



DUKE POWER

March 15, 1993

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

Subject: Catawba Nuclear Station, Unit 2
Docket No. 50-414
Special Report
End of Cycle 5 Refueling Outage
Steam Generator Tube Inspection Report

Pursuant to Catawba Technical Specification 4.4.5.5, the following information is submitted:

1. The following quantities of steam generator tubes were inspected from either side of the generator:

<u>Steam Generator</u>	<u>Tubes Inspected</u> <u>Full Length</u>
A	4547
B	4556
C	4562
D	4555

2. The following information is submitted regarding tube indications of imperfections. (The attached lists identify the tubes with imperfections, their locations, and their size.)

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

210048

9403220254 940315
PDR ADOCK 05000414
R PDR

A001
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S/G A - ATTACHMENT #1 INDICATIONS OF IMPE FECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
1	1	2/93 RFO	Bobbin	ODI	25	3.02	7TH TSP	+13.21
1	3	2/93 RFO	Bobbin	ODI	5	1.40	2ND TSP	+17.86
1	6	2/93 RFO	Bobbin	ODI	6	0.78	4TH TSP	+0.68
1	11	2/93 RFO	Bobbin	ADS		2.48	4TH TSP	+21.12 to +29.74
1	17	2/93 RFO	Bobbin	ODI	1	0.82	11TH TSP	+7.88
1	39	2/93 RFO	Bobbin	ODI	23	0.66	11TH TSP	+40.88
1	43	2/93 RFO	Bobbin	ODI	19	0.71	18TH TSP	+6.31
1	48	2/93 RFO	Bobbin	ODI	10	0.66	16TH TSP	+13.52
1	49	2/93 RFO	Bobbin	ODI	14	0.83	11TH TSP	+32.89
1	58	2/93 RFO	Bobbin	ADS		4.71	3RD TSP	+29.14
1	64	2/93 RFO	Bobbin	ODI	7	1.16	2ND TSP	+11.08
1	67	2/93 RFO	Bobbin	ADS		2.53	14TH TSP	+16.35
		2/93 RFO	C/L Special Int	VOL		0.41	13TH TSP	-1.53
1	84	2/93 RFO	Bobbin	NQI		0.36	TTS-CL	+0.65
		2/93 RFO	Bobbin	NQI		1.09	4TH TSP	+39.51
		2/93 RFO	H/L Special Int	VOL		0.68	4TH TSP	+39.61
1	92	2/93 RFO	Bobbin	ODI	16	1.39	16TH TSP	+28.52
1	93	2/93 RFO	Bobbin	ODI	1	1.55	3RD TSP	+28.32
		2/93 RFO	Bobbin	NQI		2.53	4TH TSP	+4.96 to +9.74
		2/93 RFO	H/L Special Int	VOL		0.47	4TH TSP	+7.43
		2/93 RFO	H/L Special Int	VOL		0.55	4TH TSP	+5.81
		2/93 RFO	H/L Special Int	VOL		0.59	4TH TSP	+9.00
		2/93 RFO	H/L Special Int	VOL		0.65	4TH TSP	+11.46
1	105	2/93 RFO	Bobbin	ODI	13	1.41	11TH TSP	+36.25
1	108	2/93 RFO	Bobbin	ADS		11.96	7TH TSP	+11.06
		2/93 RFO	Bobbin	ADS		15.96	3RD TSP	+17.78
		2/93 RFO	H/L Special Int	VOL		0.65	7TH TSP	+11.71
		2/93 RFO	H/L Special Int	VOL		0.76	3RD TSP	+18.22
1	109	2/93 RFO	Bobbin	ADS		1.06	6TH TSP	+40.98
		2/93 RFO	Bobbin	ADS		1.11	6TH TSP	+4.64
		2/93 RFO	Bobbin	ADS		1.20	5TH TSP	+39.17
		2/93 RFO	Bobbin	ADS		1.29	6TH TSP	+18.56
		2/93 RFO	Bobbin	ADS		1.43	6TH TSP	+38.52
		2/93 RFO	Bobbin	ADS		1.66	6TH TSP	+25.19
		2/93 RFO	Bobbin	ADS		1.66	6TH TSP	+38.01
		2/93 RFO	Bobbin	ADS		1.79	6TH TSP	+36.65
		2/93 RFO	H/L Special Int	VOL		0.16	6TH TSP	+41.71
		2/93 RFO	H/L Special Int	VOL		0.21	6TH TSP	+25.32
		2/93 RFO	H/L Special Int	VOL		0.23	6TH TSP	+30.30
		2/93 RFO	H/L Special Int	VOL		0.24	6TH TSP	+36.88
1	113	2/93 RFO	Bobbin	ODI	12	0.68	16TH TSP	+4.53
2	14	2/93 RFO	Bobbin	ADS		9.42	11TH TSP	+7.44
		2/93 RFO	C/L Special Int	VOL		0.50	11TH TSP	+7.39
2	18	2/93 RFO	Bobbin	ODI	1	1.60	16TH TSP	+31.58
2	25	2/93 RFO	Bobbin	ODI	29	0.51	TTS-CL	+3.67
		2/93 RFO	C/L Special Int	VOL		0.43	TTS-CL	+3.32
2	28	2/93 RFO	Bobbin	ADS		4.01	13TH TSP	+39.95
		2/93 RFO	C/L Special Int	VOL		0.25	13TH TSP	+39.52
2	31	2/93 RFO	Bobbin	ADS		3.46	18TH TSP	+30.72
2	36	2/93 RFO	Bobbin	ADS		0.49	4TH TSP	+4.69 to +9.81
2	37	2/93 RFO	Bobbin	NQI		2.81	12TH TSP	+1.45 to +8.12
		2/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	+1.45 to +8.12
2	60	2/93 RFO	Bobbin	ADS		2.60	3RD TSP	+32.02
		2/93 RFO	H/L Special Int	VOL		0.10	3RD TSP	+26.90
		2/93 RFO	H/L Special Int	VOL		0.10	3RD TSP	+31.87
2	66	2/93 RFO	Bobbin	NQI		1.41	18TH TSP	+27.32
		2/93 RFO	C/L Special Int	VOL		0.38	16TH TSP	-8.63
2	73	2/93 RFO	Bobbin	ADS		7.38	1ST TSP	+15.10
		2/93 RFO	H/L Special Int	VOL		0.42	1ST TSP	+14.63
2	74	2/93 RFO	Bobbin	ADS		0.70	2ND TSP	+15.43 to +21.47
		2/93 RFO	Bobbin	ADS		1.08	3RD TSP	+8.44 to +20.05
		2/93 RFO	H/L Special Int	VOL		0.20	3RD TSP	+8.32 to +20.02
2	77	2/93 RFO	Bobbin	ADS		2.20	3RD TSP	+17.25
		2/93 RFO	H/L Special Int	VOL		0.17	3RD TSP	+16.93
2	84	2/93 RFO	Bobbin	NQI		1.77	2ND TSP	+17.95

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
1	13	2/93 RFO	Bobbin	NQI		1.07	18TH TSP	+21.50
		2/93 RFO	C/L Special Int	VOL		0.32	18TH TSP	+21.26
1	16	2/93 RFO	Bobbin	ODI	31	0.65	1ST TSP	+4.64
1	19	2/93 RFO	Bobbin	NQI		0.89	1ST TSP	+22.36
1	30	2/93 RFO	Bobbin	NQI		1.39	5TH TSP	+1.90
		2/93 RFO	Bobbin	NQI		1.48	5TH TSP	+5.27
		2/93 RFO	Bobbin	NQI		1.54	4TH TSP	+41.11
		2/93 RFO	Bobbin	ODI	1	1.66	5TH TSP	+7.21
		2/93 RFO	H/L Special Int	VOL		0.26	5TH TSP	+5.57
		2/93 RFO	H/L Special Int	VOL		0.30	5TH TSP	-1.90
		2/93 RFO	H/L Special Int	VOL		0.43	5TH TSP	+2.06
1	47	2/93 RFO	Bobbin	ADS		6.50	6TH TSP	+13.64
1	49	2/93 RFO	Bobbin	ODI	7	0.64	18TH TSP	+18.75
1	55	2/93 RFO	Bobbin	NQI		0.56	18TH TSP	+34.63
1	56	2/93 RFO	Bobbin	NQI		0.52	TTS-CL	+4.14
1	59	2/93 RFO	Bobbin	NQI		2.39	TTS-CL	+0.74
1	67	2/93 RFO	Bobbin	ODI	15	1.25	18TH TSP	+1.52
1	73	2/93 RFO	Bobbin	NQI		1.07	13TH TSP	+28.42
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP	-14.68
1	79	2/93 RFO	Bobbin	ADS		2.18	18TH TSP	+13.15 to +22.74
		2/93 RFO	C/L Special Int	VOL		0.51	18TH TSP	+15.19 to +21.40
1	84	2/93 RFO	Bobbin	NQI		0.66	18TH TSP	+18.76
		2/93 RFO	C/L Special Int	VOL		0.33	18TH TSP	+18.84
1	108	2/93 RFO	Bobbin	ADS		11.09	7TH TSP	+11.54 to +24.95
		2/93 RFO	H/L Special Int	VOL		0.47	7TH TSP	+21.30
2	8	2/93 RFO	Bobbin	ODI	17	1.53	7TH TSP	+5.62
2	31	2/93 RFO	Bobbin	NQI		1.04	19TH TSP	+6.55
2	56	2/93 RFO	Bobbin	NQI		0.71	4TH TSP	+34.47
2	64	2/93 RFO	Bobbin	NQI		1.22	13TH TSP	+0.13 to +6.19
		2/93 RFO	C/L Special Int	VOL		0.27	13TH TSP	+7.60
		2/93 RFO	C/L Special Int	VOL		0.35	13TH TSP	+6.28
		2/93 RFO	C/L Special Int	VOL		0.37	13TH TSP	+2.04
		2/93 RFO	C/L Special Int	VOL		0.41	13TH TSP	+3.44
2	65	2/93 RFO	Bobbin	NQI		0.59	13TH TSP	+0.04 to +6.82
2	66	2/93 RFO	Bobbin	ODI	7	1.76	16TH TSP	+18.52
2	68	2/93 RFO	H/L Special Int	VOL		0.29	1ST TSP	+10.41
2	74	2/93 RFO	Bobbin	NQI		3.40	12TH TSP	+29.81
		2/93 RFO	Bobbin	ODI	5	1.60	1ST TSP	+5.90
		2/93 RFO	C/L Special Int	VOL		0.76	11TH TSP	-12.49
2	76	2/93 RFO	Bobbin	ADS		8.34	6TH TSP	+35.25
		2/93 RFO	H/L Special Int	VOL		0.26	7TH TSP	-8.09
2	84	2/93 RFO	Bobbin	NQI		0.51	6TH TSP	+1.71
		2/93 RFO	H/L Special Int	VOL		0.41	6TH TSP	+1.79
2	85	2/93 RFO	Bobbin	ODI	4	1.24	13TH TSP	+12.75
2	90	2/93 RFO	Bobbin	NQI		1.26	19TH TSP	+7.84
		2/93 RFO	C/L Special Int	VOL		0.46	19TH TSP	+8.25
2	102	2/93 RFO	Bobbin	ODI	1	1.92	11TH TSP	+20.28
2	106	2/93 RFO	Bobbin	NQI		1.48	13TH TSP	+14.18
3	25	2/93 RFO	Bobbin	NQI		0.40	14TH TSP	+13.51
3	39	2/93 RFO	Bobbin	ADS		1.84	2ND TSP	+14.75
		2/93 RFO	H/L Special Int	VOL		0.51	2ND TSP	+14.02
3	89	2/93 RFO	Bobbin	ODI	1	1.31	2ND TSP	+25.84
		2/93 RFO	Bobbin	ODI	9	1.22	2ND TSP	+7.59
3	90	2/93 RFO	Bobbin	ODI	1	3.16	4TH TSP	+18.79
3	93	2/93 RFO	Bobbin	NQI		0.29	3RD TSP	+15.02
		2/93 RFO	Bobbin	ODI	1	1.24	3RD TSP	+15.22
3	105	2/93 RFO	Bobbin	ODI	5	0.43	3RD TSP	+13.74
3	113	2/93 RFO	Bobbin	ODI	1	0.78	TTS-HL	+1.89
		2/93 RFO	Bobbin	ODI	4	1.33	2ND TSP	+4.55
4	27	2/93 RFO	Bobbin	NQI		2.13	5TH TSP	+19.07
		2/93 RFO	H/L Special Int	VOL		0.98	5TH TSP	+18.62
4	37	2/93 RFO	Bobbin	NQI		0.85	12TH TSP	+40.82
4	42	2/93 RFO	Bobbin	NQI		1.23	9TH TSP	+0.65
4	84	2/93 RFO	Bobbin	NQI		1.25	5TH TSP	+1.80 to +12.78
		2/93 RFO	H/L Special Int	VOL		0.34	5TH TSP	+1.80 to +12.78

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
4	89	2/93 RFO	Bobbin	NQI		0.66	12TH TSP +37.14
4	98	2/93 RFO	Bobbin	ADS		5.66	12TH TSP +7.44
5	15	2/93 RFO	Bobbin	ODI	10	0.57	13TH TSP +14.69
5	32	2/93 RFO	Bobbin	NQI		0.99	4TH TSP +8.57
		2/93 RFO	H/L Special Int	VOL		0.42	4TH TSP +8.67
5	72	2/93 RFO	Bobbin	ODI	4	1.67	5TH TSP +14.14
5	80	2/93 RFO	Bobbin	NQI		0.65	16TH TSP +13.37
		2/93 RFO	C/L Special Int	VOL		0.22	15TH TSP -4.90
5	87	2/93 RFO	Bobbin	ODI	3	1.34	3RD TSP +28.30
5	92	2/93 RFO	Bobbin	ODI	14	1.26	13TH TSP +2.62
		2/93 RFO	C/L Special Int	VOL		0.26	13TH TSP +2.59
5	104	2/93 RFO	Bobbin	ADS		2.68	4TH TSP +26.41
		2/93 RFO	Bobbin	ADS		8.28	4TH TSP +24.51
		2/93 RFO	Bobbin	ADS		8.56	6TH TSP +5.26
		2/93 RFO	H/L Special Int	VOL		0.32	5TH TSP -17.75
		2/93 RFO	H/L Special Int	VOL		0.41	6TH TSP +5.25
5	107	2/93 RFO	Bobbin	ADS		2.62	2ND TSP +8.27
		2/93 RFO	Bobbin	ODI	7	1.53	1ST TSP -1.55
		2/93 RFO	H/L Special Int	VOL		0.13	2ND TSP +8.16
5	111	2/93 RFO	Bobbin	ADS		9.60	13TH TSP +16.18
6	8	2/93 RFO	Bobbin	NQI		0.74	7TH TSP +29.69
		2/93 RFO	H/L Special Int	VOL		0.39	7TH TSP +31.46
6	14	2/93 RFO	Bobbin	NQI		0.96	4TH TSP +4.08
		2/93 RFO	Bobbin	NQI		1.44	3RD TSP +2.66
		2/93 RFO	H/L Special Int	VOL		0.41	3RD TSP +2.50
		2/93 RFO	H/L Special Int	VOL		0.45	4TH TSP +3.88
6	42	2/93 RFO	Bobbin	ODI	10	1.12	8TH TSP +2.50
6	66	2/93 RFO	Bobbin	NQI		0.65	19TH TSP -1.46
		2/93 RFO	C/L Special Int	VOL		0.30	19TH TSP -1.90
6	68	2/93 RFO	Bobbin	NQI		0.82	1ST TSP +10.82
		2/93 RFO	H/L Special Int	VOL		0.15	1ST TSP +10.90
6	74	2/93 RFO	Bobbin	NQI		0.56	9TH TSP +0.00
6	86	2/93 RFO	Bobbin	ADS		2.59	12TH TSP +6.51
		2/93 RFO	C/L Special Int	VOL		0.13	12TH TSP +6.50
6	98	2/93 RFO	Bobbin	ODI	13	1.70	11TH TSP +6.51
		2/93 RFO	C/L Special Int	VOL		0.31	11TH TSP +6.59
6	99	2/93 RFO	Bobbin	NQI		1.38	3RD TSP +18.40
		2/93 RFO	H/L Special Int	VOL		0.64	3RD TSP +18.03
6	103	2/93 RFO	Bobbin	NQI		0.78	10TH TSP +8.89
6	104	2/93 RFO	Bobbin	ADS		4.08	18TH TSP +11.11
		2/93 RFO	C/L Special Int	VOL		0.16	18TH TSP +14.84
		2/93 RFO	C/L Special Int	VOL		0.50	18TH TSP +10.89
6	107	2/93 RFO	Bobbin	ODI	14	1.07	16TH TSP +3.73
7	38	2/93 RFO	Bobbin	NQI		0.54	4TH TSP +21.92 to +27.33
7	39	2/93 RFO	Bobbin	ODI	5	4.40	4TH TSP +2.28
7	41	2/93 RFO	Bobbin	NQI		0.34	1ST TSP +11.04
		2/93 RFO	Bobbin	NQI		0.54	2ND TSP +17.40
7	49	2/93 RFO	Bobbin	NQI		0.41	18TH TSP +10.31
		2/93 RFO	C/L Special Int	VOL		0.18	18TH TSP +10.68
7	71	2/93 RFO	Bobbin	ADS		3.16	13TH TSP +1.65
		2/93 RFO	Bobbin	NQI		0.63	13TH TSP +3.67
		2/93 RFO	Bobbin	NQI		1.11	13TH TSP +12.49
		2/93 RFO	C/L Special Int	VOL		0.18	13TH TSP +1.55
		2/93 RFO	C/L Special Int	VOL		0.21	13TH TSP +3.65
		2/93 RFO	C/L Special Int	VOL		0.24	13TH TSP +7.23
		2/93 RFO	C/L Special Int	VOL		0.26	13TH TSP +12.62
7	81	2/93 RFO	Bobbin	NQI		1.09	14TH TSP +9.30
		2/93 RFO	C/L Special Int	VOL		0.42	14TH TSP +9.60
7	83	2/93 RFO	Bobbin	NQI		0.50	12TH TSP +7.87
		2/93 RFO	Bobbin	NQI		0.54	12TH TSP +10.71
		2/93 RFO	C/L Special Int	VOL		0.17	12TH TSP +7.96
		2/93 RFO	C/L Special Int	VOL		0.24	12TH TSP +10.84
7	84	2/93 RFO	Bobbin	ODI	11	1.92	11TH TSP +22.27
7	85	2/93 RFO	Bobbin	NQI		0.59	3RD TSP +2.77
		2/93 RFO	H/L Special Int	VOL		0.35	3RD TSP +2.75

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.43	2ND TSP +18.01
2	89	2/93 RFO	Bobbin	ODI	29	0.71	13TH TSP +17.72
2	90	2/93 RFO	Bobbin	ADS		5.73	7TH TSP +25.75
2	101	2/93 RFO	Bobbin	ADS		2.69	5TH TSP +3.66
		2/93 RFO	Bobbin	ADS		11.58	7TH TSP +9.51
		2/93 RFO	Bobbin	NQI		3.37	10TH TSP +10.44
		2/93 RFO	Bobbin	ODI	17	2.02	10TH TSP +7.56
		2/93 RFO	C/L Special Int	NQI		0.21	10TH TSP +9.26
		2/93 RFO	C/L Special Int	NQI		0.47	10TH TSP +7.25
3	1	2/93 RFO	Bobbin	ODI	2	0.80	15TH TSP +3.82
3	5	2/93 RFO	Bobbin	NQI		0.55	17TH TSP +6.78
3	9	2/93 RFO	Bobbin	NQI		0.40	16TH TSP +9.45
		2/93 RFO	Bobbin	NQI		0.68	12TH TSP +8.27
		2/93 RFO	Bobbin	NQI		0.68	19TH TSP +2.77
3	12	2/93 RFO	Bobbin	NQI		0.58	7TH TSP +0.08
		2/93 RFO	Bobbin	ODI	15	1.32	6TH TSP +41.70
3	14	2/93 RFO	Bobbin	ADS		9.67	4TH TSP +3.57
		2/93 RFO	Bobbin	ADS		13.50	3RD TSP +30.82
		2/93 RFO	Bobbin	ODI	5	1.46	16TH TSP +1.42
		2/93 RFO	H/L Special Int	VOL		0.17	4TH TSP +3.39
		2/93 RFO	H/L Special Int	VOL		0.43	4TH TSP -5.42
3	18	2/93 RFO	Bobbin	ADS		2.25	2ND TSP +13.18
		2/93 RFO	H/L Special Int	VOL		0.14	2ND TSP +13.26
3	20	2/93 RFO	Bobbin	NQI		0.18	4TH TSP +0.11
3	31	2/93 RFO	Bobbin	ADS		2.49	4TH TSP +15.56
3	38	2/93 RFO	Bobbin	ODI	28	3.07	TTS-HL +4.38
3	62	2/93 RFO	Bobbin	ADS		6.26	1ST TSP +17.48
3	66	2/93 RFO	Bobbin	ADS		10.67	3RD TSP +2.87
3	74	2/93 RFO	Bobbin	ODI	12	0.47	17TH TSP +4.53
3	83	2/93 RFO	Bobbin	ODI	2	2.54	10TH TSP +38.39
		2/93 RFO	C/L Special Int	VOL		0.87	9TH TSP -6.41
3	103	2/93 RFO	Bobbin	ODI	24	2.85	12TH TSP -0.77
		2/93 RFO	C/L Special Int	VOL		0.58	12TH TSP -0.61
3	108	2/93 RFO	Bobbin	ADS		2.27	12TH TSP +7.06
		2/93 RFO	C/L Special Int	VOL		0.28	12TH TSP +6.36
4	7	2/93 RFO	H/L Tubesheet	VOL		0.76	TTS-HL -1.84
4	32	2/93 RFO	Bobbin	ODI	8	0.85	2ND TSP +13.43
4	55	2/93 RFO	Bobbin	ODI	15	1.18	2ND TSP +26.42
4	58	2/93 RFO	Bobbin	ODI	2	2.77	6TH TSP +33.11
4	72	2/93 RFO	Bobbin	ADS		9.58	12TH TSP +33.19
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP +33.50
4	78	2/93 RFO	Bobbin	ODI	16	1.01	2ND TSP +11.38
4	85	2/93 RFO	Bobbin	ADS		3.22	7TH TSP +18.16
		2/93 RFO	Bobbin	ADS		4.83	6TH TSP +37.91
		2/93 RFO	Bobbin	ADS		6.62	7TH TSP +14.70
		2/93 RFO	H/L Special Int	VOL		0.20	7TH TSP +18.27
		2/93 RFO	H/L Special Int	VOL		0.57	6TH TSP +38.59
		2/93 RFO	H/L Special Int	VOL		0.64	7TH TSP +14.92
4	106	2/93 RFO	Bobbin	ADS		2.62	13TH TSP +31.40
		2/93 RFO	C/L Special Int	VOL		0.44	12TH TSP -12.02
5	6	2/93 RFO	Bobbin	NQI		0.40	18TH TSP +2.08
		2/93 RFO	C/L Special Int	VOL		0.22	18TH TSP +2.21
5	34	2/93 RFO	Bobbin	ODI	5	0.86	13TH TSP +7.41
5	58	2/93 RFO	Bobbin	NQI		0.47	1ST TSP +8.21
		2/93 RFO	H/L Special Int	VOL		0.41	1ST TSP +8.12
5	62	2/93 RFO	Bobbin	NQI		1.51	13TH TSP +35.30
		2/93 RFO	C/L Special Int	VOL		0.62	13TH TSP +35.70
5	63	2/93 RFO	Bobbin	ADS		5.13	TTS-HL +1.13
		2/93 RFO	H/L Tubesheet	VOL		0.41	TTS-HL +1.67
		2/93 RFO	H/L Special Int	VOL		0.47	TTS-HL +1.54
5	74	2/93 RFO	Bobbin	ODI	9	1.46	2ND TSP +4.22
5	80	2/93 RFO	Bobbin	ADS		3.32	7TH TSP +15.87
5	84	2/93 RFO	Bobbin	NQI		1.56	18TH TSP +5.34
		2/93 RFO	Bobbin	ODI	5	0.95	4TH TSP +5.00
		2/93 RFO	C/L Special Int	VOL		0.23	18TH TSP +5.45

ATTACHMENT 1

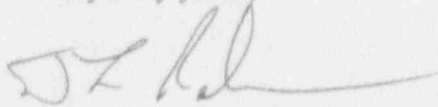
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3. The following quantities of tubes were removed from service by plugging or repaired by sleeving. (The tubes are identified in the attachments.)

<u>Steam Generator</u>	<u>Number of Tubes</u>	<u>Attachment</u>
A	14	5
B	6	6
C	13	7
D	10	8

For further information, please contact Devereux Tower at (803) 831-3419.

Very truly yours,



D. L. Rehn

DT/

Attachments

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xc: Mr. S. D. Ebnetter
Regional Administrator, Region II

Mr. Robert E. Martin, Project Manager
ONRR

Mr. Nick Economos, Inspector
Region II

Mr. R. J. Freudenberger
NRC Resident Inspector
Catawba Nuclear Station

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
7	93	2/93 RFO	Bobbin	ODI	16	1.14	1ST TSP	+6.80
7	96	2/93 RFO	Bobbin	ODI	9	0.66	7TH TSP	+34.82
7	97	2/93 RFO	Bobbin	NGI		0.43	11TH TSP	+9.30
		2/93 RFO	C/L Special Int	VOL		0.12	11TH TSP	+9.57
7	102	2/93 RFO	Bobbin	ODI	15	1.37	6TH TSP	+30.73
7	104	2/93 RFO	Bobbin	ODI	22	0.54	1ST TSP	+10.52
7	106	2/93 RFO	Bobbin	ODI	8	0.32	6TH TSP	+13.14
7	113	2/93 RFO	Bobbin	ADS		2.10	1ST TSP	+10.50
8	3	2/93 RFO	Bobbin	NGI		1.28	7TH TSP	+11.01
		2/93 RFO	Bobbin	NGI		0.70	10TH TSP	+11.72
8	13	2/93 RFO	Bobbin	ODI	3	0.63	10TH TSP	+41.72
8	16	2/93 RFO	Bobbin	ODI	13	1.29	1ST TSP	+20.16
8	19	2/93 RFO	Bobbin	ODI	4	2.37	4TH TSP	+30.19
8	21	2/93 RFO	Bobbin	NGI		0.36	15TH TSP	+16.54
8	24	2/93 RFO	Bobbin	ODI	9	1.42	7TH TSP	+33.86
8	45	2/93 RFO	Bobbin	ADS		4.19	5TH TSP	+35.13
		2/93 RFO	H/L Special Int	VOL		0.29	6TH TSP	-8.07
8	46	2/93 RFO	Bobbin	ODI	4	1.56	5TH TSP	+37.79
		2/93 RFO	Bobbin	ODI	10	1.79	18TH TSP	+4.20
		2/93 RFO	C/L Special Int	VOL		0.61	18TH TSP	+4.04
8	47	2/93 RFO	Bobbin	ODI	9	1.72	6TH TSP	+2.96
		2/93 RFO	Bobbin	ODI	10	0.95	15TH TSP	+13.86
8	63	2/93 RFO	Bobbin	ODI	19	1.15	11TH TSP	+33.17
8	74	2/93 RFO	Bobbin	ADS		6.95	6TH TSP	+28.58
		2/93 RFO	H/L Special Int	VOL		0.50	4TH TSP	+28.84
8	79	2/93 RFO	Bobbin	ODI	1	1.19	15TH TSP	+15.37
8	83	2/93 RFO	Bobbin	ODI	7	0.78	15TH TSP	+3.76
8	87	2/93 RFO	Bobbin	ODI	12	1.44	12TH TSP	+26.62
		2/93 RFO	C/L Special Int	VOL		0.49	11TH TSP	-15.45
8	89	2/93 RFO	Bobbin	ADS		3.41	16TH TSP	+11.27
8	91	2/93 RFO	Bobbin	ADS		3.70	16TH TSP	+10.90
		2/93 RFO	C/L Special Int	VOL		0.14	15TH TSP	-7.01
8	101	2/93 RFO	Bobbin	ODI	2	0.70	7TH TSP	+13.09
		2/93 RFO	H/L Special Int	VOL		0.68	7TH TSP	+12.15
8	102	2/93 RFO	Bobbin	ADS		3.02	1ST TSP	+7.92
8	107	2/93 RFO	Bobbin	ADS		1.76	7TH TSP	+18.59
		2/93 RFO	Bobbin	ODI	21	0.76	7TH TSP	+17.86
		2/93 RFO	Bobbin	ODI	5	1.65	10TH TSP	+13.53
8	108	2/93 RFO	Bobbin	ADS		1.80	10TH TSP	+37.69
		2/93 RFO	Bobbin	ADS		5.40	11TH TSP	+14.85
		2/93 RFO	C/L Special Int	VOL		0.17	11TH TSP	+16.51
		2/93 RFO	C/L Special Int	VOL		0.26	11TH TSP	+14.22
		2/93 RFO	C/L Special Int	VOL		0.27	11TH TSP	+8.72
9	6	2/93 RFO	Bobbin	ADS		6.72	1ST TSP	+20.39
		2/93 RFO	H/L Special Int	VOL		0.55	2ND TSP	-8.74
9	15	2/93 RFO	Bobbin	ADS		13.65	17TH TSP	+11.94
		2/93 RFO	C/L Special Int	VOL		0.59	16TH TSP	-6.74
9	20	2/93 RFO	Bobbin	ADS		5.35	11TH TSP	+28.94
		2/93 RFO	C/L Special Int	VOL		0.56	10TH TSP	-14.08
9	70	2/93 RFO	Bobbin	ADS		4.01	4TH TSP	+6.09
		2/93 RFO	H/L Special Int	VOL		0.15	4TH TSP	+6.49
9	89	2/93 RFO	Bobbin	ODI	31	0.92	13TH TSP	+19.82
9	95	2/93 RFO	Bobbin	ODI	19	0.61	7TH TSP	+25.14
9	96	2/93 RFO	Bobbin	ODI	13	0.67	7TH TSP	+32.24
9	102	2/93 RFO	Bobbin	ODI	9	0.76	16TH TSP	+6.42
9	106	2/93 RFO	Bobbin	ODI	18	2.40	11TH TSP	+15.67
9	109	2/93 RFO	Bobbin	NGI		0.28	10TH TSP	+22.54
		2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+21.56
9	110	2/93 RFO	Bobbin	ODI	39	0.26	2ND TSP	+23.40
		2/93 RFO	H/L Special Int	VOL		0.15	3RD TSP	-12.61
9	112	2/93 RFO	Bobbin	ODI	1	1.19	7TH TSP	+31.45
10	12	2/93 RFO	Bobbin	ODI	5	1.19	7TH TSP	+7.38
		2/93 RFO	H/L Special Int	VOL		0.58	7TH TSP	+7.79
10	14	2/93 RFO	Bobbin	ODI	3	3.81	2ND TSP	+27.77
10	17	2/93 RFO	Bobbin	ADS		9.91	11TH TSP	+22.31

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
		2/93 RFO	C/L Special Int	VOL		0.50	10TH TSP	-20.48
10	59	2/93 RFO	Bobbin	ODI	12	1.49	16TH TSP	+3.01
		2/93 RFO	Bobbin	ODI	13	2.15	13TH TSP	+32.56
10	61	2/93 RFO	Bobbin	NQI		0.63	1ST TSP	+12.23
		2/93 RFO	H/L Special Int	VOL		0.28	1ST TSP	+12.53
10	75	2/93 RFO	Bobbin	ADS		2.69	18TH TSP	+16.95
		2/93 RFO	C/L Special Int	VOL		0.28	17TH TSP	-1.34
10	77	2/93 RFO	Bobbin	NQI		0.93	7TH TSP	+31.59
		2/93 RFO	H/L Special Int	VOL		0.40	8TH TSP	-12.86
10	79	2/93 RFO	Bobbin	ODI	3	1.47	5TH TSP	+39.70
10	93	2/93 RFO	Bobbin	ODI	5	0.79	10TH TSP	+42.34
10	97	2/93 RFO	Bobbin	NQI		0.56	5TH TSP	+4.26
		2/93 RFO	Bobbin	NQI		0.81	3RD TSP	+8.69
		2/93 RFO	Bobbin	NQI		0.42	16TH TSP	+3.27
		2/93 RFO	Bobbin	NQI		0.44	13TH TSP	+32.47
		2/93 RFO	H/L Special Int	VOL		0.88	5TH TSP	+3.73 to +5.61
		2/93 RFO	H/L Special Int	VOL		0.90	3RD TSP	+8.33 to +10.54
10	111	2/93 RFO	Bobbin	ODI	4	0.72	10TH TSP	+34.51
		2/93 RFO	C/L Special Int	VOL		0.05	9TH TSP	-10.86
10	113	2/93 RFO	Bobbin	ODI	6	0.87	10TH TSP	+44.17
11	4	2/93 RFO	Bobbin	ODI	18	0.54	15TH TSP	+4.65
11	5	2/93 RFO	Bobbin	NQI		0.58	10TH TSP	+19.10
11	77	2/93 RFO	Bobbin	ADS		4.04	7TH TSP	+38.23
		2/93 RFO	H/L Special Int	VOL		0.20	8TH TSP	-3.71
11	80	2/93 RFO	Bobbin	ODI	17	0.38	10TH TSP	+43.73
11	87	2/93 RFO	Bobbin	ADS		3.59	2ND TSP	+9.80
		2/93 RFO	H/L Special Int	VOL		0.59	2ND TSP	+9.85
11	102	2/93 RFO	Bobbin	ODI	10	1.61	2ND TSP	+24.43
		2/93 RFO	H/L Special Int	VOL		0.26	2ND TSP	+25.69
11	110	2/93 RFO	Bobbin	ODI	13	0.71	7TH TSP	+34.44
		2/93 RFO	Bobbin	ODI	1	1.76	10TH TSP	+35.93
11	111	2/93 RFO	Bobbin	ODI	6	0.89	10TH TSP	+39.56
11	112	2/93 RFO	Bobbin	ODI	26	1.34	7TH TSP	+42.17
		2/93 RFO	H/L Special Int	VOL		0.45	8TH TSP	-3.52
11	113	2/93 RFO	Bobbin	ODI	15	0.67	10TH TSP	+42.51
12	19	2/93 RFO	Bobbin	NQI		0.35	7TH TSP	+22.52
		2/93 RFO	Bobbin	NQI		0.57	10TH TSP	+27.84
		2/93 RFO	Bobbin	NQI		0.66	10TH TSP	+25.16
12	23	2/93 RFO	Bobbin	ODI	38	0.65	10TH TSP	+26.92
12	89	2/93 RFO	Bobbin	NQI		1.11	5TH TSP	+17.09
		2/93 RFO	Bobbin	ODI	18	0.85	7TH TSP	+13.60
		2/93 RFO	H/L Special Int	VOL		0.47	5TH TSP	+17.23
12	90	2/93 RFO	Bobbin	ODI	1	1.51	7TH TSP	+40.18
		2/93 RFO	Bobbin	ODI	4	0.89	7TH TSP	+21.41
		2/93 RFO	Bobbin	ODI	5	1.73	6TH TSP	+8.58
12	95	2/93 RFO	Bobbin	ODI	10	0.56	13TH TSP	+12.44
12	106	2/93 RFO	Bobbin	ODI	3	0.74	11TH TSP	+58.73
12	108	2/93 RFO	Bobbin	NQI		1.08	5TH TSP	+28.21
		2/93 RFO	H/L Special Int	VOL		0.28	5TH TSP	+29.25
12	110	2/93 RFO	Bobbin	NQI		0.94	7TH TSP	+24.47
13	7	2/93 RFO	Bobbin	NQI		0.47	12TH TSP	+2.30
		2/93 RFO	C/L Special Int	VOL		0.07	12TH TSP	+2.56
13	11	2/93 RFO	Bobbin	ADS		4.32	18TH TSP	+4.95
		2/93 RFO	C/L Special Int	VOL		0.38	18TH TSP	+4.58
13	21	2/93 RFO	Bobbin	ODI	3	1.60	7TH TSP	+33.78
13	29	2/93 RFO	Bobbin	ODI	30	0.61	7TH TSP	+9.58
13	33	2/93 RFO	Bobbin	ADS		5.83	7TH TSP	+17.72
		2/93 RFO	H/L Special Int	VOL		0.41	7TH TSP	+17.82
13	34	2/93 RFO	Bobbin	ODI	4	1.48	19TH TSP	+4.20
		2/93 RFO	Bobbin	ODI	19	0.97	13TH TSP	+5.63
13	58	2/93 RFO	Bobbin	NQI		1.53	17TH TSP	+5.37
13	74	2/93 RFO	Bobbin	ADS		5.98	7TH TSP	+14.86
		2/93 RFO	H/L Special Int	VOL		0.35	7TH TSP	+15.25
		2/93 RFO	H/L Special Int	VOL		0.39	7TH TSP	+7.64
13	76	2/93 RFO	Bobbin	ADS		5.75	4AV8	+3.23

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin	ADS		6.58	5TH TSP +12.50
		2/93 RFO	Bobbin	OOI	3	0.89	6TH TSP +37.71
		2/93 RFO	Bobbin	OOI	8	0.94	7TH TSP +7.78
		2/93 RFO	Bobbin	OOI	10	0.74	7TH TSP +9.54
		2/93 RFO	Bobbin	OOI	4	1.14	11TH TSP +35.67
		2/93 RFO	H/L Special Int	VOL		0.50	5TH TSP +12.54
13	87	2/93 RFO	Bobbin	ADS		2.58	6TH TSP +18.41
		2/93 RFO	Bobbin	OOI	9	1.05	7TH TSP +6.68
		2/93 RFO	Bobbin	OOI	19	1.29	7TH TSP +20.21
		2/93 RFO	Bobbin	ADS		4.87	6TH TSP +25.35 to +28.58
		2/93 RFO	H/L Special Int	VOL		0.07	6TH TSP +17.37
		2/93 RFO	H/L Special Int	VOL		0.12	6TH TSP +28.06
		2/93 RFO	H/L Special Int	VOL		0.33	6TH TSP +25.92
13	89	2/93 RFO	Bobbin	OOI	5	0.72	7TH TSP +34.84
		2/93 RFO	H/L Special Int	VOL		0.19	8TH TSP -7.18
		2/93 RFO	H/L Special Int	VOL		0.37	8TH TSP -1.67
13	93	2/93 RFO	Bobbin	OOI	16	0.41	4TH TSP -0.08
		2/93 RFO	H/L Special Int	VOL		0.91	4TH TSP -0.08
13	95	2/93 RFO	Bobbin	ADS		5.90	4TH TSP +26.50
		2/93 RFO	H/L Special Int	VOL		0.35	4TH TSP +27.86
		2/93 RFO	H/L Special Int	VOL		0.79	4TH TSP +19.58
13	103	2/93 RFO	Bobbin	NQI		0.77	6TH TSP +35.37
		2/93 RFO	Bobbin	NQI		1.05	6TH TSP +36.46
		2/93 RFO	H/L Special Int	VOL		0.56	6TH TSP +35.65
		2/93 RFO	H/L Special Int	VOL		0.58	6TH TSP +34.55
13	107	2/93 RFO	Bobbin	NQI		0.47	10TH TSP +21.84
		2/93 RFO	C/L Special Int	VOL		2.06	10TH TSP +20.04
13	108	2/93 RFO	Bobbin	OOI	5	1.45	10TH TSP +25.22
14	25	2/93 RFO	Bobbin	NQI		0.62	16TH TSP +1.33
		2/93 RFO	Bobbin	NQI		0.72	14TH TSP +2.41
		2/93 RFO	Bobbin	OOI	1	0.92	15TH TSP +1.34
		2/93 RFO	Bobbin	OOI	4	1.24	17TH TSP +0.86
		2/93 RFO	C/L Special Int	VOL		0.21	14TH TSP +2.37
		2/93 RFO	C/L Special Int	VOL		0.31	16TH TSP +1.23
		2/93 RFO	C/L Special Int	VOL		0.37	17TH TSP +0.83
14	26	2/93 RFO	Bobbin	OOI	2	1.16	7TH TSP +13.88
14	28	2/93 RFO	Bobbin	ADS		2.58	10TH TSP +17.99
		2/93 RFO	C/L Special Int	VOL		0.25	10TH TSP +16.13
14	29	2/93 RFO	Bobbin	ADS		5.54	6TH TSP +18.14
		2/93 RFO	Bobbin	ADS		6.54	6TH TSP +21.55
14	83	2/93 RFO	Bobbin	ADS		6.93	2ND TSP -1.06
		2/93 RFO	Bobbin	ADS		2.85	13TH TSP +9.69
		2/93 RFO	H/L Special Int	VOL		0.55	2ND TSP -0.94
		2/93 RFO	C/L Special Int	VOL		0.09	13TH TSP +9.69
14	88	2/93 RFO	Bobbin	ADS		3.82	17TH TSP +13.80
		2/93 RFO	Bobbin	ADS		5.71	17TH TSP +10.85
		2/93 RFO	C/L Special Int	VOL		0.36	17TH TSP +10.49
14	92	2/93 RFO	Bobbin	ADS		2.82	12TH TSP +3.37
14	94	2/93 RFO	Bobbin	NQI		0.24	7TH TSP +35.66
14	95	2/93 RFO	Bobbin	NQI		0.41	9TH TSP -1.58
		2/93 RFO	C/L Special Int	VOL		0.14	9TH TSP -1.48
14	97	2/93 RFO	Bobbin	NQI		0.99	12TH TSP +37.56
		2/93 RFO	C/L Special Int	VOL		0.24	11TH TSP -5.89
14	100	2/93 RFO	Bobbin	NQI		1.70	4AVB +6.33
14	103	2/93 RFO	Bobbin	NQI		0.57	12TH TSP +15.00
		2/93 RFO	C/L Special Int	NQI		0.18	12TH TSP +14.97
		2/93 RFO	C/L Special Int	NQI		0.35	12TH TSP +13.24
14	107	2/93 RFO	Bobbin	NQI		0.25	10TH TSP +42.69
		2/93 RFO	Bobbin	OOI	15	0.57	7TH TSP +35.95
		2/93 RFO	Bobbin	OOI	10	0.54	10TH TSP +39.97
		2/93 RFO	C/L Special Int	VOL		0.35	9TH TSP -1.96
		2/93 RFO	C/L Special Int	VOL		0.58	9TH TSP -4.60
14	108	2/93 RFO	Bobbin	OOI	2	1.24	6TH TSP +13.40
		2/93 RFO	Bobbin	OOI	6	1.06	6TH TSP +6.17
		2/93 RFO	Bobbin	OOI	6	0.57	10TH TSP +14.41

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
14	111	2/93 RFO	Bobbin	ODI	12	0.46	7TH TSP	+35.70
		2/93 RFO	Bobbin	ODI	6	0.84	10TH TSP	+34.97
		2/93 RFO	C/L Special Int	VOL		0.24	9TH TSP	-10.51
15	17	2/93 RFO	Bobbin	ODI	2	1.07	10TH TSP	+27.80
		2/93 RFO	Bobbin	ODI	18	0.46	10TH TSP	+26.65
15	23	2/93 RFO	Bobbin	ODI	1	1.85	10TH TSP	+37.35
		2/93 RFO	Bobbin	ODI	14	0.71	10TH TSP	+24.02
		2/93 RFO	C/L Special Int	VOL		0.25	9TH TSP	-20.32
15	24	2/93 RFO	Bobbin	ODI	13	1.00	7TH TSP	+22.20
15	25	2/93 RFO	Bobbin	ODI	1	1.30	5TH TSP	+12.38
15	30	2/93 RFO	Bobbin	NQI		0.67	10TH TSP	+39.18
15	31	2/93 RFO	Bobbin	ADS		7.23	6TH TSP	+36.31
		2/93 RFO	Bobbin	ODI	15	0.80	10TH TSP	+33.58
		2/93 RFO	H/L Special Int	VOL		0.45	6TH TSP	+36.23
15	38	2/93 RFO	Bobbin	ODI	4	0.63	10TH TSP	+43.93
15	49	2/93 RFO	Bobbin	ODI	5	1.05	2ND TSP	+17.65
15	56	2/93 RFO	Bobbin	NQI		0.53	6TH TSP	+4.20
15	57	2/93 RFO	Bobbin	ODI	8	0.61	18TH TSP	+9.63
15	65	2/93 RFO	Bobbin	ADS		1.65	13TH TSP	+39.12
		2/93 RFO	Bobbin	ADS		2.82	10TH TSP	+14.65
		2/93 RFO	C/L Special Int	VOL		0.22	10TH TSP	+12.99
15	72	2/93 RFO	Bobbin	ODI	8	1.33	3RD TSP	+22.11
		2/93 RFO	Bobbin	ODI	9	0.66	11TH TSP	+4.22
15	74	2/93 RFO	Bobbin	ADS		3.64	16TH TSP	+10.96
		2/93 RFO	C/L Special Int	VOL		0.27	16TH TSP	+11.54
15	75	2/93 RFO	Bobbin	ODI	5	1.12	16TH TSP	+13.90
15	80	2/93 RFO	Bobbin	ADS		2.96	10TH TSP	+13.97
		2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+12.38
15	83	2/93 RFO	Bobbin	ADS		3.50	12TH TSP	+38.72
15	85	2/93 RFO	Bobbin	ADS		5.08	4TH TSP	+14.65
		2/93 RFO	Bobbin	ADS		4.11	14TH TSP	+14.98
		2/93 RFO	Bobbin	ODI	6	1.03	11TH TSP	+28.16
		2/93 RFO	H/L Special Int	VOL		0.34	4TH TSP	+14.84
		2/93 RFO	C/L Special Int	VOL		0.33	14TH TSP	+13.80
15	87	2/93 RFO	Bobbin	ADS		3.59	13TH TSP	+27.00
		2/93 RFO	C/L Special Int	VOL		0.22	13TH TSP	+26.37
15	97	2/93 RFO	Bobbin	NQI		0.29	7TH TSP	+36.54
		2/93 RFO	Bobbin	ODI	4	1.00	7TH TSP	+37.60
15	100	2/93 RFO	Bobbin	ADS		4.18	6TH TSP	+35.09
		2/93 RFO	H/L Special Int	VOL		0.36	7TH TSP	-8.38
15	105	2/93 RFO	Bobbin	ADS		3.26	12TH TSP	+8.86
		2/93 RFO	C/L Special Int	VOL		0.18	12TH TSP	+8.94
		2/93 RFO	C/L Special Int	VOL		0.48	12TH TSP	+3.26
15	107	2/93 RFO	Bobbin	NQI		0.33	6TH TSP	+32.16
		2/93 RFO	Bobbin	ODI	28	0.45	11TH TSP	+35.69
15	108	2/93 RFO	Bobbin	ADS		2.84	7TH TSP	+35.76
		2/93 RFO	H/L Special Int	VOL		0.18	8TH TSP	-4.63
		2/93 RFO	H/L Special Int	VOL		0.23	8TH TSP	-7.03
15	109	2/93 RFO	Bobbin	ADS		8.21	14TH TSP	+11.03
		2/93 RFO	Bobbin	ODI	7	1.12	7TH TSP	+17.56
		2/93 RFO	Bobbin	ODI	4	0.77	11TH TSP	+27.81
		2/93 RFO	C/L Special Int	VOL		0.39	14TH TSP	+11.07
16	23	2/93 RFO	Bobbin	ODI	38	1.10	13TH TSP	+14.78
16	26	2/93 RFO	Bobbin	ODI	9	0.76	17TH TSP	+16.58
16	31	2/93 RFO	Bobbin	ADS		3.36	10TH TSP	-0.61
		2/93 RFO	C/L Special Int	VOL		0.86	10TH TSP	+6.28
16	51	2/93 RFO	Bobbin	ODI	3	1.10	12TH TSP	+27.93
16	60	2/93 RFO	Bobbin	ADS		4.20	2ND TSP	+33.08
		2/93 RFO	Bobbin	ADS		3.13	18TH TSP	+10.74
		2/93 RFO	Bobbin	ADS		3.42	13TH TSP	+16.92
		2/93 RFO	Bobbin	ADS		2.78	13TH TSP	+15.65
		2/93 RFO	Bobbin	ADS		4.45	13TH TSP	+20.78
		2/93 RFO	H/L Special Int	VOL		0.41	2ND TSP	+33.01
		2/93 RFO	C/L Special Int	VOL		0.16	13TH TSP	+19.04
		2/93 RFO	C/L Special Int	VOL		0.19	13TH TSP	+15.41

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
		2/93 RFO	C/L Special Int	VOL		0.22	13TH TSP	+14.26
		2/93 RFO	C/L Special Int	VOL		0.31	18TH TSP	+9.59
16	61	2/93 RFO	Bobbin	ODI	7	1.90	17TH TSP	+4.41
16	62	2/93 RFO	Bobbin	ADS		7.84	1ST TSP	+4.09
		2/93 RFO	H/L Special Int	VOL		0.75	1ST TSP	+4.23
16	64	2/93 RFO	Bobbin	ADS		6.46	18TH TSP	+14.91
		2/93 RFO	C/L Special Int	VOL		0.46	18TH TSP	+13.44
16	70	2/93 RFO	Bobbin	ODI	4	1.06	10TH TSP	+43.93
16	71	2/93 RFO	Bobbin	ADS		8.98	7TH TSP	+29.80
		2/93 RFO	H/L Special Int	VOL		0.72	7TH TSP	+29.68
16	77	2/93 RFO	Bobbin	ODI	2	0.98	16TH TSP	+11.25
16	83	2/93 RFO	Bobbin	ADS		2.89	13TH TSP	+9.97
		2/93 RFO	Bobbin	ADS		4.47	15TH TSP	+8.70
16	85	2/93 RFO	Bobbin	ADS		4.07	2ND TSP	+6.69
		2/93 RFO	H/L Special Int	VOL		0.67	2ND TSP	+6.71
16	97	2/93 RFO	Bobbin	ADS		10.58	5TH TSP	+3.64
		2/93 RFO	H/L Special Int	VOL		0.35	5TH TSP	+6.89
16	98	2/93 RFO	Bobbin	ADS		2.42	10TH TSP	+9.14
		2/93 RFO	C/L Special Int	VOL		0.31	10TH TSP	+8.47
16	102	2/93 RFO	Bobbin	ADS		9.05	19TH TSP	+4.51
		2/93 RFO	C/L Special Int	VOL		0.32	19TH TSP	-4.44
16	103	2/93 RFO	Bobbin	ADS		1.38	7TH TSP	+40.56
		2/93 RFO	Bobbin	ODI	18	2.12	9TH TSP	+3.97
16	105	2/93 RFO	Bobbin	ODI	7	1.63	7TH TSP	+10.01
		2/93 RFO	Bobbin	ODI	15	0.43	7TH TSP	+36.52
16	106	2/93 RFO	Bobbin	ADS		3.65	17TH TSP	+13.11
		2/93 RFO	Bobbin	ADS		3.70	17TH TSP	+7.65
		2/93 RFO	Bobbin	ADS		4.51	10TH TSP	+20.63
		2/93 RFO	Bobbin	ODI	6	0.87	3RD TSP	+31.29
		2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+19.32
16	107	2/93 RFO	Bobbin	ODI	11	0.86	5TH TSP	+30.96
16	111	2/93 RFO	Bobbin	ODI	32	0.56	7TH TSP	+25.90
17	7	2/93 RFO	Bobbin	ODI	1	3.00	6TH TSP	+24.77
17	11	2/93 RFO	Bobbin	ODI	2	1.57	13TH TSP	+21.47
17	24	2/93 RFO	Bobbin	ADS		2.32	11TH TSP	+25.49
		2/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	-18.16
17	28	2/93 RFO	Bobbin	ODI	19	0.62	18TH TSP	+8.89
17	33	2/93 RFO	H/L Tubesheet	VOL		0.24	11TH TSP	-0.34
17	34	2/93 RFO	H/L Tubesheet	VOL		0.74	11TH TSP	-0.38
17	35	2/93 RFO	Bobbin	ODI	4	1.41	7TH TSP	+21.72
17	45	2/93 RFO	Bobbin	NQI		0.50	10TH TSP	+17.26
17	52	2/93 RFO	Bobbin	ADS		2.37	7TH TSP	+28.53
17	59	2/93 RFO	Bobbin	ODI	7	1.75	15TH TSP	+8.95
17	61	2/93 RFO	Bobbin	ADS		8.73	14TH TSP	+11.88
		2/93 RFO	C/L Special Int	VOL		0.47	14TH TSP	+10.67
17	63	2/93 RFO	Bobbin	ADS		6.88	3RD TSP	+10.68
		2/93 RFO	H/L Special Int	VOL		0.36	3RD TSP	+11.05
17	65	2/93 RFO	Bobbin	ODI	4	2.05	17TH TSP	+1.11
17	76	2/93 RFO	Bobbin	ADS		3.47	1ST TSP	+5.66
		2/93 RFO	Bobbin	ADS		2.93	11TH TSP	+2.18
		2/93 RFO	H/L Special Int	VOL		0.20	1ST TSP	+5.37
		2/93 RFO	H/L Special Int	VOL		0.52	1ST TSP	+7.55
		2/93 RFO	C/L Special Int	VOL		0.16	11TH TSP	+1.87
17	80	2/93 RFO	Bobbin	ADS		7.65	13TH TSP	+15.18
		2/93 RFO	C/L Special Int	VOL		0.45	13TH TSP	+13.51
17	82	2/93 RFO	Bobbin	ADS		3.65	1ST TSP	+16.76
		2/93 RFO	H/L Special Int	VOL		0.33	1ST TSP	+16.55
17	86	2/93 RFO	Bobbin	ADS		4.36	7TH TSP	+7.72
		2/93 RFO	H/L Special Int	VOL		0.69	7TH TSP	+7.66
17	87	2/93 RFO	Bobbin	ADS		3.67	1ST TSP	+21.90
		2/93 RFO	H/L Special Int	VOL		0.47	1ST TSP	+21.69
17	88	2/93 RFO	Bobbin	ADS		1.86	11TH TSP	+26.28
		2/93 RFO	Bobbin	ADS		2.39	11TH TSP	+10.15
		2/93 RFO	Bobbin	ADS		3.98	11TH TSP	+21.62
17	103	2/93 RFO	Bobbin	ODI	5	0.48	13TH TSP	+17.89

