		7/93 RFO	C/L Special Int VOL			0.27	14TH TSP	+7.29
		7/93 RFO	C/L Special Int VOL			0.29	13TH TSP	+6.73
		7/93 RFO	C/L Special Int VOL			0.30	13TH TSP	+15.86
		7/93 RFO	C/L Special Int VOL			0.31	13TH TSP	+19.82
		7/93 RFO	C/L Special Int VOL			0.37	12TH TSP	+12.49
		7/93 RFO	C/L Special Int VOL			0.42	13TH TSP	+1.41
		7/93 RFO	C/L Special Int VOL			0.59	13TH TSP	-0.69
		7/93 RFO	C/L Special Int VOL			0.71	13TH TSP	+12.38
19	77	7/93 RFO	Bobbin	ADI		3.52	7TH TSP	+8.06
		7/93 RFO	H/L Special Int VOL			0.48	7TH TSP	+7.65
19	82	7/93 RFO	Bobbin	IDI	40	8.23	TE-HL	+3.69
		7/93 RFO	H/L Special Int VOL			7.29	TE-HL	+3.69
		7/93 RFO	H/L Tubesheet	SAI		0.59	TTS-HL	+0.00
20	9	7/93 RFO	Bobbin	NQI		0.66	13TH TSP	+12.22
		7/93 RFO	C/L Special Int VOL			0.49	13TH TSP	+12.47
20	12	7/93 RFO	Bobbin	ADI		5.19	11TH TSP	+17.48
		7/93 RFO	C/L Special Int VOL			0.65	11TH TSP	+17.25
20	60	7/93 RFO	Bobbin	ADI		7.56	7TH TSP	+31.12
		7/93 RFO	Bobbin	ODI	30	0.92	5TH TSP	+31.12
		7/93 RFO	H/L Special Int VOL			0.58	6TH TSP	-12.88
		7/93 RFO	H/L Special Int VOL			1.35	8TH TSP	-13.35
		7/93 RFO	C/L Special Int VOL			0.41	14TH TSP	+7.07
20	76	7/93 RFO	Bobbin	ODI	6	0.82	12TH TSP	+2.25
		7/93 RFO	C/L Special Int VOL			0.47	10TH TSP	+9.66
		7/93 RFO	C/L Special Int VOL			0.80	12TH TSP	+2.25
20	87	7/93 RFO	H/L Tubesheet	SAI		0.71	TTS-HL	+0.03
20	89	7/93 RFO	C/L Special Int VOL			0.38	18TH TSP	+5.38
20	102	7/93 RFO	C/L Special Int VOL			0.35	19TH TSP	+5.71

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
21	6	7/93 RFO	C/L Special Int VOL			0.76	10TH TSP	+12.93 10TH TSP
21	9	7/93 RFO	Bobbin ADI			3.32	7TH TSP	+25.13 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.75	7TH TSP	+24.93 7TH TSP
		7/93 RFO	C/L Special Int VOL			0.21	21ST TSP	+6.41 20TH TSP
21	10	7/93 RFO	C/L Special Int VOL			0.49	10TH TSP	+23.18 9TH TSP
		7/93 RFO	C/L Special Int VOL			0.11	20TH TSP	+5.16 19TH TSP
21	22	7/93 RFO	C/L Special Int VOL			0.16	20TH TSP	+3.53 19TH TSP
		7/93 RFO	C/L Special Int VOL			0.21	21ST TSP	+2.78 20TH TSP
		7/93 RFO	C/L Special Int VOL			0.45	21ST TSP	+5.18 20TH TSP
21	41	7/93 RFO	Bobbin WAR	13		0.89	3AVB	+0.14 9TH TSP
21	56	7/93 RFO	Bobbin IDI	40		17.75	TE-HL	+0.48 9TH TSP
		7/93 RFO	C/L Special Int VOL			0.26	12TH TSP	-6.61 12TH TSP
21	61	7/93 RFO	C/L Special Int VOL			0.94	11TH TSP	-6.83 11TH TSP
21	65	7/93 RFO	C/L Special Int VOL			0.54	22ND TSP	+9.78 22ND TSP
21	86	7/93 RFO	Bobbin NQI			0.66	11TH TSP	+17.42 9TH TSP
		7/93 RFO	C/L Special Int VOL			0.23	11TH TSP	+17.42 11TH TSP
21	99	7/93 RFO	C/L Special Int VOL			0.57	11TH TSP	+5.37 to +10.75 11TH TSP
22	44	7/93 RFO	Bobbin ODI	16		3.06	9TH TSP	-9.65 9TH TSP
		7/93 RFO	Bobbin ODI	20		1.95	10TH TSP	+34.31 9TH TSP
		7/93 RFO	C/L Special Int VOL			1.54	9TH TSP	-9.41 9TH TSP
22	52	7/93 RFO	Bobbin NQI			0.49	12TH TSP	+40.63 2ND TSP
		7/93 RFO	C/L Special Int VOL			0.27	16TH TSP	+6.17 15TH TSP
		7/93 RFO	C/L Special Int VOL			0.31	12TH TSP	+11.58 11TH TSP
22	60	7/93 RFO	C/L Special Int VOL			0.46	10TH TSP	-13.19 10TH TSP
22	94	7/93 RFO	C/L Special Int VOL			0.36	13TH TSP	+3.96 to +13.64 13TH TSP
22	99	7/93 RFO	Bobbin ODI	14		2.65	2ND TSP	+4.55 9TH TSP
		7/93 RFO	Bobbin ODI	25		1.07	7TH TSP	+37.13 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.79	8TH TSP	-7.97 8TH TSP
		7/93 RFO	H/L Special Int VOL			2.11	2ND TSP	+5.00 2ND TSP
23	10	7/93 RFO	C/L Special Int VOL			0.37	11TH TSP	+8.21 11TH TSP
		7/93 RFO	C/L Special Int VOL			0.39	11TH TSP	+11.41 11TH TSP
23	31	7/93 RFO	Bobbin ODI	32		1.10	22ND TSP	+16.45 9TH TSP
		7/93 RFO	C/L Special Int VOL			0.35	22ND TSP	+10.25 22ND TSP
		7/93 RFO	C/L Special Int VOL			1.16	22ND TSP	+16.89 22ND TSP
23	36	7/93 RFO	Bobbin NQI			0.82	7TH TSP	+42.52 F/L
		7/93 RFO	H/L Special Int VOL			0.77	8TH TSP	-2.04 8TH TSP
23	55	7/93 RFO	C/L Special Int VOL			0.42	11TH TSP	+27.54 11TH TSP
		7/93 RFO	C/L Special Int VOL			0.85	15TH TSP	+2.40 15TH TSP
23	56	7/93 RFO	C/L Special Int VOL			0.50	13TH TSP	+14.05 13TH TSP
23	89	7/93 RFO	C/L Special Int VOL			0.46	TTS-CL	+5.82 22ND TSP
		7/93 RFO	C/L Special Int VOL			0.45	10TH TSP	+16.96 10TH TSP
23	101	7/93 RFO	C/L Special Int VOL			0.16	18TH TSP	+10.77 18TH TSP
23	104	7/93 RFO	Bobbin IDI	40		7.20	TE-HL	+1.27 9TH TSP
		7/93 RFO	H/L Special Int MAI			0.47	TE-HL	+1.83 TTS-HL
24	20	7/93 RFO	Bobbin NQI			0.37	1ST TSP	+11.44 9TH TSP
		7/93 RFO	Bobbin NQI			0.46	1ST TSP	+11.27 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.46	1ST TSP	+11.44 1ST TSP
24	28	7/93 RFO	C/L Special Int VOL			0.39	18TH TSP	+7.36 18TH TSP
24	60	7/93 RFO	C/L Special Int VOL			0.62	12TH TSP	+3.57 12TH TSP
24	72	7/93 RFO	Bobbin ADI			5.37	5TH TSP	+4.17 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.75	5TH TSP	+3.75 5TH TSP
24	100	7/93 RFO	C/L Special Int VOL			1.78	11TH TSP	+5.17 11TH TSP
24	107	7/93 RFO	C/L Special Int VOL			0.64	11TH TSP	-10.20 11TH TSP
25	42	7/93 RFO	Bobbin ADI			3.73	7TH TSP	+4.19 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.48	7TH TSP	+3.93 7TH TSP
25	44	7/93 RFO	C/L Special Int VOL			0.38	11TH TSP	+18.19 11TH TSP
25	47	7/93 RFO	C/L Special Int VOL			0.70	12TH TSP	+19.19 12TH TSP
25	51	7/93 RFO	C/L Special Int VOL			0.71	TTS-CL	+3.18 22ND TSP
25	53	7/93 RFO	Bobbin ADI			5.40	6TH TSP	+14.31 9TH TSP
		7/93 RFO	H/L Special Int VOL			1.03	6TH TSP	+14.07 6TH TSP
25	55	7/93 RFO	Bobbin ADI			0.56	3RD TSP	+29.49 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.59	4TH TSP	-14.62 4TH TSP
25	67	7/93 RFO	Bobbin ODI	10		0.63	4TH TSP	+8.51 9TH TSP
		7/93 RFO	H/L Special Int VOL			0.62	4TH TSP	+8.55 4TH TSP
25	69	7/93 RFO	Bobbin ADI			2.99	3RD TSP	+41.06 9TH TSP