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
17	108	2/93 RFO	Bobbin	ODI	15	1.23	6TH TSP +2.85
17	110	2/93 RFO	Bobbin	NQI		0.76	5TH TSP +24.57
		2/93 RFO	H/L Special Int	VOL		0.55	5TH TSP +24.85
18	4	2/93 RFO	Bobbin	ODI	1	0.57	10TH TSP +37.01
		2/93 RFO	Bobbin	ODI	4	1.09	17TH TSP +10.44
		2/93 RFO	H/L Tubesheet	VOL		0.19	TTS-HL -0.11
18	15	2/93 RFO	Bobbin	ADS		3.17	11TH TSP +7.29
		2/93 RFO	Bobbin	ADS		4.46	11TH TSP +12.86
		2/93 RFO	C/L Special Int	VOL		0.15	11TH TSP +6.79
		2/93 RFO	C/L Special Int	VOL		0.22	11TH TSP +12.51
18	17	2/93 RFO	Bobbin	ODI	17	0.60	10TH TSP +24.34
18	36	2/93 RFO	Bobbin	ODI	7	2.22	13TH TSP +28.28
18	37	2/93 RFO	Bobbin	ODI	12	2.43	16TH TSP +16.94
18	38	2/93 RFO	Bobbin	ODI	15	0.90	10TH TSP +41.98
18	41	2/93 RFO	Bobbin	ODI	5	1.16	12TH TSP +21.79
18	64	2/93 RFO	Bobbin	ADS		5.42	1ST TSP +22.16
		2/93 RFO	H/L Special Int	VOL		0.46	1ST TSP +22.12
18	82	2/93 RFO	Bobbin	ADS		2.77	10TH TSP +32.32
		2/93 RFO	C/L Special Int	VOL		0.42	10TH TSP +36.88
18	90	2/93 RFO	Bobbin	ADS		3.43	12TH TSP +17.65
		2/93 RFO	C/L Special Int	VOL		0.58	12TH TSP +15.70
18	111	2/93 RFO	Bobbin	NQI		0.73	6TH TSP +27.11
		2/93 RFO	Bobbin	ADS		3.85	14TH TSP +15.75
		2/93 RFO	Bobbin	ODI	12	1.37	7TH TSP +15.60
		2/93 RFO	H/L Special Int	VOL		0.25	6TH TSP +25.88
		2/93 RFO	H/L Special Int	VOL		0.38	6TH TSP +27.15
		2/93 RFO	C/L Special Int	VOL		1.07	13TH TSP +1.11
		2/93 RFO	C/L Special Int	VOL		1.38	13TH TSP -2.19
19	5	2/93 RFO	H/L Tubesheet	VOL		0.33	TTS-HL -0.09
19	16	2/93 RFO	Bobbin	NQI		0.33	4TH TSP +15.48
		2/93 RFO	Bobbin	NQI		0.42	4TH TSP +11.87
		2/93 RFO	H/L Special Int	VOL		0.41	4TH TSP +11.82
19	62	2/93 RFO	Bobbin	ODI	7	0.50	12TH TSP +30.64
19	69	2/93 RFO	Bobbin	NQI		0.83	6TH TSP +14.06
		2/93 RFO	H/L Special Int	VOL		0.56	6TH TSP +14.00
		2/93 RFO	H/L Special Int	VOL		0.71	6TH TSP +27.45
19	83	2/93 RFO	Bobbin	ADS		2.79	1ST TSP +7.61
19	91	2/93 RFO	Bobbin	ADS		2.32	10TH TSP +22.50
		2/93 RFO	C/L Special Int	VOL		0.55	10TH TSP +19.79
19	94	2/93 RFO	Bobbin	ODI	1	1.74	1ST TSP +15.52
		2/93 RFO	Bobbin	ODI	5	1.08	4TH TSP +8.63
		2/93 RFO	Bobbin	ODI	11	1.43	5TH TSP +12.51
		2/93 RFO	Bobbin	ODI	17	0.79	5TH TSP +9.54
19	96	2/93 RFO	Bobbin	ADS		7.20	11TH TSP +35.37
19	100	2/93 RFO	Bobbin	ODI	12	0.74	18* TSP +21.59
19	102	2/93 RFO	Bobbin	ADS		1.98	10TH TSP +10.77
		2/93 RFO	C/L Special Int	VOL		0.32	10TH TSP +11.39
19	103	2/93 RFO	Bobbin	NQI		0.54	10TH TSP +20.67
		2/93 RFO	Bobbin	NQI		0.56	10TH TSP +17.33
		2/93 RFO	Bobbin	ADS		4.38	13TH TSP +23.95 to +29.69
		2/93 RFO	C/L Special Int	VOL		0.35	13TH TSP +23.69
		2/93 RFO	C/L Special Int	VOL		0.42	13TH TSP +27.55
19	105	2/93 RFO	Bobbin	NQI		0.53	7TH TSP +41.48
		2/93 RFO	Bobbin	NQI		0.55	7TH TSP +40.67
		2/93 RFO	Bobbin	ODI	7	1.09	10TH TSP +41.54
		2/93 RFO	H/L Special Int	VOL		0.74	7TH TSP +40.67
19	107	2/93 RFO	Bobbin	NQI		0.65	15TH TSP +15.88
		2/93 RFO	Bobbin	NQI		1.41	12TH TSP +2.74
		2/93 RFO	C/L Special Int	VOL		0.29	15TH TSP +15.43
		2/93 RFO	C/L Special Int	VOL		0.66	12TH TSP +2.63
20	5	2/93 RFO	Bobbin	ODI	30	0.58	10TH TSP +44.07
20	9	2/93 RFO	Bobbin	NQI		0.30	11TH TSP +17.56
20	12	2/93 RFO	Bobbin	ADS		5.63	18TH TSP +8.29
		2/93 RFO	Bobbin	ODI	13	0.40	10TH TSP +16.30
		2/93 RFO	Bobbin	ODI	19	0.39	10TH TSP +15.07

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCA	DOM
20	23	2/93 RFO	Bobbin	ADS		3.75	14TH TSP	+10.26
		2/93 RFO	C/L Special Int	VOL		0.27	14TH TSP	+10.53
20	57	2/93 RFO	Bobbin	NQI		0.59	7TH TSP	+39.12
		2/93 RFO	Bobbin	NQI		0.97	6TH TSP	+23.19
		2/93 RFO	Bobbin	NQI		1.13	6TH TSP	+20.62
		2/93 RFO	Bobbin	NQI		0.34	10TH TSP	+29.97
		2/93 RFO	Bobbin	NQI		0.38	11TH TSP	+7.63
		2/93 RFO	Bobbin	NQI		0.50	10TH TSP	+27.13
		2/93 RFO	Bobbin	NQI		0.71	14TH TSP	+14.85
		2/93 RFO	C/L Special Int	VOL		0.25	10TH TSP	+37.75
		2/93 RFO	C/L Special Int	VOL		0.60	10TH TSP	+27.07
		2/93 RFO	C/L Special Int	VOL		0.70	14TH TSP	+15.16
20	63	2/93 RFO	Bobbin	ODI	8	0.45	15TH TSP	+16.37
20	69	2/93 RFO	Bobbin	ADS		2.62	18TH TSP	+11.41
		2/93 RFO	C/L Special Int	VOL		0.50	18TH TSP	+11.13
20	70	2/93 RFO	Bobbin	ADS		3.71	16TH TSP	+6.69
		2/93 RFO	C/L Special Int	VOL		0.42	16TH TSP	+5.94
20	75	2/93 RFO	Bobbin	ADS		3.37	3RD TSP	+20.98
20	86	2/93 RFO	Bobbin	ADS		3.77	6TH TSP	+8.63
		2/93 RFO	H/L Special Int	VOL		0.35	6TH TSP	+8.79
20	88	2/93 RFO	Bobbin	NQI		1.08	12TH TSP	+38.25
		2/93 RFO	C/L Special Int	VOL		0.44	12TH TSP	+36.84
20	91	2/93 RFO	Bobbin	NQI		0.69	5TH TSP	+36.11
		2/93 RFO	H/L Special Int	VOL		0.40	6TH TSP	-5.25
20	92	2/93 RFO	Bobbin	NQI		1.24	10TH TSP	+3.83
		2/93 RFO	C/L Special Int	VOL		0.64	10TH TSP	+3.48
20	109	2/93 RFO	Bobbin	ODI	10	1.12	1ST TSP	+21.51
21	19	2/93 RFO	Bobbin	ODI	14	0.73	10TH TSP	+32.30
21	25	2/93 RFO	Bobbin	NQI		0.52	5TH TSP	+10.04
		2/93 RFO	H/L Special Int	VOL		0.23	5TH TSP	+10.08
21	43	2/93 RFO	Bobbin	ADS		1.67	13TH TSP	+29.22
		2/93 RFO	C/L Special Int	VOL		0.13	13TH TSP	+30.51
		2/93 RFO	C/L Special Int	VOL		0.27	13TH TSP	+28.04
		2/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+26.69
21	53	2/93 RFO	Bobbin	ADS		3.28	2ND TSP	+16.12
		2/93 RFO	H/L Special Int	VOL		0.35	2ND TSP	+16.16
21	76	2/93 RFO	Bobbin	ADS		4.12	7TH TSP	+29.20
		2/93 RFO	H/L Special Int	VOL		0.22	8TH TSP	-14.92
21	8C	2/93 RFO	Bobbin	ADS		10.27	2ND TSP	+13.30
		2/93 RFO	H/L Special Int	VOL		0.91	2ND TSP	+13.48
21	88	2/93 RFO	Bobbin	ADS		5.23	7TH TSP	+17.29
		2/93 RFO	H/L Special Int	VOL		0.54	7TH TSP	+17.51
21	89	2/93 RFO	Bobbin	ADS		4.51	10TH TSP	+2.45
		2/93 RFO	C/L Special Int	VOL		0.23	10TH TSP	+2.24
21	94	2/93 RFO	Bobbin	ADS		2.17	10TH TSP	+5.56
		2/93 RFO	Bobbin	NQI		0.70	10TH TSP	+6.25
		2/93 RFO	Bobbin	NQI		1.00	10TH TSP	+9.33
		2/93 RFO	Bobbin	NQI		1.08	10TH TSP	+4.78
		2/93 RFO	C/L Special Int	VOL		0.57	10TH TSP	+3.93
		2/93 RFO	C/L Special Int	VOL		0.87	10TH TSP	+9.79
21	101	2/93 RFO	Bobbin	ADS		2.26	7TH TSP	+22.51
		2/93 RFO	Bobbin	ODI	26	0.92	7TH TSP	+21.67
21	105	2/93 RFO	Bobbin	ODI	47	1.15	10TH TSP	+43.96
		2/93 RFO	C/L Special Int	VOL		0.48	10TH TSP	+45.02
21	106	2/93 RFO	Bobbin	ADS		2.27	10TH TSP	+34.64
		2/93 RFO	Bobbin	ADS		2.68	10TH TSP	+42.94
		2/93 RFO	C/L Special Int	VOL		0.25	10TH TSP	+41.05
		2/93 RFO	C/L Special Int	VOL		1.07	10TH TSP	+34.37
21	107	2/93 RFO	Bobbin	ODI	29	1.27	5TH TSP	+37.77
		2/93 RFO	H/L Special Int	VOL		0.51	5TH TSP	+20.69
		2/93 RFO	H/L Special Int	VOL		0.73	5TH TSP	+19.84
22	11	2/93 RFO	Bobbin	ADS		5.11	13TH TSP	+24.83
		2/93 RFO	C/L Special Int	VOL		0.49	12TH TSP	-17.34
22	20	2/93 RFO	Bobbin	ODI	28	0.38	7TH TSP	+33.65
		2/93 RFO	Bobbin	ODI	7	1.36	11TH TSP	+27.86

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
22	41	2/93 RFO	Bobbin	ODI	13	0.46	7TH TSP +5.16
22	44	2/93 RFO	Bobbin	ODI	8	0.76	10TH TSP +42.58
22	87	2/93 RFO	Bobbin	ADS		2.56	10TH TSP +10.87
		2/93 RFO	C/L Special Int	VOL		0.14	10TH TSP +11.05
22	96	2/93 RFO	Bobbin	ADS		5.30	7TH TSP +20.65
		2/93 RFO	Bobbin	ODI	26	0.82	6TH TSP +19.68
		2/93 RFO	H/L Special Int	VOL		0.55	7TH TSP +20.45
22	109	2/93 RFO	Bobbin	ADS		3.51	1ST TSP +7.81
		2/93 RFO	H/L Special Int	VOL		0.37	1ST TSP +7.66
23	16	2/93 RFO	Bobbin	ODI	32	0.47	7TH TSP +35.21
23	19	2/93 RFO	Bobbin	NQI		0.49	10TH TSP +13.94
		2/93 RFO	Bobbin	ODI	18	1.13	7TH TSP +19.67
23	31	2/93 RFO	Bobbin	ODI	2	0.69	7TH TSP +9.35
23	77	2/93 RFO	Bobbin	ADS		5.33	15TH TSP +2.43
		2/93 RFO	C/L Special Int	VOL		0.11	15TH TSP +2.45
23	93	2/93 RFO	Bobbin	ODI	3	1.05	3RD TSP +18.94
		2/93 RFO	H/L Special Int	VOL		0.27	3RD TSP +18.37
23	95	2/93 RFO	Bobbin	NQI		1.66	6TH TSP +21.92
		2/93 RFO	H/L Special Int	VOL		1.39	6TH TSP +20.85
23	102	2/93 RFO	Bobbin	ADS		0.46	11TH TSP +20.35
23	106	2/93 RFO	Bobbin	ODI	4	0.69	7TH TSP +32.25
		2/93 RFO	Bobbin	ADS		2.93	10TH TSP +25.58 to +43.01
23	108	2/93 RFO	Bobbin	ADS		1.48	7TH TSP +17.23
		2/93 RFO	Bobbin	NQI		0.58	7TH TSP +34.23
		2/93 RFO	Bobbin	NQI		0.64	7TH TSP +25.13
		2/93 RFO	Bobbin	ODI	8	1.23	7TH TSP +22.76
		2/93 RFO	H/L Special Int	VOL		0.46	7TH TSP +18.51
24	15	2/93 RFO	Bobbin	ODI	3	1.25	18TH TSP +3.12
24	18	2/93 RFO	Bobbin	ODI	7	0.68	10TH TSP +42.76
24	25	2/93 RFO	Bobbin	ODI	1	1.55	14TH TSP +4.79
24	41	2/93 RFO	Bobbin	WAR	8	1.75	1ST TSP +0.00
24	49	2/93 RFO	Bobbin	NQI		0.22	9TH TSP -0.03
		2/93 RFO	Bobbin	NQI		0.29	10TH TSP +41.27
		2/93 RFO	Bobbin	ODI	5	0.61	18TH TSP +16.36
24	55	2/93 RFO	Bobbin	ADS		1.34	10TH TSP +34.83
24	63	2/93 RFO	Bobbin	ODI	26	0.74	11TH TSP +4.42
24	77	2/93 RFO	Bobbin	NQI		0.44	16TH TSP +8.63
		2/93 RFO	C/L Special Int	VOL		0.50	16TH TSP +8.38
24	84	2/93 RFO	Bobbin	ODI	1	2.71	5TH TSP +30.14
24	90	2/93 RFO	Bobbin	NQI		0.99	16TH TSP +7.35
		2/93 RFO	C/L Special Int	VOL		0.23	16TH TSP +7.42
24	99	2/93 RFO	Bobbin	ODI	12	1.44	7TH TSP +34.70
24	100	2/93 RFO	Bobbin	ODI	12	0.81	8TH TSP -1.17
24	104	2/93 RFO	Bobbin	NQI		0.47	10TH TSP +31.55
		2/93 RFO	Bobbin	ODI	16	0.94	10TH TSP +29.12
		2/93 RFO	Bobbin	ODI	65	0.72	10TH TSP +27.15
24	108	2/93 RFO	Bobbin	ADS		2.02	7TH TSP +30.69
		2/93 RFO	H/L Special Int	VOL		0.36	7TH TSP +30.21
25	8	2/93 RFO	Bobbin	ADS		5.47	16TH TSP +13.23
		2/93 RFO	C/L Special Int	VOL		0.31	15TH TSP -5.06
25	13	2/93 RFO	Bobbin	ADS		3.04	16TH TSP +12.28
		2/93 RFO	C/L Special Int	VOL		0.24	15TH TSP -6.10
25	16	2/93 RFO	Bobbin	ADS		2.97	5TH TSP +12.45
		2/93 RFO	H/L Special Int	VOL		0.36	5TH TSP +12.41
25	19	2/93 RFO	Bobbin	WAR	19	1.06	2AVB +0.00
		2/93 RFO	Bobbin	ODI	16	1.15	6TH TSP +20.33
		2/93 RFO	Bobbin	ODI	21	0.81	5TH TSP +39.94
		2/93 RFO	Bobbin	ODI	23	1.41	5TH TSP +11.56
25	24	2/93 RFO	Bobbin	NQI		0.68	17TH TSP +3.10 to +7.05
		2/93 RFO	C/L Special Int	VOL		0.28	17TH TSP +3.08 to +6.25
25	25	2/93 RFO	Bobbin	NQI		0.21	7TH TSP +39.94
		2/93 RFO	Bobbin	NQI		0.70	3RD TSP +25.84
25	27	2/93 RFO	Bobbin	NQI		0.43	7TH TSP +10.90
		2/93 RFO	Bobbin	ODI	15	0.61	7TH TSP +11.94
25	29	2/93 RFO	Bobbin	NQI		0.65	1AVB +18.27

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
25	30	2/93 RFO	Bobbin	ADS		4.39	14TH TSP +9.20
		2/93 RFO	Bobbin	NQI		0.30	10TH TSP +30.21
		2/93 RFO	Bobbin	NQI		0.48	10TH TSP +37.40
		2/93 RFO	Bobbin	NQI		0.61	10TH TSP +33.85
		2/93 RFO	Bobbin	ODI	4	1.01	10TH TSP +34.58
		2/93 RFO	C/L Special Int	VOL		0.22	14TH TSP +9.91
25	53	2/93 RFO	Bobbin	ODI	8	0.55	10TH TSP +42.71
25	55	2/93 RFO	Bobbin	NQI		1.14	12TH TSP +6.82
		2/93 RFO	C/L Special Int	VOL		0.50	12TH TSP +6.70
25	71	2/93 RFO	Bobbin	ADS		0.98	7TH TSP +37.80
25	80	2/93 RFO	Bobbin	ADS		3.92	2ND TSP +1.78
		2/93 RFO	Bobbin	ADS		3.01	19TH TSP +3.77
		2/93 RFO	Bobbin	ODI	16	0.47	9TH TSP -1.45
		2/93 RFO	C/L Special Int	VOL		0.27	9TH TSP -1.40
		2/93 RFO	H/L Special Int	VOL		0.48	2ND TSP +2.32
		2/93 RFO	C/L Special Int	VOL		0.21	19TH TSP +3.57
25	100	2/93 RFO	Bobbin	NQI		0.56	17TH TSP +7.91
		2/93 RFO	Bobbin	ODI	21	0.99	4TH TSP +17.71
		2/93 RFO	Bobbin	ODI	62	1.84	4TH TSP +10.79
		2/93 RFO	Bobbin	ODI	75	0.95	4TH TSP +11.36
		2/93 RFO	Bobbin	ODI	23	0.48	11TH TSP +35.05
		2/93 RFO	Bobbin	ODI	26	0.44	11TH TSP +7.67
		2/93 RFO	H/L Special Int	VOL		0.53	4TH TSP +18.20
25	102	2/93 RFO	Bobbin	ODI	9	0.60	18TH TSP +10.76
25	104	2/93 RFO	Bobbin	NQI		0.58	13TH TSP +35.17
		2/93 RFO	C/L Special Int	VOL		0.21	13TH TSP +35.17
26	15	2/93 RFO	Bobbin	ODI	4	0.97	7TH TSP +40.66
26	20	2/93 RFO	Bobbin	ODI	28	0.39	7TH TSP +25.08
26	24	2/93 RFO	Bobbin	ADS		3.25	12TH TSP +6.37
		2/93 RFO	C/L Special Int	VOL		0.37	12TH TSP +6.37
26	28	2/93 RFO	Bobbin	ADS		4.20	18TH TSP +4.69
		2/93 RFO	C/L Special Int	VOL		0.46	18TH TSP +4.27
26	30	2/93 RFO	Bobbin	NQI		0.19	7TH TSP +35.69
		2/93 RFO	Bobbin	NQI		0.32	10TH TSP +39.47
		2/93 RFO	Bobbin	ODI	1	1.94	8TH TSP -0.81
		2/93 RFO	Bobbin	ODI	2	0.74	10TH TSP +34.28
		2/93 RFO	Bobbin	ODI	25	0.36	10TH TSP +33.07
26	32	2/93 RFO	Bobbin	ADS		11.81	4AVB +3.79
26	36	2/93 RFO	Bobbin	ODI	13	0.52	10TH TSP +33.85
26	41	2/93 RFO	Bobbin	ADS		5.55	17TH TSP +12.49
		2/93 RFO	C/L Special Int	VOL		0.17	17TH TSP +11.43
26	49	2/93 RFO	Bobbin	ADS		4.74	7TH TSP +8.10
		2/93 RFO	H/L Special Int	VOL		0.37	7TH TSP +7.35
26	64	2/93 RFO	Bobbin	ADS		3.56	14TH TSP +5.07
26	74	2/93 RFO	Bobbin	ODI	8	1.73	10TH TSP +1.92
		2/93 RFO	Bobbin	ADS		3.33	10TH TSP +22.81 to +24.16
		2/93 RFO	Bobbin	ADS		3.34	10TH TSP +19.57 to +20.98
26	88	2/93 RFO	Bobbin	ADS		3.83	11TH TSP +17.06
		2/93 RFO	C/L Special Int	VOL		0.26	11TH TSP +17.24
27	18	2/93 RFO	Bobbin	ADS		5.67	1ST TSP +24.36
		2/93 RFO	H/L Special Int	VOL		0.72	2ND TSP -4.35
27	19	2/93 RFO	Bobbin	NQI		0.50	11TH TSP +8.18
27	20	2/93 RFO	Bobbin	ODI	27	0.71	7TH TSP +20.42
27	48	2/93 RFO	Bobbin	ADS		1.73	10TH TSP +35.38
		2/93 RFO	Bobbin	ODI	31	0.51	10TH TSP +34.01
27	49	2/93 RFO	Bobbin	ADS		1.64	7TH TSP +8.46
		2/93 RFO	Bobbin	ODI	22	1.15	7TH TSP +7.49
		2/93 RFO	H/L Tubesheet	VOL		2.33	TTS-HL +0.00
27	51	2/93 RFO	Bobbin	NQI		0.34	10TH TSP +39.73
27	53	2/93 RFO	Bobbin	ODI	9	0.92	10TH TSP +27.61
27	83	2/93 RFO	Bobbin	NQI		1.43	9TH TSP -0.65
27	91	2/93 RFO	Bobbin	ADS		3.68	6TH TSP +2.49
		2/93 RFO	H/L Special Int	VOL		0.17	6TH TSP +2.76
27	92	2/93 RFO	Bobbin	ADS		2.19	6TH TSP +39.99
27	94	2/93 RFO	Bobbin	NQI		0.46	7TH TSP +41.52

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
27	98	2/93 RFO	Bobbin	ODI	2	0.39	7TH TSP +39.24
		2/93 RFO	Bobbin	ODI	7	1.18	10TH TSP +38.53
		2/93 RFO	Bobbin	ODI	27	2.67	10TH TSP +39.67
27	101	2/93 RFO	Bobbin	NQI		0.37	7TH TSP +29.93
27	102	2/93 RFO	Bobbin	ODI	33	2.80	7TH TSP +28.50
		2/93 RFO	Bobbin	ODI	31	0.27	10TH TSP +41.41
27	103	2/93 RFO	Bobbin	NQI		2.15	4TH TSP +24.15
27	104	2/93 RFO	Bobbin	NQI		0.76	13TH TSP +16.39
		2/93 RFO	C/L Special Int	VOL		0.43	13TH TSP +16.34
27	106	2/93 RFO	Bobbin	ODI	29	0.62	7TH TSP +41.55
28	9	2/93 RFO	Bobbin	ADS		2.60	14TH TSP +5.89
28	12	2/93 RFO	Bobbin	ODI	18	0.63	7TH TSP +25.95
28	15	2/93 RFO	Bobbin	ADS		7.35	6TH TSP +33.08
		2/93 RFO	Bobbin	ADS		7.76	6TH TSP +30.20
		2/93 RFO	H/L Special Int	VOL		0.49	7TH TSP -16.48
		2/93 RFO	H/L Special Int	VOL		0.92	7TH TSP -9.70
		2/93 RFO	H/L Special Int	VOL		1.04	7TH TSP -12.56
28	42	2/93 RFO	Bobbin	ADS		3.98	10TH TSP +38.44
		2/93 RFO	C/L Special Int	VOL		0.26	9TH TSP -6.99
28	45	2/93 RFO	Bobbin	NQI		1.52	5TH TSP +8.11
		2/93 RFO	Bobbin	ADS		3.81	14TH TSP +2.74
		2/93 RFO	Bobbin	NQI		0.67	13TH TSP +35.26
		2/93 RFO	Bobbin	ODI	16	1.22	5TH TSP +25.14
		2/93 RFO	H/L Special Int	VOL		0.59	5TH TSP +8.16
		2/93 RFO	C/L Special Int	VOL		0.28	12TH TSP -7.53
		2/93 RFO	C/L Special Int	VOL		0.34	14TH TSP +2.44
28	48	2/93 RFO	Bobbin	NQI		0.56	7TH TSP +12.24
		2/93 RFO	Bobbin	NQI		1.35	5TH TSP +6.81
		2/93 RFO	Bobbin	NQI		1.00	13TH TSP +36.54
		2/93 RFO	Bobbin	NQI		1.19	13TH TSP +35.62
		2/93 RFO	Bobbin	NQI		1.21	17TH TSP +15.23
		2/93 RFO	Bobbin	NQI		1.28	12TH TSP +38.76
		2/93 RFO	H/L Special Int	VOL		0.40	7TH TSP +12.90
		2/93 RFO	C/L Special Int	VOL		0.25	13TH TSP -1.31
		2/93 RFO	C/L Special Int	VOL		0.27	13TH TSP +36.52
		2/93 RFO	C/L Special Int	VOL		0.29	13TH TSP +34.34
		2/93 RFO	C/L Special Int	VOL		0.31	13TH TSP +35.57
		2/93 RFO	C/L Special Int	VOL		0.34	16TH TSP -2.69
		2/93 RFO	C/L Special Int	VOL		0.40	11TH TSP -4.16
		2/93 RFO	H/L Special Int	VOL		0.70	5TH TSP +5.71 to +6.92
28	74	2/93 RFO	Bobbin	ADS		4.30	10TH TSP +7.52
28	78	2/93 RFO	Bobbin	ODI	12	1.16	13TH TSP +28.73
		2/93 RFO	Bobbin	ODI	12	1.43	13TH TSP +24.76
28	88	2/93 RFO	Bobbin	NQI		1.00	4TH TSP +19.53
		2/93 RFO	Bobbin	ODI	5	3.34	13TH TSP +26.31
		2/93 RFO	C/L Special Int	VOL		0.42	13TH TSP +22.67
		2/93 RFO	C/L Special Int	VOL		0.61	13TH TSP +25.35
28	94	2/93 RFO	Bobbin	NQI		0.39	10TH TSP +42.07
		2/93 RFO	Bobbin	NQI		1.20	10TH TSP +43.26
28	96	2/93 RFO	Bobbin	ODI	4	0.83	9TH TSP -0.61
28	99	2/93 RFO	Bobbin	ADS		2.35	10TH TSP +35.00
		2/93 RFO	Bobbin	ODI	22	1.02	10TH TSP +33.62
28	100	2/93 RFO	Bobbin	ADS		0.61	7TH TSP +37.28
		2/93 RFO	Bobbin	NQI		0.45	7TH TSP +39.87
		2/93 RFO	Bobbin	NQI		0.47	7TH TSP +36.30
28	102	2/93 RFO	Bobbin	NQI		0.25	7TH TSP +27.64
		2/93 RFO	Bobbin	ODI	47	1.77	3RD TSP +19.37
		2/93 RFO	H/L Special Int	VOL		0.94	3RD TSP +18.89
28	103	2/93 RFO	Bobbin	ADS		0.94	7TH TSP +31.06
		2/93 RFO	Bobbin	NQI		0.37	7TH TSP +30.22
28	105	2/93 RFO	Bobbin	ADS		3.54	6TH TSP +36.25
		2/93 RFO	Bobbin	ADS		1.25	10TH TSP +33.86
		2/93 RFO	C/L Special Int	VOL		0.44	9TH TSP -12.21
29	18	2/93 RFO	Bobbin	ODI	11	0.90	7TH TSP +18.32
29	22	2/93 RFO	Bobbin	NQI		1.22	3RD TSP +15.43

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
29	25	2/93 RFO	Bobbin	ODI	15	0.62	10TH TSP	+32.81
29	32	2/93 RFO	Bobbin	ODI	5	1.00	7TH TSP	+37.08
29	40	2/93 RFO	Bobbin	NQI		0.47	10TH TSP	+40.37
		2/93 RFO	Bobbin	ODI	12	1.13	7TH TSP	+32.04
29	48	2/93 RFO	Bobbin	ODI	8	0.85	7TH TSP	+38.99
29	52	2/93 RFO	Bobbin	ODI	18	1.06	1ST TSP	+15.79
29	53	2/93 RFO	Bobbin	ODI	10	0.93	13TH TSP	+35.01
29	70	2/93 RFO	Bobbin	ODI	24	0.69	2ND TSP	+11.70
		2/93 RFO	Bobbin	ODI	57	1.07	2ND TSP	+12.64
		2/93 RFO	H/L Special Int	VOL		0.65	2ND TSP	+11.24
29	78	2/93 RFO	Bobbin	NQI		1.24	5TH TSP	+2.72
		2/93 RFO	H/L Special Int	VOL		0.65	5TH TSP	+2.72
29	82	2/93 RFO	Bobbin	ODI	1	1.75	17TH TSP	+4.33
29	84	2/93 RFO	Bobbin	ADS		2.27	10TH TSP	+19.80
		2/93 RFO	Bobbin	ODI	1	0.98	10TH TSP	+39.93
		2/93 RFO	C/L Special Int	VOL		0.42	10TH TSP	+19.99
29	94	2/93 RFO	Bobbin	ODI	15	0.93	10TH TSP	+20.56
29	96	2/93 RFO	Bobbin	ODI	63	1.88	10TH TSP	+10.84
		2/93 RFO	C/L Special Int	VOL		0.85	10TH TSP	+10.30
29	99	2/93 RFO	Bobbin	ODI	8	1.77	7TH TSP	+34.97
29	100	2/93 RFO	Bobbin	ODI	13	1.72	6TH TSP	+6.35
29	102	2/93 RFO	Bobbin	ADS		4.41	3RD TSP	+27.34
		2/93 RFO	Bobbin	ADS		6.37	5TH TSP	+8.05
		2/93 RFO	Bobbin	ADS		3.30	13TH TSP	+35.51
		2/93 RFO	H/L Special Int	VOL		0.41	4TH TSP	-8.23
29	104	2/93 RFO	Bobbin	ADS		2.18	7TH TSP	+9.44
30	11	2/93 RFO	Bobbin	NQI		0.55	7TH TSP	+24.32
		2/93 RFO	H/L Special Int	VOL		0.34	7TH TSP	+24.62
30	12	2/93 RFO	Bobbin	ODI	5	0.94	10TH TSP	+41.90
30	13	2/93 RFO	Bobbin	NQI		0.62	12TH TSP	+11.16
		2/93 RFO	Bobbin	ODI	24	0.66	11TH TSP	+31.08
		2/93 RFO	C/L Special Int	VOL		0.14	10TH TSP	-11.34
		2/93 RFO	C/L Special Int	VOL		0.20	12TH TSP	+10.81
30	15	2/93 RFO	Bobbin	ODI	18	0.49	18TH TSP	+12.11
30	17	2/93 RFO	Bobbin	ODI	8	1.01	12TH TSP	+14.46
30	29	2/93 RFO	Bobbin	ODI	12	0.80	10TH TSP	+38.72
30	34	2/93 RFO	Bobbin	ODI	7	0.66	10TH TSP	+28.75
30	41	2/93 RFO	Bobbin	ODI	4	1.43	1ST TSP	+19.84
30	49	2/93 RFO	Bobbin	ODI	15	1.02	4TH TSP	+38.99
30	51	2/93 RFO	Bobbin	ODI	3	1.49	7TH TSP	+29.12
30	56	2/93 RFO	Bobbin	ODI	4	0.89	6TH TSP	+29.49
		2/93 RFO	Bobbin	ODI	12	1.03	13TH TSP	+15.63
30	61	2/93 RFO	Bobbin	ADS		4.76	12TH TSP	+21.59
30	65	2/93 RFO	Bobbin	ADS		1.47	10TH TSP	+43.07
30	66	2/93 RFO	Bobbin	NQI		0.46	14TH TSP	+14.51
		2/93 RFO	Bobbin	ODI	14	0.75	14TH TSP	+8.91
30	79	2/93 RFO	Bobbin	ADS		3.80	15TH TSP	+6.36
		2/93 RFO	Bobbin	NQI		0.80	11TH TSP	+5.73
		2/93 RFO	C/L Special Int	VOL		0.36	11TH TSP	+5.79
		2/93 RFO	C/L Special Int	VOL		0.53	15TH TSP	+5.76
		2/93 RFO	C/L Special Int	VOL		0.73	15TH TSP	+6.59
30	80	2/93 RFO	Bobbin	ADS		2.44	14TH TSP	+10.78
30	83	2/93 RFO	Bobbin	ODI	10	1.35	5TH TSP	+29.90
		2/93 RFO	Bobbin	ODI	17	2.13	5TH TSP	+28.09
		2/93 RFO	Bobbin	ODI	33	2.41	5TH TSP	+33.74
30	88	2/93 RFO	Bobbin	ODI	20	1.21	12TH TSP	+27.27
30	96	2/93 RFO	Bobbin	NQI		0.48	10TH TSP	+12.00
		2/93 RFO	Bobbin	ODI	13	0.87	4TH TSP	+31.71
30	98	2/93 RFO	Bobbin	ADS		1.71	7TH TSP	+26.01
		2/93 RFO	H/L Special Int	VOL		0.38	7TH TSP	+25.48
30	102	2/93 RFO	Bobbin	ODI	20	0.37	6TH TSP	+30.01
30	103	2/93 RFO	Bobbin	NQI		1.71	6TH TSP	+29.37
		2/93 RFO	Bobbin	NQI		3.20	15TH TSP	+12.93
		2/93 RFO	Bobbin	NQI		8.67	11TH TSP	+10.94
		2/93 RFO	Bobbin	ODI	1	1.72	3RD TSP	+29.39

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
		2/93 RFO	Bobbin	ODI	2	2.51	3RD TSP	+30.57
		2/93 RFO	C/L Special Int	VOL		0.90	14TH TSP	-4.04
31	16	2/93 RFO	Bobbin	ODI	4	1.13	7TH TSP	+37.26
31	18	2/93 RFO	Bobbin	ODI	12	0.63	10TH TSP	+35.86
31	22	2/93 RFO	Bobbin	ODI	28	0.53	7TH TSP	+24.28
		2/93 RFO	Bobbin	ODI	33	0.49	7TH TSP	+33.73
31	33	2/93 RFO	Bobbin	ODI	4	0.79	7TH TSP	+30.42
		2/93 RFO	Bobbin	ODI	33	0.49	7TH TSP	+20.22
31	35	2/93 RFO	Bobbin	NQI		0.70	12TH TSP	+39.60
		2/93 RFO	Bobbin	ODI	10	0.76	10TH TSP	+39.42
		2/93 RFO	Bobbin	ODI	12	2.46	19TH TSP	+4.78
		2/93 RFO	C/L Special Int	VOL		0.15	11TH TSP	-6.31
		2/93 RFO	C/L Special Int	VOL		0.18	11TH TSP	-4.51
		2/93 RFO	C/L Special Int	VOL		0.20	11TH TSP	-3.40
31	38	2/93 RFO	Bobbin	ODI	3	0.72	7TH TSP	+23.41
31	40	2/93 RFO	Bobbin	ODI	22	0.44	7TH TSP	+26.24
31	42	2/93 RFO	Bobbin	ODI	28	1.52	7TH TSP	+40.35
31	44	2/93 RFO	Bobbin	NQI		1.25	16TH TSP	+13.40
		2/93 RFO	C/L Special Int	VOL		0.41	15TH TSP	-4.41
31	48	2/93 RFO	Bobbin	ODI	3	1.11	7TH TSP	+14.80
31	52	2/93 RFO	Bobbin	ODI	5	1.03	7TH TSP	+15.90
31	55	2/93 RFO	Bobbin	ODI	5	0.83	5TH TSP	+18.51
31	68	2/93 RFO	Bobbin	ADS		5.83	5TH TSP	+19.84
31	72	2/93 RFO	Bobbin	NQI		1.23	5TH TSP	+41.10
		2/93 RFO	H/L Special Int	VOL		0.25	6TH TSP	-1.25
31	73	2/93 RFO	Bobbin	ODI	14	1.35	15TH TSP	+13.03
31	75	2/93 RFO	Bobbin	ODI	1	2.17	11TH TSP	+14.72
31	77	2/93 RFO	Bobbin	ADS		2.72	10TH TSP	+41.00
31	81	2/93 RFO	Bobbin	ODI	12	2.33	11TH TSP	+25.79
31	82	2/93 RFO	Bobbin	NQI		1.12	1ST TSP	+10.21
		2/93 RFO	H/L Special Int	VOL		0.38	1ST TSP	+9.28
31	96	2/93 RFO	Bobbin	ODI	8	1.31	3AVB	+21.89
31	97	2/93 RFO	Bobbin	ADS		7.79	TTS-CL	+4.50
		2/93 RFO	C/L Special Int	VOL		0.27	TTS-CL	+3.98
31	99	2/93 RFO	Bobbin	ODI	1	1.73	10TH TSP	+9.71
		2/93 RFO	Bobbin	ODI	3	1.65	13TH TSP	+26.82
		2/93 RFO	Bobbin	ODI	14	0.97	19TH TSP	+6.74
31	103	2/93 RFO	Bobbin	ODI	3	0.85	2AVB	+0.00
31	104	2/93 RFO	Bobbin	ADS		2.45	19TH TSP	+4.04
		2/93 RFO	Bobbin	ADS		2.45	19TH TSP	+3.40
		2/93 RFO	Bobbin	NQI		0.89	19TH TSP	+3.31
		2/93 RFO	C/L Special Int	VOL		0.38	19TH TSP	+3.48
32	13	2/93 RFO	Bobbin	ODI	10	1.81	14TH TSP	+10.95
		2/93 RFO	Bobbin	ODI	14	0.64	15TH TSP	+4.34
		2/93 RFO	C/L Special Int	VOL		0.15	15TH TSP	+4.26
		2/93 RFO	C/L Special Int	VOL		0.37	13TH TSP	-6.94
32	14	2/93 RFO	Bobbin	ADS		3.29	11TH TSP	+6.49
		2/93 RFO	C/L Special Int	VOL		0.18	11TH TSP	+6.02
32	18	2/93 RFO	Bobbin	ODI	11	1.17	4TH TSP	+21.94
32	26	2/93 RFO	Bobbin	ADS		4.10	6TH TSP	+21.40
		2/93 RFO	H/L Special Int	VOL		0.22	6TH TSP	+20.91
32	28	2/93 RFO	Bobbin	NQI		0.72	3RD TSP	+30.09
		2/93 RFO	H/L Special Int	VOL		0.18	4TH TSP	-5.88
32	34	2/93 RFO	Bobbin	ODI	6	0.93	11TH TSP	+32.19
32	40	2/93 RFO	Bobbin	NQI		0.37	12TH TSP	+26.40
32	45	2/93 RFO	Bobbin	NQI		0.96	3RD TSP	+13.99
		2/93 RFO	H/L Special Int	VOL		0.76	3RD TSP	+14.10
32	55	2/93 RFO	Bobbin	ADS		5.98	10TH TSP	+28.24
32	63	2/93 RFO	Bobbin	ADS		3.62	3RD TSP	+8.90
		2/93 RFO	Bobbin	ADS		2.88	18TH TSP	+2.48
32	70	2/93 RFO	Bobbin	NQI		0.87	13TH TSP	+17.99
		2/93 RFO	C/L Special Int	VOL		0.28	13TH TSP	+18.47
32	79	2/93 RFO	Bobbin	ADS		9.85	7TH TSP	+32.71
		2/93 RFO	Bobbin	ADS		6.51	12TH TSP	+12.48
		2/93 RFO	Bobbin	NQI		1.72	17TH TSP	+6.97

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin	ADS		2.27	17TH TSP +4.74 to +11.52
		2/93 RFO	C/L Special Int	VOL		0.66	12TH TSP +12.48
		2/93 RFO	C/L Special Int	VOL		0.88	17TH TSP +4.74 to +11.34
32	80	2/93 RFO	Bobbin	ADS		2.40	7TH TSP +27.28
32	81	2/93 RFO	Bobbin	ODI	6	0.59	13TH TSP +29.12
32	82	2/93 RFO	Bobbin	ADS		4.40	12TH TSP +34.89
		2/93 RFO	C/L Special Int	VOL		1.13	12TH TSP +34.89
32	87	2/93 RFO	Bobbin	NQI		0.46	4TH TSP +26.26
32	88	2/93 RFO	Bobbin	ADS		4.98	12TH TSP +33.83
		2/93 RFO	C/L Special Int	VOL		0.38	12TH TSP +33.83
32	89	2/93 RFO	Bobbin	ODI	14	1.33	12TH TSP +9.01
		2/93 RFO	C/L Special Int	VOL		0.54	12TH TSP +9.02
32	90	2/93 RFO	Bobbin	ODI	10	1.15	4TH TSP +32.35
		2/93 RFO	H/L Special Int	VOL		0.35	5TH TSP -10.26
32	97	2/93 RFO	Bobbin	ADS		0.99	7TH TSP +35.79
32	103	2/93 RFO	Bobbin	ADS		6.91	7TH TSP +42.52
		2/93 RFO	Bobbin	ODI	1	1.30	7TH TSP +41.41
33	12	2/93 RFO	Bobbin	ODI	18	1.10	11TH TSP +6.80
		2/93 RFO	Bobbin	NQI		0.81	17TH TSP +1.89 to +5.95
33	15	2/93 RFO	Bobbin	ODI	36	0.75	2ND TSP +8.14
33	16	2/93 RFO	Bobbin	ADS		1.85	7TH TSP +28.12
33	17	2/93 RFO	Bobbin	ODI	24	1.70	15TH TSP +2.21
		2/93 RFO	C/L Special Int	VOL		0.61	15TH TSP +2.21
33	20	2/93 RFO	Bobbin	ADS		5.16	1ST TSP +18.80
		2/93 RFO	H/L Special Int	VOL		0.40	2ND TSP -9.62
33	22	2/93 RFO	Bobbin	ADS		7.45	7TH TSP +29.62
		2/93 RFO	H/L Special Int	VOL		0.34	8TH TSP -15.71
33	23	2/93 RFO	Bobbin	ODI	22	0.63	10TH TSP +33.81
33	28	2/93 RFO	Bobbin	ODI	13	0.44	18TH TSP +4.35
		2/93 RFO	Bobbin	ODI	23	0.55	18TH TSP +3.25
33	33	2/93 RFO	Bobbin	NQI		0.47	4TH TSP +35.34
		2/93 RFO	H/L Special Int	VOL		0.25	4TH TSP +35.73
33	59	2/93 RFO	Bobbin	ADS		3.65	1ST TSP +22.03 / 2ND TSP +0.34
33	61	2/93 RFO	Bobbin	ODI	11	0.52	10TH TSP +33.57
33	63	2/93 RFO	Bobbin	NQI		0.55	2ND TSP +5.02
		2/93 RFO	H/L Special Int	VOL		0.24	2ND TSP +5.05
33	75	2/93 RFO	Bobbin	ADS		7.17	4TH TSP +7.80
		2/93 RFO	Bobbin	ADS		7.84	5TH TSP +5.41
33	80	2/93 RFO	Bobbin	NQI		1.56	15TH TSP +15.30
33	82	2/93 RFO	Bobbin	ADS		4.17	13TH TSP +23.38
		2/93 RFO	Bobbin	ADS		5.14	15TH TSP +3.92
33	93	2/93 RFO	Bobbin	WAR	15	0.67	2AVB +0.00
33	97	2/93 RFO	Bobbin	ADS		7.96	4TH TSP +5.96
		2/93 RFO	H/L Special Int	VOL		0.85	4TH TSP +6.21
34	13	2/93 RFO	Bobbin	ODI	4	0.70	3AVB +16.58
34	14	2/93 RFO	Bobbin	ADS		2.63	7TH TSP +20.43
		2/93 RFO	Bobbin	ODI	16	1.16	7TH TSP +19.58
34	16	2/93 RFO	Bobbin	ODI	9	0.79	7TH TSP +28.32
34	17	2/93 RFO	Bobbin	ODI	32	0.74	10TH TSP +34.48
34	18	2/93 RFO	Bobbin	ADS		6.81	2ND TSP +33.74
		2/93 RFO	Bobbin	ODI	35	0.45	18TH TSP +9.54
		2/93 RFO	H/L Special Int	VOL		0.57	3RD TSP -2.17
34	22	2/93 RFO	Bobbin	ADS		6.12	17TH TSP +10.59
		2/93 RFO	C/L Special Int	VOL		0.15	16TH TSP -10.20
		2/93 RFO	C/L Special Int	VOL		0.23	16TH TSP -7.68
34	23	2/93 RFO	Bobbin	ODI	16	0.61	10TH TSP +6.25
		2/93 RFO	Bobbin	ODI	18	0.77	10TH TSP +33.12
34	27	2/93 RFO	Bobbin	ADS		1.94	7TH TSP +34.98
34	34	2/93 RFO	Bobbin	ODI	33	0.50	16TH TSP +13.98
		2/93 RFO	Bobbin	ODI	36	0.38	17TH TSP +13.43
34	39	2/93 RFO	Bobbin	ODI	21	1.42	9TH TSP +1.64
34	40	2/93 RFO	Bobbin	ADS		5.16	2AVB +10.65
		2/93 RFO	Bobbin	NQI		0.81	3AVB +12.18
34	42	2/93 RFO	Bobbin	ODI	11	1.57	1ST TSP +16.45
34	51	2/93 RFO	Bobbin	ADS		3.04	17TH TSP +11.97

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
		2/93 RFO	Bobbin	ADS		3.68	13TH TSP	+29.83
34	52	2/93 RFO	Bobbin	ADS		5.76	2ND TSP	+32.68
		2/93 RFO	H/L Special Int	VOL		0.50	2ND TSP	+33.59
34	55	2/93 RFO	Bobbin	ODI	17	0.76	6TH TSP	+19.52
		2/93 RFO	Bobbin	ODI	24	0.72	6TH TSP	+34.76
		2/93 RFO	Bobbin	ODI	5	0.74	10TH TSP	+37.81
34	60	2/93 RFO	Bobbin	NQI		1.09	8TH TSP	+1.63
34	61	2/93 RFO	Bobbin	ADS		14.54	2ND TSP	+13.38
		2/93 RFO	Bobbin	NQI		1.47	8TH TSP	+1.41
34	63	2/93 RFO	Bobbin	NQI		1.22	2ND TSP	+9.58
		2/93 RFO	Bobbin	ODI	19	0.99	2ND TSP	+11.00
		2/93 RFO	H/L Special Int	VOL		0.75	2ND TSP	+9.79
34	69	2/93 RFO	Bobbin	WAR	30	2.32	2AVB	+0.00
34	70	2/93 RFO	Bobbin	ODI	9	0.58	10TH TSP	+30.22
34	74	2/93 RFO	Bobbin	NQI		0.71	8TH TSP	+1.84
34	85	2/93 RFO	Bobbin	ODI	3	2.43	12TH TSP	+4.55
35	14	2/93 RFO	Bobbin	WAR	12	0.65	4AVB	+0.00
		2/93 RFO	Bobbin	WAR	17	0.89	1AVB	+0.00
		2/93 RFO	Bobbin	WAR	24	1.64	2AVB	+0.00
		2/93 RFO	Bobbin	WAR	38	4.42	3AVB	+0.00
35	15	2/93 RFO	Bobbin	NQI		0.27	7TH TSP	+20.37
		2/93 RFO	Bobbin	ODI	17	0.66	7TH TSP	+24.08
		2/93 RFO	Bobbin	ODI	19	0.76	7TH TSP	+26.54
35	16	2/93 RFO	Bobbin	ODI	28	0.76	7TH TSP	+35.24
35	26	2/93 RFO	Bobbin	ODI	6	1.05	1ST TSP	+27.50
35	27	2/93 RFO	Bobbin	ADS		4.90	3RD TSP	+23.62
35	28	2/93 RFO	Bobbin	WAR	21	1.04	3AVB	+0.00
35	30	2/93 RFO	Bobbin	ADS		6.45	TTS-HL	+2.01
		2/93 RFO	H/L Tubesheet	VOL		0.80	TTS-HL	+1.95
		2/93 RFO	H/L Special Int	VOL		0.52	TTS-HL	+2.52
35	32	2/93 RFO	Bobbin	ADS		6.33	11TH TSP	+35.38
		2/93 RFO	C/L Special Int	VOL		0.28	11TH TSP	+36.24
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+34.20
		2/93 RFO	C/L Special Int	VOL		0.54	11TH TSP	+35.00
35	51	2/93 RFO	Bobbin	ODI	13	1.02	10TH TSP	+14.95
35	74	2/93 RFO	Bobbin	NQI		1.62	8TH TSP	+5.20
		2/93 RFO	Bobbin	NQI		1.15	10TH TSP	+13.32
		2/93 RFO	H/L Special Int	VOL		0.49	8TH TSP	+4.36
		2/93 RFO	C/L Special Int	VOL		0.39	10TH TSP	+12.85
35	87	2/93 RFO	Bobbin	ADS		2.02	11TH TSP	+21.24
35	92	2/93 RFO	Bobbin	NQI		1.77	9TH TSP	-0.66
35	100	2/93 RFO	Bobbin	ADS		1.68	7TH TSP	+31.47
		2/93 RFO	Bobbin	ADS		2.90	10TH TSP	+20.99
		2/93 RFO	Bobbin	NQI		0.61	14TH TSP	+6.02
		2/93 RFO	Bobbin	NQI		0.78	14TH TSP	+13.64
		2/93 RFO	Bobbin	NQI		2.13	14TH TSP	+7.72
		2/93 RFO	C/L Special Int	VOL		0.47	14TH TSP	+7.42
35	101	2/93 RFO	Bobbin	ADS		1.85	10TH TSP	+38.13
36	20	2/93 RFO	Bobbin	ADS		1.20	7TH TSP	+25.31
36	27	2/93 RFO	Bobbin	ODI	16	0.84	11TH TSP	+15.21
		2/93 RFO	Bobbin	ODI	31	0.56	12TH TSP	+30.78
36	31	2/93 RFO	Bobbin	NQI		0.64	7TH TSP	+11.47
36	32	2/93 RFO	Bobbin	ADS		4.44	17TH TSP	+13.92
		2/93 RFO	C/L Special Int	VOL		0.15	17TH TSP	+13.46
36	37	2/93 RFO	Bobbin	ADS		1.91	11TH TSP	+12.65
36	43	2/93 RFO	Bobbin	ADS		2.70	6TH TSP	+22.16
36	52	2/93 RFO	Bobbin	ODI	6	1.28	11TH TSP	+22.64
36	59	2/93 RFO	Bobbin	NQI		0.39	10TH TSP	+17.44
36	62	2/93 RFO	Bobbin	ADS		2.61	12TH TSP	+36.30
36	68	2/93 RFO	Bobbin	ODI	6	0.87	7TH TSP	+15.82
36	71	2/93 RFO	Bobbin	ODI	27	2.13	8TH TSP	-0.57
36	79	2/93 RFO	Bobbin	ODI	1	0.58	10TH TSP	+41.69
		2/93 RFO	Bobbin	ODI	12	0.46	10TH TSP	+39.00
36	90	2/93 RFO	Bobbin	ADS		6.24	12TH TSP	+37.98
		2/93 RFO	C/L Special Int	VOL		0.39	11TH TSP	-5.69

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
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ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
36	91	2/93 RFO	Bobbin	ODI	9	0.46	10TH TSP	+35.49
		2/93 RFO	C/L Special Int	VOL		0.57	9TH TSP	-10.20
36	100	2/93 RFO	Bobbin	NQI		0.34	7TH TSP	+36.69
		2/93 RFO	Bobbin	ADS		6.65	12TH TSP	+25.53
		2/93 RFO	Bobbin	ODI	8	1.13	7TH TSP	+27.66
		2/93 RFO	C/L Special Int	VOL		0.62	12TH TSP	+24.63
37	22	2/93 RFO	Bobbin	ODI	12	1.03	15TH TSP	+11.94
37	23	2/93 RFO	Bobbin	ADS		2.71	10TH TSP	+30.27
		2/93 RFO	Bobbin	NQI		0.83	12TH TSP	+32.32
		2/93 RFO	Bobbin	ODI	10	3.38	12TH TSP	+17.85
		2/93 RFO	C/L Special Int	VOL		0.22	9TH TSP	-14.30
		2/93 RFO	C/L Special Int	VOL		0.43	11TH TSP	-10.48
37	27	2/93 RFO	Bobbin	WAR	15	0.75	2AVB	+0.00
37	49	2/93 RFO	Bobbin	ADS		6.64	4AVB	+11.49
37	52	2/93 RFO	Bobbin	ADS		1.67	5TH TSP	+31.53
		2/93 RFO	H/L Special Int	VOL		0.37	5TH TSP	+30.98
37	62	2/93 RFO	Bobbin	ODI	34	0.37	6TH TSP	+25.79
37	65	2/93 RFO	Bobbin	ODI	27	1.45	1ST TSP	+19.67
37	66	2/93 RFO	Bobbin	NQI		0.59	7TH TSP	+41.71
		2/93 RFO	Bobbin	ODI	28	0.81	7TH TSP	+41.40
		2/93 RFO	Bobbin	ODI	1	0.74	7TH TSP	+36.90 to +38.64
37	70	2/93 RFO	Bobbin	ODI	12	0.59	2ND TSP	+19.66
37	71	2/93 RFO	Bobbin	NQI		1.10	2ND TSP	+13.88
		2/93 RFO	Bobbin	ADS		2.56	12TH TSP	+27.38
		2/93 RFO	Bobbin	ODI	17	0.73	17TH TSP	+14.63
		2/93 RFO	H/L Special Int	VOL		0.76	2ND TSP	+13.53
		2/93 RFO	C/L Special Int	VOL		0.25	11TH TSP	-16.51
		2/93 RFO	C/L Special Int	VOL		0.31	11TH TSP	-4.76
37	80	2/93 RFO	Bobbin	ADS		5.30	3RD TSP	+21.87
37	90	2/93 RFO	H/L Tubesheet	VOL		0.40	TTS-HL	+1.53
37	93	2/93 RFO	C/L Special Int	VOL		0.40	10TH TSP	+14.14
38	18	2/93 RFO	Bobbin	ADS		3.19	7TH TSP	+39.64
38	19	2/93 RFO	Bobbin	NQI		0.24	7TH TSP	+27.90
		2/93 RFO	Bobbin	ADS		1.44	10TH TSP	+34.95
		2/93 RFO	Bobbin	ODI	6	0.34	7TH TSP	+29.03
		2/93 RFO	Bobbin	ODI	6	1.44	7TH TSP	+29.80
		2/93 RFO	Bobbin	ODI	5	0.34	10TH TSP	+33.55
		2/93 RFO	C/L Special Int	VOL		0.18	9TH TSP	-10.26
38	20	2/93 RFO	Bobbin	ODI	15	0.72	7TH TSP	+35.40
		2/93 RFO	Bobbin	ODI	10	0.90	10TH TSP	+36.74
38	28	2/93 RFO	Bobbin	ODI	16	0.78	7TH TSP	+31.47
38	29	2/93 RFO	Bobbin	ADS		3.51	4TH TSP	+31.30
38	31	2/93 RFO	Bobbin	ODI	8	0.72	7TH TSP	+21.10
		2/93 RFO	Bobbin	ODI	31	0.50	7TH TSP	+11.39
38	36	2/93 RFO	Bobbin	ADS		4.43	17TH TSP	+14.01
		2/93 RFO	Bobbin	ADS		5.14	14TH TSP	+12.46
		2/93 RFO	Bobbin	ODI	1	0.81	10TH TSP	+30.59
		2/93 RFO	C/L Special Int	VOL		0.24	17TH TSP	+14.17
		2/93 RFO	C/L Special Int	VOL		0.49	14TH TSP	+12.79
38	41	2/93 RFO	Bobbin	NQI		0.32	8TH TSP	-2.18
		2/93 RFO	Bobbin	NQI		0.64	8TH TSP	-1.78
		2/93 RFO	Bobbin	ODI	3	0.58	7TH TSP	+37.22
38	43	2/93 RFO	Bobbin	ADS		2.35	10TH TSP	+40.95
38	44	2/93 RFO	Bobbin	ADS		4.28	4TH TSP	+29.92
		2/93 RFO	Bobbin	NQI		1.87	2ND TSP	+20.85
		2/93 RFO	H/L Special Int	VOL		0.39	4TH TSP	+31.54
		2/93 RFO	H/L Special Int	VOL		0.77	2ND TSP	+20.87
38	50	2/93 RFO	Bobbin	NQI		0.50	10TH TSP	+19.05
38	51	2/93 RFO	Bobbin	ODI	11	0.56	14TH TSP	+10.71
38	55	2/93 RFO	Bobbin	NQI		0.39	6TH TSP	+34.90
38	56	2/93 RFO	Bobbin	ADS		2.90	5TH TSP	+27.63
		2/93 RFO	H/L Special Int	VOL		0.26	5TH TSP	+27.45
38	60	2/93 RFO	Bobbin	ODI	1	2.41	10TH TSP	+43.60
		2/93 RFO	Bobbin	ODI	5	0.91	10TH TSP	+42.49
38	61	2/93 RFO	Bobbin	NQI		0.71	8TH TSP	+1.48

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
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ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
38	64	2/93 RFO	Bobbin	NQI		0.69	5TH TSP +27.63
		2/93 RFO	H/L Special Int	VOL		0.37	5TH TSP +27.99
38	68	2/93 RFO	Bobbin	NQI		1.46	4TH TSP +3.83
		2/93 RFO	H/L Special Int	VOL		0.87	4TH TSP +3.48
38	74	2/93 RFO	Bobbin	ODI	17	0.59	10TH TSP +41.08
38	83	2/93 RFO	Bobbin	ODI	23	0.71	7TH TSP +33.31
		2/93 RFO	Bobbin	ODI	23	0.36	10TH TSP +21.02
38	95	2/93 RFO	Bobbin	ADS		4.39	10TH TSP +16.56
38	96	2/93 RFO	Bobbin	WAR	23	1.17	2AVB +0.00
38	97	2/93 RFO	Bobbin	WAR	13	0.47	4AVB +0.00
		2/93 RFO	Bobbin	WAR	17	0.68	3AVB +0.00
		2/93 RFO	Bobbin	WAR	30	2.06	2AVB +0.00
		2/93 RFO	Bobbin	ADS		4.53	6TH TSP +14.55
		2/93 RFO	Bobbin	ADS		9.02	18TH TSP -0.79
		2/93 RFO	C/L Special Int	VOL		0.26	18TH TSP -1.66
38	98	2/93 RFO	Bobbin	WAR	14	0.53	2AVB +0.00
39	22	2/93 RFO	Bobbin	NQI		0.75	4AVB +3.50
39	23	2/93 RFO	Bobbin	ODI	12	0.64	12TH TSP +18.35
39	28	2/93 RFO	Bobbin	ODI	17	0.48	10TH TSP +31.42
39	32	2/93 RFO	Bobbin	ADS		2.17	1ST TSP +8.75
39	37	2/93 RFO	Bobbin	NQI		0.50	6TH TSP +26.45
		2/93 RFO	H/L Special Int	VOL		0.33	6TH TSP +25.67
39	44	2/93 RFO	Bobbin	ODI	4	1.27	12TH TSP +12.81
		2/93 RFO	Bobbin	ODI	5	0.90	10TH TSP +26.50
		2/93 RFO	Bobbin	ODI	7	1.04	10TH TSP +21.31
		2/93 RFO	Bobbin	ODI	14	0.62	10TH TSP +39.20
		2/93 RFO	Bobbin	ODI	16	0.42	10TH TSP +37.83
		2/93 RFO	Bobbin	ODI	22	0.67	10TH TSP +38.87
39	46	2/93 RFO	Bobbin	NQI		0.60	13TH TSP +11.44
		2/93 RFO	Bobbin	NQI		0.88	10TH TSP +23.13
		2/93 RFO	Bobbin	NQI		1.19	10TH TSP +21.74
39	49	2/93 RFO	Bobbin	NQI		0.80	7TH TSP +33.50 to +41.79
39	51	2/93 RFO	Bobbin	ODI	5	0.63	10TH TSP +12.77
39	53	2/93 RFO	Bobbin	ADS		2.48	3RD TSP +8.08
		2/93 RFO	Bobbin	ODI	17	0.61	3RD TSP +3.65
		2/93 RFO	H/L Special Int	VOL		0.15	3RD TSP +8.37
		2/93 RFO	H/L Special Int	VOL		0.12	3RD TSP +3.51 to +6.79
39	54	2/93 RFO	Bobbin	ODI	5	1.60	2AVB +8.67
		2/93 RFO	Bobbin	NQI		0.42	10TH TSP +5.63
		2/93 RFO	Bobbin	ODI	6	1.22	11TH TSP +36.44
		2/93 RFO	C/L Special Int	VOL		0.45	11TH TSP +37.18
39	60	2/93 RFO	Bobbin	NQI		0.27	7TH TSP +2.77
		2/93 RFO	Bobbin	NQI		2.34	7TH TSP +3.84
		2/93 RFO	Bobbin	NQI		0.56	10TH TSP +37.96
		2/93 RFO	Bobbin	NQI		0.76	10TH TSP +36.14
39	62	2/93 RFO	Bobbin	ODI	1	1.83	7TH TSP +6.10
		2/93 RFO	Bobbin	ODI	14	0.65	7TH TSP +4.96
39	65	2/93 RFO	Bobbin	ODI	11	0.42	TTS-CL +1.77
39	66	2/93 RFO	Bobbin	NQI		1.11	8TH TSP +1.56
39	68	2/93 RFO	Bobbin	NQI		0.61	10TH TSP +7.99
39	76	2/93 RFO	Bobbin	NQI		0.81	2ND TSP +1.71 to +7.51
39	89	2/93 RFO	Bobbin	ADS		1.44	13TH TSP +38.16
39	90	2/93 RFO	Bobbin	ADS		1.75	13TH TSP +24.66
39	91	2/93 RFO	Bobbin	ADS		1.46	4TH TSP +35.39
		2/93 RFO	Bobbin	NQI		0.85	4TH TSP +33.70
		2/93 RFO	H/L Special Int	VOL		0.27	4TH TSP +34.39
		2/93 RFO	H/L Special Int	VOL		0.31	4TH TSP +32.71
39	93	2/93 RFO	Bobbin	ODI	21	1.22	10TH TSP +43.24
40	18	2/93 RFO	Bobbin	WAR	31	2.33	3AVB +0.00
40	19	2/93 RFO	Bobbin	NQI		0.57	10TH TSP +42.95
		2/93 RFO	Bobbin	ODI	1	0.61	7TH TSP +30.80
		2/93 RFO	Bobbin	ODI	5	0.47	7TH TSP +29.13
		2/93 RFO	Bobbin	ODI	37	1.85	7TH TSP +23.89
		2/93 RFO	Bobbin	ODI	7	1.50	10TH TSP +21.33
		2/93 RFO	Bobbin	ODI	13	0.72	10TH TSP +41.83

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCAYION
40	22	2/93 RFO	Bobbin	NQI		0.68	3AVB -14.22
		2/93 RFO	Bobbin	ODI	10	1.18	14TH TSP +3.18
40	23	2/93 RFO	Bobbin	NQI		0.39	7TH TSP +16.32
40	26	2/93 RFO	Bobbin	NQI		0.31	7TH TSP +25.88
		2/93 RFO	Bobbin	NQI		0.54	7TH TSP +23.88
40	28	2/93 RFO	Bobbin	NQI		0.69	12TH TSP +15.96
		2/93 RFO	C/L Special Int	VOL		0.34	12TH TSP +15.54
40	31	2/93 RFO	Bobbin	NQI		0.30	7TH TSP +13.73
		2/93 RFO	Bobbin	NQI		0.68	7TH TSP +2.94
40	40	2/93 RFO	Bobbin	ADS		3.85	5TH TSP +36.84
		2/93 RFO	H/L Special Int	VOL		0.48	6TH TSP -2.60
40	43	2/93 RFO	Bobbin	ODI	7	0.87	9TH TSP +1.82
		2/93 RFO	Bobbin	ODI	6	1.42	11TH TSP +4.46
40	44	2/93 RFO	Bobbin	ADS		3.77	12TH TSP +34.01
		2/93 RFO	Bobbin	NQI		0.93	10TH TSP +40.20
		2/93 RFO	Bobbin	ODI	1	1.31	9TH TSP +1.82
		2/93 RFO	Bobbin	ODI	1	1.44	10TH TSP +42.84
		2/93 RFO	H/L Tubesheet	VOL		0.63	TTS-HL +0.25
		2/93 RFO	C/L Special Int	VOL		0.23	9TH TSP -5.40
		2/93 RFO	C/L Special Int	VOL		0.43	12TH TSP +35.07
40	45	2/93 RFO	Bobbin	ODI	6	0.97	1AVB +14.55
40	47	2/93 RFO	Bobbin	ODI	6	0.75	10TH TSP +41.88
40	48	2/93 RFO	Bobbin	NQI		0.56	9TH TSP -0.57
		2/93 RFO	Bobbin	ODI	8	0.87	10TH TSP +42.41
40	50	2/93 RFO	Bobbin	ADS		4.33	17TH TSP +6.98
		2/93 RFO	C/L Special Int	VOL		0.34	17TH TSP +6.69
40	54	2/93 RFO	Bobbin	ODI	3	1.84	3AVB +14.72
		2/93 RFO	Bobbin	WAR	27	2.06	3AVB +0.00
		2/93 RFO	Bobbin	ODI	10	1.56	2ND TSP +17.00
		2/93 RFO	Bobbin	ODI	10	1.06	10TH TSP +5.14
40	59	2/93 RFO	Bobbin	ADS		3.95	1AVB +16.42 to +29.52
40	60	2/93 RFO	Bobbin	NQI		0.70	7TH TSP +32.38
		2/93 RFO	Bobbin	ODI	16	0.57	8TH TSP +1.63
40	61	2/93 RFO	Bobbin	ADS		2.32	10TH TSP +17.42
		2/93 RFO	Bobbin	NQI		1.29	12TH TSP +1.55 to +3.63
		2/93 RFO	C/L Special Int	VOL		0.25	12TH TSP +3.72
		2/93 RFO	C/L Special Int	VOL		0.29	12TH TSP +2.36
		2/93 RFO	C/L Special Int	VOL		0.38	10TH TSP +16.42
40	63	2/93 RFO	Bobbin	NQI		1.09	8TH TSP +1.81
		2/93 RFO	Bobbin	NQI		2.01	3RD TSP +12.44
		2/93 RFO	Bobbin	ODI	1	1.23	2ND TSP +12.36
40	64	2/93 RFO	Bobbin	NQI		0.65	2ND TSP +33.50
		2/93 RFO	Bobbin	NQI		0.84	8TH TSP +1.69
		2/93 RFO	H/L Special Int	VOL		0.51	3RD TSP -2.60
40	65	2/93 RFO	Bobbin	ODI	13	0.92	8TH TSP +1.74
40	66	2/93 RFO	Bobbin	NQI		0.95	8TH TSP +1.70
		2/93 RFO	Bobbin	ADS		1.59	10TH TSP +32.40
40	67	2/93 RFO	Bobbin	NQI		0.72	8TH TSP +1.63
40	68	2/93 RFO	Bobbin	ODI	1	1.30	3RD TSP +7.03
		2/93 RFO	Bobbin	ODI	1	1.36	6TH TSP +7.82
		2/93 RFO	Bobbin	ODI	1	1.66	7TH TSP +21.61
		2/93 RFO	Bobbin	ODI	5	0.48	6TH TSP +6.63
		2/93 RFO	Bobbin	ODI	6	1.01	8TH TSP +1.81
		2/93 RFO	Bobbin	ODI	27	0.44	7TH TSP +20.52
		2/93 RFO	Bobbin	ODI	1	1.51	10TH TSP +31.51
		2/93 RFO	Bobbin	ODI	16	0.77	10TH TSP +30.33
40	69	2/93 RFO	Bobbin	ODI	23	0.83	8TH TSP +1.63
40	70	2/93 RFO	Bobbin	NQI		0.44	7TH TSP +17.57
		2/93 RFO	Bobbin	NQI		0.78	8TH TSP +1.69
		2/93 RFO	Bobbin	ODI	1	1.06	7TH TSP +18.58
		2/93 RFO	Bobbin	ODI	38	1.25	9TH TSP +1.39
40	71	2/93 RFO	Bobbin	ODI	14	0.85	8TH TSP +1.74
40	72	2/93 RFO	Bobbin	ADS		1.87	2ND TSP +12.30
		2/93 RFO	Bobbin	NQI		0.90	8TH TSP +1.68
40	79	2/93 RFO	Bobbin	ADS		3.51	1ST TSP +26.73

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	Bobbin	ADS		5.81	9TH TSP +12.18
40	82	2/93 RFO	Bobbin	ODI	1	1.10	5TH TSP +30.60
40	86	2/93 RFO	Bobbin	NQI		0.80	16TH TSP +6.88
		2/93 RFO	Bobbin	ODI	1	0.44	5TH TSP +30.14
40	91	2/93 RFO	Bobbin	ODI	11	2.06	6TH TSP +8.21
40	94	2/93 RFO	Bobbin	WAR	26	2.00	2AVB +0.00
40	95	2/93 RFO	Bobbin	WAR	17	1.04	4AVB +0.00
		2/93 RFO	Bobbin	WAR	26	1.92	2AVB +0.00
41	20	2/93 RFO	Bobbin	ADS		3.96	17TH TSP +7.62 to +9.21
		2/93 RFO	C/L Special Int	VOL		0.30	17TH TSP +7.88
41	22	2/93 RFO	Bobbin	ADS		1.90	10TH TSP +28.98
		2/93 RFO	Bobbin	ADS		4.19	12TH TSP +23.26
		2/93 RFO	Bobbin	ODI	4	1.03	7TH TSP +28.10
		2/93 RFO	Bobbin	ODI	22	0.82	7TH TSP +25.42
		2/93 RFO	C/L Special Int	VOL		0.25	12TH TSP +21.94
41	31	2/93 RFO	Bobbin	ADS		14.39	11TH TSP -1.63
		2/93 RFO	Bobbin	ODI	1	1.28	7TH TSP -1.06
		2/93 RFO	C/L Special Int	VOL		0.71	11TH TSP -1.50
41	49	2/93 RFO	Bobbin	NQI		0.46	18TH TSP +2.13
		2/93 RFO	Bobbin	NQI		0.46	18TH TSP +2.69
		2/93 RFO	Bobbin	NQI		0.71	18TH TSP +4.52
		2/93 RFO	Bobbin	NQI		1.35	18TH TSP +3.38
		2/93 RFO	Bobbin	ODI	27	0.69	18TH TSP +3.99
41	60	2/93 RFO	Bobbin	ODI	1	1.12	10TH TSP +37.93 to +39.81
41	63	2/93 RFO	Bobbin	NQI		0.33	6TH TSP +15.04
		2/93 RFO	Bobbin	ODI	1	1.57	6TH TSP +16.16
41	68	2/93 RFO	Bobbin	ADS		6.49	2ND TSP +11.95
		2/93 RFO	Bobbin	ADS		8.12	10TH TSP +5.51
		2/93 RFO	H/L Special Int	VOL		0.76	2ND TSP +12.53
		2/93 RFO	C/L Special Int	VOL		0.33	10TH TSP +5.00
41	69	2/93 RFO	Bobbin	ADS		2.74	11TH TSP +39.29
41	81	2/93 RFO	Bobbin	WAR	21	1.14	2AVB +0.00
41	82	2/93 RFO	Bobbin	ODI	11	0.65	12TH TSP +10.54
41	83	2/93 RFO	Bobbin	WAR	15	0.54	4AVB +0.00
		2/93 RFO	Bobbin	WAR	15	0.68	2AVB +0.00
		2/93 RFO	Bobbin	WAR	19	0.76	3AVB +0.00
41	84	2/93 RFO	Bobbin	NQI		7.36	2AVB +2.25
41	85	2/93 RFO	Bobbin	WAR	23	1.28	3AVB +0.00
41	90	2/93 RFO	Bobbin	WAR	14	0.48	3AVB +0.00
41	92	2/93 RFO	Bobbin	WAR	12	0.48	4AVB +0.00
		2/93 RFO	Bobbin	WAR	17	0.83	3AVB +0.00
41	94	2/93 RFO	Bobbin	WAR	21	1.20	2AVB +0.00
		2/93 RFO	Bobbin	WAR	31	2.41	3AVB +0.00
42	21	2/93 RFO	Bobbin	ODI	6	0.51	9TH TSP -0.80
		2/93 RFO	Bobbin	ODI	6	1.30	13TH TSP +19.87
42	22	2/93 RFO	Bobbin	ODI	6	0.88	10TH TSP +35.22
42	30	2/93 RFO	Bobbin	ADS		1.75	7TH TSP +17.01
42	53	2/93 RFO	Bobbin	ADS		7.04	4TH TSP +25.73
		2/93 RFO	H/L Special Int	VOL		0.72	4TH TSP +26.49
42	54	2/93 RFO	Bobbin	ADS		6.14	17TH TSP +4.99
		2/93 RFO	Bobbin	ADS		8.88	15TH TSP +7.73
		2/93 RFO	C/L Special Int	VOL		0.33	17TH TSP +4.71
		2/93 RFO	C/L Special Int	VOL		0.59	14TH TSP -10.36
42	61	2/93 RFO	Bobbin	ADS		5.45	13TH TSP +22.04
		2/93 RFO	C/L Special Int	VOL		0.19	13TH TSP +22.12
42	62	2/93 RFO	Bobbin	NQI		0.55	7TH TSP +8.59
42	70	2/93 RFO	Bobbin	ADS		2.54	11TH TSP +21.23
		2/93 RFO	Bobbin	ADS		4.26	14TH TSP +5.60
42	75	2/93 RFO	Bobbin	ADS		5.84	4TH TSP +16.20
		2/93 RFO	Bobbin	ADS		5.46	12TH TSP +14.09
		2/93 RFO	Bobbin	NQI		1.05	17TH TSP +3.00
		2/93 RFO	H/L Special Int	VOL		0.41	4TH TSP +16.29
		2/93 RFO	C/L Special Int	VOL		0.41	12TH TSP +14.03
		2/93 RFO	C/L Special Int	VOL		0.42	17TH TSP +3.15
42	85	2/93 RFO	Bobbin	WAR	19	0.72	3AVB +0.00

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
		2/93 RFO	Bobbin	WAR	34	3.00	2AVB	+0.00
42	91	2/93 RFO	Bobbin	WAR	19	0.95	3AVB	+0.00
42	92	2/93 RFO	Bobbin	ODI	21	0.37	7TH TSP	+33.37
		2/93 RFO	Bobbin	ODI	21	0.46	7TH TSP	+23.19
42	93	2/93 RFO	Bobbin	WAR	20	1.05	2AVB	+0.00
		2/93 RFO	Bobbin	WAR	43	8.50	3AVB	+0.00
		2/93 RFO	C/L Special Int	VOL		0.70	3AVB	+0.00
		2/93 RFO	C/L Special Int	VOL		0.88	3AVB	+0.00
43	29	2/93 RFO	Bobbin	ODI	2	0.93	TTS-CL	+2.30
		2/93 RFO	Bobbin	ODI	12	0.97	8TH TSP	-0.47
		2/93 RFO	Bobbin	ODI	22	0.70	9TH TSP	-0.67
43	39	2/93 RFO	Bobbin	ADS		2.38	7TH TSP	+40.57
43	41	2/93 RFO	Bobbin	NQI		2.16	2ND TSP	+25.91
		2/93 RFO	H/L Special Int	VOL		0.37	2ND TSP	+26.46
43	49	2/93 RFO	Bobbin	ODI	3	2.01	11TH TSP	+24.66
		2/93 RFO	C/L Special Int	VOL		0.20	11TH TSP	+24.31
43	50	2/93 RFO	Bobbin	ODI	10	0.89	5TH TSP	+22.83
43	55	2/93 RFO	Bobbin	ODI	19	1.73	3AVB	-14.19
		2/93 RFO	Bobbin	ADS		4.49	14TH TSP	+15.98
		2/93 RFO	C/L Special Int	VOL		0.17	13TH TSP	-2.12
43	56	2/93 RFO	Bobbin	ADS		2.79	10TH TSP	+39.36
		2/93 RFO	PREHEATER MRPC	VOL		2.57	18TH TSP	+0.81
43	60	2/93 RFO	Bobbin	ODI	4	1.15	13TH TSP	+31.16
43	68	2/93 RFO	Bobbin	ODI	28	2.02	10TH TSP	+18.01
43	70	2/93 RFO	Bobbin	ADS		2.27	7TH TSP	+14.48
43	86	2/93 RFO	Bobbin	ADS		6.94	2ND TSP	+24.39
		2/93 RFO	H/L Special Int	VOL		0.47	2ND TSP	+24.83
43	91	2/93 RFO	Bobbin	WAR	17	0.80	3AVB	+0.00
		2/93 RFO	Bobbin	WAR	18	0.88	4AVB	+0.00
43	93	2/93 RFO	Bobbin	ADS		7.35	11TH TSP	+11.26
44	23	2/93 RFO	Bobbin	WAR	14	0.62	4AVB	+0.00
		2/93 RFO	Bobbin	WAR	16	0.77	2AVB	+0.00
		2/93 RFO	Bobbin	WAR	37	3.83	3AVB	+0.00
		2/93 RFO	Bobbin	ODI	1	3.58	8TH TSP	+24.22
44	36	2/93 RFO	Bobbin	ODI	32	0.48	9TH TSP	-0.70
44	41	2/93 RFO	Bobbin	ADS		3.68	12TH TSP	+6.68
		2/93 RFO	C/L Special Int	VOL		0.16	12TH TSP	+6.26
44	46	2/93 RFO	Bobbin	ADS		7.13	5TH TSP	+13.07
		2/93 RFO	H/L Special Int	VOL		0.65	5TH TSP	+13.76
44	47	2/93 RFO	Bobbin	ADS		14.31	2ND TSP	+15.68
		2/93 RFO	Bobbin	ADS		7.73	13TH TSP	+20.87
		2/93 RFO	Bobbin	ADS		7.92	13TH TSP	+9.05
		2/93 RFO	H/L Special Int	VOL		0.79	2ND TSP	+16.12
		2/93 RFO	C/L Special Int	VOL		0.24	13TH TSP	+8.08
		2/93 RFO	C/L Special Int	VOL		0.27	13TH TSP	+20.83
44	49	2/93 RFO	Bobbin	NQI		0.88	10TH TSP	+28.55
44	51	2/93 RFO	Bobbin	ADS		2.29	13TH TSP	+36.75
44	60	2/93 RFO	Bobbin	ODI	7	0.82	7TH TSP	+28.43
44	61	2/93 RFO	Bobbin	NQI		1.49	11TH TSP	+2.44
		2/93 RFO	C/L Special Int	VOL		0.53	11TH TSP	+2.38
44	62	2/93 RFO	Bobbin	ODI	1	0.11	7TH TSP	+37.24
44	63	2/93 RFO	Bobbin	ADS		3.43	6TH TSP	+39.01
44	64	2/93 RFO	Bobbin	ADS		4.53	1ST TSP	+23.65
		2/93 RFO	Bobbin	ADS		3.08	13TH TSP	+14.64
		2/93 RFO	H/L Special Int	VOL		0.23	1ST TSP	+22.20
44	65	2/93 RFO	Bobbin	ADS		2.36	16TH TSP	+9.25
		2/93 RFO	Bobbin	ADS		2.42	13TH TSP	+11.63
44	66	2/93 RFO	Bobbin	ODI	1	5.26	3AVB	-18.25
		2/93 RFO	Bobbin	ADS		5.11	5TH TSP	+30.34
		2/93 RFO	Bobbin	ADS		3.65	14TH TSP	+2.77
		2/93 RFO	Bobbin	ADS		4.89	13TH TSP	+30.98
		2/93 RFO	C/L Special Int	VOL		3.14	3AVB	+18.01
		2/93 RFO	H/L Special Int	VOL		0.47	5TH TSP	+31.07
		2/93 RFO	C/L Special Int	VOL		0.36	13TH TSP	+30.67
		2/93 RFO	C/L Special Int	VOL		0.80	14TH TSP	+2.26

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
44	74	2/93 RFO	Bobbin	ADS		3.07	2ND TSP +15.03
44	75	2/93 RFO	Bobbin	ADS		2.49	15TH TSP +5.06
44	79	2/93 RFO	Bobbin	ADS		8.95	6TH TSP +40.08
		2/93 RFO	Bobbin	ADS		2.98	17TH TSP +7.39
		2/93 RFO	H/L Special Int	VOL		0.84	7TH TSP -2.76
44	81	2/93 RFO	Bobbin	ADS		2.03	10TH TSP +22.96
		2/93 RFO	C/L Special Int	VOL		0.76	10TH TSP +19.31
44	88	2/93 RFO	Bobbin	ADS		2.80	10TH TSP +24.82
44	89	2/93 RFO	Bobbin	ADS		13.32	TTS-HL +4.26
		2/93 RFO	H/L Special Int	VOL		0.41	TTS-HL +4.05
45	42	2/93 RFO	Bobbin	ADS		3.73	5TH TSP +35.11
		2/93 RFO	H/L Special Int	VOL		0.49	6TH TSP -8.43
45	74	2/93 RFO	Bobbin	ADS		5.17	5TH TSP +25.59
		2/93 RFO	Bobbin	ADS		3.82	15TH TSP +28.27
		2/93 RFO	H/L Special Int	VOL		0.14	5TH TSP +25.82
45	75	2/93 RFO	Bobbin	HQI		0.82	2ND TSP +14.30
		2/93 RFO	Bobbin	ADS		3.87	12TH TSP +23.71
		2/93 RFO	Bobbin	HQI		1.20	18TH TSP +14.93
		2/93 RFO	C/L Special Int	VOL		0.54	12TH TSP +22.35
45	76	2/93 RFO	Bobbin	ADS		3.78	6TH TSP +33.24
		2/93 RFO	Bobbin	ADS		3.22	12TH TSP +22.76
		2/93 RFO	Bobbin	ADS		3.48	12TH TSP +36.37
		2/93 RFO	C/L Special Int	VOL		0.14	12TH TSP +21.88
		2/93 RFO	C/L Special Int	VOL		0.22	12TH TSP +36.20
45	77	2/93 RFO	Bobbin	ADS		2.32	2ND TSP +3.52
45	79	2/93 RFO	Bobbin	ADS		9.48	4TH TSP +10.15
45	80	2/93 RFO	Bobbin	ADS		3.50	19TH TSP +2.34
		2/93 RFO	Bobbin	ADS		5.71	12TH TSP +21.25
		2/93 RFO	C/L Special Int	VOL		0.21	12TH TSP +20.60
45	81	2/93 RFO	Bobbin	ADS		5.66	7TH TSP +23.23
		2/93 RFO	H/L Special Int	VOL		0.25	7TH TSP +22.74
45	82	2/93 RFO	Bobbin	ADS		3.93	18TH TSP +11.15
		2/93 RFO	Bobbin	ODI	13	0.41	7TH TSP +37.98
		2/93 RFO	C/L Special Int	VOL		0.27	17TH TSP -6.97
45	84	2/93 RFO	Bobbin	ADS		4.24	6TH TSP +35.90
		2/93 RFO	Bobbin	ADS		6.74	12TH TSP +23.03
		2/93 RFO	H/L Special Int	VOL		0.22	7TH TSP -6.61
45	89	2/93 RFO	Bobbin	ADS		6.03	4TH TSP +12.36 to +14.94
		2/93 RFO	H/L Special Int	VOL		0.21	4TH TSP +13.45
		2/93 RFO	H/L Special Int	VOL		0.34	4TH TSP +14.98
45	90	2/93 RFO	Bobbin	WAR	18	0.55	3AVB +0.00
45	91	2/93 RFO	Bobbin	WAR	5	1.34	4AVB +0.00
46	26	2/93 RFO	Bobbin	ODI	8	1.94	2ND TSP +18.22
46	30	2/93 RFO	Bobbin	ADS		3.76	17TH TSP +29.18
		2/93 RFO	Bobbin	HQI		0.70	18TH TSP +12.39
		2/93 RFO	Bobbin	ODI	8	2.04	6TH TSP +16.24
		2/93 RFO	C/L Special Int	VOL		0.13	15TH TSP -3.96
		2/93 RFO	C/L Special Int	VOL		0.24	17TH TSP -5.28
		2/93 RFO	C/L Special Int	VOL		0.28	15TH TSP -6.91
46	32	2/93 RFO	Bobbin	ADS		2.66	6TH TSP +33.39
		2/93 RFO	Bobbin	ADS		6.51	12TH TSP +32.00
		2/93 RFO	H/L Special Int	VOL		0.34	7TH TSP -9.67
		2/93 RFO	C/L Special Int	VOL		0.41	11TH TSP -11.10
46	37	2/93 RFO	Bobbin	HQI		2.05	12TH TSP +9.64
		2/93 RFO	C/L Special Int	VOL		0.58	12TH TSP +10.23
46	40	2/93 RFO	Bobbin	HQI		1.05	3RD TSP +32.97
		2/93 RFO	Bobbin	HQI		1.23	3RD TSP +26.02
		2/93 RFO	H/L Special Int	VOL		0.15	3RD TSP +26.26
		2/93 RFO	H/L Special Int	VOL		0.52	3RD TSP +33.02
46	61	2/93 RFO	Bobbin	ADS		5.84	8TH TSP +31.26
		2/93 RFO	Bobbin	ADS		8.00	2ND TSP +16.40
		2/93 RFO	H/L Special Int	VOL		0.78	2ND TSP +16.99
46	64	2/93 RFO	Bobbin	ADS		14.13	4TH TSP -1.38
		2/93 RFO	Bobbin	ADS		1.89	13TH TSP +17.50
		2/93 RFO	H/L Special Int	VOL		1.25	4TH TSP -0.91

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
46	71	2/93 RFO	Bobbin	ADS		1.78	5TH TSP +33.25
46	74	2/93 RFO	Bobbin	ADS		5.37	17TH TSP +10.82
		2/93 RFO	C/L Special Int	VOL		0.20	17TH TSP +10.00
46	75	2/93 RFO	Bobbin	ADS		2.96	3AVB +22.37
		2/93 RFO	Bobbin	ADS		5.19	2AVB +19.42
		2/93 RFO	Bobbin	ADS		5.04	1ST TSP +17.69
		2/93 RFO	Bobbin	ADS		5.86	7TH TSP +7.66
		2/93 RFO	Bobbin	ADS		6.09	2ND TSP +14.82
		2/93 RFO	Bobbin	ADS		7.91	2ND TSP +28.62
46	77	2/93 RFO	Bobbin	ADS		3.69	4TH TSP +11.54
46	81	2/93 RFO	Bobbin	ADS		5.98	3AVB +18.91
		2/93 RFO	Bobbin	ADS		3.80	2ND TSP +6.34
		2/93 RFO	Bobbin	ADS		4.09	2ND TSP +3.96
		2/93 RFO	Bobbin	ADS		2.94	13TH TSP +32.46
		2/93 RFO	Bobbin	ADS		5.25	18TH TSP +7.83
46	82	2/93 RFO	Bobbin	ADS		4.83	18TH TSP +16.31
46	83	2/93 RFO	Bobbin	ADS		6.55	17TH TSP +30.62
		2/93 RFO	C/L Special Int	VOL		0.32	15TH TSP -5.81
46	85	2/93 RFO	Bobbin	ADS		4.20	17TH TSP +20.25
46	87	2/93 RFO	Bobbin	ADS		5.77	7TH TSP +11.98
		2/93 RFO	H/L Special Int	VOL		0.22	7TH TSP +12.59
46	53	2/93 RFO	Bobbin	ADS		3.91	2ND TSP +4.04
		2/93 RFO	Bobbin	ADS		9.78	5TH TSP +10.23
		2/93 RFO	Bobbin	ADS		4.62	15TH TSP +11.00
		2/93 RFO	H/L Special Int	VOL		0.76	5TH TSP +10.98
47	27	2/93 RFO	Bobbin	WAR	18	1.08	3AVB +0.00
47	33	2/93 RFO	Bobbin	NGI		0.64	17TH TSP +27.32
		2/93 RFO	Bobbin	NGI		0.78	15TH TSP +23.08
		2/93 RFO	Bobbin	NGI		0.85	15TH TSP +21.98
		2/93 RFO	Bobbin	NGI		1.43	17TH TSP +28.93
		2/93 RFO	Bobbin	ODI	2	0.68	15TH TSP +28.36
		2/93 RFO	Bobbin	ODI	33	0.93	18TH TSP +8.39
		2/93 RFO	C/L Special Int	VOL		0.12	15TH TSP +22.37
		2/93 RFO	C/L Special Int	VOL		0.21	15TH TSP +21.48
		2/93 RFO	C/L Special Int	VOL		0.40	17TH TSP +29.18
47	35	2/93 RFO	Bobbin	NGI		0.45	3RD TSP +29.28
47	36	2/93 RFO	Bobbin	NGI		1.35	17TH TSP +4.14
		2/93 RFO	C/L Special Int	VOL		0.33	17TH TSP +3.98
47	39	2/93 RFO	PREHEATER MRPC	VOL		0.15	17TH TSP +2.71
47	42	2/93 RFO	Bobbin	NGI		0.34	6TH TSP +23.01
		2/93 RFO	Bobbin	ADS		3.51	10TH TSP +29.73
		2/93 RFO	H/L Special Int	VOL		0.40	6TH TSP +23.20
47	43	2/93 RFO	Bobbin	ODI	3	2.05	1AVB +19.66
		2/93 RFO	Bobbin	ODI	17	2.56	4AVB +22.68
47	46	2/93 RFO	Bobbin	ODI	18	1.82	11TH TSP +16.77
47	48	2/93 RFO	Bobbin	ADS		1.35	11TH TSP +27.19
47	49	2/93 RFO	Bobbin	ODI	28	1.25	9TH TSP +1.53
47	50	2/93 RFO	Bobbin	ADS		2.98	15TH TSP +18.22
		2/93 RFO	C/L Special Int	VOL		0.18	15TH TSP +18.57
47	55	2/93 RFO	Bobbin	ADS		5.05	4TH TSP +20.83
		2/93 RFO	Bobbin	ADS		2.80	10TH TSP +9.23
		2/93 RFO	Bobbin	ADS		3.73	13TH TSP +34.59
		2/93 RFO	Bobbin	ADS		4.29	10TH TSP +21.05
		2/93 RFO	C/L Special Int	VOL		0.27	10TH TSP +19.43
47	56	2/93 RFO	Bobbin	WAR	20	1.14	2AVB +0.00
		2/93 RFO	Bobbin	WAR	35	3.47	3AVB +0.00
		2/93 RFO	Bobbin	ADS		2.28	12TH TSP +5.43
47	59	2/93 RFO	PREHEATER MRPC	VOL		0.26	17TH TSP -2.00
47	60	2/93 RFO	Bobbin	ADS		2.41	17TH TSP +18.51
		2/93 RFO	Bobbin	ADS		4.86	12TH TSP +32.90
		2/93 RFO	C/L Special Int	VOL		0.17	17TH TSP +17.30
47	61	2/93 RFO	Bobbin	ADS		5.88	10TH TSP +4.87
47	62	2/93 RFO	Bobbin	ADS		7.03	2AVB +30.96
		2/93 RFO	Bobbin	ADS		5.52	17TH TSP +16.88
		2/93 RFO	C/L Special Int	VOL		0.45	17TH TSP +15.57

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
47	65	2/93 RFO	Bobbin	ADS		5.49	4TH TSP +33.69
		2/93 RFO	Bobbin	ADS		5.53	3RD TSP +5.08
		2/93 RFO	Bobbin	ADS		7.03	2ND TSP +24.01
		2/93 RFO	Bobbin	ADS		5.32	15TH TSP +14.33
		2/93 RFO	Bobbin	ADS		7.44	10TH TSP +6.69
		2/93 RFO	H/L Special Int	VOL		0.51	5TH TSP -8.81
		2/93 RFO	C/L Special Int	VOL		0.24	15TH TSP +13.38
		2/93 RFO	C/L Special Int	VOL		0.29	10TH TSP +5.79
47	67	2/93 RFO	Bobbin	ADS		4.41	8TH TSP +24.20
		2/93 RFO	Bobbin	ADS		6.57	10TH TSP +40.85
		2/93 RFO	Bobbin	ADS		9.85	18TH TSP +12.86
		2/93 RFO	C/L Special Int	VOL		0.35	8TH TSP +24.49
		2/93 RFO	C/L Special Int	VOL		1.09	17TH TSP -4.11
47	68	2/93 RFO	Bobbin	ADS		4.76	7TH TSP +6.78
		2/93 RFO	H/L Special Int	VOL		0.44	7TH TSP +7.02
47	69	2/93 RFO	Bobbin	ADS		4.35	5TH TSP +4.60
		2/93 RFO	H/L Special Int	VOL		0.68	5TH TSP +4.93
47	70	2/93 RFO	Bobbin	ADS		4.64	1ST TSP +17.31
		2/93 RFO	Bobbin	ADS		6.28	6TH TSP +33.91
		2/93 RFO	Bobbin	ADS		6.93	5TH TSP +4.11
		2/93 RFO	Bobbin	ADS		3.21	12TH TSP +6.89
		2/93 RFO	H/L Special Int	VOL		0.35	5TH TSP +4.19
		2/93 RFO	H/L Special Int	VOL		0.40	7TH TSP -9.26
47	71	2/93 RFO	Bobbin	ADS		4.90	3AVB +10.48
		2/93 RFO	Bobbin	ADS		2.66	4TH TSP +21.34
		2/93 RFO	Bobbin	ADS		2.67	1ST TSP +22.13
		2/93 RFO	Bobbin	ADS		3.09	7TH TSP +14.10
		2/93 RFO	Bobbin	ADS		4.39	1ST TSP +20.52
		2/93 RFO	Bobbin	ADS		5.04	7TH TSP +12.42
		2/93 RFO	Bobbin	ADS		5.13	1ST TSP +10.89
		2/93 RFO	Bobbin	ADS		5.20	1ST TSP +8.16
		2/93 RFO	Bobbin	ADS		5.53	3RD TSP +22.37
		2/93 RFO	Bobbin	ADS		5.75	6TH TSP +37.47
		2/93 RFO	Bobbin	ADS		3.00	10TH TSP +18.49
		2/93 RFO	H/L Special Int	VOL		0.31	3RD TSP +22.70
		2/93 RFO	H/L Special Int	VOL		0.34	7TH TSP -5.02
		2/93 RFO	H/L Special Int	VOL		0.41	7TH TSP +12.53 to +14.37
47	74	2/93 RFO	Bobbin	NOI		1.30	5TH TSP +17.93
		2/93 RFO	H/L Special Int	VOL		0.24	5TH TSP +18.13
47	75	2/93 RFO	Bobbin	ADS		5.19	1AVB +20.66
		2/93 RFO	Bobbin	ADS		4.17	6TH TSP +37.75
		2/93 RFO	Bobbin	ADS		4.35	4TH TSP +21.97
		2/93 RFO	Bobbin	ADS		5.92	4TH TSP +35.95
		2/93 RFO	Bobbin	ADS		5.98	4TH TSP +29.92
		2/93 RFO	Bobbin	ADS		6.25	5TH TSP +14.80
		2/93 RFO	Bobbin	ADS		8.03	4TH TSP +25.17
		2/93 RFO	Bobbin	ADS		3.59	17TH TSP +26.51
		2/93 RFO	H/L Special Int	VOL		0.34	5TH TSP -13.06
		2/93 RFO	H/L Special Int	VOL		0.43	5TH TSP -17.84
		2/93 RFO	H/L Special Int	VOL		0.59	5TH TSP -7.08
		2/93 RFO	C/L Special Int	VOL		0.33	17TH TSP +25.44
47	77	2/93 RFO	Bobbin	ODI	17	1.16	10TH TSP +40.08
47	78	2/93 RFO	Bobbin	ADS		11.57	1ST TSP +14.41
		2/93 RFO	Bobbin	ADS		2.25	18TH TSP +3.88
		2/93 RFO	Bobbin	ADS		2.64	10TH TSP +19.44
		2/93 RFO	H/L Special Int	VOL		0.31	1ST TSP +14.12
47	81	2/93 RFO	Bobbin	ADS		0.91	11TH TSP +32.15
47	84	2/93 RFO	Bobbin	NOI		1.32	6TH TSP +34.30
47	86	2/93 RFO	Bobbin	ADS		3.59	2/VB +29.58
48	43	2/93 RFO	PREHEATER MRPC	ODI	40	1.69	18TH TSP +0.44
48	44	2/93 RFO	PREHEATER MRPC	ODI	40	4.45	18TH TSP +0.51
48	54	2/93 RFO	Bobbin	ODI	1	2.35	9TH TSP +1.81
48	59	2/93 RFO	Bobbin	ADS		6.56	3RD TSP +9.42
		2/93 RFO	Bobbin	ADS		7.04	17TH TSP +20.81
		2/93 RFO	C/L Special Int	VOL		0.34	17TH TSP +19.83

Bobbin,C/L Special Interest,H/L Special Interest,H/L Tubesheet,PREHEATER MRPC SI

S/G A - ATTACHMENT #1 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
48	68	2/93 RFO	Bobbin	ADS		2.49	12TH TSP +22.35
48	75	2/93 RFO	Bobbin	ODI	1	0.87	10TH TSP +43.51
		2/93 RFO	Bobbin	ODI	1	3.07	10TH TSP +42.44
		2/93 RFO	Bobbin	ODI	21	1.12	10TH TSP +41.19
48	78	2/93 RFO	Bobbin	ADS		2.84	13TH TSP +39.83
		2/93 RFO	Bobbin	ADS		3.76	13TH TSP +38.43
		2/93 RFO	C/L Special Int	VOL		0.25	13TH TSP +38.02
		2/93 RFO	C/L Special Int	VOL		0.26	13TH TSP +37.78
48	80	2/93 RFO	Bobbin	ODI	7	0.87	7TH TSP +20.61
48	84	2/93 RFO	Bobbin	HGI		1.64	9TH TSP -0.69
		2/93 RFO	Bobbin	ADS		2.34	10TH TSP +24.15
		2/93 RFO	Bobbin	ODI	35	1.10	10TH TSP +22.94
49	41	2/93 RFO	Bobbin	ODI	29	0.84	7TH TSP +0.65
		2/93 RFO	H/L Special Int	HGI		0.61	7TH TSP +0.63
49	43	2/93 RFO	Bobbin	HGI		0.86	15TH TSP +13.64
		2/93 RFO	Bobbin	HGI		0.91	15TH TSP +16.20
		2/93 RFO	C/L Special Int	VOL		0.22	15TH TSP +16.55
		2/93 RFO	C/L Special Int	VOL		0.35	15TH TSP +13.78
49	44	2/93 RFO	Bobbin	ODI	91	36.92	18TH TSP +0.55
		2/93 RFO	PREHEATER MRPC	ODI	100	21.70	18TH TSP +0.79
		2/93 RFO	C/L Special Int	ODI	99	7.66	18TH TSP +0.80
49	45	2/93 RFO	Bobbin	ODI	14	1.14	15TH TSP +13.12
49	47	2/93 RFO	Bobbin	HGI		0.50	10TH TSP +20.45
		2/93 RFO	Bobbin	HGI		0.57	10TH TSP +22.37
49	62	2/93 RFO	Bobbin	ADS		3.94	1ST TSP +14.65 to +23.21
		2/93 RFO	H/L Special Int	VOL		0.26	3RD TSP +9.12
49	68	2/93 RFO	PREHEATER MRPC	MAI		1.94	18TH TSP -0.02
		2/93 RFO	C/L Special Int	SAI		1.96	18TH TSP +0.00
49	77	2/93 RFO	Bobbin	WAR	15	0.48	4AVB +0.00
		2/93 RFO	PREHEATER MRPC	MAI		1.13	18TH TSP +0.03
49	80	2/93 RFO	Bobbin	ADS		6.24	7TH TSP +13.83
		2/93 RFO	Bobbin	ODI	1	2.16	2ND TSP +4.36
		2/93 RFO	Bobbin	ODI	13	1.15	4TH TSP +25.24
		2/93 RFO	Bobbin	ODI	1	1.90	18TH TSP +1.45
		2/93 RFO	H/L Special Int	VOL		0.50	7TH TSP +15.79
49	82	2/93 RFO	Bobbin	ADS		2.88	13TH TSP +39.81