BWNT TUBAN II (Version 2.1) 09/12/1994 16:40:10

McGuire Nuclear Station - Unit Two

S/G D

7/93 RFO

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

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ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	Bobbin	NQI		0.95	3RD TSP	+38.49
		7/93 RFO	Bobbin	ODI	5	0.49	5TH TSP	+23.78
		7/93 RFO	Bobbin	ODI	13	0.61	3RD TSP	+5.90
		7/93 RFO	H/L Special Int	VOL		0.31	3RD TSP	+40.72
		7/93 RFO	H/L Special Int	VOL		0.31	5TH TSP	+23.22
		7/93 RFO	H/L Special Int	VOL		0.42	3RD TSP	+6.20
		7/93 RFO	H/L Special Int	VOL		0.57	3RD TSP	+38.60
25	70	7/93 RFO	C/L Special Int	VOL		0.14	20TH TSP	+1.19
		7/93 RFO	C/L Special Int	VOL		0.28	20TH TSP	+4.49
		7/93 RFO	C/L Special Int	VOL		0.33	20TH TSP	+3.22
25	76	7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+2.58
25	78	7/93 RFO	Bobbin	ODI	29	0.79	4TH TSP	+11.49
		7/93 RFO	H/L Special Int	VOL		0.83	4TH TSP	+11.73
26	10	7/93 RFO	C/L Special Int	VOL		0.25	12TH TSP	+24.78
		7/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+23.09
26	12	7/93 RFO	Bobbin	ODI	26	0.42	5TH TSP	+0.00
26	51	7/93 RFO	Bobbin	ADI		3.80	19TH TSP	+4.50
		7/93 RFO	C/L Special Int	VOL		0.49	19TH TSP	+4.51
26	61	7/93 RFO	Bobbin	IDI	40	6.93	TE-HL	+13.11
26	64	7/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+8.34
26	69	7/93 RFO	C/L Special Int	VOL		0.39	16TH TSP	+2.95
26	78	7/93 RFO	C/L Special Int	VOL		0.14	13TH TSP	+12.14
26	84	7/93 RFO	Bobbin	WAR	13	0.79	1AVB	+0.00
26	86	7/93 RFO	Bobbin	ADI		3.24	19TH TSP	+4.19
		7/93 RFO	C/L Special Int	VOL		0.56	19TH TSP	+3.43
26	87	7/93 RFO	Bobbin	NQI		0.90	3RD TSP	+19.39
		7/93 RFO	H/L Special Int	VOL		1.25	3RD TSP	+20.37
26	89	7/93 RFO	C/L Special Int	VOL		0.46	19TH TSP	+1.27
27	22	7/93 RFO	C/L Special Int	VOL		0.51	11TH TSP	+0.85
		7/93 RFO	C/L Special Int	VOL		0.56	11TH TSP	+2.67
27	41	7/93 RFO	C/L Special Int	VOL		0.55	13TH TSP	+6.93
27	58	7/93 RFO	Bobbin	NQI		1.00	7TH TSP	+34.11
		7/93 RFO	H/L Special Int	VOL		1.10	8TH TSP	-9.82
27	71	7/93 RFO	Bobbin	IDI	40	11.92	TE-HL	+18.12
		7/93 RFO	H/L Tubesheet	MAI		4.43	TTS-HL	-3.10
27	75	7/93 RFO	Bobbin	ADI		1.45	3RD TSP	+10.48
27	76	7/93 RFO	Bobbin	ODI	17	0.79	11TH TSP	+28.38
		7/93 RFO	C/L Special Int	VOL		0.43	11TH TSP	+24.91
27	78	7/93 RFO	Bobbin	ODI	8	0.94	1ST TSP	+12.92
		7/93 RFO	H/L Special Int	VOL		0.54	1ST TSP	+13.03
27	83	7/93 RFO	Bobbin	ADI		0.65	4TH TSP	+11.57
		7/93 RFO	H/L Special Int	VOL		0.35	4TH TSP	+12.08
		7/93 RFO	C/L Special Int	VOL		0.29	16TH TSP	+5.03
27	86	7/93 RFO	C/L Special Int	VOL		0.46	15TH TSP	+3.18
27	95	7/93 RFO	H/L Tubesheet	SAI		1.12	TTS-HL	-0.12
27	98	7/93 RFO	Bobbin	ADI		9.72	20TH TSP	+1.98
		7/93 RFO	C/L Special Int	VOL		0.23	20TH TSP	+1.54
27	101	7/93 RFO	Bobbin	NQI		0.64	10TH TSP	-0.07
28	10	7/93 RFO	C/L Special Int	VOL		0.56	12TH TSP	+16.31
28	21	7/93 RFO	C/L Special Int	VOL		0.19	21ST TSP	+5.45
		7/93 RFO	C/L Special Int	VOL		0.29	18TH TSP	+4.56
		7/93 RFO	C/L Special Int	VOL		0.53	22ND TSP	+10.95
28	35	7/93 RFO	Bobbin	IDI	40	5.45	TE-HL	+2.92
28	50	7/93 RFO	C/L Special Int	VOL		0.69	10TH TSP	-3.20
28	57	7/93 RFO	C/L Special Int	VOL		1.45	22ND TSP	+3.10
28	58	7/93 RFO	C/L Special Int	VOL		0.38	11TH TSP	-8.56
28	62	7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	-1.98
28	70	7/93 RFO	Bobbin	IDI	40	10.60	TE-HL	+17.18
		7/93 RFO	H/L Tubesheet	MAI		4.26	TTS-HL	-4.16
28	75	7/93 RFO	Bobbin	ODI	5	0.71	10TH TSP	+7.35
		7/93 RFO	C/L Special Int	VOL		0.20	10TH TSP	+12.03
		7/93 RFO	C/L Special Int	VOL		0.36	10TH TSP	+6.73
28	90	7/93 RFO	C/L Special Int	VOL		0.50	17TH TSP	-2.42
28	91	7/93 RFO	Bobbin	WAR	4	0.61	17TH TSP	+0.00
28	92	7/93 RFO	H/L Tubesheet	MAI		0.31	TTS-HL	+0.22