Total Indications Found = 1661
 Total Tubes Found = 788

ATTACHMENT 2

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
1	14	2/93 RFO	Bobbin	ADS		11.69	6TH TSP	+5.72
		2/93 RFO	Bobbin	NQI		0.64	18TH TSP	+31.78
		2/93 RFO	Bobbin	NQI		0.90	18TH TSP	+33.07
		2/93 RFO	Bobbin	NQI		0.95	16TH TSP	+3.14
		2/93 RFO	H/L Special Int	VOL		0.42	6TH TSP	+5.73
1	34	2/93 RFO	Bobbin	ODI	19	0.80	14TH TSP	+7.09
1	40	2/93 RFO	H/L Tubesheet	VOL		0.46	TTS-HL	+0.51
1	45	2/93 RFO	H/L Tubesheet	VOL		0.35	TTS-HL	+0.56
1	49	2/93 RFO	H/L Tubesheet	VOL		0.16	TTS-HL	+0.54
1	50	2/93 RFO	Bobbin	ODI	1	2.65	18TH TSP	+4.48
1	51	2/93 RFO	H/L Tubesheet	VOL		0.62	TTS-HL	+0.49
1	52	2/93 RFO	Bobbin	ODI	9	1.80	2ND TSP	+4.85
		2/93 RFO	H/L Tubesheet	VOL		0.41	TTS-HL	+0.51
1	54	2/93 RFO	H/L Tubesheet	VOL		0.61	TTS-HL	+0.86
		2/93 RFO	H/L Tubesheet	VOL		0.63	TTS-HL	+0.52
1	55	2/93 RFO	H/L Tubesheet	VOL		0.96	TTS-HL	+1.46
1	56	2/93 RFO	Bobbin	ADS		6.95	4TH TSP	+39.10
		2/93 RFO	H/L Special Int	VOL		0.45	5TH TSP	-4.28
1	57	2/93 RFO	H/L Tubesheet	VOL		0.58	TTS-HL	+0.86
		2/93 RFO	H/L Tubesheet	VOL		0.63	TTS-HL	+0.67
1	58	2/93 RFO	Bobbin	ODI	14	0.63	TTS-CL	+0.68
1	62	2/93 RFO	Bobbin	ODI	13	1.84	13TH TSP	+40.12
		2/93 RFO	C/L Special Int	NQI		0.72	12TH TSP	-3.12
1	63	2/93 RFO	Bobbin	NQI		0.39	TTS-HL	+0.58
1	84	2/93 RFO	Bobbin	ODI	29	2.01	12TH TSP	+12.19
2	2	2/93 RFO	Bobbin	ODI	8	1.31	1ST TSP	+17.75
2	9	2/93 RFO	Bobbin	ADS		6.05	12TH TSP	+4.59
		2/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+4.64
2	25	2/93 RFO	Bobbin	ODI	7	1.17	16TH TSP	+14.95
2	26	2/93 RFO	Bobbin	ODI	10	0.51	18TH TSP	+30.66
2	41	2/93 RFO	Bobbin	ODI	23	0.72	16TH TSP	+16.10
2	48	2/93 RFO	Bobbin	ODI	11	1.23	14TH TSP	+6.79
2	57	2/93 RFO	Bobbin	ODI	25	0.71	7TH TSP	+19.09
2	89	2/93 RFO	Bobbin	ADS		7.74	11TH TSP	+37.54
		2/93 RFO	C/L Special Int	VOL		0.55	10TH TSP	-6.22
2	96	2/93 RFO	Bobbin	ODI	2	0.59	1ST TSP	+2.26
3	2	2/93 RFO	Bobbin	ADS		5.01	4TH TSP	+32.78
		2/93 RFO	H/L Special Int	VOL		0.89	5TH TSP	-9.44
3	15	2/93 RFO	Bobbin	ODI	19	0.92	5TH TSP	+14.22
		2/93 RFO	Bobbin	ODI	24	0.42	5TH TSP	+14.97
3	24	2/93 RFO	Bobbin	ODI	36	1.34	12TH TSP	+28.04
3	33	2/93 RFO	Bobbin	ADS		4.23	10TH TSP	+19.64
		2/93 RFO	Bobbin	ODI	16	0.61	1ST TSP	+25.39
3	36	2/93 RFO	Bobbin	NQI		0.75	2ND TSP	+32.74
		2/93 RFO	Bobbin	ODI	11	0.59	4TH TSP	+24.09
		2/93 RFO	H/L Special Int	VOL		0.54	3RD TSP	-3.11
3	37	2/93 RFO	Bobbin	NQI		0.45	16TH TSP	+12.47
3	38	2/93 RFO	Bobbin	NQI		0.83	3RD TSP	+32.69
		2/93 RFO	Bobbin	ODI	19	1.52	13TH TSP	+9.05
		2/93 RFO	H/L Special Int	VOL		0.55	4TH TSP	-3.16
		2/93 RFO	H/L Special Int	VOL		0.86	4TH TSP	+2.93
3	43	2/93 RFO	Bobbin	NQI		0.30	2ND TSP	-0.48
		2/93 RFO	Bobbin	NQI		0.64	1ST TSP	+17.40
		2/93 RFO	H/L Special Int	VOL		0.22	2ND TSP	-10.55
3	49	2/93 RFO	Bobbin	ODI	15	1.22	15TH TSP	+5.92
3	50	2/93 RFO	Bobbin	ODI	6	1.09	11TH TSP	+22.06
3	52	2/93 RFO	Bobbin	ODI	10	0.71	4TH TSP	+12.67
		2/93 RFO	Bobbin	ODI	15	1.85	4TH TSP	+13.27
		2/93 RFO	H/L Special Int	VOL		0.72	4TH TSP	+13.25
3	55	2/93 RFO	Bobbin	ADS		4.19	11TH TSP	+19.47
3	63	2/93 RFO	Bobbin	ODI	8	0.97	9TH TSP	-0.44
3	72	2/93 RFO	Bobbin	ODI	10	1.12	13TH TSP	+8.67
3	74	2/93 RFO	H/L Special Int	VOL		1.66	5TH TSP	+3.20
3	75	2/93 RFO	Bobbin	NQI		5.01	2ND TSP	+16.85
		2/93 RFO	H/L Special Int	VOL		1.08	2ND TSP	+17.56

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
4	8	2/93 RFO	Bobbin	ADS		10.05	3RD TSP +19.31
		2/93 RFO	H/L Special Int	VOL		0.61	4TH TSP -16.46
4	11	2/93 RFO	Bobbin	ODI	15	1.21	7TH TSP +13.46
4	35	2/93 RFO	Bobbin	ODI	11	1.03	11TH TSP +13.96
4	40	2/93 RFO	Bobbin	ADS		4.62	2ND TSP +11.91
		2/93 RFO	H/L Special Int	VOL		0.48	2ND TSP +11.46
4	41	2/93 RFO	Bobbin	NQI		0.58	19TH TSP +2.26
		2/93 RFO	C/L Special Int	VOL		0.27	19TH TSP +2.78
4	52	2/93 RFO	Bobbin	NQI		1.59	10TH TSP +18.01
4	53	2/93 RFO	Bobbin	ODI	10	1.22	11TH TSP +31.14
4	54	2/93 RFO	Bobbin	ODI	22	0.56	7TH TSP +18.71
		2/93 RFO	Bobbin	ODI	36	0.83	7TH TSP +13.13
		2/93 RFO	Bobbin	ODI	6	1.57	10TH TSP +20.04
		2/93 RFO	Bobbin	ODI	13	0.82	10TH TSP +27.20
4	73	2/93 RFO	Bobbin	ODI	16	1.39	5TH TSP +6.59
4	106	2/93 RFO	Bobbin	NQI		1.40	4TH TSP +12.82
		2/93 RFO	H/L Special Int	VOL		1.10	4TH TSP +13.64
5	46	2/93 RFO	Bobbin	ADS		2.72	3RD TSP +23.14
		2/93 RFO	H/L Special Int	VOL		0.51	3RD TSP +22.61
5	78	2/93 RFO	Bobbin	NQI		1.22	13TH TSP +7.51
		2/93 RFO	C/L Special Int	VOL		0.61	13TH TSP +7.26
6	6	2/93 RFO	Bobbin	ADS		3.16	12TH TSP +11.00
		2/93 RFO	Bobbin	ADS		5.45	17TH TSP +15.43
		2/93 RFO	C/L Special Int	VOL		0.24	17TH TSP +16.91
6	7	2/93 RFO	Bobbin	ADS		2.38	7TH TSP +18.95
		2/93 RFO	Bobbin	ADS		11.76	7TH TSP +33.63
		2/93 RFO	Bobbin	ADS		5.36	16TH TSP +9.14
		2/93 RFO	Bobbin	ADS		5.82	12TH TSP +27.24
		2/93 RFO	Bobbin	ADS		6.20	13TH TSP +32.27
		2/93 RFO	Bobbin	ADS		14.32	12TH TSP +2.31
		2/93 RFO	H/L Special Int	VOL		0.73	7TH TSP +33.09
		2/93 RFO	C/L Special Int	VOL		0.27	13TH TSP +32.36
		2/93 RFO	C/L Special Int	VOL		0.27	16TH TSP +9.81
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP +0.55
		2/93 RFO	C/L Special Int	VOL		0.39	13TH TSP +35.97
		2/93 RFO	C/L Special Int	VOL		0.42	12TH TSP +27.24
		2/93 RFO	C/L Special Int	VOL		0.54	12TH TSP +1.69
6	14	2/93 RFO	Bobbin	NQI		0.97	2ND TSP +17.22
		2/93 RFO	H/L Special Int	VOL		0.59	3RD TSP -18.90
6	41	2/93 RFO	Bobbin	ODI	19	0.61	10TH TSP +30.31
6	44	2/93 RFO	Bobbin	ODI	15	0.56	13TH TSP +27.06
6	51	2/93 RFO	Bobbin	NQI		0.36	10TH TSP +2.93
		2/93 RFO	Bobbin	ODI	23	1.15	10TH TSP +24.78
6	83	2/93 RFO	Bobbin	ADS		2.06	5TH TSP +10.51
		2/93 RFO	Bobbin	ADS		2.33	5TH TSP +11.87
		2/93 RFO	H/L Special Int	VOL		0.32	5TH TSP +12.18
		2/93 RFO	H/L Special Int	VOL		0.34	5TH TSP +10.97
		2/93 RFO	H/L Special Int	VOL		0.40	5TH TSP +14.82
6	90	2/93 RFO	Bobbin	ODI	9	0.83	10TH TSP +18.12
		2/93 RFO	Bobbin	ODI	14	0.90	10TH TSP +15.77
6	113	2/93 RFO	Bobbin	ODI	14	0.78	10TH TSP +40.97
7	6	2/93 RFO	Bobbin	ADS		6.79	13TH TSP +27.71
		2/93 RFO	C/L Special Int	VOL		0.47	13TH TSP +27.72
7	8	2/93 RFO	Bobbin	NQI		0.87	4TH TSP +12.70
7	23	2/93 RFO	Bobbin	ODI	7	2.48	4TH TSP +39.10
		2/93 RFO	H/L Special Int	VOL		0.66	5TH TSP -2.71
7	33	2/93 RFO	Bobbin	ODI	24	0.96	5TH TSP +35.59
7	36	2/93 RFO	Bobbin	NQI		0.73	11TH TSP +13.37
7	48	2/93 RFO	Bobbin	ODI	1	2.52	15TH TSP +0.00
7	51	2/93 RFO	Bobbin	ODI	37	0.58	10TH TSP +3.29
7	52	2/93 RFO	Bobbin	NQI		0.44	7TH TSP +20.59
		2/93 RFO	Bobbin	ODI	9	1.09	6TH TSP +31.79
		2/93 RFO	Bobbin	ODI	9	1.16	6TH TSP +32.14
		2/93 RFO	Bobbin	ODI	18	1.63	7TH TSP +18.28
		2/93 RFO	Bobbin	ODI	20	0.51	7TH TSP +12.59

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
		2/93 RFO	Bobbin	ODI	30	0.58	7TH TSP	+25.36
		2/93 RFO	Bobbin	ODI	6	1.55	10TH TSP	+27.16
		2/93 RFO	Bobbin	ODI	13	2.12	11TH TSP	+35.35
		2/93 RFO	Bobbin	ODI	14	2.86	10TH TSP	+21.55
		2/93 RFO	H/L Special Int	VOL		1.81	7TH TSP	+20.89
7	58	2/93 RFO	Bobbin	ODI	6	1.59	10TH TSP	+42.99
7	62	2/93 RFO	Bobbin	NQI		1.54	15TH TSP	+9.43
		2/93 RFO	C/L Special Int	VOL		0.36	15TH TSP	+9.29
7	82	2/93 RFO	Bobbin	ODI	22	2.68	TTS-CL	+5.88
7	95	2/93 RFO	Bobbin	ODI	8	1.17	7TH TSP	+29.33
7	101	2/93 RFO	Bobbin	ODI	5	1.99	16TH TSP	+13.65
		2/93 RFO	Bobbin	ODI	13	1.34	14TH TSP	+14.75
8	29	2/93 RFO	Bobbin	ODI	24	2.40	5TH TSP	+22.43
8	31	2/93 RFO	Bobbin	ODI	29	1.30	18T TSP	-21.94
		2/93 RFO	Bobbin	ODI	60	1.90	16TH TSP	+5.78
		2/93 RFO	C/L Special Int	VOL		0.40	16TH TSP	+4.99
8	32	2/93 RFO	Bobbin	ODI	7	1.27	12TH TSP	+19.16
8	43	2/93 RFO	Bobbin	ODI	17	1.05	10TH TSP	+14.05
8	93	2/93 RFO	Bobbin	NQI		0.84	TTS-CL	+3.03
		2/93 RFO	C/L Special Int	VOL		0.29	TTS-CL	+2.97
8	112	2/93 RFO	Bobbin	NQI		0.70	18T TSP	+2.55
		2/93 RFO	H/L Special Int	VOL		0.55	18T TSP	+2.42
9	8	2/93 RFO	Bobbin	ODI	7	1.26	TTS-HL	+2.51
		2/93 RFO	H/L Special Int	VOL		0.53	TTS-HL	+2.47
9	9	2/93 RFO	Bobbin	ODI	1	1.36	18TH TSP	+3.59
9	11	2/93 RFO	Bobbin	ODI	10	0.90	10TH TSP	+31.93
9	17	2/93 RFO	Bobbin	ODI	25	0.92	10TH TSP	+43.16
9	22	2/93 RFO	Bobbin	ODI	11	0.82	2ND TSP	+14.99
		2/93 RFO	H/L Special Int	VOL		0.67	2ND TSP	+16.10
9	34	2/93 RFO	Bobbin	ODI	8	0.81	11TH TSP	+20.64
		2/93 RFO	Bobbin	ODI	15	0.90	11TH TSP	+27.45
9	41	2/93 RFO	Bobbin	NQI		0.37	16TH TSP	+7.26
		2/93 RFO	Bobbin	ODI	11	1.09	16TH TSP	+11.08
9	46	2/93 RFO	Bobbin	ODI	5	1.12	13TH TSP	+25.55
9	47	2/93 RFO	Bobbin	NQI		0.95	2ND TSP	+17.03
		2/93 RFO	H/L Special Int	VOL		0.62	2ND TSP	+16.42
9	70	2/93 RFO	Bobbin	NQI		1.63	8TH TSP	+38.37
10	5	2/93 RFO	Bobbin	ODI	2	1.44	7TH TSP	+19.55
10	6	2/93 RFO	Bobbin	NQI		0.50	10TH TSP	+29.78
		2/93 RFO	Bobbin	ODI	1	1.47	10TH TSP	+21.03
		2/93 RFO	Bobbin	ODI	19	0.80	10TH TSP	+25.24
10	9	2/93 RFO	Bobbin	ODI	5	1.28	17TH TSP	+4.63
		2/93 RFO	C/L Special Int	VOL		0.20	17TH TSP	+3.91
10	17	2/93 RFO	Bobbin	NQI		1.96	6TH TSP	+14.48
		2/93 RFO	H/L Special Int	VOL		66.00	6TH TSP	+14.48
10	19	2/93 RFO	Bobbin	ODI	12	0.87	10TH TSP	+42.75
10	35	2/93 RFO	Bobbin	ODI	9	1.71	10TH TSP	+42.77
10	46	2/93 RFO	Bobbin	ODI	14	1.05	6TH TSP	+4.16
10	75	2/93 RFO	Bobbin	ADS		5.96	10TH TSP	+41.93
		2/93 RFO	C/L Special Int	VOL		0.97	9TH TSP	-3.38
10	81	2/93 RFO	Bobbin	ODI	1	0.86	13TH TSP	+39.36
11	4	2/93 RFO	Bobbin	ODI	2	1.99	7TH TSP	+31.05
		2/93 RFO	Bobbin	ODI	5	3.59	13TH TSP	+26.00
11	59	2/93 RFO	Bobbin	ODI	23	1.09	12TH TSP	+19.62
		2/93 RFO	Bobbin	ODI	23	2.14	11TH TSP	+3.96
		2/93 RFO	Bobbin	ODI	26	2.01	15TH TSP	+5.76
11	105	2/93 RFO	Bobbin	ADS		4.52	6TH TSP	+32.84
		2/93 RFO	H/L Special Int	VOL		0.44	7TH TSP	-10.68
12	27	2/93 RFO	Bobbin	NQI		0.51	11TH TSP	+10.29
12	41	2/93 RFO	Bobbin	ODI	12	0.89	10TH TSP	+9.49
12	44	2/93 RFO	Bobbin	ADS		1.22	1ST TSP	+15.63
		2/93 RFO	Bobbin	ADS		2.40	1ST TSP	+14.48
		2/93 RFO	Bobbin	ODI	19	0.74	1ST TSP	+20.49
		2/93 RFO	H/L Special Int	VOL		0.19	1ST TSP	+18.85
		2/93 RFO	H/L Special Int	VOL		0.36	2ND TSP	-9.46

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.41	1ST TSP +15.45
		2/93 RFO	H/L Special Int	VOL		0.44	1ST TSP +14.31
12	52	2/93 RFO	Bobbin	ODI	16	0.90	10TH TSP +27.75
		2/93 RFO	Bobbin	ODI	19	1.13	12TH TSP +34.49
12	54	2/93 RFO	Bobbin	ADS		3.70	11TH TSP +2.03
		2/93 RFO	C/L Special Int	VOL		0.40	11TH TSP +1.86
12	57	2/93 RFO	Bobbin	ADS		3.74	4TH TSP +13.50
		2/93 RFO	H/L Special Int	VOL		0.68	4TH TSP +13.92
12	88	2/93 RFO	Bobbin	ADS		4.73	10TH TSP +25.89
		2/93 RFO	C/L Special Int	VOL		0.42	9TH TSP -18.82
12	91	2/93 RFO	Bobbin	ODI	11	1.00	7TH TSP +12.07
		2/93 RFO	Bobbin	ODI	14	0.54	7TH TSP +19.70
		2/93 RFO	Bobbin	ODI	21	0.45	7TH TSP +19.07
		2/93 RFO	Bobbin	ODI	26	0.41	7TH TSP +15.16
		2/93 RFO	Bobbin	ODI	4	1.78	10TH TSP +17.80
		2/93 RFO	Bobbin	ODI	14	0.54	10TH TSP +12.51
13	5	2/93 RFO	Bobbin	ODI	10	1.29	10TH TSP +37.69
		2/93 RFO	Bobbin	ODI	16	0.48	10TH TSP +35.16
13	10	2/93 RFO	Bobbin	NQI		1.48	4TH TSP +22.28
		2/93 RFO	H/L Special Int	VOL		1.14	4TH TSP +21.64
13	18	2/93 RFO	Bobbin	NQI		0.29	15TH TSP +2.70
		2/93 RFO	Bobbin	ODI	23	0.70	4TH TSP +2.99
		2/93 RFO	Bobbin	ODI	18	0.58	11TH TSP +19.73
		2/93 RFO	Bobbin	ODI	26	0.59	13TH TSP +31.60
		2/93 RFO	H/L Special Int	VOL		0.64	4TH TSP +2.72
13	23	2/93 RFO	Bobbin	ODI	7	1.59	10TH TSP +40.36
13	44	2/93 RFO	Bobbin	ADS		9.19	3RD TSP +13.42
		2/93 RFO	Bobbin	ADS		2.77	12TH TSP +22.91
		2/93 RFO	Bobbin	ODI	5	2.74	7TH TSP +5.83
		2/93 RFO	H/L Special Int	VOL		1.15	7TH TSP +6.60
		2/93 RFO	H/L Special Int	VOL		1.32	3RD TSP +13.47
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP +22.26
13	51	2/93 RFO	Bobbin	ODI	7	0.87	1ST TSP +6.45
		2/93 RFO	Bobbin	ODI	6	0.96	19TH TSP +4.01
13	53	2/93 RFO	H/L Tubesheet	VOL		0.93	TTS-HL +1.35
13	60	2/93 RFO	Bobbin	ADS		4.92	13TH TSP +15.82 to +20.11
		2/93 RFO	C/L Special Int	VOL		0.37	13TH TSP +15.44 to +19.84
13	73	2/93 RFO	Bobbin	ODI	20	0.38	8TH TSP +0.14
13	85	2/93 RFO	Bobbin	ADS		3.11	5TH TSP +30.84
		2/93 RFO	H/L Special Int	VOL		0.20	6TH TSP -12.00
13	89	2/93 RFO	Bobbin	ADS		4.32	TTS-HL +3.76
		2/93 RFO	H/L Special Int	VOL		0.53	TTS-HL +3.15
13	93	2/93 RFO	Bobbin	ADS		3.16	1ST TSP +2.39
		2/93 RFO	H/L Special Int	VOL		0.22	1ST TSP +2.48
13	96	2/93 RFO	Bobbin	ADS		2.87	12TH TSP +14.79
		2/93 RFO	C/L Special Int	VOL		0.48	12TH TSP +14.03
13	100	2/93 RFO	Bobbin	ADS		1.31	1ST TSP +23.34
		2/93 RFO	Bobbin	ADS		2.52	5TH TSP +17.50
		2/93 RFO	Bobbin	ODI	10	0.61	16TH TSP +9.04
		2/93 RFO	H/L Special Int	VOL		0.31	2ND TSP -5.08
13	104	2/93 RFO	Bobbin	ODI	14	1.21	5TH TSP +28.55
14	5	2/93 RFO	Bobbin	ADS		3.62	14TH TSP +3.00
		2/93 RFO	Bobbin	ODI	2	0.98	7TH TSP +12.05
		2/93 RFO	Bobbin	ODI	12	1.06	10TH TSP +39.94
		2/93 RFO	Bobbin	ODI	20	1.09	10TH TSP +42.35
		2/93 RFO	Bobbin	ODI	24	1.01	10TH TSP +12.38
		2/93 RFO	C/L Special Int	VOL		0.35	14TH TSP +3.04
14	7	2/93 RFO	Bobbin	ODI	14	1.12	10TH TSP +41.87
14	8	2/93 RFO	Bobbin	ODI	3	1.50	7TH TSP +22.11
14	9	2/93 RFO	Bobbin	NQI		0.77	12TH TSP +8.87
		2/93 RFO	Bobbin	ODI	14	1.19	10TH TSP +43.30
		2/93 RFO	C/L Special Int	VOL		0.37	12TH TSP +9.94
14	12	2/93 RFO	Bobbin	ADS		2.19	12TH TSP +10.98
		2/93 RFO	Bobbin	ODI	29	0.86	12TH TSP +16.11
		2/93 RFO	C/L Special Int	VOL		0.38	12TH TSP +9.34

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
14	23	2/93 RFO	Bobbin	ODI	8	1.61	10TH TSP	+40.41
14	26	2/93 RFO	Bobbin	ODI	28	1.06	18TH TSP	+10.49
14	31	2/93 RFO	Bobbin	ODI	23	1.10	10TH TSP	+40.54
14	34	2/93 RFO	Bobbin	NQI		0.92	5TH TSP	+25.19
		2/93 RFO	H/L Special Int	VOL		0.55	5TH TSP	+23.83
14	43	2/93 RFO	Bobbin	ODI	5	1.07	10TH TSP	+43.46
		2/93 RFO	Bobbin	ODI	9	1.24	10TH TSP	+41.44
		2/93 RFO	Bobbin	ODI	34	0.53	10TH TSP	+42.13
14	49	2/93 RFO	Bobbin	ODI	4	1.97	10TH TSP	+38.07
14	51	2/93 RFO	Bobbin	ADS		2.06	13TH TSP	+24.39
		2/93 RFO	Bobbin	ODI	13	1.17	10TH TSP	+41.55
14	55	2/93 RFO	Bobbin	ODI	14	0.70	12TH TSP	+22.55
		2/93 RFO	Bobbin	ODI	23	1.00	12TH TSP	+26.76
		2/93 RFO	C/L Special Int	VOL		0.48	12TH TSP	+22.62
		2/93 RFO	C/L Special Int	VOL		0.48	12TH TSP	+26.67
14	59	2/93 RFO	Bobbin	ODI	14	1.10	10TH TSP	+36.60
14	89	2/93 RFO	Bobbin	ADS		6.05	16TH TSP	+9.45
		2/93 RFO	C/L Special Int	VOL		0.46	15TH TSP	-9.30
14	92	2/93 RFO	Bobbin	ODI	24	1.18	7TH TSP	+10.89
14	94	2/93 RFO	Bobbin	NQI		1.08	7TH TSP	+17.44
		2/93 RFO	Bobbin	ODI	9	0.58	7TH TSP	+16.29
		2/93 RFO	Bobbin	ODI	22	0.38	7TH TSP	+30.66
14	96	2/93 RFO	Bobbin	ODI	8	1.82	7TH TSP	+41.68
		2/93 RFO	Bobbin	ODI	12	0.47	10TH TSP	+38.82
14	105	2/93 RFO	Bobbin	ODI	21	1.45	1ST TSP	+6.75
14	106	2/93 RFO	Bobbin	ODI	14	1.60	4TH TSP	+33.32
14	107	2/93 RFO	Bobbin	ADS		3.02	16TH TSP	+9.65
14	109	2/93 RFO	Bobbin	ADS		3.40	5TH TSP	+21.83
14	112	2/93 RFO	Bobbin	ODI	15	1.97	10TH TSP	+44.52
15	5	2/93 RFO	Bobbin	ODI	15	0.79	10TH TSP	+43.87
15	14	2/93 RFO	Bobbin	NQI		0.75	13TH TSP	+22.95
		2/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+22.95
15	33	2/93 RFO	Bobbin	ODI	9	0.94	13TH TSP	+3.54
15	35	2/93 RFO	Bobbin	NQI		0.35	11TH TSP	+10.14
		2/93 RFO	Bobbin	NQI		0.56	12TH TSP	+25.79
		2/93 RFO	Bobbin	NQI		0.81	11TH TSP	+6.97
		2/93 RFO	C/L Special Int	VOL		0.20	11TH TSP	+10.17
		2/93 RFO	C/L Special Int	VOL		0.33	11TH TSP	+7.20
		2/93 RFO	C/L Special Int	VOL		0.37	12TH TSP	+25.19
15	37	2/93 RFO	Bobbin	ODI	22	0.89	10TH TSP	+43.67
15	43	2/93 RFO	Bobbin	ODI	14	1.22	10TH TSP	+42.51
		2/93 RFO	Bobbin	ODI	36	0.76	10TH TSP	+39.86
15	44	2/93 RFO	Bobbin	ODI	9	0.56	7TH TSP	+23.88
		2/93 RFO	Bobbin	ODI	16	0.74	10TH TSP	+42.48
15	55	2/93 RFO	Bobbin	ODI	38	0.67	10TH TSP	+28.24
15	70	2/93 RFO	Bobbin	ODI	11	2.01	12TH TSP	+30.93
15	79	2/93 RFO	Bobbin	ODI	16	1.98	15TH TSP	+2.25
15	89	2/93 RFO	Bobbin	ODI	9	0.71	5TH TSP	+15.61
15	91	2/93 RFO	Bobbin	ODI	16	0.99	10TH TSP	+39.05
15	93	2/93 RFO	Bobbin	ODI	7	1.04	7TH TSP	+40.15
		2/93 RFO	Bobbin	ODI	1	1.90	10TH TSP	+40.28
15	102	2/93 RFO	Bobbin	ADS		3.13	18TH TSP	+13.48
15	107	2/93 RFO	Bobbin	ODI	3	0.83	10TH TSP	+43.28
		2/93 RFO	Bobbin	ODI	16	0.91	10TH TSP	+27.04
		2/93 RFO	Bobbin	ODI	22	0.41	10TH TSP	+25.83
15	112	2/93 RFO	Bobbin	ADS		2.74	6TH TSP	+28.70
		2/93 RFO	H/L Special Int	VOL		0.27	6TH TSP	+29.47
16	4	2/93 RFO	Bobbin	ODI	11	0.79	7TH TSP	+12.15
		2/93 RFO	Bobbin	ODI	10	0.59	10TH TSP	+25.57
16	23	2/93 RFO	Bobbin	ODI	7	1.21	7TH TSP	+12.33
		2/93 RFO	Bobbin	ODI	19	0.84	10TH TSP	+39.82
16	51	2/93 RFO	Bobbin	NQI		1.08	6TH TSP	+32.11
		2/93 RFO	H/L Special Int	VOL		0.61	7TH TSP	-10.46
16	59	2/93 RFO	Bobbin	ODI	17	1.82	1ST TSP	+23.12
16	62	2/93 RFO	Bobbin	ODI	19	0.57	15TH TSP	+3.65

S/G 8 - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IMD	%TW	VOLTS	LOCATION	
16	71	2/93 RFO	Bobbin	ADS		5.25	4TH TSP	+8.66
		2/93 RFO	H/L Special Int	VOL		0.72	4TH TSP	+9.74
16	86	2/93 RFO	Bobbin	ODI	24	1.41	4TH TSP	+4.17
16	87	2/93 RFO	Bobbin	ODI	6	2.53	12TH TSP	+33.53
		2/93 RFO	C/L Special Int	VOL		0.52	11TH TSP	-9.88
16	89	2/93 RFO	Bobbin	ODI	2	1.39	11TH TSP	+30.29
		2/93 RFO	Bobbin	ODI	11	1.08	11TH TSP	+36.00
16	92	2/93 RFO	Bobbin	NQI		0.75	TTS-CL	+7.31
		2/93 RFO	Bobbin	NQI		0.64	4TH TSP	+6.60
		2/93 RFO	Bobbin	NQI		0.39	11TH TSP	+16.12
		2/93 RFO	Bobbin	NQI		0.66	17TH TSP	+7.80
		2/93 RFO	C/L Special Int	VOL		0.46	TTS-CL	+7.52
		2/93 RFO	H/L Special Int	VOL		0.57	4TH TSP	+6.32
		2/93 RFO	C/L Special Int	VOL		0.25	11TH TSP	+16.03
		2/93 RFO	C/L Special Int	VOL		0.33	17TH TSP	+7.93
16	103	2/93 RFO	Bobbin	ODI	26	0.86	16TH TSP	+15.90
16	104	2/93 RFO	Bobbin	ODI	16	1.57	4TH TSP	+19.94
		2/93 RFO	Bobbin	ODI	20	1.33	4TH TSP	+3.99
		2/93 RFO	Bobbin	ODI	22	0.80	4TH TSP	+8.95
17	10	2/93 RFO	Bobbin	ADS		9.69	10TH TSP	+14.45
17	17	2/93 RFO	Bobbin	ODI	18	0.90	11TH TSP	+3.37
17	18	2/93 RFO	Bobbin	ADS		4.24	12TH TSP	+35.19
17	19	2/93 RFO	Bobbin	ODI	5	1.42	10TH TSP	+42.36
		2/93 RFO	Bobbin	ODI	11	1.43	10TH TSP	+42.91
17	31	2/93 RFO	Bobbin	ADS		2.66	7TH TSP	+39.71
		2/93 RFO	H/L Special Int	VOL		0.43	8TH TSP	-3.03
17	33	2/93 RFO	Bobbin	NQI		1.09	3RD TSP	+30.94
		2/93 RFO	H/L Special Int	VOL		0.72	4TH TSP	-3.22
		2/93 RFO	H/L Special Int	VOL		0.76	4TH TSP	-5.10
17	34	2/93 RFO	Bobbin	ODI	12	1.64	4TH TSP	+6.26
17	37	2/93 RFO	Bobbin	ODI	15	0.91	3RD TSP	+33.06
17	55	2/93 RFO	Bobbin	ODI	17	1.44	5TH TSP	+24.30
17	56	2/93 RFO	Bobbin	ODI	15	1.64	7TH TSP	+32.85
		2/93 RFO	Bobbin	ODI	10	1.42	10TH TSP	+41.68
17	58	2/93 RFO	Bobbin	ODI	21	0.93	12TH TSP	+2.63
17	66	2/93 RFO	Bobbin	ODI	21	0.99	3RD TSP	+8.65
17	72	2/93 RFO	Bobbin	ODI	20	0.96	12TH TSP	+3.77
17	86	2/93 RFO	Bobbin	ODI	10	1.27	7TH TSP	+11.81
		2/93 RFO	Bobbin	ODI	22	0.60	10TH TSP	+40.40
17	88	2/93 RFO	Bobbin	NQI		0.31	10TH TSP	+40.70
		2/93 RFO	Bobbin	ODI	11	1.25	7TH TSP	+33.69
		2/93 RFO	Bobbin	ODI	4	0.95	10TH TSP	+41.89
		2/93 RFO	Bobbin	ODI	15	0.48	13TH TSP	+41.31
17	91	2/93 RFO	Bobbin	ADS		4.27	6TH TSP	+20.45
		2/93 RFO	H/L Special Int	VOL		0.42	6TH TSP	+19.49
17	95	2/93 RFO	Bobbin	ODI	17	0.75	10TH TSP	+42.18
17	104	2/93 RFO	Bobbin	ADS		2.56	7TH TSP	+38.60
17	106	2/93 RFO	Bobbin	ODI	4	1.03	11TH TSP	+25.18
17	108	2/93 RFO	Bobbin	ODI	10	1.34	13TH TSP	+14.38
17	109	2/93 RFO	Bobbin	ODI	12	0.63	10TH TSP	+3.57
17	111	2/93 RFO	Bobbin	ODI	14	0.77	10TH TSP	+42.15
18	4	2/93 RFO	Bobbin	ADS		3.42	10TH TSP	+42.65
		2/93 RFO	Bobbin	ADS		4.19	10TH TSP	+22.18
		2/93 RFO	Bobbin	ODI	8	1.53	10TH TSP	+20.99
		2/93 RFO	Bobbin	ODI	23	1.19	10TH TSP	+41.40
18	6	2/93 RFO	Bobbin	ADS		8.38	4TH TSP	+38.56
		2/93 RFO	H/L Special Int	VOL		0.30	5TH TSP	-4.36
18	19	2/93 RFO	Bobbin	NQI		0.28	7TH TSP	+21.80
		2/93 RFO	Bobbin	ODI	10	1.34	7TH TSP	+16.44
		2/93 RFO	Bobbin	ODI	13	0.48	7TH TSP	+20.46
		2/93 RFO	Bobbin	ODI	17	0.51	7TH TSP	+25.19
		2/93 RFO	Bobbin	ODI	15	0.73	11TH TSP	+25.07
18	20	2/93 RFO	Bobbin	ADS		2.17	7TH TSP	+30.25
18	26	2/93 RFO	Bobbin	NQI		0.75	5TH TSP	+18.08
		2/93 RFO	H/L Special Int	VOL		0.84	5TH TSP	+17.83

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
18	38	2/93 RFO	Bobbin	ADS		3.98	16TH TSP +11.17
		2/93 RFO	C/L Special Int	VOL		0.51	16TH TSP +10.86
18	43	2/93 RFO	Bobbin	NQI		0.81	10TH TSP +35.81
18	52	2/93 RFO	Bobbin	ODI	20	0.88	11TH TSP +7.83
18	55	2/93 RFO	Bobbin	ODI	13	1.20	12TH TSP +25.86
18	59	2/93 RFO	Bobbin	NQI		1.91	14TH TSP +16.67
		2/93 RFO	Bobbin	ADS		5.01	12TH TSP +10.24 to +23.27
		2/93 RFO	C/L Special Int	VOL		0.34	13TH TSP -1.19
		2/93 RFO	C/L Special Int	VOL		0.61	12TH TSP +10.67
		2/93 RFO	C/L Special Int	VOL		0.74	12TH TSP +15.61
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP +18.52 to +22.65
18	65	2/93 RFO	Bobbin	ODI	1	1.48	2ND TSP +8.65
18	86	2/93 RFO	Bobbin	NQI		0.96	1AVB +0.70
		2/93 RFO	Bobbin	ODI	13	1.33	8TH TSP +16.02
		2/93 RFO	H/L Special Int	VOL		0.44	1AVB +1.66
		2/93 RFO	H/L Special Int	VOL		0.52	8TH TSP +14.42
18	87	2/93 RFO	Bobbin	NQI		3.41	13TH TSP +37.91
		2/93 RFO	C/L Special Int	VOL		0.81	12TH TSP -4.66
18	104	2/93 RFO	Bobbin	ODI	18	0.76	10TH TSP +38.92
18	105	2/93 RFO	Bobbin	ODI	16	0.84	10TH TSP +12.80
18	109	2/93 RFO	Bobbin	ODI	13	1.19	7TH TSP +30.77
19	8	2/93 RFO	Bobbin	ADS		4.05	6TH TSP +19.81
		2/93 RFO	H/L Special Int	VOL		0.20	6TH TSP +19.21
19	24	2/93 RFO	C/L Special Int	VOL		0.24	13TH TSP +15.63
19	33	2/93 RFO	Bobbin	ADS		5.20	6TH TSP +39.71
		2/93 RFO	Bobbin	ADS		5.99	6TH TSP +32.72
		2/93 RFO	H/L Special Int	VOL		0.53	7TH TSP -2.02
		2/93 RFO	H/L Special Int	VOL		0.53	7TH TSP -4.89
		2/93 RFO	H/L Special Int	VOL		0.76	7TH TSP -10.00
19	42	2/93 RFO	Bobbin	ODI	14	1.70	10TH TSP +35.67
19	44	2/93 RFO	Bobbin	ADS		2.39	10TH TSP +33.89
		2/93 RFO	C/L Special Int	VOL		0.44	9TH TSP -11.72
19	53	2/93 RFO	Bobbin	NQI		0.58	14TH TSP +9.41
		2/93 RFO	Bobbin	NQI		0.74	11TH TSP +26.01
		2/93 RFO	Bobbin	ODI	23	0.89	14TH TSP +10.75
19	55	2/93 RFO	Bobbin	NQI		0.96	10TH TSP +21.65
		2/93 RFO	C/L Special Int	VOL		1.02	10TH TSP +20.40
19	56	2/93 RFO	Bobbin	ADS		4.32	2ND TSP +17.37
		2/93 RFO	H/L Special Int	VOL		0.26	2ND TSP +17.25
19	57	2/93 RFO	Bobbin	ODI	18	0.77	13TH TSP +6.46
19	73	2/93 RFO	Bobbin	ODI	9	1.52	7TH TSP +10.85
		2/93 RFO	Bobbin	ODI	11	1.85	10TH TSP +21.46
19	75	2/93 RFO	Bobbin	ADS		4.09	11TH TSP +4.46
		2/93 RFO	C/L Special Int	VOL		0.50	11TH TSP +4.56
19	83	2/93 RFO	Bobbin	ADS		7.19	3RD TSP +21.36
		2/93 RFO	H/L Special Int	VOL		0.82	3RD TSP +20.45
20	13	2/93 RFO	Bobbin	ODI	4	0.81	11TH TSP +37.91
20	14	2/93 RFO	Bobbin	ODI	17	0.48	3RD TSP +26.00
20	17	2/93 RFO	Bobbin	ODI	10	0.58	17TH TSP +3.67
		2/93 RFO	C/L Special Int	VOL		0.40	17TH TSP +3.13
20	19	2/93 RFO	Bobbin	ODI	21	0.55	7TH TSP +33.11
20	30	2/93 RFO	Bobbin	ODI	1	0.68	13TH TSP +17.73
20	35	2/93 RFO	Bobbin	ODI	12	1.25	16TH TSP +7.83
20	37	2/93 RFO	Bobbin	ADS		3.53	11TH TSP +39.14
		2/93 RFO	Bobbin	ADS		5.50	11TH TSP +11.33
		2/93 RFO	Bobbin	NQI		0.27	15TH TSP +11.85
		2/93 RFO	Bobbin	NQI		0.64	10TH TSP +35.01
		2/93 RFO	Bobbin	ODI	13	0.70	10TH TSP +15.16
20	41	2/93 RFO	Bobbin	ODI	7	0.86	11TH TSP +38.96
20	46	2/93 RFO	Bobbin	ODI	1	0.92	14TH TSP +10.74
20	48	2/93 RFO	Bobbin	ODI	16	0.41	3RD TSP +22.05
20	49	2/93 RFO	Bobbin	ODI	13	0.51	11TH TSP +32.70
20	62	2/93 RFO	Bobbin	ADS		4.79	16TH TSP +2.50
		2/93 RFO	C/L Special Int	VOL		0.45	16TH TSP +1.23 to +2.78
20	82	2/93 RFO	Bobbin	ODI	15	1.01	11TH TSP +37.59

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
20	86	2/93 RFO	Bobbin	ADS		0.78	7TH TSP +33.22
		2/93 RFO	Bobbin	HQI		0.44	7TH TSP +32.30
		2/93 RFO	Bobbin	ODI	8	1.89	7TH TSP +32.11
		2/93 RFO	Bobbin	ODI	19	0.73	11TH TSP +13.44
20	96	2/93 RFO	Bobbin	ODI	12	2.48	12TH TSP +27.32
21	5	2/93 RFO	Bobbin	ADS		2.11	7TH TSP +7.33
		2/93 RFO	Bobbin	ADS		4.45	5TH TSP +42.33
		2/93 RFO	Bobbin	ADS		5.09	10TH TSP +15.43
		2/93 RFO	H/L Special Int	VOL		0.14	6TH TSP -0.95
		2/93 RFO	C/L Special Int	VOL		0.23	10TH TSP +16.16
21	6	2/93 RFO	Bobbin	ODI	12	1.23	7TH TSP +14.05
21	12	2/93 RFO	Bobbin	ODI	9	0.65	17TH TSP +13.00
21	16	2/93 RFO	Bobbin	ODI	15	0.96	18TH TSP +4.72
21	20	2/93 RFO	Bobbin	ODI	6	0.51	7TH TSP +31.95
		2/93 RFO	Bobbin	ODI	8	0.60	11TH TSP +17.74
21	21	2/93 RFO	Bobbin	HQI		0.75	10TH TSP +35.39
21	23	2/93 RFO	Bobbin	HQI		0.32	6TH TSP +22.38
		2/93 RFO	H/L Special Int	VOL		0.19	6TH TSP +21.61
21	24	2/93 RFO	Bobbin	ODI	1	1.10	7TH TSP +26.32
21	26	2/93 RFO	Bobbin	HQI		0.38	13TH TSP +34.10
		2/93 RFO	C/L Special Int	VOL		0.32	12TH TSP -8.85
21	35	2/93 RFO	Bobbin	ODI	4	0.61	2ND TSP +33.63
21	36	2/93 RFO	Bobbin	ODI	8	1.08	2ND TSP +33.06
21	38	2/93 RFO	Bobbin	HQI		0.41	17TH TSP +13.10
		2/93 RFO	C/L Special Int	VOL		0.30	17TH TSP +13.32
21	44	2/93 RFO	Bobbin	ODI	25	0.69	5TH TSP +21.23
		2/93 RFO	H/L Special Int	VOL		0.32	5TH TSP +21.10
21	49	2/93 RFO	Bobbin	ODI	13	0.97	17TH TSP +5.20
21	54	2/93 RFO	Bobbin	ODI	6	0.54	4TH TSP +20.14
21	56	2/93 RFO	Bobbin	ODI	10	1.44	12TH TSP +24.20
21	59	2/93 RFO	Bobbin	ODI	31	0.68	8TH TSP +0.30
21	60	2/93 RFO	Bobbin	ODI	13	1.91	15TH TSP +10.17
		2/93 RFO	Bobbin	ODI	15	1.58	15TH TSP +15.38
21	96	2/93 RFO	Bobbin	ADS		4.97	14TH TSP +13.05
		2/93 RFO	C/L Special Int	VOL		0.41	13TH TSP -4.67
22	6	2/93 RFO	Bobbin	ADS		2.03	5TH TSP +7.95
22	15	2/93 RFO	Bobbin	ADS		5.74	12TH TSP +37.49
		2/93 RFO	C/L Special Int	VOL		0.49	11TH TSP -5.50
		2/93 RFO	C/L Special Int	VOL		0.56	11TH TSP +0.26
22	16	2/93 RFO	Bobbin	ODI	12	0.94	7TH TSP +22.83
22	22	2/93 RFO	Bobbin	HQI		1.05	9TH TSP +3.37
22	24	2/93 RFO	Bobbin	HQI		0.88	3RD TSP +9.96
		2/93 RFO	H/L Special Int	VOL		0.39	3RD TSP +9.75
22	25	2/93 RFO	Bobbin	ADS		3.72	15TH TSP +11.86
22	28	2/93 RFO	Bobbin	HQI		0.70	18TH TSP +13.93
		2/93 RFO	Bobbin	HQI		1.46	18TH TSP +12.72
		2/93 RFO	C/L Special Int	VOL		0.31	18TH TSP +13.81
		2/93 RFO	C/L Special Int	VOL		0.38	18TH TSP +12.52
22	93	2/93 RFO	Bobbin	HQI		3.03	1AVB +11.07
		2/93 RFO	H/L Special Int	VOL		0.76	1AVB +7.23
		2/93 RFO	H/L Special Int	VOL		0.87	1AVB +16.16
		2/93 RFO	H/L Special Int	VOL		1.20	1AVB +10.38
22	97	2/93 RFO	Bobbin	ODI	21	3.70	3RD TSP +6.08
22	103	2/93 RFO	Bobbin	ODI	6	2.14	15TH TSP +11.99
22	104	2/93 RFO	Bobbin	ODI	8	0.83	8TH TSP -2.97
22	107	2/93 RFO	Bobbin	ADS		6.50	3RD TSP +7.63
		2/93 RFO	H/L Special Int	VOL		0.68	3RD TSP +7.70
23	7	2/93 RFO	Bobbin	ADS		8.34	13TH TSP +31.17
		2/93 RFO	C/L Special Int	VOL		0.41	12TH TSP -13.77
23	19	2/93 RFO	Bobbin	ODI	5	1.10	6TH TSP +31.38
		2/93 RFO	Bobbin	ODI	15	0.57	6TH TSP +30.21
23	20	2/93 RFO	Bobbin	ODI	5	1.33	7TH TSP +22.95
23	25	2/93 RFO	Bobbin	ADS		4.57	11TH TSP +3.07
		2/93 RFO	Bobbin	ADS		4.72	10TH TSP +26.18
		2/93 RFO	C/L Special Int	VOL		0.25	10TH TSP +25.61

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+2.72
23	32	2/93 RFO	Bobbin	NQI		1.52	12TH TSP	+39.53
		2/93 RFO	Bobbin	ODI	18	0.71	7TH TSP	+26.92
		2/93 RFO	Bobbin	ODI	19	1.22	7TH TSP	+24.55
		2/93 RFO	C/L Special Int	VOL		0.49	11TH TSP	-3.43
23	70	2/93 RFO	Bobbin	ODI	12	1.50	5TH TSP	+40.75
		2/93 RFO	Bobbin	ODI	13	0.97	5TH TSP	+39.77
23	78	2/93 RFO	Bobbin	NQI		1.01	12TH TSP	+23.68
		2/93 RFO	C/L Special Int	VOL		0.22	12TH TSP	+23.96
23	86	2/93 RFO	Bobbin	NQI		2.05	1ST TSP	+18.50
		2/93 RFO	H/L Special Int	VOL		0.19	2ND TSP	-11.04
		2/93 RFO	H/L Special Int	VOL		0.85	2ND TSP	-9.72
23	99	2/93 RFO	Bobbin	ADS		4.33	4AVR	-5.35
23	108	2/93 RFO	Bobbin	NQI		0.58	1ST TSP	+15.16
24	46	2/93 RFO	Bobbin	ODI	25	0.49	7TH TSP	+18.02
24	51	2/93 RFO	Bobbin	ODI	13	0.49	9TH TSP	-0.06
24	55	2/93 RFO	Bobbin	NQI		0.27	7TH TSP	+27.14
		2/93 RFO	Bobbin	ODI	11	2.02	7TH TSP	+32.51
		2/93 RFO	Bobbin	ODI	17	1.51	7TH TSP	+25.41
		2/93 RFO	Bobbin	ODI	1	1.99	10TH TSP	+35.07
		2/93 RFO	Bobbin	ODI	3	0.90	10TH TSP	+32.98
		2/93 RFO	Bobbin	ODI	4	2.74	10TH TSP	+26.93
		2/93 RFO	Bobbin	ODI	10	0.73	10TH TSP	+29.09
		2/93 RFO	Bobbin	ODI	12	1.02	10TH TSP	+25.64
		2/93 RFO	Bobbin	ODI	19	1.64	10TH TSP	+35.86
		2/93 RFO	Bobbin	ODI	27	0.46	10TH TSP	+33.89
24	63	2/93 RFO	Bobbin	ADS		5.89	17TH TSP	+14.48
		2/93 RFO	C/L Special Int	VOL		0.35	16TH TSP	-6.31
		2/93 RFO	C/L Special Int	VOL		0.42	16TH TSP	-3.44
24	64	2/93 RFO	Bobbin	ODI	3	1.58	6TH TSP	+24.08
		2/93 RFO	Bobbin	ODI	8	0.39	6TH TSP	+23.61
		2/93 RFO	Bobbin	ODI	22	3.20	8TH TSP	+0.89
24	66	2/93 RFO	Bobbin	ODI	19	1.09	TTS-HL	+6.20
24	68	2/93 RFO	Bobbin	ODI	19	1.44	19TH TSP	+4.01
		2/93 RFO	C/L Special Int	VOL		0.71	19TH TSP	+4.34
24	69	2/93 RFO	Bobbin	ADS		6.10	12TH TSP	+24.06
		2/93 RFO	C/L Special Int	VOL		0.09	12TH TSP	+21.85
24	76	2/93 RFO	Bobbin	NQI		1.65	6TH TSP	+4.18
		2/93 RFO	H/L Special Int	VOL		0.37	6TH TSP	+4.40
24	86	2/93 RFO	Bobbin	ODI	6	1.78	7TH TSP	+37.71
24	91	2/93 RFO	Bobbin	ADS		6.47	4TH TSP	+34.48
		2/93 RFO	Bobbin	ODI	7	0.89	2ND TSP	+5.72
		2/93 RFO	Bobbin	ODI	7	1.30	2ND TSP	+4.16
		2/93 RFO	Bobbin	ADS		3.98	13TH TSP	+24.48 to +37.75
		2/93 RFO	H/L Special Int	VOL		0.69	5TH TSP	-7.98
		2/93 RFO	C/L Special Int	VOL		0.14	12TH TSP	-5.57
		2/93 RFO	C/L Special Int	VOL		0.18	12TH TSP	-17.69
		2/93 RFO	C/L Special Int	VOL		0.29	12TH TSP	-11.81
		2/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	-9.56
		2/93 RFO	C/L Special Int	VOL		0.40	12TH TSP	-16.00
		2/93 RFO	C/L Special Int	VOL		0.54	12TH TSP	+0.02
24	93	2/93 RFO	Bobbin	ODI	5	2.04	3AVB	+17.52
24	94	2/93 RFO	Bobbin	ODI	25	1.06	2ND TSP	+19.33
		2/93 RFO	Bobbin	ODI	13	1.62	12TH TSP	+32.19
		2/93 RFO	C/L Special Int	VOL		0.23	11TH TSP	-10.92
24	99	2/93 RFO	Bobbin	ADS		3.05	3RD TSP	+13.82
		2/93 RFO	Bobbin	ADS		4.77	4TH TSP	+2.26
		2/93 RFO	Bobbin	ODI	9	0.77	14TH TSP	+6.45
		2/93 RFO	H/L Special Int	VOL		0.13	3RD TSP	+13.38
		2/93 RFO	H/L Special Int	VOL		0.26	4TH TSP	+2.66
24	103	2/93 RFO	H/L Tubesheet	VOL		0.48	TTS-HL	-3.24
25	8	2/93 RFO	Bobbin	ODI	13	1.51	13TH TSP	+8.38
25	40	2/93 RFO	Bobbin	ODI	78	0.99	18TH TSP	+9.58
25	42	2/93 RFO	Bobbin	NQI		0.82	3RD TSP	+10.95
		2/93 RFO	Bobbin	ODI	23	1.02	1ST TSP	+1.28

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.47	3RD TSP +10.68
		2/93 RFO	H/L Special Int	VOL		0.53	1ST TSP +1.20
25	44	2/93 RFO	Bobbin	ODI	13	1.17	4TH TSP +31.23
		2/93 RFO	H/L Special Int	VOL		1.14	5TH TSP -11.60
25	50	2/93 RFO	Bobbin	ODI	16	1.19	10TH TSP +5.37
25	55	2/93 RFO	Bobbin	ODI	7	2.81	12TH TSP +24.93
		2/93 RFO	Bobbin	ODI	11	2.06	10TH TSP +18.18
		2/93 RFO	Bobbin	ODI	15	1.38	10TH TSP +33.85
25	67	2/93 RFO	Bobbin	ODI	20	2.06	4AVB -3.29
25	68	2/93 RFO	Bobbin	NQI		2.34	13TH TSP +14.59
		2/93 RFO	C/L Special Int	VOL		0.47	13TH TSP +14.84
25	75	2/93 RFO	Bobbin	ODI	15	1.77	16TH TSP +8.11
		2/93 RFO	Bobbin	ODI	16	0.65	16TH TSP +13.49
		2/93 RFO	C/L Special Int	VOL		0.24	16TH TSP +13.46
		2/93 RFO	C/L Special Int	VOL		0.52	16TH TSP +7.90
25	80	2/93 RFO	Bobbin	ADS		2.60	12TH TSP +31.55
25	81	2/93 RFO	Bobbin	ADS		2.77	12TH TSP +11.69
		2/93 RFO	Bobbin	NQI		0.69	10TH TSP +22.73
		2/93 RFO	Bobbin	ODI	10	0.86	12TH TSP +5.05
		2/93 RFO	Bobbin	ODI	10	0.88	12TH TSP +33.71
		2/93 RFO	Bobbin	ODI	10	1.19	12TH TSP +37.79
		2/93 RFO	Bobbin	ODI	14	0.76	12TH TSP +35.73
		2/93 RFO	Bobbin	ODI	17	0.73	13TH TSP +40.45
		2/93 RFO	Bobbin	ODI	18	0.75	13TH TSP +38.21
		2/93 RFO	Bobbin	ODI	24	0.64	12TH TSP +9.33
		2/93 RFO	Bobbin	ODI	26	0.81	12TH TSP +31.82
		2/93 RFO	Bobbin	ODI	26	1.22	12TH TSP +29.01
		2/93 RFO	C/L Special Int	VOL		0.71	12TH TSP +4.87
		2/93 RFO	C/L Special Int	VOL		0.82	10TH TSP +22.85
		2/93 RFO	C/L Special Int	VOL		0.83	12TH TSP +11.34
		2/93 RFO	C/L Special Int	VOL		0.84	11TH TSP -7.31
		2/93 RFO	C/L Special Int	VOL		0.84	12TH TSP +9.22
		2/93 RFO	C/L Special Int	VOL		0.84	12TH TSP -4.42
		2/93 RFO	C/L Special Int	VOL		0.85	11TH TSP -9.14
		2/93 RFO	C/L Special Int	VOL		0.87	11TH TSP -5.18
		2/93 RFO	C/L Special Int	VOL		0.89	11TH TSP -10.98
		2/93 RFO	C/L Special Int	VOL		0.94	11TH TSP -13.60
		2/93 RFO	C/L Special Int	VOL		0.65	12TH TSP -2.88 to -0.65
25	85	2/93 RFO	Bobbin	NQI		1.44	8TH TSP +13.15
		2/93 RFO	Bobbin	ODI	15	1.80	1ST TSP +3.11
		2/93 RFO	H/L Special Int	VOL		0.36	8TH TSP +12.54
25	86	2/93 RFO	Bobbin	ODI	2	1.91	7TH TSP +42.26
		2/93 RFO	Bobbin	ODI	4	1.93	7TH TSP +38.39
		2/93 RFO	Bobbin	ODI	5	3.22	7TH TSP +34.59
		2/93 RFO	Bobbin	ODI	1	3.97	10TH TSP +34.81
		2/93 RFO	Bobbin	ODI	2	1.73	10TH TSP +44.20
25	88	2/93 RFO	Bobbin	NQI		1.52	5TH TSP +20.87
		2/93 RFO	H/L Special Int	VOL		0.80	5TH TSP +19.91
25	103	2/93 RFO	Bobbin	ADS		5.30	12TH TSP +22.69
26	8	2/93 RFO	Bobbin	NQI		1.17	6TH TSP +36.25
		2/93 RFO	H/L Special Int	VOL		0.60	7TH TSP -4.69
		2/93 RFO	H/L Special Int	VOL		0.61	7TH TSP -6.86
26	12	2/93 RFO	Bobbin	ODI	23	1.94	8TH TSP +0.74
26	15	2/93 RFO	Bobbin	ODI	6	1.31	11TH TSP +22.94
26	26	2/93 RFO	Bobbin	ODI	82	1.30	3RD TSP +25.85
		2/93 RFO	H/L Special Int	VOL		0.60	4TH TSP -10.48
26	29	2/93 RFO	Bobbin	NQI		0.60	6TH TSP +3.10
		2/93 RFO	H/L Special Int	VOL		0.55	6TH TSP +2.94
26	38	2/93 RFO	Bobbin	ODI	11	1.72	16TH TSP +6.69
26	40	2/93 RFO	Bobbin	ADS		4.97	3RD TSP +29.23
		2/93 RFO	H/L Special Int	VOL		0.19	4TH TSP -6.05
26	50	2/93 RFO	Bobbin	ODI	29	1.08	1AVB +0.00
		2/93 RFO	Bobbin	NQI		0.57	12TH TSP +28.52
		2/93 RFO	Bobbin	ODI	29	0.47	12TH TSP +31.20
		2/93 RFO	H/L Special Int	VOL		0.49	1AVB -0.55

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int VOL			0.91	8TH TSP +15.93
		2/93 RFO	C/L Special Int VOL			0.20	12TH TSP +28.67
		2/93 RFO	C/L Special Int VOL			0.21	12TH TSP +26.27
		2/93 RFO	C/L Special Int VOL			0.23	12TH TSP +33.73
26	52	2/93 RFO	Bobbin			0.91	17TH TSP +6.84
		2/93 RFO	C/L Special Int VOL			0.34	17TH TSP +6.44
26	55	2/93 RFO	Bobbin	11		0.86	10TH TSP +41.61
26	66	2/93 RFO	Bobbin			1.42	2ND TSP +12.38
		2/93 RFO	Bobbin			0.62	12TH TSP +23.16
		2/93 RFO	H/L Special Int VOL			0.99	2ND TSP +15.19
		2/93 RFO	H/L Special Int VOL			1.03	2ND TSP +11.54
		2/93 RFO	C/L Special Int VOL			0.49	12TH TSP +20.59
26	86	2/93 RFO	Bobbin			4.76	1ST TSP +13.65
		2/93 RFO	Bobbin			5.54	18TH TSP +16.36
		2/93 RFO	C/L Special Int VOL			0.27	17TH TSP -3.32 to -1.72
26	92	2/93 RFO	Bobbin	5		1.02	12TH TSP +36.09
		2/93 RFO	Bobbin			3.11	11TH TSP +12.35 to +16.78
26	94	2/93 RFO	Bobbin			5.42	1ST TSP +6.29
		2/93 RFO	H/L Special Int VOL			0.71	1ST TSP +6.32
26	96	2/93 RFO	Bobbin	18		1.80	7TH TSP +40.78
27	10	2/93 RFO	Bobbin			10.39	9TH TSP -1.33
		2/93 RFO	Bobbin	24		2.53	10TH TSP +43.12
27	27	2/93 RFO	Bobbin	4		1.08	7TH TSP +37.06
		2/93 RFO	Bobbin	13		1.70	7TH TSP +38.80
		2/93 RFO	Bobbin	23		1.99	10TH TSP +43.48
27	49	2/93 RFO	Bobbin	7		1.04	18TH TSP +8.23
27	50	2/93 RFO	Bobbin	11		1.44	18TH TSP +14.08
27	53	2/93 RFO	Bobbin	10		0.96	5TH TSP +39.51
27	54	2/93 RFO	Bobbin	4		1.86	7TH TSP +34.24
		2/93 RFO	Bobbin	11		1.53	17TH TSP +14.03
27	55	2/93 RFO	Bobbin			0.60	7TH TSP +30.20
		2/93 RFO	Bobbin			0.75	7TH TSP +28.15
		2/93 RFO	Bobbin			0.95	7TH TSP +33.50
		2/93 RFO	H/L Special Int VOL			0.37	8TH TSP -11.20
		2/93 RFO	H/L Special Int VOL			0.41	8TH TSP -16.50
		2/93 RFO	H/L Special Int VOL			0.45	8TH TSP -17.80
		2/93 RFO	H/L Special Int VOL			0.46	8TH TSP -15.30
27	68	2/93 RFO	Bobbin	9		1.55	6TH TSP +29.54
27	69	2/93 RFO	Bobbin	2		1.58	1ST TSP +14.47
27	75	2/93 RFO	Bobbin	26		0.66	10TH TSP +12.34
27	84	2/93 RFO	Bobbin			1.22	7TH TSP +20.00
28	49	2/93 RFO	Bobbin			0.96	15TH TSP +10.21
		2/93 RFO	C/L Special Int VOL			0.26	15TH TSP +10.20
28	84	2/93 RFO	Bobbin			0.95	16TH TSP +6.29
		2/93 RFO	Bobbin			0.98	10TH TSP +39.30
		2/93 RFO	C/L Special Int VOL			0.49	9TH TSP -6.35
		2/93 RFO	C/L Special Int VOL			0.51	16TH TSP +6.58
28	93	2/93 RFO	Bobbin	6		2.40	10TH TSP +42.35
28	106	2/93 RFO	Bobbin	33		1.43	TTS-HL +2.68
		2/93 RFO	H/L Tubesheet VOL			0.29	TTS-HL +2.67
29	11	2/93 RFO	Bobbin	9		1.01	6TH TSP +32.38
29	23	2/93 RFO	Bobbin	42		1.41	11TH TSP +34.97
		2/93 RFO	C/L Special Int VOL			0.45	10TH TSP -7.72
29	42	2/93 RFO	Bobbin			0.74	9TH TSP +0.91
29	49	2/93 RFO	Bobbin			0.80	2ND TSP +19.97
		2/93 RFO	H/L Special Int VOL			0.23	2ND TSP +26.36
		2/93 RFO	H/L Special Int VOL			0.28	2ND TSP +19.13
29	55	2/93 RFO	Bobbin	9		0.82	7TH TSP +29.13
29	59	2/93 RFO	Bobbin	25		1.16	8TH TSP +1.50
29	61	2/93 RFO	Bobbin			0.90	8TH TSP +1.29
29	64	2/93 RFO	Bobbin			3.39	7TH TSP +3.56
		2/93 RFO	Bobbin			0.75	10TH TSP +3.49
		2/93 RFO	Bobbin			0.75	11TH TSP +26.48
		2/93 RFO	Bobbin	8		1.28	1ST TSP +3.12
		2/93 RFO	H/L Special Int VOL			0.17	7TH TSP +3.58

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int VOL			0.09	10TH TSP +6.40
		2/93 RFO	C/L Special Int VOL			0.12	10TH TSP +12.47
		2/93 RFO	C/L Special Int VOL			0.13	10TH TSP +4.71
		2/93 RFO	C/L Special Int VOL			0.16	10TH TSP +9.03
		2/93 RFO	C/L Special Int VOL			0.16	11TH TSP +26.47
		2/93 RFO	C/L Special Int VOL			0.41	10TH TSP +3.12
		2/93 RFO	C/L Special Int VOL			0.10	10TH TSP +19.13 to +20.95
29	67	2/93 RFO	Bobbin			1.37	1ST TSP +8.31
		2/93 RFO	H/L Special Int VOL			0.83	1ST TSP +7.87
29	68	2/93 RFO	Bobbin	13		1.11	6TH TSP +34.30
29	85	2/93 RFO	Bobbin			0.85	3RD TSP +26.46
		2/93 RFO	H/L Special Int VOL			0.60	4TH TSP -9.13
29	87	2/93 RFO	Bobbin			1.93	7TH TSP +37.31
		2/93 RFO	H/L Special Int VOL			0.40	8TH TSP -5.94
29	88	2/93 RFO	Bobbin			0.89	11TH TSP +1.35
		2/93 RFO	C/L Special Int VOL			0.36	11TH TSP +1.52
29	89	2/93 RFO	Bobbin			11.04	8TH TSP +95.44
		2/93 RFO	H/L Special Int VOL			0.30	8TH TSP +95.11
29	98	2/93 RFO	Bobbin	11		1.38	13TH TSP +34.75
		2/93 RFO	C/L Special Int VOL			0.55	12TH TSP -7.98
29	103	2/93 RFO	Bobbin	13		0.86	8TH TSP +21.46
29	104	2/93 RFO	Bobbin	7		1.82	13TH TSP +39.75
29	105	2/93 RFO	Bobbin	24		2.18	TTS-HL +2.55
30	23	2/93 RFO	Bobbin	12		1.29	12TH TSP +39.04
		2/93 RFO	C/L Special Int VOL			0.30	11TH TSP -3.92
30	30	2/93 RFO	Bobbin	20		0.95	2ND TSP +7.34
		2/93 RFO	H/L Special Int VOL			1.23	2ND TSP +8.08
30	31	2/93 RFO	Bobbin	16		1.31	8TH TSP +6.63
30	34	2/93 RFO	Bobbin	13		0.49	14TH TSP +11.40
30	44	2/93 RFO	Bobbin			1.50	9TH TSP +1.93
30	49	2/93 RFO	Bobbin	7		1.65	10TH TSP +42.57
30	51	2/93 RFO	Bobbin	20		1.41	5TH TSP +9.82
30	55	2/93 RFO	Bobbin	13		0.92	8TH TSP -1.30
30	64	2/93 RFO	Bobbin			0.78	2ND TSP +7.28
		2/93 RFO	Bobbin	10		3.91	2ND TSP +13.32
		2/93 RFO	H/L Special Int VOL			0.35	2ND TSP +6.90
30	68	2/93 RFO	Bobbin	7		0.77	2ND TSP +18.24
30	73	2/93 RFO	Bobbin			1.04	12TH TSP +15.54
		2/93 RFO	Bobbin			1.17	10TH TSP +4.99
		2/93 RFO	Bobbin	30		2.25	4TH TSP +19.85
		2/93 RFO	C/L Special Int VOL			0.19	12TH TSP +6.29
		2/93 RFO	C/L Special Int VOL			0.46	12TH TSP +15.28
		2/93 RFO	C/L Special Int VOL			0.59	10TH TSP +4.92
		2/93 RFO	C/L Special Int VOL			0.33	12TH TSP +9.15 to +10.74
30	89	2/93 RFO	Bobbin			0.98	18TH TSP +15.82
		2/93 RFO	C/L Special Int VOL			0.34	17TH TSP -3.51
		2/93 RFO	C/L Special Int VOL			0.80	17TH TSP -2.27
30	90	2/93 RFO	Bobbin			1.80	4TH TSP +19.13
		2/93 RFO	H/L Special Int VOL			0.71	4TH TSP +18.52
30	94	2/93 RFO	Bobbin	13		0.95	10TH TSP +36.60
30	95	2/93 RFO	Bobbin			0.90	4AVB +7.37
		2/93 RFO	Bobbin			0.91	4AVR -6.37
		2/93 RFO	Bobbin	18		1.00	4AVB +10.92
		2/93 RFO	C/L Special Int VOL			0.20	4AVB -5.73
30	99	2/93 RFO	Bobbin	12		0.78	13TH TSP +29.33
		2/93 RFO	C/L Special Int VOL			0.79	12TH TSP -13.70
31	14	2/93 RFO	Bobbin			1.74	11TH TSP +36.92
31	19	2/93 RFO	Bobbin			3.35	7TH TSP +39.70
		2/93 RFO	Bobbin	1		1.26	7TH TSP +20.14
		2/93 RFO	Bobbin	6		1.10	7TH TSP +38.42
		2/93 RFO	Bobbin	8		0.62	7TH TSP +17.12
		2/93 RFO	Bobbin	7		0.75	10TH TSP +38.79
		2/93 RFO	Bobbin	14		0.89	10TH TSP +42.61
31	30	2/93 RFO	Bobbin	14		0.74	19TH TSP +5.38
31	32	2/93 RFO	Bobbin			7.01	16TH TSP +6.87

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int	VOL		0.55	16TH TSP +6.13
31	40	2/93 RFO	Bobbin	ODI	11	0.73	10TH TSP +6.33
31	50	2/93 RFO	Bobbin	ADS		6.81	13TH TSP +16.15
		2/93 RFO	C/L Special Int	VOL		0.25	13TH TSP +14.07
		2/93 RFO	C/L Special Int	VOL		0.32	13TH TSP +16.29
31	70	2/93 RFO	Bobbin	NQI		0.83	1ST TSP +5.05
		2/93 RFO	Bobbin	NQI		1.35	1ST TSP +7.42
		2/93 RFO	H/L Special Int	VOL		0.36	1ST TSP +4.67
		2/93 RFO	H/L Special Int	VOL		0.59	1ST TSP +6.79
31	83	2/93 RFO	Bobbin	ADS		5.38	17TH TSP +12.81
		2/93 RFO	C/L Special Int	VOL		0.36	17TH TSP +12.83
31	88	2/93 RFO	Bobbin	NQI		0.52	18TH TSP +2.96
		2/93 RFO	C/L Special Int	VOL		0.20	18TH TSP +2.92
31	94	2/93 RFO	Bobbin	ODI	5	1.30	2ND TSP +26.19
31	101	2/93 RFO	Bobbin	ODI	18	1.36	11TH TSP +36.19
32	14	2/93 RFO	Bobbin	NQI		2.01	13TH TSP +10.66
		2/93 RFO	C/L Special Int	VOL		0.46	13TH TSP +15.22
		2/93 RFO	C/L Special Int	VOL		0.81	13TH TSP +10.70
32	53	2/93 RFO	Bobbin	ADS		7.99	7TH TSP +13.49
		2/93 RFO	H/L Special Int	VOL		0.71	7TH TSP +13.31
32	60	2/93 RFO	Bobbin	ODI	13	1.14	4TH TSP +22.92
32	69	2/93 RFO	Bobbin	ODI	22	0.69	8TH TSP +1.60
32	90	2/93 RFO	Bobbin	ODI	16	1.83	18TH TSP +13.23
32	93	2/93 RFO	Bobbin	ODI	18	1.94	5TH TSP +24.32
32	101	2/93 RFO	Bobbin	NQI		0.79	3RD TSP +6.03
		2/93 RFO	H/L Special Int	VOL		0.31	3RD TSP +5.95
33	65	2/93 RFO	Bobbin	ODI	13	3.01	18TH TSP +15.61
		2/93 RFO	Bobbin	ODI	23	0.57	12TH TSP +41.56
33	68	2/93 RFO	Bobbin	ODI	27	2.50	8TH TSP +1.69
33	69	2/93 RFO	Bobbin	ODI	7	1.22	8TH TSP +1.06
33	71	2/93 RFO	Bobbin	ODI	21	3.15	8TH TSP +1.30
33	72	2/93 RFO	Bobbin	ODI	21	2.97	8TH TSP +1.67
33	73	2/93 RFO	Bobbin	ODI	29	0.59	8TH TSP +1.73
33	74	2/93 RFO	Bobbin	ODI	34	1.55	8TH TSP +1.41
33	75	2/93 RFO	Bobbin	ODI	9	2.25	8TH TSP +1.79
33	76	2/93 RFO	Bobbin	ODI	19	1.87	8TH TSP +1.70
33	77	2/93 RFO	Bobbin	ODI	14	1.70	8TH TSP +1.51
33	78	2/93 RFO	Bobbin	ODI	28	1.26	8TH TSP +1.48
33	79	2/93 RFO	Bobbin	ADS		5.51	7TH TSP +27.70
		2/93 RFO	H/L Special Int	VOL		0.31	7TH TSP +29.24
33	80	2/93 RFO	Bobbin	ADS		8.36	13TH TSP +25.88
		2/93 RFO	C/L Special Int	VOL		0.61	12TH TSP -17.68
33	86	2/93 RFO	H/L Special Int	VOL		0.5	5TH TSP +7.72
		2/93 RFO	C/L Special Int	VOL		0.24	11TH TSP +13.00
33	94	2/93 RFO	Bobbin	ADS	13	13.18	2ND TSP +2.20 to +12.93
33	95	2/93 RFO	Bobbin	ADS		6.93	4TH TSP +11.76
33	96	2/93 RFO	Bobbin	NQI		0.90	3RD TSP +27.68 / 4TH TSP +9.49
33	100	2/93 RFO	Bobbin	NQI		1.41	3RD TSP +26.23
		2/93 RFO	H/L Special Int	VOL		0.14	4TH TSP -8.49
34	18	2/93 RFO	Bobbin	ODI	12	2.01	9TH TSP -1.03
34	27	2/93 RFO	Bobbin	ODI	11	0.65	19TH TSP +4.65
34	35	2/93 RFO	Bobbin	NQI		0.93	1AVB +13.30
		2/93 RFO	Bobbin	NQI		0.97	11TH TSP +8.31
		2/93 RFO	C/L Special Int	VOL		0.75	11TH TSP +8.26
34	41	2/93 RFO	Bobbin	ADS		6.24	17TH TSP +8.97
		2/93 RFO	C/L Special Int	VOL		0.30	17TH TSP +8.05
34	62	2/93 RFO	Bobbin	NQI		0.79	12TH TSP +34.09
		2/93 RFO	Bobbin	ODI	23	2.05	10TH TSP +25.69
		2/93 RFO	C/L Special Int	VOL		0.27	11TH TSP -8.76
34	63	2/93 RFO	Bobbin	ODI	18	0.77	7TH TSP +40.18
34	75	2/93 RFO	Bobbin	ODI	1	2.12	10TH TSP +44.25
34	79	2/93 RFO	Bobbin	ADS		2.81	2ND TSP +18.05
34	81	2/93 RFO	Bobbin	ADS		7.35	1ST TSP +5.83
		2/93 RFO	H/L Special Int	VOL		0.58	1ST TSP +5.69
34	92	2/93 RFO	Bobbin	ADS		3.83	1ST TSP +22.61

S/G 8 - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.65	2ND TSP -7.46
34	96	2/93 RFO	Bobbin	NQI		1.77	3RD TSP +28.06 to +34.08
		2/93 RFO	Bobbin	NQI		1.45	4TH TSP +1.19 to +9.35
34	100	2/93 RFO	Bobbin	NQI		0.88	7TH TSP +26.98
		2/93 RFO	H/L Special Int	VOL		0.87	7TH TSP +26.99
35	17	2/93 RFO	Bobbin	NQI		0.63	7TH TSP +40.81
		2/93 RFO	Bobbin	NQI		1.78	7TH TSP +38.95
		2/93 RFO	Bobbin	ODI	27	0.66	7TH TSP +41.17
35	25	2/93 RFO	Bobbin	ODI	14	0.74	18TH TSP +15.34
35	33	2/93 RFO	Bobbin	ODI	1	2.96	14TH TSP +13.79
35	34	2/93 RFO	Bobbin	ODI	19	1.99	1ST TSP +5.49
35	35	2/93 RFO	Bobbin	ODI	1	2.80	7TH TSP +30.89
35	36	2/93 RFO	Bobbin	NQI		0.62	12TH TSP +19.03
		2/93 RFO	C/L Special Int	VOL		0.14	12TH TSP +19.08
35	37	2/93 RFO	Bobbin	NQI		1.50	12TH TSP +34.67
		2/93 RFO	C/L Special Int	VOL		0.68	11TH TSP -7.69
35	38	2/93 RFO	Bobbin	NQI		0.42	1ST TSP +17.95
		2/93 RFO	Bobbin	NQI		0.49	1ST TSP +18.57
		2/93 RFO	Bobbin	NQI		0.78	11TH TSP +19.04
		2/93 RFO	Bobbin	NQI		0.91	11TH TSP +22.89
		2/93 RFO	Bobbin	NQI		1.04	11TH TSP +18.96
		2/93 RFO	Bobbin	ODI	6	0.64	5TH TSP +32.18
		2/93 RFO	H/L Special Int	VOL		0.15	2ND TSP -10.87
		2/93 RFO	C/L Special Int	VOL		0.42	11TH TSP +17.62
		2/93 RFO	C/L Special Int	VOL		0.78	11TH TSP +21.07
35	40	2/93 RFO	Bobbin	ADS		5.51	16TH TSP +11.86
		2/93 RFO	C/L Special Int	VOL		0.39	16TH TSP +10.40
35	43	2/93 RFO	Bobbin	NQI		1.52	5TH TSP +16.01
		2/93 RFO	Bobbin	ADS		4.90	11TH TSP +15.12
35	44	2/93 RFO	Bobbin	ODI	1	1.26	16TH TSP +8.82
		2/93 RFO	Bobbin	ODI	1	1.29	11TH TSP +12.21
35	47	2/93 RFO	Bobbin	ODI	10	2.41	2AVB +9.79
35	48	2/93 RFO	Bobbin	NQI		1.30	15TH TSP +11.75
		2/93 RFO	C/L Special Int	VOL		0.30	15TH TSP +10.75
35	60	2/93 RFO	Bobbin	ODI	9	0.64	4TH TSP +27.45
35	64	2/93 RFO	Bobbin	NQI		1.05	11TH TSP +14.10
		2/93 RFO	C/L Special Int	VOL		0.39	11TH TSP +14.35
35	65	2/93 RFO	Bobbin	ADS		4.06	18TH TSP +5.71
		2/93 RFO	C/L Special Int	VOL		0.34	18TH TSP +5.86
35	66	2/93 RFO	Bobbin	ADS		4.32	TTS-HL +2.60
		2/93 RFO	H/L Special Int	VOL		0.22	TTS-HL +2.55
35	72	2/93 RFO	Bobbin	ADS		8.54	14TH TSP +4.36
		2/93 RFO	C/L Special Int	VOL		0.64	14TH TSP +4.14
35	81	2/93 RFO	Bobbin	ADS		4.52	12TH TSP +1.64
		2/93 RFO	C/L Special Int	VOL		0.26	12TH TSP +1.24
35	93	2/93 RFO	Bobbin	ADS		3.58	12TH TSP +37.89
		2/93 RFO	Bobbin	ODI	24	0.84	12TH TSP +36.46
		2/93 RFO	C/L Special Int	VOL		0.49	11TH TSP -5.89
		2/93 RFO	C/L Special Int	VOL		0.51	11TH TSP -7.23
		2/93 RFO	C/L Special Int	VOL		0.54	11TH TSP -3.34
35	94	2/93 RFO	Bobbin	ODI	14	0.91	4AVB +3.00
		2/93 RFO	Bobbin	ODI	7	0.60	14TH TSP +4.86
36	19	2/93 RFO	Bobbin	ODI	19	1.03	7TH TSP +41.32
36	26	2/93 RFO	Bobbin	NQI		1.07	7TH TSP +18.51
		2/93 RFO	H/L Special Int	VOL		0.45	7TH TSP +17.53
36	29	2/93 RFO	Bobbin	ODI	24	0.91	15TH TSP +12.53
36	32	2/93 RFO	Bobbin	NQI		1.16	15TH TSP +12.04
		2/93 RFO	C/L Special Int	VOL		0.32	15TH TSP +12.03
36	34	2/93 RFO	Bobbin	NQI		1.45	6TH TSP +36.88
		2/93 RFO	H/L Special Int	VOL		0.60	7TH TSP -6.06
36	35	2/93 RFO	Bobbin	ODI	26	0.86	7TH TSP +26.03
		2/93 RFO	Bobbin	ODI	25	0.78	12TH TSP +39.52
		2/93 RFO	C/L Special Int	VOL		0.21	11TH TSP -5.14
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP -3.52
36	36	2/93 RFO	Bobbin	ODI	60	1.57	10TH TSP +44.48

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
36	42	2/93 RFO	Bobbin	ODI	8	0.88	8TH TSP	-1.65
36	56	2/93 RFO	Bobbin	NQI		0.85	TTS-HL	+5.44
		2/93 RFO	H/L Special Int	VOL		0.11	TTS-HL	+2.56
36	63	2/93 RFO	Bobbin	ADS		5.64	19TH TSP	+6.95
		2/93 RFO	Bobbin	ADS		6.47	19TH TSP	+3.93
		2/93 RFO	Bobbin	NQI		0.53	12TH TSP	+35.96
		2/93 RFO	C/L Special Int	VOL		0.26	11TH TSP	-7.77
		2/93 RFO	C/L Special Int	VOL		0.36	19TH TSP	+3.92
		2/93 RFO	C/L Special Int	VOL		0.33	19TH TSP	+6.92 to +7.98
36	72	2/93 RFO	Bobbin	NQI		0.83	10TH TSP	+12.51
		2/93 RFO	C/L Special Int	VOL		0.23	10TH TSP	+11.89
36	79	2/93 RFO	Bobbin	ADS		4.03	7TH TSP	+27.99
		2/93 RFO	Bobbin	ADS		6.97	5TH TSP	+20.76
		2/93 RFO	Bobbin	NQI		1.14	1ST TSP	+15.00
		2/93 RFO	H/L Special Int	VOL		0.26	8TH TSP	-18.88
		2/93 RFO	H/L Special Int	VOL		0.60	7TH TSP	+26.81
		2/93 RFO	H/L Special Int	VOL		0.66	1ST TSP	+14.33
		2/93 RFO	H/L Special Int	VOL		0.96	5TH TSP	+20.76
36	82	2/93 RFO	Bobbin	NQI		0.65	13TH TSP	+31.54
		2/93 RFO	C/L Special Int	VOL		0.37	12TH TSP	-11.21
36	84	2/93 RFO	Bobbin	NQI		1.68	6TH TSP	+29.65
		2/93 RFO	H/L Special Int	VOL		0.38	7TH TSP	-14.30
		2/93 RFO	H/L Special Int	VOL		0.40	7TH TSP	-12.68
36	94	2/93 RFO	Bobbin	NQI		0.65	15TH TSP	+13.47
		2/93 RFO	C/L Special Int	VOL		0.43	15TH TSP	+13.40
37	18	2/93 RFO	Bobbin	ODI	18	2.22	9TH TSP	+1.97
37	35	2/93 RFO	Bobbin	ODI	4	1.32	9TH TSP	-2.43
		2/93 RFO	Bobbin	ODI	21	1.24	9TH TSP	-3.67
37	38	2/93 RFO	Bobbin	ODI	5	1.26	16TH TSP	+5.22
37	40	2/93 RFO	Bobbin	ODI	11	1.42	5TH TSP	+25.40
		2/93 RFO	Bobbin	ODI	12	1.75	2ND TSP	+32.86
		2/93 RFO	Bobbin	ODI	1	4.37	10TH TSP	+14.24
		2/93 RFO	Bobbin	ODI	5	2.52	19TH TSP	+5.08
		2/93 RFO	H/L Special Int	VOL		0.24	3RD TSP	-3.96
37	60	2/93 RFO	Bobbin	ODI	12	0.90	10TH TSP	+43.57
37	67	2/93 RFO	Bobbin	NQI		1.26	6TH TSP	+2.06
		2/93 RFO	Bobbin	NQI		1.33	6TH TSP	+9.81
		2/93 RFO	Bobbin	NQI		1.95	6TH TSP	+3.95
		2/93 RFO	H/L Special Int	VOL		0.39	6TH TSP	+3.55
		2/93 RFO	H/L Special Int	VOL		0.44	6TH TSP	+2.02
37	70	2/93 RFO	Bobbin	ADS		4.53	1AVB	+12.99
37	89	2/93 RFO	Bobbin	ODI	10	2.39	14TH TSP	+11.53
37	96	2/93 RFO	Bobbin	ADS		5.28	17TH TSP	+6.87
38	24	2/93 RFO	Bobbin	ADS	11.19	11TH TSP	+31.34	
		2/93 RFO	C/L Special Int	VOL		0.25	10TH TSP	-10.62
38	27	2/93 RFO	Bobbin	NQI		1.12	13TH TSP	+4.89
		2/93 RFO	C/L Special Int	VOL		0.24	13TH TSP	+4.75
38	29	2/93 RFO	Bobbin	ODI	13	0.62	17TH TSP	+8.04
38	32	2/93 RFO	Bobbin	ODI	18	0.49	10TH TSP	+27.89
		2/93 RFO	Bobbin	NQI		0.46	17TH TSP	+6.96 to +14.71
		2/93 RFO	C/L Special Int	VOL		0.34	17TH TSP	+13.80
		2/93 RFO	C/L Special Int	VOL		0.41	17TH TSP	+9.85
38	36	2/93 RFO	Bobbin	ODI	13	1.18	7TH TSP	+11.50
38	37	2/93 RFO	Bobbin	ODI	26	0.48	7TH TSP	+13.01
38	45	2/93 RFO	Bobbin	ADS		16.02	13TH TSP	+20.23
		2/93 RFO	C/L Special Int	VOL		0.66	13TH TSP	+20.07
38	50	2/93 RFO	Bobbin	ODI	9	3.11	TTS-HL	+6.10
		2/93 RFO	Bobbin	ODI	10	3.91	1ST TSP	+1.93
38	54	2/93 RFO	Bobbin	ODI	10	1.58	1ST TSP	+17.91
		2/93 RFO	Bobbin	ODI	20	1.29	1ST TSP	+19.55
38	60	2/93 RFO	Bobbin	ADS		4.56	2ND TSP	+1.10 to +10.20
38	66	2/93 RFO	Bobbin	ADS		5.58	12TH TSP	+25.83 to +30.55
		2/93 RFO	C/L Special Int	VOL		0.21	11TH TSP	-17.37 to -12.81
38	69	2/93 RFO	Bobbin	ADS		2.19	5TH TSP	+39.98
		2/93 RFO	Bobbin	NQI		1.04	11TH TSP	+29.42

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.24	6TH TSP -4.50
		2/93 RFO	H/L Special Int	VOL		0.26	6TH TSP -5.90
		2/93 RFO	C/L Special Int	VOL		0.81	10TH TSP -14.28
38	75	2/93 RFO	Bobbin	NQI		0.56	14TH TSP +8.53
		2/93 RFO	Bobbin	NQI		0.58	14TH TSP +7.70
		2/93 RFO	Bobbin	NQI		1.04	17TH TSP +13.25
		2/93 RFO	C/L Special Int	VOL		0.35	14TH TSP +8.81
		2/93 RFO	C/L Special Int	VOL		0.39	14TH TSP +7.54
		2/93 RFO	C/L Special Int	VOL		0.45	17TH TSP +13.42
38	76	2/93 RFO	Bobbin	NQI		1.25	4TH TSP +27.36
		2/93 RFO	H/L Special Int	VOL		0.36	4TH TSP +27.81
38	80	2/93 RFO	Bobbin	WAR	13	0.92	2AVP +0.00
		2/93 RFO	Bobbin	WAR	15	1.09	1AVB +0.00
		2/93 RFO	Bobbin	WAR	20	1.50	3AVB +0.00
38	82	2/93 RFO	Bobbin	WAR	31	2.97	3AVB +0.00
		2/93 RFO	Bobbin	ADS		13.76	3RD TSP +22.98
		2/93 RFO	Bobbin	NQI		0.58	2ND TSP +29.42
		2/93 RFO	Bobbin	NQI		0.68	2ND TSP +27.77
		2/93 RFO	H/L Special Int	VOL		0.30	2ND TSP +27.77
		2/93 RFO	H/L Special Int	VOL		0.48	2ND TSP +29.42
		2/93 RFO	H/L Special Int	VOL		0.82	3RD TSP +23.91
38	83	2/93 RFO	Bobbin	NQI		0.55	3RD TSP +5.02
		2/93 RFO	H/L Special Int	VOL		0.55	3RD TSP +5.09
38	84	2/93 RFO	Bobbin	NQI		0.42	5TH TSP +23.09
		2/93 RFO	H/L Special Int	VOL		0.26	5TH TSP +23.43
38	85	2/93 RFO	Bobbin	ADS		4.54	4TH TSP +4.41
		2/93 RFO	Bobbin	NQI		0.65	2ND TSP +11.01
		2/93 RFO	Bobbin	ADS		2.40	19TH TSP +3.07
		2/93 RFO	Bobbin	NQI		0.89	13TH TSP +41.43
		2/93 RFO	H/L Special Int	VOL		1.13	2ND TSP +7.82
		2/93 RFO	H/L Special Int	VOL		0.16	2ND TSP +8.63
		2/93 RFO	H/L Special Int	VOL		0.30	4TH TSP +4.16
		2/93 RFO	C/L Special Int	VOL		0.15	19TH TSP +3.39
		2/93 RFO	C/L Special Int	VOL		0.58	13TH TSP -1.52
38	86	2/93 RFO	Bobbin	NQI		1.34	3RD TSP +7.26
		2/93 RFO	Bobbin	ADS		4.32	14TH TSP +13.82
		2/93 RFO	H/L Special Int	VOL		0.25	3RD TSP +7.73
		2/93 RFO	C/L Special Int	VOL		0.57	13TH TSP -4.19
38	91	2/93 RFO	Bobbin	ADS		8.17	1ST TSP +13.75 to +21.29
		2/93 RFO	H/L Special Int	VOL		0.20	1ST TSP +14.58
39	18	2/93 RFO	Bobbin	ODI	15	2.05	14TH TSP +2.27
39	29	2/93 RFO	Bobbin	ODI	32	0.88	1ST TSP +21.40
39	67	2/93 RFO	Bobbin	NQI		0.79	1ST TSP +25.81
		2/93 RFO	H/L Special Int	VOL		0.27	2ND TSP -3.20
39	69	2/93 RFO	Bobbin	ODI	16	1.75	8TH TSP +2.74
39	85	2/93 RFO	Bobbin	ODI	11	1.92	16TH TSP +10.15
		2/93 RFO	Bobbin	ODI	27	0.40	11TH TSP +27.43
39	87	2/93 RFO	Bobbin	ODI	6	0.96	5TH TSP +15.15
40	19	2/93 RFO	H/L Tubesheet	VOL		0.14	TTS-HL +2.82
40	25	2/93 RFO	Bobbin	ODI	22	2.53	4AVB +4.47
40	26	2/93 RFO	Bobbin	ADS		3.21	13TH TSP +30.62
		2/93 RFO	C/L Special Int	VOL		0.21	13TH TSP -1.39
40	33	2/93 RFO	Bobbin	NQI		0.98	11TH TSP +3.58
		2/93 RFO	C/L Special Int	VOL		0.60	11TH TSP +3.37
40	34	2/93 RFO	Bobbin	ODI	4	1.28	4TH TSP +1.88
40	36	2/93 RFO	Bobbin	ODI	14	2.10	4TH TSP +34.14
		2/93 RFO	H/L Special Int	VOL		0.60	5TH TSP -8.90
40	59	2/93 RFO	Bobbin	NQI		1.76	9TH TSP +33.72
		2/93 RFO	C/L Special Int	VOL		0.60	9TH TSP +33.94
41	29	2/93 RFO	Bobbin	NQI		1.66	3RD TSP +6.52
		2/93 RFO	H/L Special Int	VOL		0.59	3RD TSP +6.19
41	40	2/93 RFO	H/L Special Int	VOL		0.73	3RD TSP +33.23
41	45	2/93 RFO	Bobbin	ADS		9.77	11TH TSP +35.39
		2/93 RFO	C/L Special Int	VOL		0.49	10TH TSP -10.84
		2/93 RFO	C/L Special Int	VOL		0.73	10TH TSP -7.20

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
41	50	2/93 RFO	Bobbin	ODI	2	0.85	TTS-CL	+5.20
41	53	2/93 RFO	Bobbin	ODI	13	2.90	1ST TSP	+17.76
42	23	2/93 RFO	Bobbin	ODI	26	1.90	16TH TSP	+8.50
		2/93 RFO	C/L Special Int	VOL		0.68	16TH TSP	+8.04
42	34	2/93 RFO	Bobbin	HQI		1.04	9TH TSP	+17.18
42	36	2/93 RFO	Bobbin	ODI	25	0.67	15TH TSP	+13.47
42	41	2/93 RFO	Bobbin	ODI	10	2.07	2ND TSP	+16.27
		2/93 RFO	Bobbin	ODI	20	1.30	1ST TSP	+19.00
		2/93 RFO	H/L Special Int	VOL		0.38	1ST TSP	+19.31
		2/93 RFO	H/L Special Int	VOL		0.48	2ND TSP	+16.21
		2/93 RFO	H/L Sprcial Int	VOL		0.75	2ND TSP	+17.18
42	45	2/93 RFO	Bobbin	ODI	25	0.57	5TH TSP	+21.83
42	50	2/93 RFO	Bobbin	ADS		3.93	16TH TSP	+6.32
		2/93 RFO	C/L Special Int	VOL		0.13	16TH TSP	+6.30
42	59	2/93 RFO	Bobbin	ODI	11	3.11	12TH TSP	+40.19
		2/93 RFO	C/L Special Int	VOL		0.52	11TH TSP	-2.71
42	60	2/93 RFO	Bobbin	ODI	10	0.94	14TH TSP	+9.31
		2/93 RFO	Bobbin	ODI	12	1.83	16TH TSP	+9.37
		2/93 RFO	Bobbin	ODI	19	0.99	15TH TSP	+10.13
42	86	2/93 RFO	Bobbin	ODI	7	1.75	4TH TSP	+11.58
42	90	2/93 RFO	Bobbin	ODI	8	1.39	16TH TSP	+10.47
43	22	2/93 RFO	Bobbin	HQI		2.32	TTS-HL	+1.40
		2/93 RFO	H/L Tubesheet	VOL		0.44	TTS-HL	+1.31
43	24	2/93 RFO	Bobbin	HQI		0.88	19TH TSP	+4.36
		2/93 RFO	C/L Special Int	VOL		0.46	19TH TSP	+4.12
43	26	2/93 RFO	Bobbin	ADS		2.15	14TH TSP	+2.80 to +6.29
		2/93 RFO	C/L Special Int	VOL		0.17	14TH TSP	+13.62
		2/93 RFO	C/L Special Int	VOL		0.30	14TH TSP	+2.82 to +6.01
43	29	2/93 RFO	Bobbin	HQI		0.60	10TH TSP	+43.25
		2/93 RFO	C/L Special Int	VOL		0.28	9TH TSP	-2.70
43	38	2/93 RFO	Bobbin	ADS		1.43	17TH TSP	+12.72
43	39	2/93 RFO	Bobbin	ADS		1.52	18TH TSP	+15.98
		2/93 RFO	Bobbin	HQI		0.65	10TH TSP	+43.47
		2/93 RFO	C/L Special Int	VOL		0.41	9TH TSP	-2.09
		2/93 RFO	C/L Special Int	VOL		0.41	9TH TSP	-4.19
		2/93 RFO	C/L Special Int	VOL		0.30	17TH TSP	-1.62
		2/93 RFO	C/L Special Int	VOL		0.36	17TH TSP	-2.84
43	41	2/93 RFO	Bobbin	HQI		0.77	5TH TSP	+26.60
		2/93 RFO	H/L Special Int	VOL		0.32	5TH TSP	+25.48
43	47	2/93 RFO	Bobbin	HQI		0.93	3AVB	-3.05
		2/93 RFO	Bobbin	HQI		0.73	10TH TSP	+43.54
		2/93 RFO	Bobbin	HQI		1.80	12TH TSP	+15.73
		2/93 RFO	C/L Special Int	VOL		0.8	3AVB	-2.73
		2/93 RFO	C/L Special Int	VOL		0.6	11TH TSP	-27.26
43	50	2/93 RFO	Bobbin	ODI	16	3.91	13TH TSP	+32.76
43	59	2/93 RFO	Bobbin	ODI	8	1.57	11TH TSP	+9.51
		2/93 RFO	Bobbin	ODI	8	1.63	10TH TSP	+38.21
43	62	2/93 RFO	Bobbin	ODI	7	1.80	13TH TSP	+5.05
43	65	2/93 RFO	Bobbin	ODI	11	0.83	10TH TSP	+20.28
		2/93 RFO	C/L Special Int	VOL		0.17	10TH TSP	+19.84
43	66	2/93 RFO	Bobbin	ODI	11	2.50	14TH TSP	+3.97
43	67	2/93 RFO	Bobbin	ADS		6.39	11TH TSP	+16.67
		2/93 RFO	Bobbin	HQI		0.52	12TH TSP	+40.34
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	-3.09
		2/93 RFO	C/L Special Int	VOL		0.45	11TH TSP	+16.04
43	86	2/93 RFO	Bobbin	ADS		4.12	13TH TSP	+31.24
43	88	2/93 RFO	Bobbin	ODI	7	0.79	3RD TSP	+23.29
		2/93 RFO	Bobbin	ODI	33	0.60	3RD TSP	+20.97
43	91	2/93 RFO	Bobbin	ODI	8	1.16	6TH TSP	+26.01
		2/93 RFO	Bobbin	ODI	13	1.01	3RD TSP	+13.72
		2/93 RFO	Bobbin	ODI	16	0.85	11TH TSP	+8.14
43	93	2/93 RFO	Bobbin	ADS		4.90	TTS-HL	+3.48
		2/93 RFO	H/L Special Int	VOL		0.13	TTS-HL	+3.97
44	23	2/93 RFO	H/L Tubesheet	VOL		1.05	TTS-HL	+1.47
44	30	2/93 RFO	Bobbin	HQI		0.90	1AVB	+29.76

S/G 8 - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
		2/93 RFO	Bobbin	ADS		2.40	13TH TSP	+30.09
		2/93 RFO	Bobbin	ODI	12	0.98	7TH TSP	+34.96
44	33	2/93 RFO	Bobbin	ODI	17	1.81	17TH TSP	+7.47
44	36	2/93 RFO	Bobbin	ODI	12	0.64	7TH TSP	+6.26
		2/93 RFO	H/L Special Int	VOL		0.12	7TH TSP	+7.17
44	39	2/93 RFO	Bobbin	NQI		1.24	8TH TSP	+5.83
		2/93 RFO	Bobbin	ODI	23	1.45	13TH TSP	+11.23
		2/93 RFO	H/L Special Int	VOL		0.61	8TH TSP	+5.36
		2/93 RFO	C/L Special Int	VOL		0.58	13TH TSP	+11.15
44	49	2/93 RFO	Bobbin	ODI	15	1.27	11TH TSP	+39.47
44	50	2/93 RFO	Bobbin	NQI		1.42	2ND TSP	+3.85
		2/93 RFO	H/L Special Int	VOL		0.55	2ND TSP	+3.55
44	67	2/93 RFO	Bobbin	ADS		5.06	5TH TSP	+10.02
		2/93 RFO	H/L Special Int	VOL		0.23	5TH TSP	+10.30
44	84	2/93 RFO	Bobbin	NQI		1.05	3RD TSP	+11.39
44	91	2/93 RFO	Bobbin	ODI	8	1.48	7TH TSP	+27.94
		2/93 RFO	Bobbin	ODI	22	0.50	7TH TSP	+27.34
44	92	2/93 RFO	Bobbin	ODI	11	3.67	4TH TSP	+35.92
45	24	2/93 RFO	H/L Tubesheet	VOL		0.31	TTS-HL	+1.48
45	35	2/93 RFO	Bobbin	ADS		3.95	6TH TSP	+32.74
		2/93 RFO	Bobbin	ADS		8.37	7TH TSP	+15.80
45	37	2/93 RFO	Bobbin	ADS		8.11	3RD TSP	+17.32
		2/93 RFO	H/L Special Int	VOL		0.26	3RD TSP	+16.75
		2/93 RFO	H/L Special Int	VOL		0.56	3RD TSP	+4.34
45	38	2/93 RFO	Bobbin	ODI	1	4.57	11TH TSP	+35.53
		2/93 RFO	Bobbin	ODI	6	2.95	13TH TSP	+38.55
		2/93 RFO	Bobbin	ODI	38	0.94	18TH TSP	+8.29
45	39	2/93 RFO	Bobbin	NQI		1.15	2AVB	+31.34
		2/93 RFO	H/L Special Int	VOL		0.99	2AVB	+31.34
45	47	2/93 RFO	Bobbin	ADS		7.88	13TH TSP	+12.44
		2/93 RFO	Bobbin	ODI	14	1.71	17TH TSP	+27.88
		2/93 RFO	Bobbin	ODI	16	3.84	13TH TSP	+10.91
		2/93 RFO	H/L Tubesheet	VOL		0.30	TTS-HL	+0.11
		2/93 RFO	C/L Special Int	VOL		0.58	13TH TSP	+8.34
		2/93 RFO	C/L Special Int	VOL		1.25	13TH TSP	+9.23
45	49	2/93 RFO	Bobbin	ADS		7.69	4TH TSP	+4.34
		2/93 RFO	H/L Special Int	VOL		0.20	4TH TSP	+4.57
45	55	2/93 RFO	Bobbin	ODI	19	2.44	11TH TSP	+31.60
		2/93 RFO	Bobbin	ODI	24	1.90	11TH TSP	+32.21
45	60	2/93 RFO	Bobbin	ODI	9	2.12	4TH TSP	+24.68
45	61	2/93 RFO	Bobbin	ODI	17	2.74	2ND TSP	+3.01
45	64	2/93 RFO	Bobbin	ODI	13	4.56	4AVB	+5.43
		2/93 RFO	Bobbin	ODI	13	3.98	8TH TSP	-1.31
		2/93 RFO	Bobbin	ODI	19	1.64	9TH TSP	-0.72
45	65	2/93 RFO	Bobbin	ODI	23	0.48	15TH TSP	+25.75
		2/93 RFO	Bobbin	ODI	23	0.51	15TH TSP	+28.37
45	77	2/93 RFO	Bobbin	ADS		4.08	4TH TSP	+5.95
		2/93 RFO	Bobbin	ODI	14	2.46	17TH TSP	+18.28
		2/93 RFO	H/L Special Int	VOL		0.57	4TH TSP	+5.70
45	80	2/93 RFO	Bobbin	ADS		8.27	12TH TSP	+2.54
		2/93 RFO	C/L Special Int	VOL		0.93	12TH TSP	+2.27
45	81	2/93 RFO	Bobbin	ODI	19	1.33	2ND TSP	+21.20
		2/93 RFO	Bobbin	ODI	26	2.32	2ND TSP	+25.67
45	85	2/93 RFO	Bobbin	ODI	13	1.03	10TH TSP	+26.97
45	87	2/93 RFO	Bobbin	ADS		8.19	3RD TSP	-0.97
		2/93 RFO	H/L Special Int	VOL		0.66	3RD TSP	-0.93
46	28	2/93 RFO	Bobbin	ADS		4.49	4TH TSP	+26.21
		2/93 RFO	Bobbin	ADS		3.99	12TH TSP	+14.14
		2/93 RFO	H/L Special Int	VOL		0.46	5TH TSP	-15.74
46	33	2/93 RFO	Bobbin	ADS		3.48	3RD TSP	+13.23
		2/93 RFO	Bobbin	ADS		3.56	3RD TSP	+5.25
		2/93 RFO	Bobbin	ADS		6.36	3RD TSP	+9.46
		2/93 RFO	H/L Special Int	VOL		0.36	3RD TSP	+5.50
		2/93 RFO	H/L Special Int	VOL		0.44	3RD TSP	+12.84
		2/93 RFO	H/L Special Int	VOL		0.52	3RD TSP	+6.95

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.54	3RD TSP +3.27
		2/93 RFO	H/L Special Int	VOL		0.59	3RD TSP +9.36
		2/93 RFO	H/L Special Int	VOL		0.60	3RD TSP +17.58
		2/93 RFO	H/L Special Int	VOL		0.62	3RD TSP +6.93
		2/93 RFO	H/L Special Int	VOL		0.67	3RD TSP +3.18
46	34	2/93 RFO	Bobbin	ADS		8.93	4TH TSP +1.17
		2/93 RFO	Bobbin	ADS		11.33	3RD TSP +19.85
		2/93 RFO	Bobbin	ODI	27	1.95	12TH TSP +8.70
		2/93 RFO	H/L Special Int	VOL		0.71	4TH TSP -14.79
46	37	2/93 RFO	Bobbin	ADS		4.63	3RD TSP +10.12
		2/93 RFO	Bobbin	ADS		10.76	2ND TSP +28.25
		2/93 RFO	H/L Special Int	VOL		0.08	3RD TSP +11.03
		2/93 RFO	H/L Special Int	VOL		0.27	3RD TSP -7.34
46	38	2/93 RFO	Bobbin	ADS		8.42	17TH TSP +21.52
		2/93 RFO	H/L Special Int	VOL		0.45	3RD TSP -11.24
46	40	2/93 RFO	Bobbin	ADS		7.60	7TH TSP +31.41
46	43	2/93 RFO	Bobbin	ODI	13	0.95	5TH TSP +39.06
46	47	2/93 RFO	Bobbin	ADS		5.94	2ND TSP +14.88
46	60	2/93 RFO	Bobbin	ODI	8	0.71	17TH TSP +12.97
		2/93 RFO	Bobbin	ODI	10	1.28	17TH TSP +28.52
		2/93 RFO	Bobbin	ODI	21	0.52	17TH TSP +23.70
		2/93 RFO	Bobbin	ODI	24	0.90	17TH TSP +26.23
		2/93 RFO	Bobbin	ODI	25	0.86	17TH TSP +26.13
		2/93 RFO	Bobbin	ODI	26	0.50	17TH TSP +23.68
		2/93 RFO	C/L Special Int	VOL		0.25	17TH TSP +6.18
		2/93 RFO	C/L Special Int	VOL		0.31	17TH TSP +13.19
		2/93 RFO	C/L Special Int	VOL		0.36	17TH TSP +23.35
		2/93 RFO	C/L Special Int	VOL		0.41	17TH TSP +25.74
		2/93 RFO	C/L Special Int	VOL		0.54	17TH TSP +28.08
46	71	2/93 RFO	Bobbin	NQI		0.93	13TH TSP +2.51
		2/93 RFO	C/L Special Int	VOL		0.32	13TH TSP +2.59
46	77	2/93 RFO	Bobbin	ODI	20	1.34	3RD TSP +24.03
		2/93 RFO	Bobbin	ODI	23	3.30	15TH TSP +19.81
46	82	2/93 RFO	Bobbin	ODI	23	1.65	4TH TSP +29.17
		2/93 RFO	Bobbin	ODI	19	0.71	15TH TSP +7.13
		2/93 RFO	Bobbin	ODI	19	1.47	17TH TSP +15.36
		2/93 RFO	Bobbin	ODI	20	1.07	12TH TSP +39.24
47	27	2/93 RFO	Bobbin	ODI	7	2.18	4AVB +40.61
47	29	2/93 RFO	Bobbin	NQI		0.81	13TH TSP +30.19
47	39	2/93 RFO	Bobbin	ADS		4.53	3RD TSP +29.25
47	41	2/93 RFO	Bobbin	ADS		6.12	7TH TSP +37.83
47	42	2/93 RFO	Bobbin	ADS		9.92	5TH TSP +27.86
		2/93 RFO	H/L Special Int	VOL		0.63	6TH TSP -13.77
47	44	2/93 RFO	Bobbin	ODI	23	1.07	11TH TSP +34.06
47	45	2/93 RFO	Bobbin	ADS		5.14	1ST TSP +22.44
47	51	2/93 RFO	Bobbin	ODI	1	1.89	17TH TSP +21.74
		2/93 RFO	C/L Special Int	VOL		0.29	17TH TSP +20.05
47	52	2/93 RFO	Bobbin	ODI	11	0.72	10TH TSP +10.14
		2/93 RFO	H/L Special Int	VOL		0.19	6TH TSP +5.27
		2/93 RFO	C/L Special Int	VOL		0.45	10TH TSP +7.94
47	62	2/93 RFO	Bobbin	ODI	9	3.12	3AVB -8.10
		2/93 RFO	Bobbin	ODI	8	6.31	3RD TSP +28.40
47	69	2/93 RFO	Bobbin	ODI	11	1.08	1ST TSP +7.01
		2/93 RFO	Bobbin	ODI	26	0.95	8TH TSP +41.79
47	70	2/93 RFO	Bobbin	AGS		3.90	15TH TSP +24.51
		2/93 RFO	Bobbin	ODI	15	1.36	17TH TSP +4.23
		2/93 RFO	Bobbin	ODI	16	1.19	17TH TSP +33.72
		2/93 RFO	C/L Special Int	VOL		0.20	15TH TSP +23.67
47	71	2/93 RFO	Bobbin	ODI	10	0.66	11TH TSP +20.14
		2/93 RFO	C/L Special Int	VOL		0.58	11TH TSP +19.46
47	72	2/93 RFO	Bobbin	NQI		0.53	1ST TSP +25.39
		2/93 RFO	Bobbin	ODI	20	1.43	2ND TSP +14.95
		2/93 RFO	Bobbin	ODI	23	1.90	3RD TSP +6.21
47	80	2/93 RFO	Bobbin	ODI	2	2.06	2ND TSP +4.26
47	82	2/93 RFO	Bobbin	ODI	16	1.23	13TH TSP +32.66