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
28	101	7/93 RFO	Bobbin	ADI		2.34	11TH TSP	+32.50
		7/93 RFO	C/L Special Int	VOL		0.52	10TH TSP	-11.41
29	17	7/93 RFO	C/L Special Int	VOL		0.26	15TH TSP	+6.70
29	26	7/93 RFO	C/L Special Int	VOL		0.56	9TH TSP	-5.37
29	39	7/93 RFO	C/L Special Int	VOL		1.20	10TH TSP	+21.81
29	40	7/93 RFO	C/L Special Int	VOL		0.37	10TH TSP	+15.31
		7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+9.44
		7/93 RFO	C/L Special Int	VOL		0.46	10TH TSP	+11.84
29	59	7/93 RFO	Bobbin	ODI	13	0.90	18TH TSP	+5.21
		7/93 RFO	C/L Special Int	VOL		0.57	18TH TSP	+4.13
29	66	7/93 RFO	C/L Special Int	VOL		0.29	18TH TSP	+7.73
29	69	7/93 RFO	Bobbin	NQI		0.45	4TH TSP	+21.17
		7/93 RFO	H/L Special Int	VOL		0.54	4TH TSP	+20.99
29	72	7/93 RFO	Bobbin	NQI		0.84	3RD TSP	+29.34
		7/93 RFO	H/L Special Int	VOL		0.53	4TH TSP	-14.75
29	73	7/93 RFO	Bobbin	ODI	7	0.78	4TH TSP	+10.36
		7/93 RFO	H/L Special Int	VOL		0.59	4TH TSP	+10.31
29	76	7/93 RFO	Bobbin	IDI	40	7.73	TE-HL	+15.86
		7/93 RFO	Bobbin	IDI	40	11.26	TE-HL	+10.33
29	82	7/93 RFO	C/L Special Int	VOL		0.34	11TH TSP	-9.47
29	103	7/93 RFO	Bobbin	IDI	40	17.70	TE-HL	+18.12
		7/93 RFO	H/L Tubesheet	MAI		2.55	TTS-HL	-3.15
30	15	7/93 RFO	Bobbin	ADI		3.50	10TH TSP	+41.96
		7/93 RFO	C/L Special Int	VOL		0.70	9TH TSP	-2.18
30	21	7/93 RFO	C/L Special Int	VOL		0.34	10TH TSP	+10.50
30	26	7/93 RFO	C/L Special Int	VOL		0.37	15TH TSP	+8.97
		7/93 RFO	C/L Special Int	VOL		1.46	14TH TSP	+4.58
30	43	7/93 RFO	C/L Special Int	VOL		0.32	16TH TSP	-4.22
30	51	7/93 RFO	Bobbin	ADI		2.77	5TH TSP	+39.64
30	60	7/93 RFO	Bobbin	ODI	17	0.52	3RD TSP	+4.22
		7/93 RFO	H/L Special Int	VOL		0.32	3RD TSP	+4.17
30	66	7/93 RFO	Bobbin	ODI	12	1.06	7TH TSP	+23.97
30	78	7/93 RFO	H/L Tubesheet	SAI		1.77	TTS-HL	-3.16
30	88	7/93 RFO	Bobbin	IDI	40	13.37	TE-HL	+18.05
		7/93 RFO	H/L Tubesheet	MAI		2.15	TTS-HL	-3.01
30	98	7/93 RFO	H/L Tubesheet	SAI		1.25	TTS-HL	+0.12
31	16	7/93 RFO	C/L Special Int	VOL		0.73	10TH TSP	-2.29
31	34	7/93 RFO	Bobbin	ADI		3.83	10TH TSP	+3.74
		7/93 RFO	C/L Special Int	VOL		0.84	10TH TSP	+3.76
31	38	7/93 RFO	Bobbin	WAR	20	1.29	3AVB	+0.00
31	42	7/93 RFO	C/L Special Int	VOL		0.78	18TH TSP	+5.14
31	49	7/93 RFO	H/L Special Int	VOL		1.63	6TH TSP	+13.44
31	79	7/93 RFO	C/L Special Int	VOL		0.18	10TH TSP	+16.08
		7/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	+3.40
31	91	7/93 RFO	Bobbin	ODI	7	1.96	4TH TSP	+16.84
		7/93 RFO	H/L Special Int	VOL		1.55	4TH TSP	+16.63
31	101	7/93 RFO	U-Bend	VOL		0.46	3AVB	+9.93
		7/93 RFO	Bobbin	ADI		10.46	3AVB	-9.59
31	102	7/93 RFO	C/L Special Int	VOL		0.91	11TH TSP	-16.22
32	12	7/93 RFO	Bobbin	ADI		3.36	6TH TSP	+25.52
		7/93 RFO	H/L Special Int	VOL		0.41	6TH TSP	+25.53
32	17	7/93 RFO	C/L Special Int	VOL		0.66	12TH TSP	+6.61
32	26	7/93 RFO	C/L Special Int	VOL		0.39	13TH TSP	+12.65
		7/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	+13.58
32	28	7/93 RFO	C/L Special Int	VOL		0.39	18TH TSP	+9.18
32	46	7/93 RFO	C/L Special Int	VOL		0.41	11TH TSP	+23.86
		7/93 RFO	C/L Special Int	VOL		0.67	10TH TSP	+5.48
		7/93 RFO	C/L Special Int	VOL		0.91	10TH TSP	+9.31
32	59	7/93 RFO	H/L Tubesheet	MAI		3.95	TTS-HL	-4.71
32	65	7/93 RFO	Bobbin	ADI		3.51	11TH TSP	+37.01
		7/93 RFO	C/L Special Int	VOL		0.38	10TH TSP	-7.35
32	83	7/93 RFO	Bobbin	ADI		7.51	12TH TSP	+20.79
		7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	+19.62
32	99	7/93 RFO	Bobbin	IDI	40	2.04	TE-HL	+10.76
		7/93 RFO	H/L Special Int	MAI		2.08	TE-HL	+10.84

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1
33	12	7/93 RFO	C/L Special Int VOL			0.51	11TH TSP +39.86	11TH TSP
33	13	7/93 RFO	C/L Special Int VOL			0.62	12TH TSP +27.56	12TH TSP
33	14	7/93 RFO	C/L Special Int VOL			1.19	13TH TSP +4.17	13TH TSP
33	21	7/93 RFO	C/L Special Int VOL			0.84	22ND TSP +10.75	22ND TSP
33	33	7/93 RFO	C/L Special Int VOL			0.40	11TH TSP +9.00	11TH TSP
33	38	7/93 RFO	C/L Special Int VOL			0.69	10TH TSP +15.76	10TH TSP
33	45	7/93 RFO	C/L Special Int VOL			0.55	22ND TSP +12.07	22ND TSP
33	59	7/93 RFO	Bobbin ADI			4.77	11TH TSP +1.21	9TH TSP
		7/93 RFO	Bobbin ADI			8.39	10TH TSP +20.29	9TH TSP
		7/93 RFO	C/L Special Int VOL			1.03	10TH TSP +19.01	10TH TSP
		7/93 RFO	C/L Special Int VOL			2.47	11TH TSP +0.75	11TH TSP
33	79	7/93 RFO	Bobbin ADI			6.78	7TH TSP +32.07	9TH TSP
		7/93 RFO	Bobbin ODI	2		1.96	7TH TSP +27.15	9TH TSP
		7/93 RFO	H/L Special Int VOL			0.56	8TH TSP -12.30	8TH TSP
		7/93 RFO	H/L Special Int VOL			0.62	8TH TSP -8.95	8TH TSP
		7/93 RFO	H/L Special Int VOL			0.77	8TH TSP -16.78	8TH TSP
33	87	7/93 RFO	C/L Special Int VOL			0.51	12TH TSP -8.85	12TH TSP
33	88	7/93 RFO	Bobbin ODI	6		1.98	1ST TSP +14.68	9TH TSP
		7/93 RFO	H/L Special Int VOL			0.87	1ST TSP +15.01	2ND TSP
33	93	7/93 RFO	C/L Special Int VOL			0.52	10TH TSP +7.79	10TH TSP
33	97	7/93 RFO	H/L Tubesheet SAI			0.65	TTS-HL +0.15	TTS-HL
34	17	7/93 RFO	C/L Special Int VOL			0.62	10TH TSP +8.72	10TH TSP
34	27	7/93 RFO	Bobbin WAR	21		1.60	3AVB +0.00	9TH TSP
34	33	7/93 RFO	Bobbin ODI	19		2.71	2ND TSP +14.14	9TH TSP
		7/93 RFO	H/L Special Int VOL			1.07	2ND TSP +14.26	2ND TSP
34	36	7/93 RFO	Bobbin ADI			3.86	22ND TSP +12.52	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.18	22ND TSP +12.20	22ND TSP
34	40	7/93 RFO	C/L Special Int VOL			0.40	13TH TSP +1.99	13TH TSP
34	44	7/93 RFO	Bobbin NQI			0.80	4AVB -19.47	9TH TSP
		7/93 RFO	U-Bend VOL			0.65	9TH TSP +5.40	3AVB
		7/93 RFO	Bobbin NQI			0.71	9TH TSP +5.12	9TH TSP
34	46	7/93 RFO	Bobbin NQI			1.28	3AVB -5.90	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.98	22ND TSP +13.74	22ND TSP
		7/93 RFO	C/L Special Int VOL			1.53	21ST TSP -6.45	21ST TSP
34	63	7/93 RFO	Bobbin ADI			2.14	12TH TSP +36.41	9TH TSP
		7/93 RFO	Bobbin ADI			3.34	12TH TSP +31.05	9TH TSP
		7/93 RFO	Bobbin ADI			4.89	11TH TSP +2.40	9TH TSP
		7/93 RFO	Bobbin ADI			4.93	11TH TSP +5.33	9TH TSP
		7/93 RFO	Bobbin ADI			5.22	13TH TSP +13.87	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.15	11TH TSP -7.70	11TH TSP
		7/93 RFO	C/L Special Int VOL			0.24	11TH TSP -12.98	11TH TSP
		7/93 RFO	C/L Special Int VOL			0.72	11TH TSP +2.01	11TH TSP
		7/93 RFO	C/L Special Int VOL			0.89	13TH TSP +13.22	13TH TSP
		7/93 RFO	C/L Special Int VOL			0.93	11TH TSP +4.99	11TH TSP
34	70	7/93 RFO	Bobbin ADI			3.95	13TH TSP +6.45	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.60	13TH TSP +6.37	13TH TSP
34	78	7/93 RFO	C/L Special Int VOL			0.34	10TH TSP +15.01	10TH TSP
34	79	7/93 RFO	C/L Special Int VOL			0.27	9TH TSP -6.84	9TH TSP
34	80	7/93 RFO	C/L Special Int VOL			0.48	11TH TSP +27.93	11TH TSP
34	94	7/93 RFO	Bobbin ADI			3.29	12TH TSP +39.46	9TH TSP
34	102	7/93 RFO	C/L Special Int VOL			0.44	12TH TSP +8.49	12TH TSP
35	39	7/93 RFO	Bobbin WAR	13		0.85	4AVB +0.00	9TH TSP
35	40	7/93 RFO	Bobbin WAR	15		1.13	2AVB +0.00	9TH TSP
35	45	7/93 RFO	C/L Special Int VOL			0.56	11TH TSP -12.33	11TH TSP
35	51	7/93 RFO	Bobbin WAR	14		0.95	1AVB +0.00	9TH TSP
35	52	7/93 RFO	C/L Special Int VOL			0.54	13TH TSP +16.07	13TH TSP
35	56	7/93 RFO	C/L Special Int VOL			0.58	10TH TSP +2.07	10TH TSP
		7/93 RFO	C/L Special Int VOL			0.59	10TH TSP +4.16	10TH TSP
35	72	7/93 RFO	Bobbin ADI			7.22	22ND TSP +9.92	9TH TSP
		7/93 RFO	C/L Special Int VOL			0.55	22ND TSP +9.22	22ND TSP
35	76	7/93 RFO	Bobbin ADI			4.08	5TH TSP +32.19	9TH TSP
		7/93 RFO	H/L Special Int VOL			0.64	6TH TSP -12.45	6TH TSP
35	96	7/93 RFO	C/L Special Int VOL			1.10	10TH TSP +17.44	10TH TSP
36	26	7/93 RFO	Bobbin ADI			6.40	7TH TSP +18.89	9TH TSP
		7/93 RFO	H/L Special Int VOL			0.47	7TH TSP +22.20	7TH TSP