S/G B - ATTACHMENT #2 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
47	83	2/93 RFO	Bobbin	NQI		0.50	12TH TSP	+18.93
		2/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+18.51
47	86	2/93 RFO	Bobbin	ODI	12	1.50	15TH TSP	+26.53
48	30	2/93 RFO	Bobbin	ADS		5.33	2ND TSP	+27.33
		2/93 RFO	H/L Special Int	VOL		0.44	3RD TSP	-8.41
48	36	2/93 RFO	Bobbin	ADS		5.12	2AVB	+23.19
		2/93 RFO	Bobbin	NQI		1.56	2AVB	+31.98
		2/93 RFO	H/L Special Int	VOL		0.57	2AVB	+28.06
		2/93 RFO	H/L Special Int	VOL		1.42	2AVB	+16.97
48	40	2/93 RFO	Bobbin	ADS		2.90	4TH TSP	+14.72
		2/93 RFO	H/L Special Int	VOL		0.35	4TH TSP	+8.89
		2/93 RFO	H/L Special Int	VOL		0.46	4TH TSP	+14.45
48	49	2/93 RFO	Bobbin	ADS		3.81	4TH TSP	+8.37
		2/93 RFO	Bobbin	ADS		6.53	13TH TSP	+5.91
		2/93 RFO	H/L Special Int	VOL		0.23	4TH TSP	+8.50
		2/93 RFO	C/L Special Int	VOL		0.42	13TH TSP	+5.07
48	50	2/93 RFO	Bobbin	ODI	20	0.88	9TH TSP	+2.45
		2/93 RFO	Bobbin	ODI	25	1.52	10TH TSP	+43.43
48	74	2/93 RFO	Bobbin	ODI	11	0.80	12TH TSP	+36.20
		2/93 RFO	Bobbin	ODI	17	2.08	11TH TSP	+19.09
48	84	2/93 RFO	Bobbin	NQI		0.62	17TH TSP	+2.35
48	86	2/93 RFO	Bobbin	ADS		7.63	4TH TSP	+31.34
		2/93 RFO	Bobbin	ODI	16	1.74	2ND TSP	+29.55
49	34	2/93 RFO	Bobbin	ADS		4.27	4TH TSP	+38.46
		2/93 RFO	H/L Special Int	VOL		0.29	5TH TSP	-4.37
49	35	2/93 RFO	Bobbin	ADS		2.40	13TH TSP	+33.85
		2/93 RFO	Bobbin	ADS		3.32	13TH TSP	+36.07
49	37	2/93 RFO	Bobbin	ODI	8	1.09	7TH TSP	+25.18
49	38	2/93 RFO	Bobbin	ADS		3.02	4TH TSP	+23.92
		2/93 RFO	H/L Special Int	VOL		0.49	5TH TSP	-18.20
49	39	2/93 RFO	Bobbin	ADS		2.96	6TH TSP	+39.86
		2/93 RFO	H/L Special Int	VOL		0.23	7TH TSP	-2.39
49	41	2/93 RFO	Bobbin	ODI	15	1.90	7TH TSP	+41.01
		2/93 RFO	Bobbin	ODI	19	0.77	7TH TSP	+40.00
49	45	2/93 RFO	Bobbin	ADS		2.79	15TH TSP	+25.19
		2/93 RFO	C/L Special Int	VOL		0.41	13TH TSP	-20.97
49	46	2/93 RFO	Bobbin	ADS		5.02	6TH TSP	+18.51
		2/93 RFO	Bobbin	ODI	11	0.61	10TH TSP	+30.07
		2/93 RFO	Bobbin	ODI	16	2.48	13TH TSP	+19.85
		2/93 RFO	C/L Special Int	VOL		0.62	13TH TSP	+19.47
49	50	2/93 RFO	Bobbin	ODI	18	0.93	7TH TSP	+38.71
		2/93 RFO	Bobbin	ODI	35	0.52	7TH TSP	+38.97
		2/93 RFO	Bobbin	ODI	19	0.62	11TH TSP	+23.89
49	61	2/93 RFO	Bobbin	NQI		0.56	9TH TSP	+4.60
49	65	2/93 RFO	Bobbin	ODI	17	0.65	10TH TSP	+29.21
49	69	2/93 RFO	Bobbin	ADS		3.09	3RD TSP	+24.23
		2/93 RFO	Bobbin	ADS		3.71	4TH TSP	+26.50
		2/93 RFO	Bobbin	ODI	12	2.02	17TH TSP	+6.23
		2/93 RFO	Bobbin	ODI	20	0.59	10TH TSP	+30.78
		2/93 RFO	H/L Special Int	VOL		0.38	4TH TSP	-11.02
		2/93 RFO	H/L Special Int	VOL		0.40	5TH TSP	-15.33
49	74	2/93 RFO	Bobbin	ODI	13	1.26	6TH TSP	+37.04
		2/93 RFO	Bobbin	ODI	10	1.03	13TH TSP	+29.35
		2/93 RFO	Bobbin	ODI	13	1.11	12TH TSP	-1.23
		2/93 RFO	Bobbin	ODI	13	1.67	15TH TSP	+25.52
49	84	2/93 RFO	Bobbin	ODI	13	1.14	5TH TSP	+31.91
		2/93 RFO	Bobbin	ODI	17	1.04	5TH TSP	+36.05

Total Indications Found = 1292
 Total Tubes Found = 617

ATTACHMENT 3

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IMD %TW	VOLTS	LOCATION
7	99	2/93 RFO	Bobbin	ADS	4.08	10TH TSP -28.22
		2/93 RFO	C/L Special Int	VOL	0.45	10TH TSP +27.92
7	110	2/93 RFO	Bobbin	ADS	3.07	1ST TSP +21.40
		2/93 RFO	Bobbin	ODI	3	2.06 1ST TSP +16.99
		2/93 RFO	H/L Special Int	VOL	0.31	2ND TSP -11.22
8	50	2/93 RFO	Bobbin	NQI	0.43	15TH TSP +12.51
		2/93 RFO	Bobbin	ODI	3	2.50 5TH TSP +1.54
		2/93 RFO	Bobbin	ODI	13	0.81 3RD TSP +32.58
8	51	2/93 RFO	Bobbin	ADS	3.66	6TH TSP +24.05
		2/93 RFO	H/L Special Int	VOL	0.21	7TH TSP -17.96
8	56	2/93 RFO	Bobbin	ODI	5	1.76 10TH TSP +29.08
8	62	2/93 RFO	Bobbin	NQI	0.50	10TH TSP +10.63
8	70	2/93 RFO	Bobbin	ADS	6.13	8TH TSP -9.23 to -5.99
		2/93 RFO	H/L Special Int	VOL	0.72	8TH TSP -17.76
		2/93 RFO	H/L Special Int	VOL	0.80	8TH TSP -8.68
8	76	2/93 RFO	Bobbin	ODI	35	2.45 5TH TSP +33.18
8	85	2/93 RFO	Bobbin	ADS	9.46	1ST TSP +22.38
		2/93 RFO	H/L Special Int	VOL	0.81	2ND TSP -6.41
8	96	2/93 RFO	Bobbin	ADS	10.16	16TH TSP +12.01
		2/93 RFO	C/L Special Int	VOL	0.37	16TH TSP +11.77
8	103	2/93 RFO	Bobbin	ADS	2.80	16TH TSP +10.36
		2/93 RFO	C/L Special Int	VOL	0.28	16TH TSP +10.02
9	14	2/93 RFO	Bobbin	NQI	0.54	2ND TSP +31.04
		2/93 RFO	Bobbin	ADS	3.25	18TH TSP +15.87
		2/93 RFO	H/L Special Int	VOL	0.51	3RD TSP -8.06
		2/93 RFO	C/L Special Int	VOL	0.38	17TH TSP -2.46
9	18	2/93 RFO	Bobbin	ODI	27	1.13 10TH TSP +24.55
9	41	2/93 RFO	Bobbin	NQI	0.73	17TH TSP +8.63
9	49	2/93 RFO	Bobbin	ODI	14	0.56 7TH TSP +25.52
9	52	2/93 RFO	Bobbin	ODI	16	0.69 10TH TSP +41.61
		2/93 RFO	C/L Special Int	VOL	0.34	9TH TSP -4.55
9	95	2/93 RFO	Bobbin	NQI	1.09	7TH TSP +38.74
		2/93 RFO	H/L Special Int	VOL	0.27	8TH TSP -4.26
9	98	2/93 RFO	Bobbin	ODI	4	1.33 7TH TSP +19.99
9	112	2/93 RFO	Bobbin	NQI	1.16	4TH TSP +29.81
		2/93 RFO	Bobbin	NQI	1.25	5TH TSP +7.23
		2/93 RFO	Bobbin	NQI	1.25	5TH TSP +11.72
		2/93 RFO	Bobbin	NQI	1.68	5TH TSP +10.24
		2/93 RFO	Bobbin	ODI	17	1.05 5TH TSP +5.78
		2/93 RFO	Bobbin	ODI	36	1.23 3RD TSP +21.34
		2/93 RFO	H/L Special Int	VOL	0.34	5TH TSP +7.16
		2/93 RFO	H/L Special Int	VOL	0.35	5TH TSP +10.15
		2/93 RFO	H/L Special Int	VOL	0.35	5TH TSP +11.53
		2/93 RFO	H/L Special Int	VOL	0.45	5TH TSP -12.90
10	4	2/93 RFO	Bobbin	ADS	4.20	15TH TSP +6.44
		2/93 RFO	C/L Special Int	VOL	0.34	15TH TSP +5.76
10	11	2/93 RFO	Bobbin	ODI	36	1.79 2ND TSP +11.14
10	20	2/93 RFO	Bobbin	ADS	2.66	14TH TSP +14.25
		2/93 RFO	C/L Special Int	VOL	0.29	13TH TSP -4.22
10	25	2/93 RFO	Bobbin	NQI	0.43	14TH TSP +16.59
10	43	2/93 RFO	Bobbin	NQI	0.62	13TH TSP +23.47
		2/93 RFO	C/L Special Int	VOL	0.28	13TH TSP +23.35
10	59	2/93 RFO	Bobbin	ADS	2.58	14TH TSP +7.44
10	68	2/93 RFO	Bobbin	ODI	3	0.82 4TH TSP +7.20
10	69	2/93 RFO	Bobbin	NQI	0.79	12TH TSP +29.49
		2/93 RFO	C/L Special Int	VOL	0.44	11TH TSP -13.05
10	78	2/93 RFO	Bobbin	ADS	2.22	18TH TSP +2.63
		2/93 RFO	Bobbin	ADS	4.04	18TH TSP +6.86
		2/93 RFO	C/L Special Int	VOL	0.15	18TH TSP +2.32
		2/93 RFO	C/L Special Int	VOL	0.21	18TH TSP +6.32
		2/93 RFO	C/L Special Int	VOL	0.21	18TH TSP +7.66
		2/93 RFO	C/L Special Int	VOL	0.33	18TH TSP +0.33
10	79	2/93 RFO	Bobbin	ODI	15	1.91 13TH TSP +23.38
10	81	2/93 RFO	Bobbin	ADS	4.45	13TH TSP +8.25
		2/93 RFO	Bobbin	NQI	0.66	17TH TSP +15.05

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int	VOL		0.13	17TH TSP +14.48
		2/93 RFO	C/L Special Int	VOL		0.14	17TH TSP +11.86
		2/93 RFO	C/L Special Int	VOL		0.20	13TH TSP +8.25
10	89	2/93 RFO	Bobbin	ODI	1	0.66	12TH TSP +29.34
10	90	2/93 RFO	Bobbin	ADS		3.03	10TH TSP +37.30
10	94	2/93 RFO	Bobbin	ODI	11	1.10	7TH TSP +35.80
10	112	2/93 RFO	Bobbin	ODI	13	0.76	7TH TSP +34.10
11	65	2/93 RFO	Bobbin	ADS		4.16	7TH TSP +34.50
		2/93 RFO	Bobbin	NQI		0.65	7TH TSP +8.50
		2/93 RFO	Bobbin	ADS		6.70	17TH TSP +7.51
		2/93 RFO	H/L Special Int	VOL		0.23	8TH TSP -8.73
		2/93 RFO	H/L Special Int	VOL		0.34	8TH TSP -8.25
		2/93 RFO	C/L Special Int	VOL		0.23	17TH TSP +6.77
11	67	2/93 RFO	Bobbin	ADS		8.30	4TH TSP +6.10
		2/93 RFO	H/L Special Int	VOL		0.38	4TH TSP +6.19
11	68	2/93 RFO	Bobbin	NQI		1.51	6TH TSP +29.97
		2/93 RFO	H/L Special Int	VOL		0.69	7TH TSP -12.85
11	87	2/93 RFO	Bobbin	ODI	5	0.76	17TH TSP +9.75
11	93	2/93 RFO	Bobbin	NQI		0.33	3RD TSP +24.91 to +26.61
		2/93 RFO	H/L Special Int	VOL		0.42	4TH TSP -9.95
11	102	2/93 RFO	Bobbin	NQI		0.55	13TH TSP -1.31
		2/93 RFO	C/L Special Int	VOL		0.26	13TH TSP -1.46
11	107	2/93 RFO	Bobbin	ODI	3	2.81	2ND TSP +31.34
11	109	2/93 RFO	Bobbin	ODI	13	1.09	10TH TSP +38.82
		2/93 RFO	C/L Special Int	VOL		0.25	9TH TSP -6.43
11	110	2/93 RFO	Bobbin	ADS		3.33	5TH TSP +34.30
		2/93 RFO	Bobbin	ADS		17.61	4TH TSP +14.54
		2/93 RFO	H/L Special Int	VOL		0.84	5TH TSP -27.14
11	112	2/93 RFO	Bobbin	NQI		1.81	10TH TSP +34.61
		2/93 RFO	Bobbin	NQI		1.86	10TH TSP +26.39
		2/93 RFO	Bobbin	NQI		2.38	10TH TSP +7.22
12	14	2/93 RFO	Bobbin	NQI		0.85	3RD TSP +1.98
		2/93 RFO	H/L Special Int	VOL		0.70	3RD TSP +2.02
12	15	2/93 RFO	Bobbin	NQI		1.51	TTS-HL +3.26
		2/93 RFO	H/L Special Int	VOL		0.64	TTS-HL +3.55
12	30	2/93 RFO	Bobbin	ODI	29	0.54	13TH TSP +15.07
12	41	2/93 RFO	Bobbin	ADS		5.02	17TH TSP +7.23
		2/93 RFO	Bobbin	NQI		0.35	17TH TSP +2.78
		2/93 RFO	C/L Special Int	VOL		0.13	17TH TSP +2.93
		2/93 RFO	C/L Special Int	VOL		0.45	17TH TSP +7.17
12	56	2/93 RFO	Bobbin	NQI		0.46	12TH TSP +20.56
		2/93 RFO	C/L Special Int	VOL		0.10	12TH TSP +20.46
12	59	2/93 RFO	Bobbin	ADS		4.12	15TH TSP +6.59
		2/93 RFO	C/L Special Int	VOL		0.40	15TH TSP +5.92
12	69	2/93 RFO	Bobbin	ODI	6	1.05	13TH TSP +38.83
12	77	2/93 RFO	Bobbin	ODI	6	0.65	19TH TSP +3.43
12	91	2/93 RFO	Bobbin	ADS		4.38	19TH TSP +6.52
		2/93 RFO	C/L Special Int	VOL		0.11	19TH TSP +2.73
		2/93 RFO	C/L Special Int	VOL		0.28	18TH TSP -4.21
12	93	2/93 RFO	Bobbin	NQI		0.77	5TH TSP +1.86 to +10.02
		2/93 RFO	H/L Special Int	VOL		0.38	5TH TSP +9.81
		2/93 RFO	H/L Special Int	VOL		0.42	5TH TSP +1.80
12	98	2/93 RFO	Bobbin	NQI		0.47	3RD TSP +26.63
12	111	2/93 RFO	Bobbin	ADS		9.20	15TH TSP +3.74
		2/93 RFO	C/L Special Int	VOL		0.33	15TH TSP +3.54
13	8	2/93 RFO	Bobbin	NQI		0.41	7TH TSP +14.45
		2/93 RFO	Bobbin	ODI	12	0.76	7TH TSP +8.93
		2/93 RFO	Bobbin	ODI	25	0.76	10TH TSP +9.86
13	15	2/93 RFO	Bobbin	ODI	9	0.55	7TH TSP +7.95
		2/93 RFO	Bobbin	ODI	27	0.47	7TH TSP +10.01
		2/93 RFO	Bobbin	ODI	4	0.99	11TH TSP +28.68
		2/93 RFO	Bobbin	ODI	32	0.62	11TH TSP +41.36
13	35	2/93 RFO	Bobbin	ODI	22	0.75	10TH TSP +3.12
13	55	2/93 RFO	Bobbin	ADS		2.14	4TH TSP +37.51
13	78	2/93 RFO	Bobbin	ADS		8.32	18TH TSP -0.71

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	Bobbin	ADS		12.59	18TH TSP +10.39
		2/93 RFO	Bobbin	NQI		0.84	19TH TSP +7.69
		2/93 RFO	C/L Special Int	VOL		0.34	18TH TSP +1.19
		2/93 RFO	C/L Special Int	VOL		0.69	19TH TSP +7.87
		2/93 RFO	C/L Special Int	VOL		0.76	18TH TSP +9.55
13	110	2/93 RFO	Bobbin	ODI	23	0.81	12TH TSP +2.51
14	17	2/93 RFO	Bobbin	ADS		4.02	15TH TSP +9.26
14	19	2/93 RFO	Bobbin	NQI		0.34	3RD TSP +0.07
		2/93 RFO	H/L Special Int	VOL		0.43	3RD TSP +0.17
14	30	2/93 RFO	Bobbin	ADS		3.71	11TH TSP +15.53
14	69	2/93 RFO	Bobbin	ODI	9	2.35	7TH TSP +27.73
		2/93 RFO	Bobbin	ODI	13	1.10	7TH TSP +29.46
14	105	2/93 RFO	Bobbin	ADS		15.35	1AVB +0.00
		2/93 RFO	Bobbin	ADS		3.52	12TH TSP +32.46
		2/93 RFO	H/L Special Int	VOL		1.49	1AVB +0.40
15	64	2/93 RFO	Bobbin	ADS		5.62	TTS-CL +4.54
		2/93 RFO	C/L Special Int	VOL		0.34	TTS-CL +3.77
15	73	2/93 RFO	Bobbin	ADS		3.13	4TH TSP +24.46
		2/93 RFO	H/L Special Int	VOL		0.22	4TH TSP +24.45
15	91	2/93 RFO	Bobbin	ADS		8.40	12TH TSP +11.16
		2/93 RFO	C/L Special Int	VOL		0.15	12TH TSP +10.50
15	98	2/93 RFO	Bobbin	ADS		3.97	13TH TSP +39.07
15	99	2/93 RFO	Bobbin	ADS		13.77	1AVB +7.03
		2/93 RFO	Bobbin	NQI		5.43	4AVB -3.37
		2/93 RFO	Bobbin	NQI		6.53	4AVB -6.35
		2/93 RFO	Bobbin	NQI		8.15	4AVB -9.02
		2/93 RFO	Bobbin	ADS		7.15	5TH TSP +14.75
		2/93 RFO	Bobbin	ADS		3.30	10TH TSP +9.73
		2/93 RFO	Bobbin	ADS		4.87	11TH TSP +16.99
		2/93 RFO	Bobbin	ADS		5.58	11TH TSP +41.02
		2/93 RFO	Bobbin	ADS		6.60	11TH TSP +20.47
		2/93 RFO	Bobbin	ADS		7.91	10TH TSP -0.94
		2/93 RFO	Bobbin	NQI		1.86	11TH TSP +28.82
		2/93 RFO	H/L Special Int	VOL		0.36	4AVB -3.54
		2/93 RFO	H/L Special Int	VOL		0.43	4AVB -9.37
		2/93 RFO	H/L Special Int	VOL		0.75	1AVB +7.02
		2/93 RFO	H/L Special Int	VOL		0.69	5TH TSP +14.73
		2/93 RFO	C/L Special Int	VOL		0.20	11TH TSP +16.38
		2/93 RFO	C/L Special Int	VOL		0.21	10TH TSP -1.97
		2/93 RFO	C/L Special Int	VOL		0.43	11TH TSP +20.56
		2/93 RFO	C/L Special Int	VOL		0.47	11TH TSP +28.70
15	104	2/93 RFO	Bobbin	ADS		16.58	12TH TSP +35.37
		2/93 RFO	C/L Special Int	VOL		0.54	11TH TSP -7.98
16	43	2/93 RFO	Bobbin	ODI	14	1.06	TTS-HL +3.79
16	62	2/93 RFO	Bobbin	NQI		1.10	6TH TSP +34.49
		2/93 RFO	H/L Special Int	VOL		0.39	7TH TSP -8.10
16	65	2/93 RFO	Bobbin	ODI	5	1.22	7TH TSP +29.59
		2/93 RFO	Bobbin	ODI	16	0.98	10TH TSP +29.52
16	67	2/93 RFO	Bobbin	ODI	15	1.24	10TH TSP +43.24
16	78	2/93 RFO	Bobbin	ODI	10	1.12	10TH TSP +33.25
		2/93 RFO	Bobbin	NQI		0.44	10TH TSP +31.16 to +32.61
		2/93 RFO	C/L Special Int	VOL		0.33	9TH TSP -13.84
16	98	2/93 RFO	Bobbin	NQI		0.62	2ND TSP +0.00 to +4.91
		2/93 RFO	Bobbin	NQI		0.75	1ST TSP +17.70 to +19.98
		2/93 RFO	Bobbin	NQI		0.97	4TH TSP +4.67 to +19.13
		2/93 RFO	H/L Special Int	VOL		0.25	4TH TSP +4.52
		2/93 RFO	H/L Special Int	VOL		0.35	1ST TSP +17.70 / 2ND TSP +4.91
17	10	2/93 RFO	Bobbin	ODI	3	0.83	16TH TSP +6.34
17	14	2/93 RFO	Bobbin	NQI		0.56	13TH TSP +19.21
		2/93 RFO	Bobbin	ODI	1	1.82	10TH TSP +11.83
17	32	2/93 RFO	Bobbin	ODI	1	0.91	18TH TSP +16.22
17	38	2/93 RFO	Bobbin	ODI	3	0.66	17TH TSP +8.32
17	62	2/93 RFO	Bobbin	ADS		1.95	6TH TSP +34.23
		2/93 RFO	H/L Special Int	VOL		0.28	7TH TSP -8.27
17	69	2/93 RFO	Bobbin	ADS		4.48	10TH TSP +27.19

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
17	71	2/93 RFO	Bobbin	ADS		4.33	5TH TSP +34.96
		2/93 RFO	Bobbin	ADS		3.81	11TH TSP +17.01
		2/93 RFO	Bobbin	ODI	24	0.50	10TH TSP +12.31
		2/93 RFO	H/L Special Int	VOL		0.43	6TH TSP -5.51
17	81	2/93 RFO	Bobbin	ADS		4.16	4TH TSP +1.36
		2/93 RFO	Bobbin	ADS		3.62	19TH TSP +6.54
		2/93 RFO	H/L Special Int	VOL		0.60	4TH TSP +1.54
		2/93 RFO	C/L Special Int	VOL		0.25	19TH TSP +5.83
17	88	2/93 RFO	Bobbin	ODI	22	0.83	15TH TSP +15.71
17	89	2/93 RFO	Bobbin	NQI		0.68	18TH TSP +4.26
		2/93 RFO	Bobbin	ODI	10	2.57	15T TSP +26.42
17	91	2/93 RFO	Bobbin	NQI		1.50	18TH TSP +12.11
		2/93 RFO	C/L Special Int	VOL		0.47	17TH TSP -6.42
17	101	2/93 RFO	Bobbin	NQI		1.10	4TH TSP +15.72
		2/93 RFO	H/L Special Int	VOL		0.31	4TH TSP +15.71
18	29	2/93 RFO	Bobbin	ADS		7.62	TTS-CL +7.32
		2/93 RFO	C/L Special Int	VOL		0.63	TTS-CL +7.51
18	36	2/93 RFO	Bobbin	ODI	29	0.69	3RD TSP +28.21
18	41	2/93 RFO	Bobbin	ADS		8.73	2ND TSP +26.86
		2/93 RFO	H/L Special Int	VOL		3.17	2ND TSP +26.98
18	45	2/93 RFO	Bobbin	ADS		7.57	TTS-HL +4.93
		2/93 RFO	H/L Special Int	VOL		5.71	TTS-HL +3.00
18	63	2/93 RFO	Bobbin	ADS		2.20	15TH TSP +6.51
		2/93 RFO	Bobbin	ADS		2.81	12TH TSP +2.91
		2/93 RFO	Bobbin	ADS		3.75	13TH TSP +33.94
		2/93 RFO	C/L Special Int	VOL		0.10	12TH TSP +2.62
		2/93 RFO	C/L Special Int	VOL		0.15	12TH TSP -10.33
		2/93 RFO	C/L Special Int	VOL		0.22	12TH TSP -2.49
		2/93 RFO	C/L Special Int	VOL		0.28	15TH TSP +6.27
18	69	2/93 RFO	Bobbin	NQI		0.48	17TH TSP +2.34
		2/93 RFO	C/L Special Int	VOL		0.21	17TH TSP +2.51
18	75	2/93 RFO	Bobbin	ODI	17	1.14	7TH TSP +39.11
18	82	2/93 RFO	Bobbin	ODI	5	1.15	15TH TSP +12.50
18	85	2/93 RFO	Bobbin	ODI	24	1.68	TTS-HL +3.13
		2/93 RFO	H/L Tubesheet	VOL		0.79	TTS-HL +3.43
18	88	2/93 RFO	Bobbin	ADS		3.72	3RD TSP +4.09
		2/93 RFO	H/L Special Int	VOL		0.54	3RD TSP +6.23
18	102	2/93 RFO	Bobbin	NQI		1.23	10TH TSP +25.80
		2/93 RFO	C/L Special Int	VOL		0.53	10TH TSP +22.35
19	21	2/93 RFO	Bobbin	ADS		1.91	10TH TSP +29.85
		2/93 RFO	Bobbin	NQI		2.73	10TH TSP +44.63
		2/93 RFO	Bobbin	ODI	7	1.14	10TH TSP +28.10
		2/93 RFO	Bobbin	ODI	14	1.01	10TH TSP +43.56
		2/93 RFO	C/L Special Int	VOL		0.46	9TH TSP -2.29
		2/93 RFO	C/L Special Int	VOL		1.00	9TH TSP -1.24
		2/93 RFO	C/L Special Int	VOL		1.67	9TH TSP -14.93 to -12.30
19	29	2/93 RFO	Bobbin	NQI		0.49	2ND TSP +24.51
		2/93 RFO	Bobbin	NQI		0.96	7TH TSP +24.00
		2/93 RFO	H/L Special Int	VOL		0.31	7TH TSP +23.94
		2/93 RFO	H/L Special Int	VOL		0.35	2ND TSP +25.36
19	35	2/93 RFO	Bobbin	NQI		0.60	7TH TSP +17.12
		2/93 RFO	H/L Special Int	VOL		2.20	7TH TSP +16.02
19	46	2/93 RFO	Bobbin	NQI		0.53	17TH TSP +5.23
		2/93 RFO	C/L Special Int	VOL		0.46	17TH TSP +4.40
19	63	2/93 RFO	Bobbin	NQI		1.01	14TH TSP +3.72
		2/93 RFO	C/L Special Int	VOL		0.38	14TH TSP +3.79
19	80	2/93 RFO	Bobbin	ODI	19	2.13	10TH TSP +39.66
19	88	2/93 RFO	Bobbin	NQI		0.73	11TH TSP +29.46
		2/93 RFO	C/L Special Int	VOL		0.52	11TH TSP +29.18
19	107	2/93 RFO	Bobbin	ODI	31	2.90	7TH TSP +28.69
19	108	2/93 RFO	Bobbin	ODI	28	0.77	7TH TSP +40.84
		2/93 RFO	Bobbin	ODI	13	0.47	10TH TSP +44.61
20	15	2/93 RFO	Bobbin	ODI	11	0.54	14TH TSP +8.04
20	24	2/93 RFO	Bobbin	NQI		0.49	18TH TSP +6.55
		2/93 RFO	Bobbin	NQI		0.71	15TH TSP +8.09

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
20	42	2/93 RFO	Bobbin	NQI		0.61	5TH TSP +19.68
		2/93 RFO	H/L Special Int	VOL		5.30	5TH TSP +19.86
20	47	2/93 RFO	Bobbin	ADS		2.22	11TH TSP +18.98
		2/93 RFO	Bobbin	ODI	21	3.48	11TH TSP +28.01
20	48	2/93 RFO	Bobbin	ADS		7.53	10TH TSP +11.65
		2/93 RFO	C/L Special Int	VOL		0.37	10TH TSP +10.68
20	57	2/93 RFO	Bobbin	ADS		8.48	6TH TSP +26.18
		2/93 RFO	H/L Special Int	VOL		0.58	6TH TSP +27.43
20	59	2/93 RFO	Bobbin	NQI		0.54	10TH TSP +39.47
20	62	2/93 RFO	Bobbin	ODI	32	1.23	10TH TSP +41.03
20	63	2/93 RFO	Bobbin	ODI	3	1.59	9TH TSP -0.82
20	64	2/93 RFO	Bobbin	ODI	17	0.46	9TH TSP +0.00
		2/93 RFO	Bobbin	ODI	23	0.79	7TH TSP +2.84
		2/93 RFO	Bobbin	ODI	5	0.82	10TH TSP +9.40
		2/93 RFO	Bobbin	ODI	16	0.59	11TH TSP +41.14
20	65	2/93 RFO	Bobbin	ODI	30	0.47	9TH TSP +0.00
20	66	2/93 RFO	Bobbin	ODI	25	0.83	9TH TSP -1.86
20	70	2/93 RFO	Bobbin	NQI		0.38	8TH TSP +2.49
20	74	2/93 RFO	Bobbin	ODI	18	0.89	12TH TSP +26.97
20	78	2/93 RFO	Bobbin	NQI		0.51	8TH TSP -1.03
20	84	2/93 RFO	Bobbin	ADS		4.92	13TH TSP +3.03
		2/93 RFO	C/L Special Int	VOL		0.43	13TH TSP +3.06
20	89	2/93 RFO	Bobbin	ODI	10	0.62	7TH TSP +27.79
20	92	2/93 RFO	Bobbin	ODI	12	1.09	8TH TSP -0.96
		2/93 RFO	H/L Special Int	VOL		0.41	8TH TSP -1.00
20	103	2/93 RFO	Bobbin	NQI		0.67	12TH TSP +17.07
21	10	2/93 RFO	Bobbin	NQI		0.34	11TH TSP +7.94
21	14	2/93 RFO	Bobbin	ADS		3.61	15TH TSP +11.92
		2/93 RFO	Bobbin	ODI	1	0.64	14TH TSP +12.44
21	17	2/93 RFO	Bobbin	ADS		8.43	6TH TSP +3.66
		2/93 RFO	H/L Special Int	VOL		0.45	6TH TSP +4.03
21	24	2/93 RFO	Bobbin	ODI	11	2.43	12TH TSP +41.54
		2/93 RFO	C/L Special Int	VOL		0.24	11TH TSP -1.90
21	31	2/93 RFO	Bobbin	ADS		3.81	13TH TSP +23.34
21	33	2/93 RFO	Bobbin	ODI	10	0.88	10TH TSP +29.36
		2/93 RFO	Bobbin	ODI	12	1.26	10TH TSP +32.10
21	44	2/93 RFO	Bobbin	ODI	15	0.74	3RD TSP +26.41
21	46	2/93 RFO	Bobbin	ODI	5	1.75	4TH TSP +24.39
		2/93 RFO	Bobbin	ODI	7	0.76	4TH TSP +11.73
21	47	2/93 RFO	Bobbin	ADS		4.23	10TH TSP +33.85
		2/93 RFO	C/L Special Int	VOL		0.37	9TH TSP -11.02
21	54	2/93 RFO	Bobbin	ODI	10	0.59	12TH TSP +18.85
		2/93 RFO	C/L Special Int	VOL		0.30	12TH TSP +18.98
21	64	2/93 RFO	Bobbin	NQI		0.46	4TH TSP +30.68
21	72	2/93 RFO	Bobbin	NQI		0.60	5TH TSP +29.04
		2/93 RFO	Bobbin	NQI		3.76	18TH TSP +11.69
		2/93 RFO	H/L Special Int	VOL		1.24	5TH TSP +30.53
21	81	2/93 RFO	Bobbin	NQI		0.55	12TH TSP +35.32
		2/93 RFO	Bobbin	NQI		1.34	11TH TSP -1.44
		2/93 RFO	Bobbin	NQI		1.56	12TH TSP +38.41
		2/93 RFO	C/L Special Int	VOL		0.14	11TH TSP -11.01
		2/93 RFO	C/L Special Int	VOL		0.27	11TH TSP -7.40
		2/93 RFO	C/L Special Int	VOL		0.33	11TH TSP +3.55
		2/93 RFO	C/L Special Int	VOL		0.44	11TH TSP -4.55
		2/93 RFO	C/L Special Int	VOL		0.54	11TH TSP -1.55
21	91	2/93 RFO	Bobbin	NQI		0.38	8TH TSP -0.18
		2/93 RFO	Bobbin	ODI	8	0.89	10TH TSP +11.47
21	94	2/93 RFO	Bobbin	NQI		1.08	11TH TSP +35.65
		2/93 RFO	C/L Special Int	VOL		0.41	11TH TSP +35.10
21	95	2/93 RFO	Bobbin	ADS		4.64	1ST TSP +19.19
		2/93 RFO	Bobbin	NQI		0.55	1ST TSP +24.68
		2/93 RFO	Bobbin	ODI	16	1.10	1ST TSP +6.18
		2/93 RFO	H/L Special Int	VOL		0.18	2ND TSP -3.95
		2/93 RFO	H/L Special Int	VOL		0.19	2ND TSP -22.66
21	98	2/93 RFO	Bobbin	ODI	18	2.18	7TH TSP +27.05

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
		2/93 RFO	Bobbin	ODI	19	0.81	10TH TSP	+25.59
22	11	2/93 RFO	Bobbin	ODI	21	0.84	4TH TSP	+3.96
22	17	2/93 RFO	Bobbin	ODI	23	2.48	13TH TSP	+1.99
22	32	2/93 RFO	Bobbin	ODI	5	0.57	11TH TSP	+2.13
22	33	2/93 RFO	Bobbin	ODI	1	0.98	7TH TSP	+8.23
22	44	2/93 RFO	Bobbin	ODI	12	0.95	13TH TSP	+36.91
22	71	2/93 RFO	Bobbin	ODI	16	0.81	4TH TSP	+38.83
		2/93 RFO	H/L Special Int	VOL		0.45	5TH TSP	-7.63
		2/93 RFO	H/L Special Int	VOL		0.47	5TH TSP	-4.91
22	73	2/93 RFO	Bobbin	NQI		0.56	4TH TSP	-0.35
		2/93 RFO	Bobbin	ODI	4	0.90	18TH TSP	+1.20
		2/93 RFO	C/L Special Int	VOL		0.27	18TH TSP	+0.72
22	74	2/93 RFO	Bobbin	NQI		0.71	13TH TSP	+1.78
22	75	2/93 RFO	Bobbin	ODI	4	0.77	12TH TSP	+20.12
22	77	2/93 RFO	Bobbin	ODI	18	1.22	10TH TSP	+40.66
22	80	2/93 RFO	Bobbin	NQI		1.04	13TH TSP	+9.32
		2/93 RFO	Bobbin	NQI		1.26	13TH TSP	+0.71
		2/93 RFO	C/L Special Int	VOL		0.20	13TH TSP	+9.46
22	81	2/93 RFO	Bobbin	NQI		1.37	4TH TSP	+21.25
		2/93 RFO	H/L Special Int	VOL		0.40	5TH TSP	-20.41
22	88	2/93 RFO	Bobbin	ODI	9	0.54	12TH TSP	+20.86
22	90	2/93 RFO	Bobbin	ODI	21	2.16	6TH TSP	+1.51
		2/93 RFO	H/L Special Int	VOL		0.66	6TH TSP	+2.52
22	93	2/93 RFO	Bobbin	ODI	19	1.64	7TH TSP	+38.44
		2/93 RFO	Bobbin	ODI	18	0.61	10TH TSP	+42.78
22	100	2/93 RFO	Bobbin	ODI	9	1.49	15TH TSP	+15.41
22	104	2/93 RFO	Bobbin	NQI		0.47	17TH TSP	+3.46
		2/93 RFO	Bobbin	NQI		0.65	17TH TSP	+4.13
		2/93 RFO	Bobbin	NQI		1.01	17TH TSP	+1.52
		2/93 RFO	C/L Special Int	VOL		0.36	17TH TSP	+3.84
		2/93 RFO	C/L Special Int	VOL		0.39	17TH TSP	+1.57
22	107	2/93 RFO	Bobbin	NQI		0.51	12TH TSP	+35.67
23	6	2/93 RFO	Bobbin	ODI	1	0.83	4TH TSP	+21.27
		2/93 RFO	Bobbin	ODI	1	1.22	5TH TSP	+15.41
		2/93 RFO	Bobbin	ODI	20	1.98	8TH TSP	+6.95
		2/93 RFO	Bobbin	ODI	5	0.63	14TH TSP	+6.03
		2/93 RFO	Bobbin	ODI	9	1.70	12TH TSP	+22.91
23	31	2/93 RFO	Bobbin	ODI	5	1.32	2ND TSP	+16.21
23	33	2/93 RFO	Bobbin	ADS		4.34	7TH TSP	+17.01
		2/93 RFO	Bobbin	ODI	5	0.89	4TH TSP	+23.54
		2/93 RFO	H/L Special Int	VOL		0.44	7TH TSP	+8.63
23	34	2/93 RFO	Bobbin	ODI	2	0.61	10TH TSP	+23.38
		2/93 RFO	Bobbin	ODI	6	0.64	13TH TSP	+21.46
23	35	2/93 RFO	Bobbin	NQI		0.73	2ND TSP	+7.45
		2/93 RFO	H/L Special Int	VOL		0.32	2ND TSP	+7.94
23	37	2/93 RFO	Bobbin	NQI		0.34	4TH TSP	+37.20
23	73	2/93 RFO	Bobbin	ODI	14	1.05	2ND TSP	+30.98
23	76	2/93 RFO	Bobbin	NQI		0.65	10TH TSP	+35.34
23	77	2/93 RFO	Bobbin	ODI	6	1.27	10TH TSP	+41.32
23	79	2/93 RFO	Bobbin	NQI		0.83	12TH TSP	+24.99
		2/93 RFO	C/L Special Int	VOL		0.23	12TH TSP	+24.58
23	83	2/93 RFO	Bobbin	NQI		0.63	12TH TSP	+11.06
23	87	2/93 RFO	Bobbin	NQI		0.45	16TH TSP	+13.09
		2/93 RFO	C/L Special Int	VOL		0.27	16TH TSP	+12.72
23	91	2/93 RFO	Bobbin	ADS		1.82	12TH TSP	+7.93
		2/93 RFO	C/L Special Int	VOL		0.16	12TH TSP	+7.52
23	102	2/93 RFO	Bobbin	NQI		0.60	10TH TSP	+19.31
		2/93 RFO	Bobbin	ODI	18	2.00	12TH TSP	+7.15
23	105	2/93 RFO	Bobbin	ADS		2.49	13TH TSP	+39.75
24	8	2/93 RFO	Bobbin	ODI	9	1.39	5TH TSP	+5.12
		2/93 RFO	H/L Special Int	VOL		0.34	5TH TSP	+5.01
24	27	2/93 RFO	Bobbin	NQI		0.44	19TH TSP	-1.25
		2/93 RFO	Bobbin	ODI	6	0.63	13TH TSP	+34.68
		2/93 RFO	C/L Special Int	VOL		0.19	19TH TSP	-1.44
		2/93 RFO	C/L Special Int	VOL		0.21	19TH TSP	+0.00

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
24	35	2/93 RFO	Bobbin	ODI	2	0.69	15TH TSP	+7.36
24	60	2/93 RFO	Bobbin	ADS		3.09	7TH TSP	+27.61
		2/93 RFO	Bobbin	ODI	20	0.63	7TH TSP	+37.32
		2/93 RFO	Bobbin	ODI	11	0.97	10TH TSP	+36.10
		2/93 RFO	Bobbin	ODI	20	0.65	10TH TSP	+34.91
		2/93 RFO	Bobbin	ODI	26	1.02	10TH TSP	+42.23
		2/93 RFO	Bobbin	ODI	28	0.83	10TH TSP	+37.93
		2/93 RFO	H/L Special Int	VOL		0.49	7TH TSP	+28.76
24	61	2/93 RFO	Bobbin	ODI	15	1.13	17TH TSP	+11.57
24	63	2/93 RFO	Bobbin	ADS		2.67	3RD TSP	+6.99
34	64	2/93 RFO	Bobbin	NQI		0.43	12TH TSP	+8.64
		2/93 RFO	Bobbin	ODI	16	0.38	12TH TSP	+9.73
24	65	2/93 RFO	Bobbin	ADS		4.28	10TH TSP	+4.14
		2/93 RFO	Bobbin	NQI		1.83	18TH TSP	+3.92
		2/93 RFO	C/L Special Int	VOL		0.35	10TH TSP	+3.79
		2/93 RFO	C/L Special Int	VOL		0.57	18TH TSP	+3.90
24	66	2/93 RFO	Bobbin	ADS		1.13	15TH TSP	+2.10
		2/93 RFO	Bobbin	NQI		0.68	17TH TSP	+11.83
		2/93 RFO	C/L Special Int	VOL		0.19	17TH TSP	+11.54
24	90	2/93 RFO	Bobbin	ODI	5	0.98	11TH TSP	+36.65
		2/93 RFO	C/L Special Int	VOL		0.22	10TH TSP	-6.45
		2/93 RFO	C/L Special Int	VOL		0.22	10TH TSP	-7.91
24	106	2/93 RFO	Bobbin	ODI	14	1.87	7TH TSP	+41.06
25	14	2/93 RFO	H/L Tubesheet	VOL		0.30	TTS-HL	+4.26
25	18	2/93 RFO	Bobbin	ADS		2.03	17TH TSP	+1.37 to +4.55
		2/93 RFO	C/L Special Int	VOL		0.41	17TH TSP	+1.37 to +4.55
25	25	2/93 RFO	Bobbin	ODI	12	0.84	5TH TSP	+24.16
25	38	2/93 RFO	Bobbin	ADS		5.05	TTS-HL	+4.19
		2/93 RFO	H/L Special Int	VOL		0.42	TTS-HL	+4.16
25	40	2/93 RFO	Bobbin	NQI		0.78	1AVB	-0.34
		2/93 RFO	H/L Special Int	VOL		0.32	1AVB	-0.58
25	43	2/93 RFO	Bobbin	ADS		3.01	15TH TSP	+6.55
		2/93 RFO	C/L Special Int	VOL		0.24	15TH TSP	+5.99
25	45	2/93 RFO	Bobbin	ADS		9.49	7TH TSP	+14.91
25	50	2/93 RFO	Bobbin	ADS		3.12	12TH TSP	+23.33
		2/93 RFO	C/L Special Int	VOL		0.25	12TH TSP	+22.97
25	52	2/93 RFO	Bobbin	ADS		5.55	10TH TSP	+11.86
		2/93 RFO	C/L Special Int	VOL		0.27	10TH TSP	+11.17
25	56	2/93 RFO	H/L Tubesheet	VOL		0.29	TTS-HL	+1.57
25	64	2/93 RFO	Bobbin	ADS		3.27	4TH TSP	+32.88
25	75	2/93 RFO	Bobbin	ODI	24	0.71	2ND TSP	+32.05
25	79	2/93 RFO	Bobbin	NQI		1.37	1ST TSP	+25.51
		2/93 RFO	Bobbin	ADS		2.48	15TH TSP	+10.11
		2/93 RFO	H/L Special Int	VOL		0.77	2ND TSP	-2.62
		2/93 RFO	C/L Special Int	VOL		0.15	15TH TSP	+9.76
25	83	2/93 RFO	Bobbin	NQI		0.85	7TH TSP	+13.92
		2/93 RFO	Bobbin	ADS		2.23	12TH TSP	+9.10
		2/93 RFO	H/L Special Int	VOL		0.54	7TH TSP	+13.80
25	88	2/93 RFO	Bobbin	ADS		3.24	1ST TSP	+6.14
		2/93 RFO	Bobbin	NQI		0.63	8TH TSP	+1.28
25	90	2/93 RFO	Bobbin	NQI		0.60	6TH TSP	+34.03
		2/93 RFO	H/L Special Int	VOL		0.28	7TH TSP	-9.05
25	104	2/93 RFO	Bobbin	ADS		3.62	1AVB	+16.47
		2/93 RFO	H/L Special Int	VOL		0.48	1AVB	+15.36
25	106	2/93 RFO	Bobbin	ODI	9	1.01	1AVB	+9.86
26	28	2/93 RFO	Bobbin	NQI		1.61	8TH TSP	+2.18
26	32	2/93 RFO	Bobbin	ODI	6	0.78	TTS-CL	+5.83
		2/93 RFO	C/L Special Int	VOL		0.10	TTS-CL	+3.78
		2/93 RFO	C/L Special Int	VOL		0.10	TTS-CL	+5.89
26	56	2/93 RFO	Bobbin	ODI	1	1.80	13TH TSP	+14.67
		2/93 RFO	C/L Special Int	VOL		0.34	13TH TSP	+14.53
26	59	2/93 RFO	Bobbin	ADS		3.18	14TH TSP	+10.19
		2/93 RFO	Bobbin	ADS		3.66	11TH TSP	+19.96
		2/93 RFO	Bobbin	ADS		3.75	10TH TSP	+12.22
		2/93 RFO	C/L Special Int	VOL		0.18	11TH TSP	+19.14

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
26	63	2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+10.94
		2/93 RFO	Bobbin	ADS		5.00	14TH TSP	+4.37
		2/93 RFO	C/L Special Int	VOL		0.20	14TH TSP	+6.19
26	65	2/93 RFO	Bobbin	ADS		3.65	4TH TSP	+39.02
		2/93 RFO	Bobbin	ODI	20	0.53	7TH TSP	+24.74
26	66	2/93 RFO	Bobbin	ADS		8.89	3RD TSP	+20.75
		2/93 RFO	Bobbin	ODI	10	0.48	7TH TSP	+27.51
26	67	2/93 RFO	Bobbin	NQI		0.49	16TH TSP	+9.18
26	72	2/93 RFO	Bobbin	NQI		2.01	13TH TSP	+12.26
		2/93 RFO	C/L Special Int	VOL		0.59	13TH TSP	+13.15
26	73	2/93 RFO	Bobbin	NQI		0.59	8TH TSP	+1.49
26	75	2/93 RFO	Bobbin	NQI		0.78	8TH TSP	+1.64
		2/93 RFO	Bobbin	ODI	1	1.30	10TH TSP	+44.08
26	77	2/93 RFO	Bobbin	ODI	10	0.43	7TH TSP	+26.68
26	90	2/93 RFO	Bobbin	ODI	16	0.56	7TH TSP	+33.68
26	91	2/93 RFO	Bobbin	NQI		0.38	7TH TSP	+37.76
26	100	2/93 RFO	Bobbin	NQI		0.61	1ST TSP	+22.09
		2/93 RFO	Bobbin	ODI	31	0.89	4TH TSP	+3.08
26	101	2/93 RFO	Bobbin	ODI	5	1.39	TTS-CL	+3.23
27	9	2/93 RFO	Bobbin	WAR	27	1.62	2AVB	+0.00
27	16	2/93 RFO	Bobbin	ODI	51	1.10	1ST TSP	+17.33
		2/93 RFO	H/L Special Int	VOL		0.29	1ST TSP	+16.69
27	24	2/93 RFO	Bobbin	ODI	9	0.95	7TH TSP	+41.12
27	25	2/93 RFO	Bobbin	ADS		8.94	18TH TSP	+12.97
27	60	2/93 RFO	Bobbin	ODI	13	2.22	7TH TSP	+8.95
27	64	2/93 RFO	Bobbin	ODI	20	0.92	10TH TSP	+35.82
27	65	2/93 RFO	Bobbin	ODI	23	0.61	7TH TSP	+26.92
27	72	2/93 RFO	Bobbin	NQI		2.16	14TH TSP	+6.77
		2/93 RFO	C/L Special Int	VOL		0.36	14TH TSP	+7.15
27	80	2/93 RFO	Bobbin	ADS		1.99	7TH TSP	+14.11
		2/93 RFO	Bobbin	ADS		3.43	7TH TSP	+24.84
		2/93 RFO	H/L Special Int	VOL		0.39	7TH TSP	+13.95
		2/93 RFO	H/L Special Int	VOL		0.70	7TH TSP	+24.59
27	83	2/93 RFO	Bobbin	ODI	31	0.92	15TH TSP	+15.52
27	98	2/93 RFO	Bobbin	ODI	24	0.72	19TH TSP	+5.11
27	99	2/93 RFO	Bobbin	ADS		2.76	11TH TSP	+40.17
		2/93 RFO	C/L Special Int	VOL		0.29	10TH TSP	-3.39
28	11	2/93 RFO	Bobbin	ODI	3	1.40	4TH TSP	+40.98
		2/93 RFO	Bobbin	ODI	14	1.25	5TH TSP	+36.02
28	27	2/93 RFO	Bobbin	ODI	2	1.73	11TH TSP	+31.16
28	60	2/93 RFO	Bobbin	ODI	20	4.12	18TH TSP	+15.44
28	62	2/93 RFO	Bobbin	ODI	10	1.91	6TH TSP	+38.13
28	72	2/93 RFO	Bobbin	ADS		10.24	11TH TSP	+34.45
		2/93 RFO	Bobbin	NQI		0.47	10TH TSP	+38.31
		2/93 RFO	Bobbin	ODI	3	1.57	10TH TSP	+39.07
		2/93 RFO	C/L Special Int	VOL		0.29	9TH TSP	-6.82
		2/93 RFO	C/L Special Int	VOL		0.40	9TH TSP	-6.21
		2/93 RFO	C/L Special Int	VOL		0.66	10TH TSP	-9.53
28	75	2/93 RFO	Bobbin	NQI		0.83	10TH TSP	+39.28
		2/93 RFO	Bobbin	ADS		4.82	7TH TSP	+16.29 to +40.09
		2/93 RFO	H/L Special Int	VOL		0.82	7TH TSP	+16.13
		2/93 RFO	H/L Special Int	VOL		0.95	7TH TSP	+38.79
28	77	2/93 RFO	Bobbin	ODI	10	1.14	10TH TSP	+35.65
28	82	2/93 RFO	Bobbin	ADS		6.66	13TH TSP	+22.77
		2/93 RFO	C/L Special Int	VOL		0.20	13TH TSP	+21.91
		2/93 RFO	C/L Special Int	VOL		0.24	13TH TSP	+23.69
28	83	2/93 RFO	Bobbin	ODI	5	1.64	12TH TSP	+22.48
		2/93 RFO	Bobbin	ODI	38	0.85	12TH TSP	+23.73
28	87	2/93 RFO	Bobbin	ADS		7.57	1ST TSP	+22.35
		2/93 RFO	Bobbin	ODI	24	1.27	1ST TSP	+10.11
28	91	2/93 RFO	Bobbin	ADS		7.91	3RD TSP	+0.78
		2/93 RFO	Bobbin	NQI		2.02	13TH TSP	+27.29
		2/93 RFO	Bobbin	ADS		4.83	11TH TSP	+6.42 to +7.72
		2/93 RFO	C/L Special Int	VOL		0.42	11TH TSP	+6.93
		2/93 RFO	C/L Special Int	VOL		0.55	13TH TSP	+28.30