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
		7/93 RFO	H/L Special Int VOL			0.58	7TH TSP	+18.83
36	39	7/93 RFO	Bobbin WAR	17		1.22	2AVB	+0.00
		7/93 RFO	Bobbin ADI			4.56	12TH TSP	+33.83
		7/93 RFO	C/L Special Int VOL			0.90	11TH TSP	+6.40
		7/93 RFO	C/L Special Int VOL			1.40	11TH TSP	-10.02
36	42	7/93 RFO	C/L Special Int VOL			0.30	22ND TSP	+11.70
		7/93 RFO	C/L Special Int VOL			0.33	22ND TSP	+7.54
36	49	7/93 RFO	Bobbin WAR	15		1.00	1AVB	+0.00
36	51	7/93 RFO	Bobbin WAR	13		0.93	1AVB	+0.00
36	53	7/93 RFO	Bobbin WAR	11		0.79	1AVB	+0.00
		7/93 RFO	Bobbin ADI			5.00	11TH TSP	+5.05
		7/93 RFO	C/L Special Int VOL			0.31	11TH TSP	+5.03
36	74	7/93 RFO	C/L Special Int VOL			0.33	18TH TSP	+5.00
36	78	7/93 RFO	Bobbin ADI			3.78	7TH TSP	+10.15
		7/93 RFO	H/L Special Int VOL			0.43	7TH TSP	+9.92
36	79	7/93 RFO	H/L Tubesheet SAI			20.49	TTS-HL	+0.01
36	91	7/93 RFO	Bobbin ADI			0.64	3RD TSP	+12.34
36	100	7/93 RFO	Bobbin ADI			3.65	12TH TSP	+33.34
37	23	7/93 RFO	Bobbin ADI			4.82	3RD TSP	+18.08
		7/93 RFO	H/L Special Int VOL			0.36	3RD TSP	+13.17
		7/93 RFO	H/L Special Int VOL			0.64	3RD TSP	+15.02
		7/93 RFO	H/L Special Int VOL			0.95	3RD TSP	+18.21
37	29	7/93 RFO	Bobbin ADI			5.35	18TH TSP	+14.54
		7/93 RFO	C/L Special Int VOL			0.71	17TH TSP	-6.51
37	35	7/93 RFO	Bobbin WAR	14		0.92	3AVB	+0.00
37	37	7/93 RFO	C/L Special Int VOL			0.66	20TH TSP	+2.69
37	40	7/93 RFO	C/L Special Int VOL			0.47	12TH TSP	+18.41
37	46	7/93 RFO	Bobbin ADI			9.84	18TH TSP	+10.73
		7/93 RFO	C/L Special Int VOL			0.77	18TH TSP	+10.42
		7/93 RFO	C/L Special Int VOL			1.24	14TH TSP	+4.06
37	47	7/93 RFO	Bobbin ODI	9		0.63	7TH TSP	+36.64
		7/93 RFO	Bobbin ODI	11		0.71	7TH TSP	+39.24
		7/93 RFO	H/L Special Int VOL			0.41	8TH TSP	-4.88
		7/93 RFO	H/L Special Int VOL			0.51	8TH TSP	-7.42
		7/93 RFO	C/L Special Int VOL			0.63	13TH TSP	+8.20
37	54	7/93 RFO	Bobbin WAR	15		1.00	3AVB	+0.00
		7/93 RFO	Bobbin WAR	16		1.11	1AVB	+0.00
37	69	7/93 RFO	C/L Special Int VOL			0.37	22ND TSP	+14.39
37	75	7/93 RFO	C/L Special Int VOL			0.55	9TH TSP	-6.13
37	78	7/93 RFO	Bobbin ODI	6		1.49	6TH TSP	+28.49
		7/93 RFO	H/L Special Int VOL			0.80	6TH TSP	+28.28
38	35	7/93 RFO	Bobbin ODI	9		1.56	19TH TSP	+4.71
		7/93 RFO	C/L Special Int VOL			0.61	19TH TSP	+3.73
38	38	7/93 RFO	U-Bend VOL			0.81	3AVB	+0.00
		7/93 RFO	Bobbin WAR	25		2.13	3AVB	+0.00
38	40	7/93 RFO	Bobbin ADI			5.24	11TH TSP	+37.64
		7/93 RFO	C/L Special Int VOL			0.68	11TH TSP	+32.40
		7/93 RFO	C/L Special Int VOL			1.26	11TH TSP	+37.64
38	43	7/93 RFO	Bobbin WAR	16		1.12	1AVB	+0.00
38	46	7/93 RFO	Bobbin WAR	19		1.38	1AVB	+0.00
38	49	7/93 RFO	Bobbin WAR	10		0.68	1AVB	+0.00
		7/93 RFO	Bobbin WAR	13		0.89	2AVB	+0.00
		7/93 RFO	Bobbin WAR	19		1.41	3AVB	+0.00
38	50	7/93 RFO	Bobbin WAR	13		0.85	1AVB	+0.00
38	51	7/93 RFO	Bobbin WAR	19		1.44	1AVB	+0.00
38	56	7/93 RFO	Bobbin IDI	40		13.38	TE-HL	+16.24
38	57	7/93 RFO	Bobbin ADI			6.11	8TH TSP	+8.60
		7/93 RFO	U-Bend VOL			0.95	8TH TSP	+8.77
		7/93 RFO	Bobbin ADI			2.08	11TH TSP	+30.23
38	63	7/93 RFO	U-Bend VOL			0.92	1AVB	+0.00
		7/93 RFO	U-Bend VOL			1.20	2AVB	+0.00
		7/93 RFO	Bobbin WAR	20		1.45	1AVB	+0.00
		7/93 RFO	Bobbin WAR	22		1.74	2AVB	+0.00
38	68	7/93 RFO	C/L Special Int VOL			0.81	22ND TSP	+2.39
38	70	7/93 RFO	C/L Special Int VOL			0.54	10TH TSP	-9.94

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	EXTENT1
38	85	7/93 RFO	Bobbin	ADI		2.28	3RD TSP	+12.00
		7/93 RFO	Bobbin	ADI		2.66	3RD TSP	+19.63
		7/93 RFO	Bobbin	ADI		2.79	6TH TSP	+33.06
		7/93 RFO	H/L Special Int	VOL		0.38	7TH TSP	-11.38
		7/93 RFO	H/L Special Int	VOL		0.50	7TH TSP	-7.25
38	90	7/93 RFO	C/L Special Int	VOL		0.37	15TH TSP	+3.45
39	18	7/93 RFO	C/L Special Int	VOL		0.35	11TH TSP	+3.25
39	20	7/93 RFO	Bobbin	WAR	8	0.54	2AVB	+0.00
		7/93 RFO	Bobbin	ADI		2.74	12TH TSP	+12.65
		7/93 RFO	C/L Special Int	VOL		0.59	12TH TSP	+12.36
39	22	7/93 RFO	Bobbin	WAR	12	0.77	3AVB	+0.00
		7/93 RFO	Bobbin	WAR	13	0.87	1AVB	+0.00
39	29	7/93 RFO	Bobbin	ODI	30	0.82	10TH TSP	+7.81
		7/93 RFO	C/L Special Int	VOL		0.44	10TH TSP	+8.88
39	33	7/93 RFO	Bobbin	NQI		0.75	13TH TSP	+16.41
		7/93 RFO	C/L Special Int	VOL		0.79	12TH TSP	-7.01
39	36	7/93 RFO	Bobbin	WAR	9	0.60	3AVB	+0.00
39	42	7/93 RFO	Bobbin	ADI		2.48	11TH TSP	+11.04
		7/93 RFO	C/L Special Int	VOL		0.51	14TH TSP	+5.10
		7/93 RFO	C/L Special Int	VOL		0.76	11TH TSP	+12.01
39	44	7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+5.61
39	50	7/93 RFO	Bobbin	WAR	20	1.49	1AVB	+0.00
		7/93 RFO	C/L Special Int	VOL		1.17	13TH TSP	+2.60
39	66	7/93 RFO	H/L Tubesheet	VOL		1.29	TTS-HL	-0.51
39	74	7/93 RFO	Bobbin	ADI		5.35	11TH TSP	+26.57
		7/93 RFO	C/L Special Int	VOL		0.92	11TH TSP	+23.29
39	80	7/93 RFO	Bobbin	WAR	11	0.72	1AVB	+0.00
39	96	7/93 RFO	Bobbin	ODI	12	1.57	4TH TSP	+34.81
		7/93 RFO	H/L Special Int	VOL		0.97	5TH TSP	-9.43
40	29	7/93 RFO	C/L Special Int	VOL		0.27	22ND TSP	+7.19
		7/93 RFO	C/L Special Int	VOL		0.38	22ND TSP	+14.50
40	51	7/93 RFO	C/L Special Int	VOL		1.38	11TH TSP	+24.00
40	70	7/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	+15.74
40	72	7/93 RFO	C/L Special Int	VOL		0.32	17TH TSP	-6.36
		7/93 RFO	C/L Special Int	VOL		0.74	17TH TSP	-0.26
40	74	7/93 RFO	Bobbin	ADI		4.56	22ND TSP	+11.27
		7/93 RFO	C/L Special Int	VOL		1.11	22ND TSP	+9.71
40	79	7/93 RFO	Bobbin	IDI	40	5.07	TE-HL	+13.15
		7/93 RFO	Bobbin	IDI	40	11.60	TE-HL	+17.19
		7/93 RFO	H/L Tubesheet	MAI		1.57	TTS-HL	-3.37
40	87	7/93 RFO	C/L Special Int	VOL		0.77	12TH TSP	-6.21
41	28	7/93 RFO	C/L Special Int	VOL		0.26	15TH TSP	+9.56
41	29	7/93 RFO	C/L Special Int	VOL		0.75	11TH TSP	-9.75
41	30	7/93 RFO	Bobbin	NQI		0.30	9TH TSP	+24.33
41	38	7/93 RFO	Bobbin	WAR	12	0.71	1AVB	+0.00
41	41	7/93 RFO	C/L Special Int	VOL		0.26	15TH TSP	+7.66
41	45	7/93 RFO	C/L Special Int	VOL		0.48	21ST TSP	-0.48
		7/93 RFO	C/L Special Int	VOL		0.56	21ST TSP	+4.67
		7/93 RFO	C/L Special Int	VOL		1.23	21ST TSP	+2.41
41	59	7/93 RFO	Bobbin	WAR	6	0.83	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.72	17TH TSP	+0.00
41	73	7/93 RFO	H/L Tubesheet	MAI		0.24	TTS-HL	+0.01
41	83	7/93 RFO	Bobbin	WAR	12	0.75	1AVB	+0.00
		7/93 RFO	H/L Tubesheet	SAI		0.56	TTS-HL	-3.98
42	30	7/93 RFO	Bobbin	NQI		0.73	13TH TSP	+18.37
		7/93 RFO	C/L Special Int	VOL		1.25	12TH TSP	-4.40
42	31	7/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+17.10
		7/93 RFO	C/L Special Int	VOL		0.60	12TH TSP	+5.92
42	35	7/93 RFO	Bobbin	ADI		1.30	7TH TSP	+24.06
		7/93 RFO	H/L Special Int	VOL		0.28	7TH TSP	+24.13
42	37	7/93 RFO	Bobbin	WAR	10	0.59	2AVB	+0.00
42	43	7/93 RFO	Bobbin	WAR	21	1.49	1AVB	+0.00
		7/93 RFO	Bobbin	NQI		1.00	13TH TSP	+17.87
		7/93 RFO	C/L Special Int	VOL		0.78	13TH TSP	+17.85
42	45	7/93 RFO	Bobbin	WAR	16	1.05	1AVB	+0.00

Bobbin, C/L Special Interest, H/L Special Interest, H/L Tubesheet, Sleeve Crosswound, U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
42	49	7/93 RFO	Bobbin	IDI	40	3.22	TE-HL	+14.49
		7/93 RFO	Bobbin	NQI		1.92	18TH TSP	+5.27
		7/93 RFO	C/L Special Int	VOL		0.40	18TH TSP	+0.73
		7/93 RFO	C/L Special Int	VOL		0.46	18TH TSP	+4.03
		7/93 RFO	C/L Special Int	VOL		1.12	18TH TSP	+6.16
42	53	7/93 RFO	Bobbin	WAR	9	0.51	2AVB	+0.00
		7/93 RFO	Bobbin	WAR	16	1.05	1AVB	+0.00
42	73	7/93 RFO	Bobbin	IDI	40	11.70	TE-HL	+17.01
		7/93 RFO	H/L Tubesheet	MAI		6.75	TTS-HL	-3.57
43	25	7/93 RFO	C/L Special Int	VOL		0.23	20TH TSP	+1.60
43	37	7/93 RFO	Bobbin	NQI		0.40	15TH TSP	+18.19
		7/93 RFO	C/L Special Int	VOL		0.44	15TH TSP	+18.32
		7/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+2.15
43	40	7/93 RFO	C/L Special Int	VOL		0.15	22ND TSP	+5.02
		7/93 RFO	C/L Special Int	VOL		0.17	22ND TSP	+7.92
		7/93 RFO	C/L Special Int	VOL		0.26	22ND TSP	+2.16
43	52	7/93 RFO	Bobbin	WAR	24	0.99	2AVB	+0.00
43	55	7/93 RFO	Bobbin	WAR	10	0.57	1AVB	+0.00
43	62	7/93 RFO	U-Bend	VOL		0.42	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	23	1.80	1AVB	+0.00
43	63	7/93 RFO	Bobbin	WAR	16	1.14	1AVB	+0.00
43	65	7/93 RFO	U-Bend	VOL		0.71	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	22	1.75	1AVE	+0.00
43	66	7/93 RFO	Bobbin	WAR	11	0.76	1AVE	+0.00
43	67	7/93 RFO	Bobbin	WAR	16	1.15	1AVE	+0.00
43	68	7/93 RFO	Bobbin	WAR	17	1.22	1AVE	+0.00
43	70	7/93 RFO	Bobbin	WAR	16	1.10	1AVE	+0.00
43	71	7/93 RFO	U-Bend	VOL		1.06	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	20	1.46	1AVE	+0.00
43	86	7/93 RFO	C/L Special Int	VOL		0.45	13TH TSP	+7.73
		7/93 RFO	C/L Special Int	VOL		0.48	18TH TSP	-1.16
		7/93 RFO	C/L Special Int	VOL		0.52	13TH TSP	+3.88
44	27	7/93 RFO	Bobbin	ODI	60	0.51	15TH TSP	+7.35
		7/93 RFO	C/L Special Int	SAI		0.43	15TH TSP	+7.25
44	35	7/93 RFO	Bobbin	ADI		5.91	22ND TSP	+10.29
		7/93 RFO	Bobbin	ADI		6.84	18TH TSP	+6.13
		7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+5.88
		7/93 RFO	C/L Special Int	VOL		1.16	22ND TSP	+5.29
		7/93 RFO	C/L Special Int	VOL		1.31	22ND TSP	+7.86
		7/93 RFO	C/L Special Int	VOL		1.41	22ND TSP	+9.88
44	37	7/93 RFO	C/L Special Int	VOL		1.06	17TH TSP	+17.37
44	39	7/93 RFO	Bobbin	ADI		4.82	11TH TSP	+41.41
		7/93 RFO	C/L Special Int	VOL		0.38	10TH TSP	-3.20
44	41	7/93 RFO	C/L Special Int	VOL		0.40	11TH TSP	-1.70
44	46	7/93 RFO	Bobbin	WAR	28	2.25	1AVB	+0.00
44	51	7/93 RFO	Bobbin	WAR	16	1.04	1AVB	+0.00
		7/93 RFO	Bobbin	WAR	11	1.62	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.88	17TH TSP	+0.00
44	52	7/93 RFO	Bobbin	WAR	13	0.81	1AVE	+0.00
44	54	7/93 RFO	Bobbin	WAR	11	0.64	1AVE	+0.00
44	56	7/93 RFO	Bobbin	ADI		4.55	17TH TSP	+14.68
		7/93 RFO	C/L Special Int	VOL		0.87	17TH TSP	+14.46
44	57	7/93 RFO	Bobbin	WAR	8	1.25	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		0.70	17TH TSP	+0.00
44	62	7/93 RFO	U-Bend	VOL		0.65	1AVE	+0.00
		7/93 RFO	Bobbin	WAR	17	1.23	1AVE	+0.00
44	63	7/93 RFO	Bobbin	ADI		3.53	7TH TSP	+16.45
		7/93 RFO	H/L Special Int	VOL		0.63	7TH TSP	+19.41
		7/93 RFO	H/L Special Int	VOL		0.80	7TH TSP	+17.53
		7/93 RFO	H/L Special Int	VOL		1.02	7TH TSP	+7.49
44	72	7/93 RFO	Bobbin	ADI		2.41	7TH TSP	+26.30
44	74	7/93 RFO	Bobbin	ADI		5.60	4TH TSP	+17.36
		7/93 RFO	H/L Special Int	VOL		1.43	4TH TSP	+18.26
44	82	7/93 RFO	H/L Tubesheet	SAI		0.65	TTS-HL	+0.19
44	87	7/93 RFO	Bobbin	IDI	40	9.91	TE-HL	+10.37