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
28	92	2/93 RFO	Bobbin	NQI		0.52	17TH TSP +10.93
		2/93 RFO	Bobbin	NQI		0.97	12TH TSP +33.52
		2/93 RFO	Bobbin	NQI		1.45	12TH TSP +34.84
		2/93 RFO	Bobbin	ODI	27	1.15	11TH TSP +1.33
		2/93 RFO	C/L Special Int	VOL		0.31	11TH TSP -9.83
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP -8.43
		2/93 RFO	C/L Special Int	VOL		0.37	17TH TSP +11.55
		2/93 RFO	C/L Special Int	VOL		0.47	11TH TSP +1.60
28	100	2/93 RFO	Bobbin	NQI		1.60	6TH TSP +3.70
		2/93 RFO	Bobbin	NQI		1.19	14TH TSP +14.43
		2/93 RFO	Bobbin	NQI		1.25	17TH TSP +13.19
		2/93 RFO	Bobbin	ODI	14	0.92	15TH TSP +4.15
		2/93 RFO	H/L Special Int	VOL		0.42	6TH TSP +8.07
		2/93 RFO	C/L Special Int	VOL		0.57	13TH TSP -3.24
28	104	2/93 RFO	Bobbin	NQI		0.50	6TH TSP +38.21
		2/93 RFO	H/L Special Int	VOL		0.23	7TH TSP -4.55
28	105	2/93 RFO	Bobbin	WAR	24	0.78	3AVS +0.00
29	32	2/93 RFO	Bobbin	ADS		3.34	1ST TSP +19.14
		2/93 RFO	H/L Special Int	VOL		0.34	2ND TSP -10.58
		2/93 RFO	H/L Special Int	VOL		3.03	2ND TSP -10.29
29	59	2/93 RFO	Bobbin	ODI	7	1.85	18TH TSP +16.39
29	64	2/93 RFO	Bobbin	ODI	7	0.72	14TH TSP +10.72
29	71	2/93 RFO	Bobbin	NQI		0.81	10TH TSP +38.60
		2/93 RFO	Bobbin	ODI	11	0.72	7TH TSP +31.54
		2/93 RFO	Bobbin	ODI	20	0.73	10TH TSP +39.74
29	74	2/93 RFO	Bobbin	ODI	36	1.04	1ST TSP +26.97
29	75	2/93 RFO	Bobbin	ODI	8	1.59	7TH TSP +33.82
29	76	2/93 RFO	Bobbin	NQI		0.48	7TH TSP +15.02
		2/93 RFO	Bobbin	ODI	10	1.76	10TH TSP +36.01
29	85	2/93 RFO	Bobbin	NQI		0.47	15TH TSP +16.72
		2/93 RFO	C/L Special Int	VOL		0.28	14TH TSP -1.06
29	90	2/93 RFO	Bobbin	ODI	6	1.88	13TH TSP +34.57
		2/93 RFO	Bobbin	ODI	20	1.53	11TH TSP +4.08
29	92	2/93 RFO	Bobbin	NQI		0.56	1ST TSP +5.97
		2/93 RFO	Bobbin	ADS		3.33	13TH TSP +7.10
		2/93 RFO	Bobbin	ADS		4.21	15TH TSP +15.38
		2/93 RFO	H/L Special Int	VOL		0.43	1ST TSP +5.69
29	98	2/93 RFO	Bobbin	ADS		2.68	13TH TSP +13.17
		2/93 RFO	Bobbin	NQI		0.92	11TH TSP +34.54
		2/93 RFO	C/L Special Int	VOL		0.16	13TH TSP +13.50
		2/93 RFO	C/L Special Int	VOL		0.52	10TH TSP -8.72
30	30	2/93 RFO	Bobbin	ADS		3.99	4TH TSP +38.25
		2/93 RFO	H/L Special Int	VOL		0.43	5TH TSP -5.13
30	39	2/93 RFO	Bobbin	ODI	16	1.82	10TH TSP +27.72
		2/93 RFO	C/L Special Int	VOL		1.01	10TH TSP +27.72
30	41	2/93 RFO	Bobbin	ADS		2.55	16TH TSP +5.32
		2/93 RFO	Bobbin	ADS		3.34	16TH TSP +13.37
		2/93 RFO	Bobbin	ADS		5.36	16TH TSP +1.56
		2/93 RFO	Bobbin	ADS		3.87	6TH TSP +10.71 to +24.20
		2/93 RFO	Bobbin	ADS		7.95	17TH TSP +14.53 to +16.92
		2/93 RFO	H/L Special Int	VOL		0.24	6TH TSP +19.37
		2/93 RFO	H/L Special Int	VOL		0.26	6TH TSP +15.46
		2/93 RFO	H/L Special Int	VOL		0.28	6TH TSP +10.32
		2/93 RFO	H/L Special Int	VOL		0.36	6TH TSP +12.01
		2/93 RFO	H/L Special Int	VOL		0.47	6TH TSP +22.70
		2/93 RFO	H/L Special Int	VOL		0.48	6TH TSP +21.55
		2/93 RFO	C/L Special Int	VOL		0.19	16TH TSP +4.16
		2/93 RFO	C/L Special Int	VOL		0.31	16TH TSP +5.24
		2/93 RFO	C/L Special Int	VOL		0.43	16TH TSP +12.84
		2/93 RFO	C/L Special Int	VOL		0.49	16TH TSP +1.28
		2/93 RFO	C/L Special Int	VOL		0.60	16TH TSP -1.28
30	47	2/93 RFO	Bobbin	NQI		0.93	9TH TSP +0.58
30	54	2/93 RFO	Bobbin	ADS		6.75	14TH TSP +9.73
		2/93 RFO	Bobbin	ODI	15	2.10	5TH TSP +2.43
		2/93 RFO	C/L Special Int	VOL		0.38	14TH TSP +9.71

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
30	59	2/93 RFO	Bobbin	ODI	3	1.44	10TH TSP	+1.92
30	63	2/93 RFO	Bobbin	ADS		5.10	6TH TSP	+13.27
		2/93 RFO	H/L Special Int	VOL		0.27	6TH TSP	+14.13
30	69	2/93 RFO	Bobbin	ODI	1	0.88	14TH TSP	+14.63
30	72	2/93 RFO	Bobbin	ADS		4.61	12TH TSP	+19.53
		2/93 RFO	Bobbin	ODI	1	1.46	5TH TSP	+10.97
		2/93 RFO	C/L Special Int	VOL		0.35	12TH TSP	+20.11
30	75	2/93 RFO	Bobbin	ODI	2	2.47	11TH TSP	+14.67
30	81	2/93 RFO	Bobbin	ODI	1	0.96	11TH TSP	+19.72
		2/93 RFO	Bobbin	ODI	7	1.26	11TH TSP	+35.59
30	84	2/93 RFO	Bobbin	ADS		5.23	10TH TSP	+13.17
30	85	2/93 RFO	Bobbin	ADS		3.15	11TH TSP	+5.99
30	87	2/93 RFO	Bobbin	ADS		4.74	2ND TSP	+4.85
		2/93 RFO	H/L Special Int	VOL		0.77	2ND TSP	+5.17
30	93	2/93 RFO	Bobbin	ODI	1	1.58	16TH TSP	-0.82
		2/93 RFO	Bobbin	ODI	2	1.29	16TH TSP	+3.54
		2/93 RFO	Bobbin	ODI	3	0.83	16TH TSP	+2.85
		2/93 RFO	C/L Special Int	VOL		0.34	16TH TSP	+1.47
31	24	2/93 RFO	Bobbin	ODI	16	0.82	TTS-CL	+5.67
31	27	2/93 RFO	Bobbin	NQI		0.69	1ST TSP	+9.07
		2/93 RFO	H/L Special Int	VOL		0.21	1ST TSP	+7.96
		2/93 RFO	H/L Special Int	VOL		0.56	1ST TSP	+8.62
31	44	2/93 RFO	Bobbin	NQI		0.51	3RD TSP	+10.83
		2/93 RFO	H/L Special Int	VOL		0.33	3RD TSP	+11.29
31	46	2/93 RFO	Bobbin	NQI		0.67	8TH TSP	-1.08
31	49	2/93 RFO	Bobbin	ODI	23	1.62	9TH TSP	+4.30
		2/93 RFO	C/L Special Int	VOL		0.48	9TH TSP	+3.32
31	63	2/93 RFO	Bobbin	ADS		4.50	10TH TSP	+23.67
		2/93 RFO	C/L Special Int	VOL		0.18	10TH TSP	+22.43
31	66	2/93 RFO	Bobbin	ADS		4.22	10TH TSP	+39.65
31	77	2/93 RFO	H/L Tubesheet	SAI		0.91	TTS-HL	-1.50
32	12	2/93 RFO	Bobbin	WAR	29	2.30	4AVB	+0.00
		2/93 RFO	Bobbin	WAR	29	2.40	3AVB	+0.00
32	43	2/93 RFO	Bobbin	ODI	9	0.51	11TH TSP	+20.26
32	45	2/93 RFO	Bobbin	NQI		0.55	10TH TSP	+22.59
		2/93 RFO	C/L Special Int	VOL		0.52	10TH TSP	+22.59
32	46	2/93 RFO	Bobbin	ADS		1.38	7TH TSP	+1.02 to +3.67
		2/93 RFO	Bobbin	ADS		9.29	6TH TSP	+39.31 to +41.10
32	47	2/93 RFO	Bobbin	NQI		1.67	1AVB	+14.33
		2/93 RFO	H/L Special Int	VOL		0.76	1AVB	+13.28
32	59	2/93 RFO	Bobbin	ADS		2.98	7TH TSP	+15.99
32	60	2/93 RFO	Bobbin	ODI	11	0.46	14TH TSP	+13.84
32	65	2/93 RFO	Bobbin	ODI	12	1.81	10TH TSP	+13.61
32	67	2/93 RFO	Bobbin	ODI	1	2.04	1ST TSP	+12.08
32	71	2/93 RFO	Bobbin	NQI		0.42	12TH TSP	+21.75
		2/93 RFO	Bobbin	ODI	11	0.68	12TH TSP	+22.85
32	73	2/93 RFO	Bobbin	ODI	26	0.48	12TH TSP	+33.89
32	82	2/93 RFO	Bobbin	NQI		0.40	12TH TSP	+21.39
32	83	2/93 RFO	Bobbin	ODI	12	0.99	10TH TSP	+41.78
32	84	2/93 RFO	Bobbin	ADS		6.51	1ST TSP	+24.20
		2/93 RFO	H/L Special Int	VOL		0.21	1ST TSP	+23.23
32	85	2/93 RFO	Bobbin	ADS		2.60	10TH TSP	+43.61
32	86	2/93 RFO	Bobbin	ODI	11	2.61	4AVB	+7.43
32	90	2/93 RFO	Bobbin	ODI	13	1.03	7TH TSP	+37.57
32	91	2/93 RFO	Bobbin	ODI	1	1.83	6TH TSP	+28.91
32	92	2/93 RFO	Bobbin	ADS		7.03	7TH TSP	+37.11
		2/93 RFO	H/L Special Int	VOL		0.28	8TH TSP	-4.41
32	93	2/93 RFO	Bobbin	ODI	11	0.96	5TH TSP	+25.35
32	94	2/93 RFO	Bobbin	ADS		3.88	7TH TSP	+30.48
32	103	2/93 RFO	Bobbin	ADS		3.09	19TH TSP	+1.27
		2/93 RFO	C/L Special Int	VOL		0.17	19TH TSP	+1.23
33	17	2/93 RFO	Bobbin	NQI		0.71	1ST TSP	+27.08
		2/93 RFO	Bobbin	NQI		1.49	2ND TSP	+2.41
33	24	2/93 RFO	Bobbin	NQI		0.58	9TH TSP	+1.32
		2/93 RFO	Bobbin	NQI		0.63	4TH TSP	+7.45 to +13.14

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin	NQI		0.37	12TH TSP +8.87 to +14.01
		2/93 RFO	Bobbin	NQI		0.80	13TH TSP +9.11 to +13.65
		2/93 RFO	C/L Special Int	VOL		0.19	12TH TSP +15.49
		2/93 RFO	C/L Special Int	VOL		0.21	12TH TSP +13.58
		2/93 RFO	C/L Special Int	VOL		0.23	12TH TSP +8.94
		2/93 RFO	C/L Special Int	VOL		0.40	13TH TSP +12.68
		2/93 RFO	C/L Special Int	VOL		0.56	12TH TSP +11.84
33	45	2/93 RFO	Bobbin	ADS		5.05	16TH TSP +15.09
		2/93 RFO	C/L Special Int	VOL		0.52	15TH TSP -3.35
33	49	2/93 RFO	Bobbin	ADS		9.69	1ST TSP +11.87
		2/93 RFO	H/L Special Int	VOL		1.41	1ST TSP +11.07
33	65	2/93 RFO	Bobbin	ADS		7.97	2ND TSP +13.04
		2/93 RFO	H/L Special Int	VOL		0.82	2ND TSP +12.78
33	66	2/93 RFO	Bobbin	ADS		4.42	11TH TSP +20.71
		2/93 RFO	C/L Special Int	VOL		0.41	11TH TSP +20.85
33	68	2/93 RFO	Bobbin	ODI	13	1.09	10TH TSP +39.04
33	76	2/93 RFO	Bobbin	ODI	1	0.98	11TH TSP +6.76
33	87	2/93 RFO	Bobbin	ODI	13	1.07	10TH TSP +11.63
33	90	2/93 RFO	Bobbin	ADS		4.45	17TH TSP +3.45
33	94	2/93 RFO	Bobbin	ODI	1	1.08	10TH TSP +40.73
34	15	2/93 RFO	Bobbin	NQI		0.63	9TH TSP +1.14
34	20	2/93 RFO	Bobbin	ADS		1.29	6TH TSP +9.69
		2/93 RFO	Bobbin	ADS		1.35	5TH TSP +3.38
		2/93 RFO	Bobbin	ADS		1.99	7TH TSP +37.62
		2/93 RFO	Bobbin	NQI		0.48	9TH TSP +1.37
		2/93 RFO	Bobbin	NQI		0.72	14TH TSP +3.83
		2/93 RFO	Bobbin	NQI		0.86	10TH TSP +6.13
		2/93 RFO	H/L Special Int	VOL		0.17	6TH TSP +9.65
		2/93 RFO	H/L Special Int	VOL		0.31	8TH TSP -5.78
		2/93 RFO	H/L Special Int	VOL		0.37	8TH TSP -5.29
		2/93 RFO	H/L Special Int	VOL		0.42	5TH TSP +3.47
		2/93 RFO	C/L Special Int	VOL		0.29	14TH TSP +4.10
		2/93 RFO	C/L Special Int	VOL		0.57	10TH TSP +6.20
34	22	2/93 RFO	Bobbin	ODI	22	0.46	10TH TSP +4.00
34	24	2/93 RFO	Bobbin	ODI	26	1.44	9TH TSP +1.50
34	28	2/93 RFO	Bobbin	NQI		0.32	13TH TSP +19.09
		2/93 RFO	Bobbin	NQI		0.40	13TH TSP +27.09
		2/93 RFO	Bobbin	NQI		0.41	13TH TSP +32.24
		2/93 RFO	Bobbin	NQI		0.45	13TH TSP +25.03
		2/93 RFO	C/L Special Int	VOL		0.29	12TH TSP -10.86
		2/93 RFO	C/L Special Int	VOL		0.34	12TH TSP -23.97
		2/93 RFO	C/L Special Int	VOL		0.35	12TH TSP -18.22
		2/93 RFO	C/L Special Int	VOL		0.36	12TH TSP -15.99
34	33	2/93 RFO	Bobbin	ADS		8.48	2AVB +2.40
		2/93 RFO	H/L Special Int	VOL		0.63	2AVB +2.35
34	53	2/93 RFO	Bobbin	ODI	9	1.37	9TH TSP +1.54
		2/93 RFO	Bobbin	ODI	10	0.47	13TH TSP +13.16
34	54	2/93 RFO	Bobbin	ADS		3.14	13TH TSP +16.06
34	61	2/93 RFO	Bobbin	ADS		4.60	10TH TSP +38.47
		2/93 RFO	Bobbin	ODI	1	2.15	10TH TSP +36.86
34	68	2/93 RFO	Bobbin	NQI		1.50	11TH TSP +5.52
		2/93 RFO	C/L Special Int	VOL		0.62	11TH TSP +6.13
34	72	2/93 RFO	Bobbin	ADS		2.24	3RD TSP +20.82
		2/93 RFO	Bobbin	ADS		2.58	3RD TSP +22.11
		2/93 RFO	Bobbin	ADS		4.45	18TH TSP +8.31
		2/93 RFO	Bobbin	NQI		0.57	10TH TSP +38.24
		2/93 RFO	Bobbin	ODI	23	0.68	10TH TSP +8.75
		2/93 RFO	H/L Special Int	VOL		0.22	4TH TSP -15.41
		2/93 RFO	H/L Special Int	VOL		0.25	4TH TSP -13.89
		2/93 RFO	C/L Special Int	VOL		0.32	18TH TSP +8.16
34	86	2/93 RFO	Bobbin	ODI	1	2.62	18TH TSP +11.95
34	87	2/93 RFO	Bobbin	ODI	1	3.47	12TH TSP +20.14
34	88	2/93 RFO	Bobbin	ODI	20	0.94	10TH TSP +11.63
35	24	2/93 RFO	Bobbin	NQI		1.44	10TH TSP +6.05
		2/93 RFO	Bobbin	ODI	36	0.67	4TH TSP +10.01

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IMD	%TW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int	VOL		0.44	10TH TSP +6.43
35	27	2/93 RFO	Bobbin	ODI	10	0.85	1ST TSP +16.39
35	30	2/93 RFO	Bobbin	ADS		4.05	8TH TSP +14.38
35	32	2/93 RFO	Bobbin	ADS		3.28	3RD TSP +8.53
		2/93 RFO	H/L Special Int	VOL		0.53	3RD TSP +8.40
35	40	2/93 RFO	Bobbin	ADS		2.74	1AVB +8.47
		2/93 RFO	Bobbin	ADS		4.37	2AVB +1.00
		2/93 RFO	Bobbin	NQI		1.04	7TH TSP +32.75
		2/93 RFO	H/L Special Int	VOL		1.02	2AVB +1.17
35	41	2/93 RFO	Bobbin	NQI		0.61	11TH TSP +33.87
35	50	2/93 RFO	Bobbin	ODI	20	0.33	11TH TSP +23.73
35	56	2/93 RFO	Bobbin	NQI		2.00	8TH TSP +1.93
35	62	2/93 RFO	Bobbin	ADS		3.47	7TH TSP +33.95
		2/93 RFO	Bobbin	ODI	7	1.18	10TH TSP +33.88
35	64	2/93 RFO	Bobbin	ADS		1.07	2ND TSP +21.27
		2/93 RFO	Bobbin	ADS		5.56	2ND TSP +19.83
		2/93 RFO	Bobbin	ADS		6.12	2ND TSP +17.94
		2/93 RFO	Bobbin	ADS		6.39	2ND TSP +22.46
		2/93 RFO	H/L Special Int	VOL		0.50	2ND TSP +19.81
		2/93 RFO	H/L Special Int	VOL		0.69	2ND TSP +16.42
		2/93 RFO	H/L Special Int	VOL		0.77	2ND TSP +21.35
35	65	2/93 RFO	Bobbin	ODI	6	0.73	1ST TSP +17.11
		2/93 RFO	H/L Tubesheet	VOL		0.36	TTS-HL +1.34
35	74	2/93 RFO	Bobbin	ODI	13	0.88	10TH TSP +39.53
35	79	2/93 RFO	Bobbin	ODI	1	1.06	16TH TSP +1.52
		2/93 RFO	Bobbin	ODI	2	0.94	12TH TSP +25.17
		2/93 RFO	Bobbin	ODI	7	0.69	15TH TSP +2.51
35	80	2/93 RFO	Bobbin	ODI	19	0.67	17TH TSP +7.63
35	81	2/93 RFO	Bobbin	ADS		3.34	11TH TSP +18.65
		2/93 RFO	Bobbin	ODI	14	1.29	5TH TSP +9.49
35	87	2/93 RFO	Bobbin	ODI	6	1.94	5TH TSP +13.69
35	89	2/93 RFO	Bobbin	ODI	2	2.60	7TH TSP +3.11
35	91	2/93 RFO	Bobbin	ODI	13	1.98	1ST TSP +25.56
35	96	2/93 RFO	Bobbin	ADS		3.07	12TH TSP +7.96
		2/93 RFO	Bobbin	ADS		5.62	17TH TSP +15.90
35	97	2/93 RFO	Bobbin	NQI		0.99	8TH TSP +2.34
36	21	2/93 RFO	Bobbin	ODI	10	0.99	10TH TSP +35.76
36	24	2/93 RFO	Bobbin	ODI	16	0.39	11TH TSP +25.86
		2/93 RFO	C/L Special Int	VOL		0.28	11TH TSP +25.90
36	25	2/93 RFO	Bobbin	ODI	4	0.50	12TH TSP +23.18
36	39	2/93 RFO	Bobbin	NQI		0.53	1ST TSP -1.30
		2/93 RFO	H/L Special Int	VOL		0.23	1ST TSP -1.31
36	40	2/93 RFO	Bobbin	ADS		3.89	12TH TSP -5.44
		2/93 RFO	Bobbin	ADS		5.20	12TH TSP +12.64
		2/93 RFO	Bobbin	ADS		9.56	12TH TSP +17.73
		2/93 RFO	Bobbin	NQI		0.93	11TH TSP -1.67
		2/93 RFO	Bobbin	ODI	16	0.92	13TH TSP +40.47
		2/93 RFO	C/L Special Int	VOL		0.16	12TH TSP -5.80
		2/93 RFO	C/L Special Int	VOL		0.23	11TH TSP -1.48
		2/93 RFO	C/L Special Int	VOL		0.23	12TH TSP +5.31
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP +17.86
		2/93 RFO	C/L Special Int	VOL		0.39	12TH TSP +12.41
		2/93 RFO	C/L Special Int	VOL		0.51	12TH TSP -2.41
36	54	2/93 RFO	Bobbin	ODI	22	0.52	11TH TSP +14.00
36	85	2/93 RFO	Bobbin	NQI		0.29	10TH TSP +26.47
		2/93 RFO	Bobbin	NQI		0.33	10TH TSP +42.82
		2/93 RFO	Bobbin	NQI		0.36	10TH TSP +31.06
		2/93 RFO	Bobbin	NQI		0.38	10TH TSP +27.73
		2/93 RFO	Bobbin	NQI		0.41	10TH TSP +23.58
		2/93 RFO	Bobbin	NQI		0.50	10TH TSP +44.02
		2/93 RFO	Bobbin	NQI		0.60	10TH TSP +32.25
		2/93 RFO	Bobbin	ODI	3	1.36	7TH TSP +37.61
		2/93 RFO	Bobbin	ODI	16	2.22	8TH TSP +1.99
		2/93 RFO	H/L Special Int	VOL		0.38	8TH TSP +1.82
36	90	2/93 RFO	Bobbin	ODI	4	1.08	12TH TSP +19.92

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
37	26	2/93 RFO	Bobbin	ODI	22	1.63	9TH TSP	+1.43
37	40	2/93 RFO	Bobbin	ODI	16	1.34	11TH TSP	+5.63
37	45	2/93 RFO	Bobbin	ODI	36	1.43	9TH TSP	+1.25
37	53	2/93 RFO	Bobbin	ODI	6	1.85	10TH TSP	+16.34
		2/93 RFO	Bobbin	ODI	15	1.42	11TH TSP	+1.14
37	54	2/93 RFO	Bobbin	ODI	14	2.03	9TH TSP	+1.83
37	61	2/93 RFO	Bobbin	NQI		0.59	2AVB	+4.10
		2/93 RFO	Bobbin	ADS		6.00	13TH TSP	+34.95
		2/93 RFO	Bobbin	NQI		0.57	11TH TSP	+39.91
		2/93 RFO	Bobbin	NQI		0.57	11TH TSP	+41.18
		2/93 RFO	Bobbin	NQI		0.66	11TH TSP	+27.00
		2/93 RFO	Bobbin	NQI		1.80	11TH TSP	+39.18
		2/93 RFO	C/L Special Int	VOL		0.39	12TH TSP	-8.05
37	68	2/93 RFO	Bobbin	NQI		1.48	12TH TSP	+28.77
		2/93 RFO	C/L Special Int	VOL		0.33	12TH TSP	+28.04
37	77	2/93 RFO	Bobbin	NQI		0.82	10TH TSP	+11.43
		2/93 RFO	Bobbin	ODI	1	4.23	2ND TSP	+9.36
		2/93 RFO	Bobbin	ODI	4	1.40	4TH TSP	+3.10
		2/93 RFO	Bobbin	ODI	11	0.79	3RD TSP	+11.89
		2/93 RFO	Bobbin	ODI	1	1.69	18TH TSP	+6.78
		2/93 RFO	H/L Special Int	VOL		0.30	4TH TSP	+2.87
		2/93 RFO	H/L Special Int	VOL		0.54	2ND TSP	+9.60
37	92	2/93 RFO	Bobbin	ODI	3	1.23	7TH TSP	+26.47
37	95	2/93 RFO	Bobbin	ODI	1	1.53	1ST TSP	+25.23
		2/93 RFO	Bobbin	ODI	1	2.02	1ST TSP	+15.68
		2/93 RFO	Bobbin	ODI	2	2.60	1ST TSP	+20.34
		2/93 RFO	Bobbin	ODI	9	3.39	5TH TSP	+24.58
		2/93 RFO	Bobbin	ODI	14	0.57	2ND TSP	-0.81
37	98	2/93 RFO	Bobbin	ODI	2	2.03	4AVB	+17.17
37	99	2/93 RFO	Bobbin	ODI	11	3.92	2AVB	+6.22
38	27	2/93 RFO	Bobbin	ODI	13	1.94	11TH TSP	+25.73
38	39	2/93 RFO	Bobbin	ODI	15	1.27	17TH TSP	+5.91
		2/93 RFO	Bobbin	ODI	33	0.59	10TH TSP	+28.40
38	63	2/93 RFO	Bobbin	NQI		1.01	2ND TSP	+11.36
38	74	2/93 RFO	Bobbin	ADS		9.88	4AVB	-6.58
38	86	2/93 RFO	Bobbin	ADS		3.71	16TH TSP	+6.00
38	88	2/93 RFO	Bobbin	ADS		11.36	4AVB	-13.44
		2/93 RFO	Bobbin	ODI	7	1.15	16TH TSP	+8.81
38	90	2/93 RFO	Bobbin	ODI	14	4.65	19TH TSP	+5.09
38	92	2/93 RFO	Bobbin	ODI	1	0.85	7TH TSP	-1.30
38	94	2/93 RFO	Bobbin	ADS		6.39	3AVB	+16.38
		2/93 RFO	Bobbin	ODI	25	1.12	4TH TSP	+12.64
38	96	2/93 RFO	Bobbin	NQI		0.67	1AVB	+12.64
		2/93 RFO	Bobbin	ADS		5.15	10TH TSP	+27.91
		2/93 RFO	C/L Special Int	VOL		0.21	10TH TSP	+26.04
38	97	2/93 RFO	Bobbin	ADS		3.22	10TH TSP	+12.58
		2/93 RFO	Bobbin	ADS		3.53	12TH TSP	+24.50
		2/93 RFO	Bobbin	ADS		4.24	10TH TSP	+38.56
		2/93 RFO	Bobbin	ADS		4.34	12TH TSP	+12.21
		2/93 RFO	C/L Special Int	VOL		0.12	10TH TSP	+38.20
		2/93 RFO	C/L Special Int	VOL		0.12	12TH TSP	+24.52
		2/93 RFO	C/L Special Int	VOL		0.15	12TH TSP	+12.23
38	99	2/93 RFO	Bobbin	WAR	24	6.11	4AVB	+0.00
39	46	2/93 RFO	Bobbin	NQI		1.55	8TH TSP	+27.81
		2/93 RFO	H/L Special Int	VOL		0.68	8TH TSP	+26.65
39	55	2/93 RFO	Bobbin	ODI	11	2.21	4TH TSP	+23.82
39	60	2/93 RFO	Bobbin	NQI		1.24	18TH TSP	+3.19
39	62	2/93 RFO	Bobbin	NQI		1.24	13TH TSP	+15.35
		2/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+14.96
39	63	2/93 RFO	H/L Tubesheet	VOL		0.12	TTS-HL	+0.87
39	67	2/93 RFO	Bobbin	NQI		0.49	11TH TSP	+39.92
		2/93 RFO	Bobbin	NQI		0.62	10TH TSP	+16.74
		2/93 RFO	Bobbin	NQI		0.83	13TH TSP	+7.46
		2/93 RFO	Bobbin	NQI		0.84	10TH TSP	+18.06
		2/93 RFO	Bobbin	ODI	68	0.59	9TH TSP	+1.47

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
		2/93 RFO	C/L Special Int	VOL		0.18	10TH TSP	-2.86
		2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	+15.24
		2/93 RFO	C/L Special Int	VOL		0.43	13TH TSP	+7.06
39	68	2/93 RFO	Bobbin	ADS		2.02	14TH TSP	+5.46
39	69	2/93 RFO	Bobbin	ODI	33	1.83	4AVB	+11.52
39	71	2/93 RFO	Bobbin	ADS		0.83	12TH TSP	+2.13
		2/93 RFO	Bobbin	ODI	62	0.57	8TH TSP	+1.37
		2/93 RFO	C/L Special Int	VOL		0.19	12TH TSP	+2.98
39	73	2/93 RFO	Bobbin	NQI		0.41	10TH TSP	+39.15
39	74	2/93 RFO	Bobbin	ODI	9	1.27	TTS-CL	+5.12
		2/93 RFO	Bobbin	ODI	9	0.91	12TH TSP	+20.10
		2/93 RFO	C/L Special Int	VOL		0.33	TTS-CL	+4.60
39	75	2/93 RFO	Bobbin	NQI		0.94	3AVB	-12.66
		2/93 RFO	Bobbin	ODI	42	1.04	3AVB	-15.88
		2/93 RFO	Bobbin	ODI	11	2.63	12TH TSP	+10.86
39	79	2/93 RFO	Bobbin	ODI	7	0.99	15TH TSP	+13.17
39	80	2/93 RFO	Bobbin	ODI	3	1.30	18TH TSP	+13.12
39	83	2/93 RFO	Bobbin	NQI		0.77	2AVB	+18.66
39	96	2/93 RFO	Bobbin	ODI	1	4.12	11TH TSP	-1.13
39	97	2/93 RFO	Bobbin	WAR	12	2.50	4AVB	+0.00
		2/93 RFO	Bobbin	ODI	1	0.77	7TH TSP	+35.90
		2/93 RFO	Bobbin	ODI	4	0.46	7TH TSP	+35.29
39	98	2/93 RFO	Bobbin	NQI		0.33	10TH TSP	+31.75
		2/93 RFO	Bobbin	ODI	1	0.77	10TH TSP	+39.67
		2/93 RFO	Bobbin	ODI	1	0.80	10TH TSP	+37.63
		2/93 RFO	Bobbin	ODI	1	0.88	10TH TSP	+32.85
		2/93 RFO	Bobbin	ODI	1	0.99	10TH TSP	+34.72
40	32	2/93 RFO	Bobbin	ODI	10	1.85	6TH TSP	+32.24
40	38	2/93 RFO	Bobbin	ODI	10	1.10	13TH TSP	+7.13
		2/93 RFO	Bobbin	ODI	24	0.85	12TH TSP	+25.88
		2/93 RFO	C/L Special Int	VOL		0.28	12TH TSP	+26.35
		2/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+7.16
40	39	2/93 RFO	Bobbin	ODI	17	1.55	TTS-CL	+5.79
		2/93 RFO	Bobbin	ODI	7	0.84	19TH TSP	+4.71
40	47	2/93 RFO	Bobbin	WAR	5	0.56	2AVB	-0.18
40	64	2/93 RFO	Bobbin	NQI		0.62	9TH TSP	+0.73
40	69	2/93 RFO	Bobbin	ADS		3.17	5TH TSP	+32.43
		2/93 RFO	Bobbin	NQI		1.96	14TH TSP	+5.01
		2/93 RFO	Bobbin	ODI	1	1.77	7TH TSP	+9.89
		2/93 RFO	Bobbin	ODI	2	1.45	11TH TSP	+20.85
		2/93 RFO	H/L Special Int	VOL		0.30	6TH TSP	-9.48
40	73	2/93 RFO	Bobbin	ODI	27	0.74	2AVB	+17.56
		2/93 RFO	Bobbin	NQI		1.16	11TH TSP	+25.80
		2/93 RFO	H/L Special Int	VOL		0.85	2AVB	+16.36
		2/93 RFO	C/L Special Int	VOL		0.39	11TH TSP	+26.74
40	76	2/93 RFO	Bobbin	ODI	5	1.52	11TH TSP	+29.88
40	77	2/93 RFO	Bobbin	NQI		1.13	9TH TSP	+1.31
40	81	2/93 RFO	Bobbin	ADS		1.77	TTS-HL	+2.65
		2/93 RFO	H/L Special Int	VOL		0.37	TTS-HL	+2.43
40	82	2/93 RFO	Bobbin	NQI		0.57	1AVB	+3.90
		2/93 RFO	Bobbin	NQI		1.00	4AVB	+9.86
40	84	2/93 RFO	Bobbin	NQI		0.52	11TH TSP	+28.94
		2/93 RFO	C/L Special Int	VOL		0.22	11TH TSP	+28.88
40	85	2/93 RFO	Bobbin	ODI	10	2.46	TTS-HL	+1.30
		2/93 RFO	H/L Tubesheet	VOL		0.52	TTS-HL	+1.02
40	88	2/93 RFO	Bobbin	ADS		2.30	10TH TSP	+34.43
		2/93 RFO	Bobbin	ODI	1	1.03	10TH TSP	+26.11
		2/93 RFO	Bobbin	ODI	7	1.12	10TH TSP	+22.06
		2/93 RFO	Bobbin	ODI	27	0.52	10TH TSP	+33.35
40	90	2/93 RFO	Bobbin	ODI	7	3.90	11TH TSP	+26.39
		2/93 RFO	Bobbin	ODI	6	0.58	11TH TSP	+35.42 to +38.96
40	92	2/93 RFO	Bobbin	ODI	27	0.53	7TH TSP	+40.90
40	97	2/93 RFO	Bobbin	ODI	21	1.02	10TH TSP	+37.36
41	44	2/93 RFO	Bobbin	ODI	23	2.95	9TH TSP	+1.90
41	46	2/93 RFO	Bobbin	ODI	21	2.46	9TH TSP	+2.09

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
41	56	2/93 RFO	Bobbin	WAR	31	3.17	4AVB	+0.00
		2/93 RFO	Bobbin	WAR	38	4.99	3AVB	+0.00
		2/93 RFO	Bobbin	WAR	40	5.63	2AVB	+0.03
41	61	2/93 RFO	Bobbin	ADS		3.16	12TH TSP	+31.60
		2/93 RFO	C/L Special Int	VOL		0.27	12TH TSP	+31.98
41	65	2/93 RFO	Bobbin	HQI		0.52	16TH TSP	+1.37
		2/93 RFO	Bobbin	HQI		1.00	18TH TSP	+10.58
		2/93 RFO	Bobbin	HQI		1.05	16TH TSP	+0.93
		2/93 RFO	Bobbin	ODI	69	1.27	10TH TSP	+34.25
		2/93 RFO	C/L Special Int	VOL		0.31	9TH TSP	-11.56
		2/93 RFO	C/L Special Int	HQI		0.22	16TH TSP	-0.07
		2/93 RFO	C/L Special Int	HQI		0.37	16TH TSP	+0.91
		2/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	+10.75
41	68	2/93 RFO	Bobbin	ODI	16	1.28	11TH TSP	+31.38
41	69	2/93 RFO	Bobbin	ODI	15	0.39	4AVB	+8.30
		2/93 RFO	Bobbin	ADS		2.99	6TH TSP	+37.50
		2/93 RFO	Bobbin	ODI	19	0.48	7TH TSP	+13.05
		2/93 RFO	H/L Special Int	VOL		0.17	7TH TSP	+11.55
41	83	2/93 RFO	Bobbin	HQI		1.31	5TH TSP	+32.91
		2/93 RFO	H/L Special Int	VOL		0.42	6TH TSP	-9.12
41	88	2/93 RFO	Bobbin	ODI	1	0.60	11TH TSP	+19.40
41	90	2/93 RFO	Bobbin	ADS		5.12	3RD TSP	+34.11
		2/93 RFO	H/L Special Int	VOL		0.13	4TH TSP	-1.47
41	92	2/93 RFO	Bobbin	ODI	13	0.91	10TH TSP	+26.27
42	51	2/93 RFO	Bobbin	ADS		7.43	11TH TSP	+11.96
		2/93 RFO	Bobbin	ODI	31	1.04	11TH TSP	+30.81
		2/93 RFO	C/L Special Int	VOL		0.74	11TH TSP	+11.87
42	61	2/93 RFO	Bobbin	ODI	29	0.46	6TH TSP	+22.88
		2/93 RFO	Bobbin	ODI	44	1.86	9TH TSP	+1.65
42	68	2/93 RFO	Bobbin	ODI	20	1.18	12TH TSP	+19.88
42	78	2/93 RFO	Bobbin	ADS		2.75	17TH TSP	+9.42
42	89	2/93 RFO	Bobbin	ODI	31	0.68	7TH TSP	+20.92
42	92	2/93 RFO	Bobbin	ODI	43	1.42	18TH TSP	+0.80
		2/93 RFO	C/L Special Int	VOL		0.53	18TH TSP	+2.41
43	22	2/93 RFO	Bobbin	ODI	3	1.15	1ST TSP	+4.22
43	23	2/93 RFO	Bobbin	HQI		1.77	1ST TSP	+3.84
		2/93 RFO	H/L Special Int	VOL		0.42	1ST TSP	+3.42
43	34	2/93 RFO	Bobbin	ADS		13.02	2AVB	+12.73
		2/93 RFO	Bobbin	ODI	31	1.71	3AVB	-4.65
		2/93 RFO	Bobbin	ODI	19	1.30	5TH TSP	+30.06
		2/93 RFO	Bobbin	ODI	38	1.70	2ND TSP	+10.11
		2/93 RFO	Bobbin	ODI	2	1.20	13TH TSP	+3.80
43	37	2/93 RFO	Bobbin	HQI		0.84	1ST TSP	+11.30
		2/93 RFO	H/L Special Int	VOL		0.86	1ST TSP	+11.23
43	55	2/93 RFO	Bobbin	ADS		9.00	16TH TSP	+9.63
		2/93 RFO	C/L Special Int	VOL		0.37	16TH TSP	+9.89
43	59	2/93 RFO	Bobbin	ODI	1	1.35	10TH TSP	+15.48
43	68	2/93 RFO	Bobbin	ODI	2	1.06	10TH TSP	+30.83
43	71	2/93 RFO	Bobbin	HQI		0.03	3RD TSP	+7.62
		2/93 RFO	Bobbin	HQI		1.21	1ST TSP	+24.97
		2/93 RFO	H/L Special Int	VOL		0.39	3RD TSP	+6.66
		2/93 RFO	H/L Special Int	VOL		0.79	2ND TSP	-2.81
43	74	2/93 RFO	Bobbin	HQI		0.55	5TH TSP	+31.46
43	75	2/93 RFO	Bobbin	HQI		0.70	6TH TSP	+26.20
		2/93 RFO	Bobbin	HQI		0.89	6TH TSP	+25.68
43	86	2/93 RFO	Bobbin	ODI	3	1.54	12TH TSP	+7.35
		2/93 RFO	Bobbin	ODI	5	2.13	13TH TSP	+39.70
		2/93 RFO	Bobbin	ODI	7	1.34	13TH TSP	+26.09
		2/93 RFO	Bobbin	ODI	7	1.75	13TH TSP	+28.80
		2/93 RFO	Bobbin	ODI	7	2.28	12TH TSP	+1.34
		2/93 RFO	Bobbin	ODI	9	3.51	12TH TSP	+11.34
		2/93 RFO	Bobbin	ODI	11	3.75	12TH TSP	+10.00
43	91	2/93 RFO	Bobbin	ODI	3	0.92	10TH TSP	+32.84
		2/93 RFO	Bobbin	ODI	40	0.38	10TH TSP	+31.76
44	54	2/93 RFO	H/L Tubesheet	VOL		0.54	TTS-HL	+0.48

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
44	76	2/93 RFO	Bobbin	ADS		2.26	14TH TSP	+5.82
		2/93 RFO	Bobbin	ODI	7	0.64	16TH TSP	+14.25
		2/93 RFO	C/L Special Int	VOL		0.32	14TH TSP	+5.14
44	81	2/93 RFO	Bobbin	WAR	22	5.40	2AVB	+0.00
		2/93 RFO	Bobbin	WAR	22	5.49	3AVB	+0.00
44	87	2/93 RFO	Bobbin	ODI	6	1.98	18TH TSP	+11.06
44	88	2/93 RFO	Bobbin	ODI	10	0.39	16TH TSP	+11.40
45	37	2/93 RFO	Bobbin	ADS		7.47	1ST TSP	+24.20
		2/93 RFO	H/L Special Int	VOL		0.65	2ND TSP	-2.93
45	45	2/93 RFO	Bobbin	ADS		2.74	1ST TSP	+9.55
45	59	2/93 RFO	Bobbin	NQI		0.92	4AVB	-1.70
		2/93 RFO	Bobbin	NQI		0.56	4TH TSP	+8.80
		2/93 RFO	Bobbin	ODI	15	1.19	13TH TSP	+24.35
		2/93 RFO	Bobbin	ODI	32	3.07	13TH TSP	+6.42
		2/93 RFO	C/L Special Int	VOL		0.37	4AVB	-1.32
		2/93 RFO	H/L Special Int	VOL		0.29	4TH TSP	+7.72
45	61	2/93 RFO	Bobbin	NQI		0.27	13TH TSP	+18.48
		2/93 RFO	C/L Special Int	VOL		0.30	13TH TSP	+17.28
45	86	2/93 RFO	Bobbin	ODI	18	4.66	3AVB	+3.27
		2/93 RFO	Bobbin	ODI	1	3.65	4TH TSP	+42.02
		2/93 RFO	Bobbin	ODI	9	0.88	5TH TSP	+35.36
		2/93 RFO	Bobbin	ODI	5	0.83	12TH TSP	+41.48
		2/93 RFO	Bobbin	ODI	7	1.45	11TH TSP	+16.78
		2/93 RFO	Bobbin	ODI	33	0.94	12TH TSP	+40.93
		2/93 RFO	Bobbin	ODI	18	0.82	12TH TSP	+21.67 to +23.50
		2/93 RFO	C/L Special Int	VOL		0.27	11TH TSP	+15.55
45	88	2/93 RFO	Bobbin	ODI	4	1.22	7TH TSP	+36.44
		2/93 RFO	Bobbin	ODI	9	1.31	7TH TSP	+39.06
		2/93 RFO	Bobbin	ODI	14	1.10	2ND TSP	+18.77
46	34	2/93 RFO	Bobbin	NQI		0.47	10TH TSP	+21.68
		2/93 RFO	Bobbin	NQI		0.86	12TH TSP	+11.99
		2/93 RFO	C/L Special Int	VOL		0.61	12TH TSP	+12.03
46	46	2/93 RFO	Bobbin	ADS		3.93	11TH TSP	+39.45
		2/93 RFO	C/L Special Int	VOL		0.35	10TH TSP	-3.41
46	47	2/93 RFO	Bobbin	ADS		2.20	13TH TSP	+24.26
		2/93 RFO	Bobbin	NQI		0.91	13TH TSP	+17.70
46	49	2/93 RFO	Bobbin	NQI		2.10	6TH TSP	+3.18
46	53	2/93 RFO	Bobbin	ADS		4.29	11TH TSP	+15.08
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	+15.26
46	55	2/93 RFO	Bobbin	NQI		0.89	8TH TSP	-1.52
46	59	2/93 RFO	Bobbin	ODI	66	0.99	1ST TSP	+4.30
		2/93 RFO	Bobbin	ODI	25	0.81	13TH TSP	+20.65
		2/93 RFO	H/L Special Int	VOL		0.32	1ST TSP	+3.67
46	75	2/93 RFO	Bobbin	ODI	10	1.40	13TH TSP	+9.45
		2/93 RFO	Bobbin	ODI	10	2.53	5TH TSP	+9.78 to +13.47
		2/93 RFO	H/L Special Int	VOL		0.55	5TH TSP	+12.28
47	28	2/93 RFO	H/L Special Int	VOL		0.57	TTS-HL	+4.01
47	35	2/93 RFO	Bobbin	NQI		0.68	9TH TSP	+1.61
47	37	2/93 RFO	Bobbin	ADS		3.70	5TH TSP	+14.79
		2/93 RFO	H/L Special Int	VOL		0.38	5TH TSP	+13.68
47	39	2/93 RFO	Bobbin	NQI		4.37	1ST TSP	+4.65 / 17TH TSP
47	42	2/93 RFO	Bobbin	ODI	13	6.83	4AVB	+7.63
47	76	2/93 RFO	Bobbin	ODI	32	0.34	9TH TSP	-0.72
47	82	2/93 RFO	Bobbin	ODI	14	0.78	15TH TSP	+26.92
48	29	2/93 RFO	Bobbin	ODI	8	0.80	11TH TSP	+14.51
		2/93 RFO	Bobbin	ODI	20	1.36	11TH TSP	+39.74
		2/93 RFO	Bobbin	ODI	36	0.78	15TH TSP	+20.84
		2/93 RFO	C/L Special Int	VOL		0.16	11TH TSP	+14.49
		2/93 RFO	C/L Special Int	VOL		0.36	15TH TSP	+21.12
		2/93 RFO	C/L Special Int	VOL		0.44	11TH TSP	+39.31
48	34	2/93 RFO	Bobbin	ADS		5.32	4TH TSP	+3.13
		2/93 RFO	H/L Special Int	VOL		0.22	4TH TSP	+2.85
48	37	2/93 RFO	Bobbin	ODI	12	1.79	1AVB	+30.42
48	45	2/93 RFO	Bobbin	NQI		0.57	5TH TSP	+40.88
		2/93 RFO	Bobbin	NQI		1.31	5TH TSP	+13.56

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin			1.15	15TH TSP +32.06
		2/93 RFO	H/L Special Int			0.46	6TH TSP -2.07
		2/93 RFO	H/L Special Int			0.54	5TH TSP +12.36
		2/93 RFO	C/L Special Int			0.43	13TH TSP -5.97
		2/93 RFO	C/L Special Int			0.52	13TH TSP -4.01
48	48	2/93 RFO	Bobbin			3.91	17TH TSP +25.55
		2/93 RFO	Bobbin			4.77	18TH TSP +6.38
		2/93 RFO	Bobbin			1.38	13TH TSP +17.74
		2/93 RFO	C/L Special Int			0.26	18TH TSP +6.42
		2/93 RFO	C/L Special Int			0.62	13TH TSP +17.64
48	50	2/93 RFO	Bobbin			4.91	5TH TSP +17.94
		2/93 RFO	H/L Special Int			0.30	5TH TSP +16.38
48	51	2/93 RFO	Bobbin			3.60	11TH TSP +22.28
		2/93 RFO	Bobbin			3.62	11TH TSP +26.00
		2/93 RFO	C/L Special Int			0.41	11TH TSP +22.36
		2/93 RFO	C/L Special Int			0.65	11TH TSP +26.13
48	53	2/93 RFO	Bobbin			1.48	4TH TSP +10.76
		2/93 RFO	H/L Special Int			0.55	4TH TSP +9.62
48	59	2/93 RFO	Bobbin			0.92	8TH TSP +4.22
		2/93 RFO	Bobbin			1.05	8TH TSP +2.89
		2/93 RFO	Bobbin			0.32	17TH TSP +5.24
		2/93 RFO	Bobbin		10	1.24	8TH TSP +3.50
48	72	2/93 RFO	Bobbin		31	0.33	18TH TSP +6.33
48	75	2/93 RFO	Bobbin		14	0.61	6TH TSP +22.14
		2/93 RFO	H/L Special Int			0.23	6TH TSP +19.59
		2/93 RFO	H/L Special Int			0.23	6TH TSP +22.90
48	76	2/93 RFO	Bobbin		7	1.61	15TH TSP +6.98
		2/93 RFO	Bobbin		10	4.97	10TH TSP +6.79
		2/93 RFO	C/L Special Int			0.15	15TH TSP +6.42
		2/93 RFO	C/L Special Int			0.56	10TH TSP +5.49
48	78	2/93 RFO	Bobbin		5	0.84	3RD TSP +29.89
48	85	2/93 RFO	Bobbin		5	1.56	4TH TSP +21.25
48	86	2/93 RFO	Bobbin			4.97	18TH TSP +13.88
		2/93 RFO	Bobbin			11.99	18TH TSP +5.18
		2/93 RFO	Bobbin		5	1.98	13TH TSP +7.53
		2/93 RFO	Bobbin		17	4.86	11TH TSP +15.59
		2/93 RFO	C/L Special Int			0.45	18TH TSP +5.58
49	39	2/93 RFO	Bobbin			1.85	5TH TSP +6.09
		2/93 RFO	H/L Special Int			0.53	5TH TSP +5.55
49	47	2/93 RFO	Bobbin		31	0.56	15TH TSP +32.06
		2/93 RFO	C/L Special Int			0.44	13TH TSP -3.97
49	50	2/93 RFO	Bobbin			0.61	15TH TSP +20.98
		2/93 RFO	C/L Special Int			0.15	15TH TSP +21.23
49	51	2/93 RFO	Bobbin			0.63	2ND TSP +25.18
		2/93 RFO	Bobbin			0.99	2ND TSP +31.65
		2/93 RFO	Bobbin			0.48	10TH TSP +21.74
		2/93 RFO	Bobbin			3.53	3RD TSP +2.25 to +15.88
		2/93 RFO	H/L Special Int			0.17	3RD TSP +5.17
		2/93 RFO	H/L Special Int			0.17	3RD TSP +6.61
		2/93 RFO	H/L Special Int			0.19	3RD TSP -5.39
		2/93 RFO	H/L Special Int			0.21	3RD TSP +4.35
		2/93 RFO	H/L Special Int			0.24	3RD TSP +13.93
		2/93 RFO	H/L Special Int			0.25	3RD TSP +9.53
		2/93 RFO	H/L Special Int			0.26	3RD TSP +2.31
		2/93 RFO	H/L Special Int			0.29	3RD TSP -3.88
		2/93 RFO	H/L Special Int			0.39	3RD TSP -10.55
		2/93 RFO	C/L Special Int			0.26	10TH TSP +20.37
49	52	2/93 RFO	Bobbin			0.88	15TH TSP +5.01
		2/93 RFO	Bobbin			1.10	15TH TSP +5.87
49	55	2/93 RFO	Bobbin			3.18	7TH TSP +35.03
		2/93 RFO	H/L Special Int			0.67	8TH TSP -8.19
49	59	2/93 RFO	Bobbin		11	2.23	4AVB +23.69
		2/93 RFO	Bobbin		4	1.85	11TH TSP +36.13
49	63	2/93 RFO	Bobbin		7	0.87	15TH TSP +33.40
		2/93 RFO	C/L Special Int			0.29	13TH TSP -2.43

S/G C - ATTACHMENT #3 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND %TW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int	VOL	0.63	13TH TSP -3.37
49	65	2/93 RFO	Bobbin	NQI	0.62	5TH TSP +32.81
		2/93 RFO	Bobbin	NQI	0.49	11TH TSP +16.51
		2/93 RFO	Bobbin	ODI	4 0.94	5TH TSP +35.60
49	69	2/93 RFO	Bobbin	ADS	2.37	12TH TSP +21.63
49	72	2/93 RFO	Bobbin	NQI	0.89	18TH TSP +12.19
		2/93 RFO	Bobbin	ODI	7 0.63	17TH TSP +6.99
49	81	2/93 RFO	Bobbin	ODI	14 0.88	15TH TSP +26.78
49	84	2/93 RFO	Bobbin	ADS	3.70	13TH TSP +18.90