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,Sleeve Crosswound,U-Bend

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1	
		7/93 RFO	H/L Special Int	MAI		1.48	TTS-HL	-12.48	TTS-HL
		7/93 RFO	H/L Special Int	SAI		0.53	TTS-HL	+0.00	TTS-HL
45	32	7/93 RFO	C/L Special Int	VOL		0.12	13TH TSP	+12.06	13TH TSP
45	36	7/93 RFO	C/L Special Int	VOL		0.36	10TH TSP	+14.72	10TH TSP
45	40	7/93 RFO	Bobbin	IDI	40	4.09	TE-HL	+6.13	9TH TSP
45	47	7/93 RFO	Bobbin	WAR	8	0.48	3AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	WAR	9	0.54	2AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	WAR	16	1.01	1AVB	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+26.74	12TH TSP
45	53	7/93 RFO	Bobbin	ADI		2.22	2AVB	+22.61	9TH TSP
45	54	7/93 RFO	U-Bend	VOL		0.45	1AVB	+0.00	8TH TSP
		7/93 RFO	Bobbin	WAR	11	0.67	2AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	WAR	19	1.29	1AVB	+0.00	9TH TSP
45	60	7/93 RFO	Bobbin	WAR	9	1.35	16TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.98	16TH TSP	+0.13	16TH TSP
45	62	7/93 RFO	C/L Special Int	VOL		0.61	9TH TSP	-4.66	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.36	9TH TSP	-1.05	9TH TSP
45	64	7/93 RFO	Bobbin	WAR	8	1.21	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.29	17TH TSP	+0.00	17TH TSP
45	74	7/93 RFO	C/L Special Int	VOL		0.79	10TH TSP	+9.61	10TH TSP
45	89	7/93 RFO	Bobbin	ADI		6.79	13TH TSP	-5.58	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.27	13TH TSP	+4.74	13TH TSP
45	90	7/93 RFO	Bobbin	ADI		3.22	11TH TSP	+15.42	9TH TSP
		7/93 RFO	C/L Special Int	VOL		2.77	11TH TSP	+14.89	11TH TSP
46	26	7/93 RFO	Bobbin	ODI	15	1.35	7TH TSP	+1.64	9TH TSP
46	39	7/93 RFO	C/L Special Int	VOL		0.79	22ND TSP	+7.10	22ND TSP
46	40	7/93 RFO	C/L Special Int	VOL		0.47	13TH TSP	+15.45	13TH TSP
46	59	7/93 RFO	Bobbin	WAR	14	2.17	18TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.97	18TH TSP	-0.22	18TH TSP
46	62	7/93 RFO	Bobbin	ADI		3.93	12TH TSP	+4.34	9TH TSP
46	63	7/93 RFO	U-Bend	VOL		1.18	1AVB	+0.00	8TH TSP
		7/93 RFO	Bobbin	ODI	16	1.12	1AVB	+0.00	9TH TSP
		7/93 RFO	Bobbin	IDI	40	2.69	TE-HL	+16.20	9TH TSP
46	68	7/93 RFO	C/L Special Int	VOL		0.40	22ND TSP	+12.08	21ST TSP
46	71	7/93 RFO	C/L Special Int	VOL		0.42	TTS-CL	+3.63	22ND TSP
		7/93 RFO	C/L Special Int	VOL		0.48	TTS-CL	+2.55	22ND TSP
46	72	7/93 RFO	U-Bend	VOL		0.92	1AVB	+0.00	8TH TSP
		7/93 RFO	Bobbin	WAR	17	1.23	1AVB	+0.00	9TH TSP
46	74	7/93 RFO	Bobbin	WAR	12	0.83	1AVB	+0.00	9TH TSP
46	75	7/93 RFO	H/L Tubesheet	MAI		1.13	TTS-HL	-3.49	TTS-HL
46	76	7/93 RFO	Bobbin	ADI		5.22	5TH TSP	+28.29	9TH TSP
		7/93 RFO	H/L Special Int	VOL		1.75	6TH TSP	-15.91	6TH TSP
47	31	7/93 RFO	C/L Special Int	VOL		0.32	21ST TSP	+3.28	21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.49	11TH TSP	+4.69	11TH TSP
47	38	7/93 RFO	C/L Special Int	VOL		0.43	12TH TSP	+23.58	12TH TSP
47	39	7/93 RFO	Bobbin	WAR	17	2.76	18TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.68	18TH TSP	+0.00	18TH TSP
47	40	7/93 RFO	Bobbin	WAR	11	1.61	18TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.42	18TH TSP	+0.12	18TH TSP
47	43	7/93 RFO	C/L Special Int	VOL		0.59	18TH TSP	+9.21	18TH TSP
47	50	7/93 RFO	Bobbin	WAR	16	2.51	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.66	17TH TSP	-0.16	17TH TSP
47	51	7/93 RFO	Bobbin	WAR	16	2.45	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.60	17TH TSP	-0.22	17TH TSP
47	53	7/93 RFO	H/L Tubesheet	MAI		0.42	TTS-HL	-2.59	TTS-HL
47	55	7/93 RFO	Bobbin	WAR	7	1.08	15TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.48	15TH TSP	+0.00	15TH TSP
47	59	7/93 RFO	C/L Special Int	VOL		0.71	12TH TSP	+4.23	12TH TSP
47	60	7/93 RFO	C/L Special Int	VOL		0.65	10TH TSP	-9.33	10TH TSP
47	61	7/93 RFO	Bobbin	WAR	9	1.35	17TH TSP	+0.07	9TH TSP
47	62	7/93 RFO	Bobbin	WAR	18	2.88	17TH TSP	+0.00	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.10	17TH TSP	-0.23	17TH TSP
47	67	7/93 RFO	Bobbin	ODI	5	3.57	11TH TSP	+23.47	9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.29	11TH TSP	+22.64	11TH TSP
48	35	7/93 RFO	C/L Special Int	VOL		0.22	11TH TSP	-12.64	11TH TSP

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

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ROW	COL	OUTAGE	TEST TYPE	IND	WTW	VOLTS	LOCATION	EXTENT1
48	36	7/93 RFO	Bobbin	WAR	10	1.53	18TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.20	17TH TSP	+14.51 17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	-0.07 18TH TSP
48	38	7/93 RFO	Bobbin	WAR	11	1.60	20TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.39	20TH TSP	-0.19 20TH TSP
48	40	7/93 RFO	Bobbin	WAR	8	1.19	20TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	24	4.23	18TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.53	20TH TSP	+0.00 20TH TSP
		7/93 RFO	C/L Special Int	VOL		0.91	18TH TSP	+0.00 18TH TSP
48	46	7/93 RFO	Bobbin	WAR	9	1.34	20TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.54	20TH TSP	-0.17 20TH TSP
48	48	7/93 RFO	Bobbin	ADI		4.12	12TH TSP	+8.92 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+0.00 18TH TSP
		7/93 RFO	C/L Special Int	VOL		0.45	12TH TSP	+7.90 12TH TSP
48	50	7/93 RFO	Bobbin	WAR	6	0.84	17TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	10	1.52	18TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.93	17TH TSP	-0.18 17TH TSP
		7/93 RFO	C/L Special Int	VOL		0.94	18TH TSP	-0.15 18TH TSP
48	56	7/93 RFO	Bobbin	WAR	6	0.90	13TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	11	1.60	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+0.24 13TH TSP
		7/93 RFO	C/L Special Int	VOL		0.67	17TH TSP	-0.19 17TH TSP
48	57	7/93 RFO	Bobbin	WAR	9	1.31	15TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.53	15TH TSP	+0.26 15TH TSP
48	60	7/93 RFO	Bobbin	NQI		0.67	15TH TSP	+7.50 9TH TSP
		7/93 RFO	Bobbin	NQI		1.31	20TH TSP	+2.94 9TH TSP
		7/93 RFO	Bobbin	NQI		1.37	20TH TSP	+10.71 9TH TSP
		7/93 RFO	Bobbin	WAR	10	1.47	15TH TSP	+0.00 9TH TSP
48	62	7/93 RFO	U-Bend	VOL		0.33	1AVB	+0.00 8TH TSP
		7/93 RFO	Bobbin	WAR	29	2.63	1AVB	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	27	4.99	17TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	27	4.99	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		1.74	17TH TSP	-0.21 17TH TSP
48	64	7/93 RFO	Bobbin	ODI	19	3.84	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		4.40	18TH TSP	+0.00 18TH TSP
		7/93 RFO	C/L Special Int	VOL		5.50	17TH TSP	+0.00 17TH TSP
48	71	7/93 RFO	Bobbin	WAR	12	1.81	16TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		2.44	16TH TSP	+0.00 16TH TSP
48	86	7/93 RFO	Bobbin	ODI	17	2.09	12TH TSP	+10.35 1ST TSP
		7/93 RFO	C/L Special Int	VOL		5.29	12TH TSP	+10.95 12TH TSP
49	42	7/93 RFO	Bobbin	ADI		3.95	12TH TSP	+38.47 9TH TSP
		7/93 RFO	Bobbin	NQI		1.33	10TH TSP	+2.98 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.49	11TH TSP	-5.68 11TH TSP
		7/93 RFO	C/L Special Int	VOL		1.33	10TH TSP	+2.97 10TH TSP
49	51	7/93 RFO	Bobbin	WAR	5	0.76	17TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.45	17TH TSP	+0.00 17TH TSP
49	53	7/93 RFO	C/L Special Int	VOL		1.36	22ND TSP	+4.27 22ND TSP
49	54	7/93 RFO	Bobbin	ADI		5.11	11TH TSP	+36.72 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.99	10TH TSP	-8.25 10TH TSP
49	55	7/93 RFO	Bobbin	WAR	10	1.45	13TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+0.00 13TH TSP
49	56	7/93 RFO	Bobbin	ADI		4.22	21ST TSP	+3.92 9TH TSP
		7/93 RFO	Bobbin	WAR	5	0.78	15TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.45	21ST TSP	+3.78 21ST TSP
		7/93 RFO	C/L Special Int	VOL		0.76	15TH TSP	+0.00 15TH TSP
49	57	7/93 RFO	Bobbin	WAR	8	1.15	15TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		0.49	15TH TSP	+0.19 15TH TSP
49	58	7/93 RFO	Bobbin	WAR	19	3.12	18TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		5.36	18TH TSP	+0.00 18TH TSP
49	60	7/93 RFO	Bobbin	WAR	9	1.41	15TH TSP	+0.00 9TH TSP
49	62	7/93 RFO	U-Bend	VOL		0.81	1AVB	+17.17 8TH TSP
		7/93 RFO	Bobbin	ADI		6.78	8TH TSP	+50.45 9TH TSP
		7/93 RFO	Bobbin	WAR	6	0.85	15TH TSP	+0.00 9TH TSP
		7/93 RFO	Bobbin	WAR	10	1.56	20TH TSP	+0.00 9TH TSP
		7/93 RFO	C/L Special Int	VOL		4.31	20TH TSP	+0.00 20TH TSP

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS

QRY: 09/12/1994 16:19:10

ROW	COL	OUTAGE	TEST TYPE	IND	*TW	VOLTS	LOCATION	EXTENT1
49	53	7/93 RFO	Bobbin	WAR	16	2.60	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		4.79	17TH TSP	+0.00
49	68	7/93 RFO	Bobbin	WAR	12	1.79	17TH TSP	+0.00
		7/93 RFO	C/L Special Int	VOL		2.93	17TH TSP	+0.00

Total Indications Found = 979

Total Tubes Found = 532