Total Indications Found = 1244
 Total Tubes Found = 574

ATTACHMENT 4

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
1	9	2/93 RFO	Bobbin	NQI		0.29	5TH TSP +13.99
		2/93 RFO	H/L Special Int	VOL		0.52	5TH TSP +13.20
1	16	2/93 RFO	Bobbin	ADS		6.33	13TH TSP +14.85
1	32	2/93 RFO	Bobbin	ADS		2.78	4TH TSP +28.93
		2/93 RFO	Bobbin	ADS		5.82	6TH TSP +26.06
		2/93 RFO	Bobbin	ADS		6.45	5TH TSP +22.77
		2/93 RFO	Bobbin	NQI		0.79	12TH TSP +34.59
		2/93 RFO	Bobbin	ODI	22	1.03	12TH TSP +24.28
		2/93 RFO	Bobbin	ODI	22	2.16	13TH TSP +20.86
		2/93 RFO	H/L Special Int	VOL		0.37	7TH TSP -15.88
		2/93 RFO	H/L Special Int	VOL		0.42	6TH TSP -18.85
		2/93 RFO	C/L Special Int	VOL		0.24	12TH TSP +24.05
		2/93 RFO	C/L Special Int	VOL		0.24	12TH TSP +34.56
1	34	2/93 RFO	Bobbin	ADS		3.86	1ST TSP +19.76
		2/93 RFO	Bobbin	ADS		5.83	3RD TSP +29.40
		2/93 RFO	Bobbin	ADS		6.63	7TH TSP +31.93 to +37.14
		2/93 RFO	H/L Special Int	VOL		0.36	4TH TSP -6.64
		2/93 RFO	H/L Special Int	VOL		0.40	2ND TSP -8.17
		2/93 RFO	H/L Special Int	VOL		0.66	8TH TSP -13.88
1	37	2/93 RFO	Bobbin	ADS		3.08	5TH TSP +34.89
		2/93 RFO	H/L Special Int	VOL		0.41	6TH TSP -8.53
1	39	2/93 RFO	Bobbin	NQI		0.81	12TH TSP +34.86
		2/93 RFO	C/L Special Int	VOL		0.48	12TH TSP +27.99 to +41.54
1	42	2/93 RFO	Bobbin	ADS		5.57	2ND TSP +7.00
		2/93 RFO	Bobbin	ODI	3	1.34	2ND TSP +2.46
1	46	2/93 RFO	Bobbin	ADS		5.31	7TH TSP +13.14 to +41.04
		2/93 RFO	H/L Special Int	VOL		0.44	7TH TSP +29.49
		2/93 RFO	H/L Special Int	VOL		0.63	7TH TSP +11.33
1	59	2/93 RFO	Bobbin	NQI		0.76	12TH TSP +18.21
		2/93 RFO	C/L Special Int	VOL		0.40	12TH TSP +18.06
1	65	2/93 RFO	H/L Tubesheet	VOL		0.61	TTS-HL +1.16
1	66	2/93 RFO	Bobbin	ODI	18	2.82	10TH TSP +33.94
		2/93 RFO	Bobbin	ADS		4.75	11TH TSP +8.72 to +14.55
1	76	2/93 RFO	Bobbin	ADS		2.04	7TH TSP +27.81
1	94	2/93 RFO	Bobbin	ADS		1.61	18TH TSP +13.64 to +19.31
		2/93 RFO	Bobbin	ADS		1.32	18TH TSP +4.05
1	95	2/93 RFO	Bobbin	NQI		0.43	18TH TSP +4.07
		2/93 RFO	C/L Special Int	VOL		0.23	TTS-HL +1.58
1	108	2/93 RFO	H/L Tubesheet	VOL		1.49	TTS-HL +1.24
1	109	2/93 RFO	Bobbin	NQI		1.98	18TH TSP +26.94
1	113	2/93 RFO	Bobbin	ADS		3.01	18TH TSP +17.99
		2/93 RFO	Bobbin	ADS		3.79	16TH TSP +27.89
		2/93 RFO	Bobbin	ADS		5.52	14TH TSP +10.22
		2/93 RFO	Bobbin	ADS		5.96	16TH TSP +18.66
		2/93 RFO	C/L Special Int	VOL		0.23	14TH TSP +10.41
		2/93 RFO	C/L Special Int	VOL		0.30	18TH TSP +17.59
		2/93 RFO	C/L Special Int	VOL		0.43	16TH TSP +18.61
2	1	2/93 RFO	Bobbin	NQI		0.86	14TH TSP +11.41
		2/93 RFO	C/L Special Int	VOL		0.75	14TH TSP +11.41
2	3	2/93 RFO	Bobbin	NQI		0.91	4TH TSP +8.98
		2/93 RFO	Bobbin	NQI		2.47	13TH TSP +25.49
		2/93 RFO	Bobbin	ODI	15	1.62	3RD TSP +27.01
		2/93 RFO	Bobbin	ODI	27	0.72	5TH TSP +31.53
		2/93 RFO	H/L Special Int	VOL		0.30	4TH TSP +8.52
		2/93 RFO	H/L Special Int	VOL		0.49	3RD TSP +27.09
		2/93 RFO	C/L Special Int	VOL		2.38	13TH TSP +25.49
2	7	2/93 RFO	Bobbin	ODI	18	0.90	7TH TSP +18.03
		2/93 RFO	Bobbin	ODI	27	1.10	7TH TSP +16.92
2	27	2/93 RFO	Bobbin	ADS		3.51	1ST TSP +12.93
		2/93 RFO	H/L Special Int	VOL		0.28	1ST TSP +11.31
2	29	2/93 RFO	Bobbin	ADS		2.56	6TH TSP +12.19 to +18.34
		2/93 RFO	H/L Special Int	VOL		0.51	6TH TSP +13.79
2	30	2/93 RFO	Bobbin	NQI		1.12	12TH TSP +7.02
		2/93 RFO	C/L Special Int	VOL		0.32	12TH TSP +7.10
2	35	2/93 RFO	Bobbin	ADS		11.71	1ST TSP +19.96

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.55	1ST TSP +18.13
2	38	2/93 RFO	Bobbin	ODI	4	0.67	16TH TSP +24.44
2	45	2/93 RFO	Bobbin	ADS		3.73	1ST TSP +25.91
		2/93 RFO	H/L Special Int	VOL		0.42	2ND TSP -2.57
2	46	2/93 RFO	Bobbin	NQI		0.71	16TH TSP +10.24
		2/93 RFO	Bobbin	NQI		1.59	16TH TSP +4.63
		2/93 RFO	C/L Special Int	VOL		0.38	16TH TSP +2.60 to +11.38
2	58	2/93 RFO	Bobbin	NQI		0.54	11TH TSP +3.05
2	72	2/93 RFO	Bobbin	ADS		6.63	16TH TSP +29.27
		2/93 RFO	Bobbin	ODI	15	1.14	5TH TSP +14.41
		2/93 RFO	C/L Special Int	VOL		0.33	16TH TSP +29.11
2	91	2/93 RFO	Bobbin	ADS		2.60	7TH TSP +27.78
		2/93 RFO	Bobbin	ODI	7	1.39	10TH TSP +25.53
2	95	2/93 RFO	Bobbin	ADS		3.51	18TH TSP +1.46 to +21.44
2	109	2/93 RFO	Bobbin	ADS		5.13	12TH TSP +21.37
		2/93 RFO	Bobbin	ADS		6.34	19TH TSP +1.91
		2/93 RFO	C/L Special Int	VOL		0.19	12TH TSP +18.00
		2/93 RFO	C/L Special Int	VOL		0.34	12TH TSP +20.38
		2/93 RFO	C/L Special Int	VOL		0.37	19TH TSP +1.51
2	113	2/93 RFO	Bobbin	ADS		6.20	16TH TSP +32.68
		2/93 RFO	C/L Special Int	VOL		0.35	16TH TSP +33.04
3	8	2/93 RFO	Bobbin	ODI	11	0.76	5TH TSP +32.93
3	9	2/93 RFO	Bobbin	NQI		0.81	13TH TSP +34.70
		2/93 RFO	Bobbin	ODI	9	3.29	9TH TSP -8.74
		2/93 RFO	Bobbin	ODI	1	3.62	10TH TSP +36.02
		2/93 RFO	C/L Special Int	VOL		0.88	12TH TSP -7.90
		2/93 RFO	C/L Special Int	VOL		3.47	10TH TSP +37.16
3	13	2/93 RFO	Bobbin	ODI	14	2.91	17TH TSP +13.07
3	24	2/93 RFO	Bobbin	ADS		3.05	2ND TSP +26.54
		2/93 RFO	Bobbin	NQI		0.94	18TH TSP +8.21
		2/93 RFO	Bobbin	ODI	3	0.49	6TH TSP +15.15
		2/93 RFO	H/L Special Int	VOL		0.36	3RD TSP -9.00
		2/93 RFO	H/L Special Int	VOL		0.42	3RD TSP -9.17
		2/93 RFO	C/L Special Int	VOL		0.28	18TH TSP +8.50
3	28	2/93 RFO	Bobbin	ADS		3.65	1ST TSP +19.23
		2/93 RFO	H/L Special Int	VOL		0.29	1ST TSP +18.20
3	29	2/93 RFO	Bobbin	NQI		1.22	12TH TSP +36.01
		2/93 RFO	Bobbin	ODI	10	1.25	11TH TSP +35.68
		2/93 RFO	Bobbin	ODI	28	0.49	10TH TSP +15.24
		2/93 RFO	C/L Special Int	VOL		0.55	11TH TSP -6.93
3	37	2/93 RFO	Bobbin	ADS		2.26	7TH TSP +27.30
		2/93 RFO	Bobbin	NQI		0.40	10TH TSP +26.16
		2/93 RFO	Bobbin	ODI	1	0.99	7TH TSP +25.89
3	56	2/93 RFO	Bobbin	ODI	1	3.34	5TH TSP +24.13
3	76	2/93 RFO	Bobbin	ADS		4.89	10TH TSP +18.43
		2/93 RFO	Bobbin	ODI	18	2.04	10TH TSP +16.64
3	89	2/93 RFO	Bobbin	ODI	6	1.08	10TH TSP +42.04
4	1	2/93 RFO	Bobbin	ODI	9	1.06	8TH TSP -1.18
		2/93 RFO	Bobbin	ODI	2	0.88	10TH TSP +31.17
4	3	2/93 RFO	Bobbin	NQI		0.83	10TH TSP +37.67
		2/93 RFO	Bobbin	ODI	38	1.01	10TH TSP +39.99
4	5	2/93 RFO	Bobbin	ODI	4	1.01	7TH TSP +39.27
4	6	2/93 RFO	Bobbin	NQI		0.40	10TH TSP +22.41
4	9	2/93 RFO	Bobbin	ADS		1.76	10TH TSP +30.05
4	12	2/93 RFO	Bobbin	NQI		0.26	7TH TSP +23.80
		2/93 RFO	Bobbin	NQI		0.73	7TH TSP +34.51
		2/93 RFO	Bobbin	ADS		1.25	10TH TSP +40.07
4	38	2/93 RFO	Bobbin	NQI		0.56	17TH TSP +3.84
		2/93 RFO	C/L Special Int	VOL		0.17	17TH TSP +6.23
		2/93 RFO	C/L Special Int	VOL		0.18	17TH TSP +7.78
		2/93 RFO	C/L Special Int	VOL		0.21	17TH TSP +3.96
4	44	2/93 RFO	H/L Tubesheet	VOL		0.23	TTS-HL +0.68
4	53	2/93 RFO	Bobbin	ADS		4.99	3RD TSP +12.77
		2/93 RFO	H/L Special Int	VOL		0.54	3RD TSP +12.07
4	54	2/93 RFO	Bobbin	NQI		0.42	5TH TSP +6.06

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
4	68	2/93 RFO	Bobbin	ODI	2	3.19	3RD TSP	+10.81
4	75	2/93 RFO	Bobbin	ADS		12.39	7TH TSP	+21.89
		2/93 RFO	Bobbin	ADS		4.96	10TH TSP	+23.98
		2/93 RFO	Bobbin	ODI	10	2.66	10TH TSP	+22.16
4	94	2/93 RFO	Bobbin	NQI		0.56	12TH TSP	+40.31
4	109	2/93 RFO	Bobbin	ODI	3	1.02	5TH TSP	+17.86
4	113	2/93 RFO	Bobbin	NQI		1.50	14TH TSP	+2.40
		2/93 RFO	C/L Special Int	VOL		0.47	14TH TSP	+2.29
5	4	2/93 RFO	Bobbin	ADS		3.08	9TH TSP	-0.76
5	10	2/93 RFO	Bobbin	ODI	1	0.90	TTS-CL	+5.01
		2/93 RFO	Bobbin	ODI	5	2.15	2ND TSP	+12.12
5	11	2/93 RFO	Bobbin	ODI	32	1.51	6TH TSP	+24.89
5	19	2/93 RFO	Bobbin	NQI		4.88	8TH TSP	+1.49
		2/93 RFO	Bobbin	ADS		2.69	10TH TSP	+32.64
		2/93 RFO	C/L Special Int	VOL		1.29	10TH TSP	+32.68
5	34	2/93 RFO	Bobbin	ADS		1.20	2ND TSP	+28.20
5	35	2/93 RFO	Bobbin	NQI		0.26	4TH TSP	+12.22
		2/93 RFO	Bobbin	NQI		0.42	10TH TSP	+10.00
		2/93 RFO	H/L Special Int	VOL		0.55	4TH TSP	+11.67
		2/93 RFO	C/L Special Int	VOL		0.62	10TH TSP	+8.42
5	42	2/93 RFO	Bobbin	ADS		1.99	1ST TSP	+11.06
5	65	2/93 RFO	Bobbin	ADS		4.06	12TH TSP	+27.92
		2/93 RFO	Bobbin	ADS		4.97	11TH TSP	+18.60
5	76	2/93 RFO	Bobbin	ODI	17	1.48	12TH TSP	+23.24
5	82	2/93 RFO	Bobbin	NQI		0.47	16TH TSP	+4.19
		2/93 RFO	Bobbin	ODI	15	0.81	16TH TSP	+6.66
		2/93 RFO	C/L Special Int	VOL		0.28	16TH TSP	+4.37
		2/93 RFO	C/L Special Int	VOL		0.34	16TH TSP	+6.98
5	86	2/93 RFO	Bobbin	ADS		6.00	15TH TSP	+14.29
		2/93 RFO	C/L Special Int	VOL		0.51	14TH TSP	-3.50
5	88	2/93 RFO	Bobbin	ADS		5.41	5TH TSP	+20.08
		2/93 RFO	H/L Special Int	VOL		0.69	5TH TSP	+20.11
5	101	2/93 RFO	Bobbin	ADS		0.67	13TH TSP	+13.95
5	107	2/93 RFO	Bobbin	ODI	3	1.69	3RD TSP	+16.23
6	3	2/93 RFO	Bobbin	ADS		3.36	10TH TSP	+38.19
6	5	2/93 RFO	Bobbin	ODI	15	0.91	7TH TSP	+36.18
6	11	2/93 RFO	Bobbin	ODI	21	0.46	10TH TSP	+30.33
6	18	2/93 RFO	Bobbin	ODI	7	1.03	7TH TSP	+22.33
		2/93 RFO	Bobbin	ODI	19	0.98	7TH TSP	+26.91
		2/93 RFO	Bobbin	ODI	14	0.39	10TH TSP	+26.43
6	27	2/93 RFO	Bobbin	NQI		0.39	7TH TSP	+30.77
6	42	2/93 RFO	Bobbin	NQI		0.53	12TH TSP	+9.10
		2/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	+8.77
6	47	2/93 RFO	Bobbin	ODI	14	0.54	15TH TSP	+1.75
6	53	2/93 RFO	Bobbin	ODI	4	0.69	16TH TSP	+11.87
6	59	2/93 RFO	Bobbin	NQI		0.83	2ND TSP	+33.40
		2/93 RFO	Bobbin	NQI		0.69	16TH TSP	+12.95
		2/93 RFO	H/L Special Int	VOL		0.34	3RD TSP	-2.52
6	66	2/93 RFO	Bobbin	ADS		4.49	2ND TSP	+10.90
		2/93 RFO	Bobbin	ADS		5.38	3RD TSP	+8.38
		2/93 RFO	H/L Special Int	VOL		0.30	3RD TSP	+8.51
		2/93 RFO	H/L Special Int	VOL		0.34	2ND TSP	+13.25
6	68	2/93 RFO	Bobbin	ADS		6.14	4TH TSP	+14.22
		2/93 RFO	Bobbin	ODI	4	1.13	4TH TSP	+15.49
		2/93 RFO	H/L Special Int	VOL		0.29	4TH TSP	+13.07
6	77	2/93 RFO	Bobbin	NQI		0.55	18TH TSP	+8.83
		2/93 RFO	C/L Special Int	VOL		0.32	18TH TSP	+8.73
6	81	2/93 RFO	Bobbin	NQI		0.97	1ST TSP	+26.00
		2/93 RFO	Bobbin	NQI		0.57	12TH TSP	+6.03
6	82	2/93 RFO	Bobbin	ODI	8	1.31	1ST TSP	-1.15
6	91	2/93 RFO	Bobbin	NQI		1.14	4TH TSP	+10.92
		2/93 RFO	Bobbin	NQI		0.72	16TH TSP	+8.76
		2/93 RFO	C/L Special Int	VOL		0.26	16TH TSP	+8.63
6	100	2/93 RFO	Bobbin	NQI		1.95	3RD TSP	+5.31
		2/93 RFO	Bobbin	NQI		1.99	3RD TSP	+7.67

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.65	3RD TSP +4.79
		2/93 RFO	H/L Special Int	VOL		0.75	3RD TSP +6.91
6	113	2/93 RFO	Bobbin	NQI		2.15	4TH TSP +33.57
		2/93 RFO	H/L Special Int	VOL		0.66	5TH TSP -8.89
7	3	2/93 RFO	Bobbin	NQI		0.74	10TH TSP +28.21
7	8	2/93 RFO	Bobbin	NQI		0.39	10TH TSP +22.55
		2/93 RFO	Bobbin	NQI		1.47	15TH TSP +8.26
		2/93 RFO	Bobbin	ODI	18	0.44	10TH TSP +29.04
		2/93 RFO	C/L Special Int	VOL		0.40	15TH TSP +8.14
7	9	2/93 RFO	Bobbin	ODI	6	0.54	10TH TSP +34.84
7	12	2/93 RFO	Bobbin	NQI		0.25	7TH TSP +36.90
		2/93 RFO	Bobbin	NQI		0.46	10TH TSP +27.59
7	13	2/93 RFO	Bobbin	ODI	12	0.72	7TH TSP +34.45
7	14	2/93 RFO	Bobbin	NQI		0.42	7TH TSP +26.40
		2/93 RFO	Bobbin	ADS		3.36	12TH TSP +5.98
		2/93 RFO	Bobbin	ADS		8.57	12TH TSP +4.09
		2/93 RFO	Bobbin	ADS		9.18	15TH TSP +1.94
		2/93 RFO	Bobbin	NQI		0.25	10TH TSP +5.11
		2/93 RFO	C/L Special Int	VOL		0.41	12TH TSP +5.94
		2/93 RFO	C/L Special Int	VOL		0.48	12TH TSP +3.96
		2/93 RFO	C/L Special Int	VOL		0.53	15TH TSP +1.57
7	20	2/93 RFO	Bobbin	ODI	7	0.93	7TH TSP +33.24
7	22	2/93 RFO	Bobbin	ADS		3.30	5TH TSP +13.19
7	26	2/93 RFO	Bobbin	NQI		1.00	14TH TSP +10.14
		2/93 RFO	Bobbin	ODI	10	0.55	10TH TSP +12.69
		2/93 RFO	C/L Special Int	VOL		0.46	14TH TSP +10.07
7	36	2/93 RFO	Bobbin	ODI	15	1.27	5TH TSP +27.74
		2/93 RFO	Bobbin	ODI	18	1.31	4TH TSP +8.68
7	44	2/93 RFO	Bobbin	ADS		4.53	10TH TSP +10.93
		2/93 RFO	C/L Special Int	VOL		0.33	10TH TSP +9.18
7	47	2/93 RFO	Bobbin	ODI	2	0.54	7TH TSP +15.89
		2/93 RFO	Bobbin	ODI	16	0.99	7TH TSP +13.20
		2/93 RFO	Bobbin	ODI	8	0.64	10TH TSP +14.77
		2/93 RFO	Bobbin	NQI		1.49	4TH TSP +8.91 to +12.78
7	58	2/93 RFO	Bobbin	ADS		3.23	5TH TSP +1.04
		2/93 RFO	Bobbin	NQI		0.74	4TH TSP +34.15
		2/93 RFO	Bobbin	NQI		1.02	1ST TSP +7.20
7	71	2/93 RFO	Bobbin	NQI		0.94	7TH TSP +11.19
		2/93 RFO	Bobbin	NQI		1.82	7TH TSP +10.04
		2/93 RFO	H/L Special Int	VOL		0.27	7TH TSP +17.23
		2/93 RFO	H/L Special Int	VOL		0.29	7TH TSP +9.90
		2/93 RFO	H/L Special Int	VOL		0.52	7TH TSP +8.85
7	84	2/93 RFO	Bobbin	NQI		0.58	7TH TSP +15.40
		2/93 RFO	Bobbin	ADS		4.12	10TH TSP +11.45
		2/93 RFO	Bobbin	ODI	2	1.44	10TH TSP +17.82
		2/93 RFO	Bobbin	ODI	10	1.07	10TH TSP +12.57
7	93	2/93 RFO	Bobbin	NQI		0.39	12TH TSP +21.33
		2/93 RFO	C/L Special Int	VOL		0.13	12TH TSP +20.87
7	111	2/93 RFO	Bobbin	ODI	10	2.94	6TH TSP +41.47
7	112	2/93 RFO	Bobbin	NQI		0.80	11TH TSP +31.95
		2/93 RFO	C/L Special Int	VOL		0.37	10TH TSP -11.40
8	2	2/93 RFO	Bobbin	ODI	21	0.61	7TH TSP +28.46
		2/93 RFO	Bobbin	ODI	14	0.47	13TH TSP +15.29
8	3	2/93 RFO	Bobbin	NQI		0.73	7TH TSP +31.65 to +32.06
8	5	2/93 RFO	Bobbin	NQI		0.73	7TH TSP +35.64
		2/93 RFO	Bobbin	NQI		2.99	8TH TSP +1.20
		2/93 RFO	Bobbin	ODI	14	1.20	10TH TSP +40.38
		2/93 RFO	H/L Tubesheet	VOL		0.62	TTS-HL -0.14
8	6	2/93 RFO	Bobbin	NQI		0.47	7TH TSP +26.41
		2/93 RFO	Bobbin	ODI	10	1.47	7TH TSP +16.97
		2/93 RFO	Bobbin	ODI	16	0.32	10TH TSP +36.84
8	7	2/93 RFO	Bobbin	ODI	8	2.58	7TH TSP +24.05
8	8	2/93 RFO	Bobbin	NQI		0.53	7TH TSP +20.27
		2/93 RFO	Bobbin	NQI		0.56	7TH TSP +27.04
		2/93 RFO	Bobbin	ODI	14	0.62	10TH TSP +34.67

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
8	9	2/93 RFO	Bobbin	NQI		0.37	7TH TSP	+33.55
		2/93 RFO	Bobbin	ODI	18	0.44	10TH TSP	+35.60
		2/93 RFO	H/L Special Int	VOL		0.24	8TH TSP	-9.62
8	10	2/93 RFO	Bobbin	NQI		1.70	10TH TSP	+27.88
8	12	2/93 RFO	Bobbin	NQI		1.44	10TH TSP	+27.52
8	13	2/93 RFO	Bobbin	NQI		0.28	7TH TSP	+23.59
		2/93 RFO	Bobbin	NQI		0.46	7TH TSP	+23.95
8	16	2/93 RFO	Bobbin	ODI	3	0.88	7TH TSP	+22.67
8	19	2/93 RFO	Bobbin	NQI		1.01	5TH TSP	+16.52
8	21	2/93 RFO	Bobbin	ADS		3.60	16TH TSP	+7.88
		2/93 RFO	Bobbin	ODI	9	1.84	2ND TSP	+7.55
		2/93 RFO	C/L Special Int	VOL		0.14	16TH TSP	+7.61
8	25	2/93 RFO	Bobbin	NQI		0.93	7TH TSP	+39.33 to +40.73
8	27	2/93 RFO	Bobbin	ODI	5	0.53	7TH TSP	+40.78
8	28	2/93 RFO	Bobbin	NQI		0.80	9TH TSP	+1.29
		2/93 RFO	C/L Special Int	VOL		0.28	9TH TSP	+1.28
8	56	2/93 RFO	Bobbin	ODI	11	1.80	2ND TSP	+22.87
		2/93 RFO	H/L Special Int	VOL		0.41	2ND TSP	+21.22
8	57	2/93 RFO	Bobbin	NQI		0.54	5TH TSP	+25.86 to +38.59
8	60	2/93 RFO	Bobbin	NQI		1.22	6TH TSP	+38.56
		2/93 RFO	Bobbin	NQI		1.30	6TH TSP	+39.83
		2/93 RFO	Bobbin	NQI		1.56	2ND TSP	+8.48 to +21.16
8	66	2/93 RFO	Bobbin	ODI	5	1.20	15TH TSP	+12.63
8	68	2/93 RFO	Bobbin	ADS		4.06	13TH TSP	+12.83
		2/93 RFO	C/L Special Int	VOL		0.25	13TH TSP	+12.61
8	71	2/93 RFO	Bobbin	NQI		1.12	18TH TSP	+2.57
		2/93 RFO	Bobbin	NQI		1.86	18TH TSP	+12.83
		2/93 RFO	C/L Special Int	VOL		0.28	18TH TSP	+2.69
		2/93 RFO	C/L Special Int	VOL		0.89	18TH TSP	+12.51
8	88	2/93 RFO	Bobbin	NQI		0.77	1ST TSP	+27.72
		2/93 RFO	H/L Special Int	VOL		0.37	2ND TSP	-1.25
8	92	2/93 RFO	Bobbin	NQI		2.71	9TH TSP	+1.81
		2/93 RFO	Bobbin	ODI	14	2.02	10TH TSP	+27.90
		2/93 RFO	Bobbin	ADS		3.13	7TH TSP	+21.61 to +25.24
		2/93 RFO	Bobbin	ADS		5.79	7TH TSP	+29.63 to +41.02
8	109	2/93 RFO	H/L Tubesheet	VOL		0.33	TTS-HL	+2.52
8	111	2/93 RFO	Bobbin	NQI		0.98	2ND TSP	+15.79
		2/93 RFO	H/L Special Int	VOL		0.42	2ND TSP	+15.04
9	2	2/93 RFO	Bobbin	NQI		0.51	10TH TSP	+23.40
		2/93 RFO	Bobbin	ODI	34	0.88	7TH TSP	+20.97
		2/93 RFO	Bobbin	ODI	91	3.10	9TH TSP	+1.09
		2/93 RFO	Bobbin	ODI	33	1.13	10TH TSP	+33.63
9	5	2/93 RFO	Bobbin	ODI	9	1.08	10TH TSP	+23.13
9	10	2/93 RFO	Bobbin	ODI	12	1.41	2ND TSP	+20.17
		2/93 RFO	H/L Special Int	VOL		0.70	2ND TSP	+18.59
9	16	2/93 RFO	Bobbin	ADS		2.56	5TH TSP	+3.28
		2/93 RFO	H/L Special Int	VOL		0.05	5TH TSP	+3.28
9	20	2/93 RFO	Bobbin	NQI		0.48	5TH TSP	+38.01
		2/93 RFO	H/L Special Int	VOL		0.42	6TH TSP	-4.88
9	34	2/93 RFO	Bobbin	NQI		0.39	12TH TSP	+33.30 to +35.80
		2/93 RFO	C/L Special Int	VOL		0.22	12TH TSP	+33.11 to +35.09
9	46	2/93 RFO	Bobbin	ODI	7	0.82	14TH TSP	+6.83
9	47	2/93 RFO	Bobbin	ODI	19	0.88	2ND TSP	+9.92
		2/93 RFO	H/L Special Int	VOL		0.36	2ND TSP	+9.38
9	49	2/93 RFO	Bobbin	NQI		1.41	3RD TSP	+3.41 to +10.02
		2/93 RFO	Bobbin	NQI		1.73	17TH TSP	+1.12 to +6.32
		2/93 RFO	H/L Special Int	VOL		0.35	3RD TSP	+1.60 to +8.75
9	50	2/93 RFO	Bobbin	NQI		1.37	3RD TSP	+2.83 to +10.25
		2/93 RFO	Bobbin	NQI		1.14	17TH TSP	+5.43 to +8.86
9	56	2/93 RFO	Bobbin	ADS		5.93	7TH TSP	+16.18
		2/93 RFO	Bobbin	ADS		4.36	12TH TSP	+30.20
		2/93 RFO	H/L Special Int	VOL		0.59	7TH TSP	+15.65
9	61	2/93 RFO	Bobbin	ODI	19	0.52	17TH TSP	+13.69
		2/93 RFO	Bobbin	ODI	21	0.78	17TH TSP	+12.11
9	62	2/93 RFO	Bobbin	NQI		1.52	1ST TSP	+21.55 to +24.21

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
9	75	2/93 RFO	Bobbin	ADS		6.57	1ST TSP +15.64
		2/93 RFO	Bobbin	ADS		7.18	2ND TSP +11.58
		2/93 RFO	Bobbin	ADS		10.00	1ST TSP +2.15
		2/93 RFO	H/L Special Int	VOL		0.41	2ND TSP +10.59
		2/93 RFO	H/L Special Int	VOL		0.52	1ST TSP +1.49
		2/93 RFO	H/L Special Int	VOL		0.52	1ST TSP +15.12
9	91	2/93 RFO	Bobbin	ADS		8.55	13TH TSP +27.60
		2/93 RFO	C/L Special Int	VOL		0.25	13TH TSP +28.35
9	93	2/93 RFO	C/L Special Int	VOL		0.18	15TH TSP +8.53
9	98	2/93 RFO	Bobbin	NQI		0.86	15TH TSP +2.81
9	99	2/93 RFO	Bobbin	ADS		5.84	10TH TSP +25.23
9	103	2/93 RFO	Bobbin	ADS		10.52	2ND TSP +10.10
		2/93 RFO	H/L Special Int	VOL		0.53	2ND TSP +8.46
9	106	2/93 RFO	Bobbin	ADS		8.88	7TH TSP +37.11
		2/93 RFO	H/L Special Int	VOL		0.40	8TH TSP -2.51
		2/93 RFO	H/L Special Int	VOL		0.63	8TH TSP -5.85
10	3	2/93 RFO	Bobbin	ADS		4.55	7TH TSP +29.10
		2/93 RFO	Bobbin	NQI		0.54	7TH TSP +22.87
		2/93 RFO	Bobbin	ODI	6	0.78	7TH TSP +28.04
		2/93 RFO	Bobbin	ODI	25	0.64	7TH TSP +21.19
10	7	2/93 RFO	Bobbin	ADS		3.14	7TH TSP +35.95
		2/93 RFO	Bobbin	ODI	16	0.51	10TH TSP +37.98
10	8	2/93 RFO	Bobbin	ODI	3	0.66	7TH TSP +39.32
10	23	2/93 RFO	Bobbin	ADS		1.47	7TH TSP +40.11 to +42.28
10	26	2/93 RFO	Bobbin	ODI	8	0.54	7TH TSP +24.97
		2/93 RFO	Bobbin	ODI	8	0.68	7TH TSP +24.58
10	31	2/93 RFO	Bobbin	ODI	6	1.03	7TH TSP +35.74
		2/93 RFO	Bobbin	ODI	15	0.89	10TH TSP +23.30
		2/93 RFO	Bobbin	ODI	17	0.78	10TH TSP +34.24
		2/93 RFO	Bobbin	ODI	19	0.44	10TH TSP +14.78
		2/93 RFO	Bobbin	ODI	33	0.44	10TH TSP +11.19
10	33	2/93 RFO	Bobbin	NQI		0.41	10TH TSP +35.39
		2/93 RFO	Bobbin	NQI		0.61	19TH TSP +7.05
		2/93 RFO	Bobbin	ODI	9	0.85	3RD TSP +25.45
		2/93 RFO	Bobbin	ODI	6	1.45	14TH TSP +7.63
10	35	2/93 RFO	Bobbin	ADS		9.41	18TH TSP +14.66
		2/93 RFO	C/L Special Int	VOL		0.47	18TH TSP +13.03
10	38	2/93 RFO	Bobbin	ODI	38	0.76	7TH TSP +19.54
10	62	2/93 RFO	Bobbin	ADS		3.84	6TH TSP +14.16
10	91	2/93 RFO	Bobbin	NQI		1.76	6TH TSP +33.83
		2/93 RFO	H/L Special Int	VOL		0.51	7TH TSP -9.52
10	106	2/93 RFO	Bobbin	ADS		8.92	14TH TSP +13.69
		2/93 RFO	C/L Special Int	VOL		0.44	14TH TSP +13.77
11	2	2/93 RFO	Bobbin	ODI	12	1.21	10TH TSP +38.56
11	3	2/93 RFO	Bobbin	ODI	12	0.76	10TH TSP +30.05
11	4	2/93 RFO	Bobbin	ODI	3	0.93	7TH TSP +33.33
		2/93 RFO	Bobbin	ODI	17	1.13	7TH TSP +27.58
11	10	2/93 RFO	Bobbin	ODI	24	1.04	10TH TSP +34.61
11	24	2/93 RFO	Bobbin	ADS		5.34	3RD TSP +11.51
		2/93 RFO	H/L Special Int	VOL		0.21	3RD TSP +12.56
11	32	2/93 RFO	Bobbin	NQI		0.51	16TH TSP +13.24
		2/93 RFO	C/L Special Int	VOL		0.18	16TH TSP +13.20
11	37	2/93 RFO	Bobbin	NQI		0.59	7TH TSP +35.19
		2/93 RFO	Bobbin	NQI		0.77	10TH TSP +5.65
		2/93 RFO	Bobbin	ODI	8	0.74	10TH TSP +10.32
		2/93 RFO	C/L Special Int	VOL		0.48	10TH TSP +6.64
11	40	2/93 RFO	Bobbin	ADS		3.84	2ND TSP +20.39
		2/93 RFO	Bobbin	NQI		1.52	3RD TSP +9.39
11	43	2/93 RFO	Bobbin	ADS		5.31	1ST TSP +7.06
		2/93 RFO	Bobbin	ADS		5.56	3RD TSP +9.32
		2/93 RFO	Bobbin	ADS		5.86	3RD TSP +7.03
		2/93 RFO	H/L Special Int	VOL		0.33	1ST TSP +7.23
		2/93 RFO	H/L Special Int	VOL		0.35	3RD TSP +7.71
		2/93 RFO	H/L Special Int	VOL		0.46	3RD TSP +10.14
11	45	2/93 RFO	Bobbin	ODI	1	0.97	2ND TSP +33.25

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
11	49	2/93 RFO	Bobbin	NQI		0.53	7TH TSP +25.37
		2/93 RFO	H/L Special Int	VOL		0.46	7TH TSP +25.87
11	72	2/93 RFO	Bobbin	ADS		2.05	10TH TSP +16.00 to +22.38
		2/93 RFO	Bobbin	ADS		4.31	13TH TSP +17.52 to +32.48
11	90	2/93 RFO	Bobbin	ADS		0.61	14TH TSP +8.78 to +15.26
		2/93 RFO	C/L Special Int	VOL		0.16	14TH TSP +3.79
		2/93 RFO	C/L Special Int	VOL		0.16	14TH TSP +8.62
		2/93 RFO	C/L Special Int	VOL		0.16	14TH TSP +16.42
		2/93 RFO	C/L Special Int	VOL		0.20	14TH TSP +12.67
11	93	2/93 RFO	Bobbin	ADS		4.66	7TH TSP +26.11
		2/93 RFO	H/L Special Int	VOL		0.19	7TH TSP +26.52
12	3	2/93 RFO	Bobbin	NQI		0.56	10TH TSP +30.16
12	9	2/93 RFO	Bobbin	ODI	35	0.88	7TH TSP +33.77
12	13	2/93 RFO	Bobbin	ODI	16	2.33	13TH TSP +41.43
12	27	2/93 RFO	Bobbin	ODI	10	1.11	10TH TSP +40.46
12	33	2/93 RFO	Bobbin	ADS		2.32	10TH TSP +43.80
		2/93 RFO	Bobbin	ODI	15	1.02	18TH TSP +11.68
		2/93 RFO	C/L Special Int	VOL		0.63	10TH TSP +42.47
12	39	2/93 RFO	Bobbin	NQI		0.92	16TH TSP +12.34
		2/93 RFO	C/L Special Int	VOL		0.20	16TH TSP +11.10
12	91	2/93 RFO	Bobbin	ADS		3.36	2ND TSP +10.01
		2/93 RFO	H/L Special Int	VOL		0.16	2ND TSP +10.53
13	7	2/93 RFO	Bobbin	NQI		0.71	7TH TSP +36.66
13	10	2/93 RFO	Bobbin	ODI	25	0.96	12TH TSP +25.69
13	14	2/93 RFO	Bobbin	ADS		2.98	7TH TSP +12.94
		2/93 RFO	Bobbin	NQI		0.60	4TH TSP +27.29
		2/93 RFO	H/L Special Int	VOL		0.28	7TH TSP +11.80
13	15	2/93 RFO	Bobbin	ODI	3	1.53	10TH TSP +40.63
13	20	2/93 RFO	Bobbin	ADS		1.88	9TH TSP -1.23
13	24	2/93 RFO	Bobbin	ODI	13	0.98	10TH TSP +40.51
13	37	2/93 RFO	Bobbin	ODI	2	2.57	7TH TSP +21.25
13	69	2/93 RFO	Bobbin	ODI	5	1.09	13TH TSP +24.06
		2/93 RFO	Bobbin	ODI	18	0.98	13TH TSP +18.15
13	70	2/93 RFO	Bobbin	NQI		0.82	12TH TSP +11.59
		2/93 RFO	C/L Special Int	VOL		0.18	12TH TSP +18.59
		2/93 RFO	C/L Special Int	VOL		0.29	12TH TSP +16.19
		2/93 RFO	C/L Special Int	VOL		0.53	12TH TSP +11.70
13	85	2/93 RFO	Bobbin	NQI		0.55	11TH TSP +18.45
		2/93 RFO	Bobbin	NQI		0.86	17TH TSP +10.58
		2/93 RFO	C/L Special Int	VOL		0.27	17TH TSP +10.82
13	86	2/93 RFO	Bobbin	ADS		7.33	7TH TSP +31.52
		2/93 RFO	Bobbin	ADS		3.32	10TH TSP +33.20
		2/93 RFO	Bobbin	ODI	4	0.48	10TH TSP +18.01
13	88	2/93 RFO	Bobbin	ODI	23	1.14	16TH TSP +11.64
		2/93 RFO	C/L Special Int	VOL		0.46	16TH TSP +12.00
13	90	2/93 RFO	Bobbin	NQI		0.92	13TH TSP +7.21
		2/93 RFO	Bobbin	ODI	20	0.76	7TH TSP +18.11
		2/93 RFO	C/L Special Int	VOL		0.29	13TH TSP +7.70
13	92	2/93 RFO	Bobbin	ODI	10	1.87	13TH TSP +25.95
		2/93 RFO	Bobbin	ODI	11	1.35	12TH TSP +11.33
		2/93 RFO	Bobbin	ODI	11	1.74	13TH TSP +27.31
		2/93 RFO	Bobbin	ODI	11	2.95	13TH TSP +3.09
		2/93 RFO	Bobbin	ODI	13	0.61	12TH TSP +7.81
		2/93 RFO	Bobbin	ODI	13	1.64	13TH TSP +38.17
		2/93 RFO	Bobbin	ODI	15	1.64	12TH TSP +23.63
		2/93 RFO	Bobbin	ODI	16	1.53	12TH TSP +21.18
		2/93 RFO	Bobbin	ODI	38	0.54	12TH TSP +22.48
		2/93 RFO	C/L Special Int	VOL		0.08	12TH TSP +11.38
		2/93 RFO	C/L Special Int	VOL		0.09	12TH TSP +20.94
		2/93 RFO	C/L Special Int	VOL		0.09	12TH TSP +23.11
		2/93 RFO	C/L Special Int	VOL		0.10	12TH TSP +7.26
		2/93 RFO	C/L Special Int	VOL		0.14	13TH TSP +37.75
		2/93 RFO	C/L Special Int	VOL		0.21	13TH TSP +3.24
		2/93 RFO	C/L Special Int	VOL		0.21	13TH TSP +26.99
13	109	2/93 RFO	Bobbin	ODI	7	1.17	17TH TSP +6.84

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
14	4	2/93 RFO	Bobbin	ADS		1.96	7TH TSP	+19.97
		2/93 RFO	Bobbin	ODI	12	2.72	7TH TSP	+25.43
		2/93 RFO	Bobbin	ODI	12	2.72	7TH TSP	+25.43
		2/93 RFO	Bobbin	ODI	26	0.92	10TH TSP	+21.06
		2/93 RFO	Bobbin	ODI	67	1.27	10TH TSP	+21.77
14	6	2/93 RFO	Bobbin	ADS		5.48	7TH TSP	+38.71
		2/93 RFO	Bobbin	ODI	3	2.08	4TH TSP	+41.21
		2/93 RFO	Bobbin	ODI	16	1.68	4TH TSP	+40.10
14	13	2/93 RFO	Bobbin	ODI	24	0.45	7TH TSP	+39.86
14	20	2/93 RFO	Bobbin	NQI		0.32	10TH TSP	+18.10
		2/93 RFO	Bobbin	ODI	13	0.45	10TH TSP	+31.83
14	21	2/93 RFO	Bobbin	ODI	4	0.86	10TH TSP	+37.58
		2/93 RFO	Bobbin	ODI	13	0.69	10TH TSP	+40.87
		2/93 RFO	Bobbin	ODI	14	0.73	10TH TSP	+40.27
14	23	2/93 RFO	Bobbin	ODI	2	0.81	10TH TSP	+38.07
14	25	2/93 RFO	Bobbin	NQI		0.46	10TH TSP	+38.38
14	35	2/93 RFO	Bobbin	ODI	10	0.81	10TH TSP	+38.29
14	37	2/93 RFO	Bobbin	ODI	22	0.70	15TH TSP	+12.67
14	39	2/93 RFO	Bobbin	NQI		0.82	7TH TSP	+40.99
		2/93 RFO	Bobbin	NQI		0.26	10TH TSP	+33.32
		2/93 RFO	Bobbin	ODI	9	1.12	7TH TSP	+39.95
		2/93 RFO	C/L Special Int	VOL		0.27	9TH TSP	-10.47
14	46	2/93 RFO	Bobbin	ADS		3.74	16TH TSP	+7.01
		2/93 RFO	C/L Special Int	VOL		0.13	16TH TSP	+6.06
14	63	2/93 RFO	Bobbin	ODI	11	1.31	13TH TSP	+4.74
		2/93 RFO	C/L Special Int	VOL		0.07	13TH TSP	+4.68
14	65	2/93 RFO	Bobbin	ADS		2.80	15TH TSP	+10.85
		2/93 RFO	C/L Special Int	VOL		0.16	15TH TSP	+10.45
14	69	2/93 RFO	Bobbin	NQI		0.54	15TH TSP	+6.08
		2/93 RFO	C/L Special Int	VOL		0.24	15TH TSP	+6.08
14	70	2/93 RFO	Bobbin	ODI	1	0.94	4TH TSP	+12.88
14	77	2/93 RFO	Bobbin	ODI	1	1.31	4TH TSP	+34.90
14	86	2/93 RFO	Bobbin	ODI	4	1.81	5TH TSP	+13.74
		2/93 RFO	Bobbin	ODI	4	1.81	5TH TSP	+16.05
		2/93 RFO	Bobbin	ODI	5	0.98	2ND TSP	+31.21
14	87	2/93 RFO	Bobbin	ODI	11	1.95	13TH TSP	+23.38
14	91	2/93 RFO	Bobbin	ODI	6	1.87	10TH TSP	+40.88
		2/93 RFO	Bobbin	ODI	8	1.89	10TH TSP	+42.89
14	101	2/93 RFO	Bobbin	NQI		0.58	19TH TSP	+2.19
		2/93 RFO	C/L Special Int	VOL		0.20	19TH TSP	+2.52
14	103	2/93 RFO	Bobbin	NQI		0.51	4TH TSP	+31.01
		2/93 RFO	Bobbin	NQI		0.66	7TH TSP	+3.96
		2/93 RFO	H/L Special Int	VOL		0.30	7TH TSP	+3.64
		2/93 RFO	H/L Special Int	VOL		0.35	5TH TSP	-10.00
14	104	2/93 RFO	Bobbin	ODI	23	1.67	TTS-HL	+1.80
		2/93 RFO	H/L Special Int	VOL		0.26	TTS-HL	+1.31
15	5	2/93 RFO	Bobbin	NQI		0.46	10TH TSP	+23.25
		2/93 RFO	Bobbin	ODI	10	1.65	10TH TSP	+23.87
15	6	2/93 RFO	Bobbin	ODI	14	0.67	10TH TSP	+21.86
15	8	2/93 RFO	Bobbin	ODI	19	0.57	10TH TSP	+27.24
15	13	2/93 RFO	Bobbin	ODI	12	1.43	12TH TSP	+26.16
15	17	2/93 RFO	Bobbin	ODI	6	1.40	10TH TSP	+44.57
15	36	2/93 RFO	Bobbin	ADS		3.09	10TH TSP	+26.21
15	45	2/93 RFO	Bobbin	ADS		2.83	14TH TSP	+4.09
		2/93 RFO	C/L Special Int	VOL		0.26	14TH TSP	+3.60
15	49	2/93 RFO	Bobbin	ODI	4	1.53	8TH TSP	+19.53
15	56	2/93 RFO	Bobbin	ODI	10	2.12	11TH TSP	+30.11
15	58	2/93 RFO	Bobbin	ADS		3.63	12TH TSP	+19.67
15	62	2/93 RFO	Bobbin	NQI		0.85	7TH TSP	+35.82
15	79	2/93 RFO	Bobbin	ODI	8	0.78	18TH TSP	+11.01
		2/93 RFO	Bobbin	ODI	23	1.06	12TH TSP	+40.96
15	84	2/93 RFO	Bobbin	ODI	16	0.98	2ND TSP	+32.68
15	98	2/93 RFO	Bobbin	NQI		0.81	17TH TSP	+9.18
		2/93 RFO	C/L Special Int	VOL		0.24	17TH TSP	+8.92
16	4	2/93 RFO	Bobbin	NQI		0.44	5TH TSP	+21.07

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	H/L Special Int	VOL		0.56	5TH TSP +19.07
16	10	2/93 RFO	Bobbin	ODI	10	0.58	9TH TSP -6.01
16	12	2/93 RFO	Bobbin	ODI	10	0.55	10TH TSP +34.42
		2/93 RFO	C/L Special Int	VOL		0.33	9TH TSP -1.76
		2/93 RFO	C/L Special Int	VOL		1.14	9TH TSP -8.69
		2/93 RFO	C/L Special Int	VOL		2.52	9TH TSP -7.03
16	17	2/93 RFO	Bobbin	NQI		0.45	9TH TSP -4.52
16	18	2/93 RFO	Bobbin	ODI	15	0.72	7TH TSP +34.52
16	19	2/93 RFO	Bobbin	ODI	6	1.46	1ST TSP +8.64
		2/93 RFO	Bobbin	ODI	17	1.01	18TH TSP -2.10
16	20	2/93 RFO	Bobbin	NQI		0.61	5TH TSP +26.58
		2/93 RFO	H/L Special Int	VOL		0.44	5TH TSP +25.65
16	23	2/93 RFO	Bobbin	NQI		0.26	7TH TSP +22.21
		2/93 RFO	Bobbin	ADS		2.77	10TH TSP +34.58
16	42	2/93 RFO	Bobbin	ADS		6.46	8TH TSP +6.58
		2/93 RFO	C/L Special Int	VOL		0.53	8TH TSP +5.98
16	53	2/93 RFO	Bobbin	NQI		0.76	5TH TSP +19.54
		2/93 RFO	Bobbin	ODI	17	1.10	6TH TSP +13.32
		2/93 RFO	Bobbin	ODI	22	1.21	3RD TSP +33.98
		2/93 RFO	Bobbin	ODI	32	0.99	7TH TSP +25.66
		2/93 RFO	Bobbin	ODI	13	3.04	14TH TSP +9.25
16	62	2/93 RFO	Bobbin	ODI	20	0.87	7TH TSP +39.26
		2/93 RFO	Bobbin	ODI	26	2.08	10TH TSP +40.70
16	87	2/93 RFO	Bobbin	ADS		9.16	12TH TSP +27.94
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP -15.89
16	88	2/93 RFO	Bobbin	NQI		3.01	11TH TSP +15.48
		2/93 RFO	C/L Special Int	VOL		0.94	11TH TSP +15.19
16	99	2/93 RFO	Bobbin	NQI		0.90	13TH TSP +38.57
		2/93 RFO	C/L Special Int	VOL		0.18	12TH TSP -6.68
		2/93 RFO	C/L Special Int	VOL		0.36	12TH TSP -4.50
16	100	2/93 RFO	Bobbin	ODI	10	1.58	11TH TSP +34.24
16	103	2/93 RFO	Bobbin	ODI	15	1.10	2ND TSP +28.25
16	104	2/93 RFO	Bobbin	ADS		1.07	6TH TSP +26.33
17	5	2/93 RFO	Bobbin	ADS		0.62	10TH TSP +30.67
		2/93 RFO	Bobbin	ADS		0.76	10TH TSP +33.94
		2/93 RFO	Bobbin	ODI	4	1.59	7TH TSP +23.41
		2/93 RFO	Bobbin	ODI	10	1.00	7TH TSP +33.95
		2/93 RFO	Bobbin	ODI	19	1.74	10TH TSP +22.28
		2/93 RFO	C/L Special Int	VOL		0.29	9TH TSP -15.49
		2/93 RFO	C/L Special Int	VOL		0.55	9TH TSP -12.12
17	8	2/93 RFO	Bobbin	NQI		0.84	5TH TSP +14.15
		2/93 RFO	Bobbin	NQI		1.17	11TH TSP +24.44
		2/93 RFO	H/L Special Int	VOL		0.31	5TH TSP +12.92
		2/93 RFO	C/L Special Int	VOL		0.27	10TH TSP -18.56
17	13	2/93 RFO	Bobbin	ODI	15	1.02	12TH TSP +16.35
17	25	2/93 RFO	Bobbin	ODI	9	2.18	16TH TSP +10.44
17	37	2/93 RFO	Bobbin	ODI	6	2.46	14TH TSP +4.68
17	40	2/93 RFO	Bobbin	NQI		1.23	10TH TSP +10.43
		2/93 RFO	C/L Special Int	VOL		0.47	10TH TSP +9.94
17	42	2/93 RFO	Bobbin	NQI		1.49	1ST TSP +4.27
		2/93 RFO	Bobbin	NQI		2.00	6TH TSP +8.50
		2/93 RFO	H/L Special Int	VOL		0.53	1ST TSP +4.25
		2/93 RFO	H/L Special Int	VOL		0.90	6TH TSP +8.47
17	47	2/93 RFO	Bobbin	ADS		3.99	1ST TSP +9.38
		2/93 RFO	Bobbin	ADS		1.37	13TH TSP +13.44
		2/93 RFO	H/L Special Int	VOL		0.19	1ST TSP +16.88
		2/93 RFO	H/L Special Int	VOL		0.21	1ST TSP +15.00
		2/93 RFO	H/L Special Int	VOL		0.28	1ST TSP +19.12
		2/93 RFO	H/L Special Int	VOL		0.55	1ST TSP +9.47
17	58	2/93 RFO	Bobbin	ADS		3.78	7TS-HL +4.72
17	59	2/93 RFO	Bobbin	ADS		5.94	2ND TSP +6.29
		2/93 RFO	Bobbin	NQI		1.24	2ND TSP +23.91
		2/93 RFO	Bobbin	ODI	9	1.29	2ND TSP +10.65
		2/93 RFO	Bobbin	ODI	9	1.58	2ND TSP +30.20
		2/93 RFO	Bobbin	ODI	9	2.57	2ND TSP +26.86

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	Bobbin	ODI	15	1.13	2ND TSP +25.28
		2/93 RFO	H/L Special Int	VOL		0.31	2ND TSP +29.74
		2/93 RFO	H/L Special Int	VOL		0.32	2ND TSP +23.54
		2/93 RFO	H/L Special Int	VOL		0.45	2ND TSP +24.51
		2/93 RFO	H/L Special Int	VOL		0.50	2ND TSP +26.23
17	65	2/93 RFO	Bobbin	NQI		1.35	12TH TSP +9.44
		2/93 RFO	C/L Special Int	VOL		0.33	12TH TSP +9.02
17	76	2/93 RFO	Bobbin	NQI		0.38	15TH TSP +11.97
		2/93 RFO	C/L Special Int	VOL		0.35	15TH TSP +11.60
17	80	2/93 RFO	Bobbin	NQI		0.45	TTS-CL +4.35
		2/93 RFO	C/L Special Int	VOL		0.20	TTS-CL +4.47
17	83	2/93 RFO	Bobbin	ADS		3.74	17TH TSP +2.25
		2/93 RFO	C/L Special Int	VOL		0.28	17TH TSP +2.16
17	85	2/93 RFO	Bobbin	ADS		4.28	2ND TSP +28.58
		2/93 RFO	Bobbin	ADS		6.42	2ND TSP +24.07
		2/93 RFO	Bobbin	NQI		0.59	13TH TSP +20.55
17	86	2/93 RFO	Bobbin	NQI		1.38	7TH TSP +28.53
		2/93 RFO	H/L Special Int	VOL		0.15	7TH TSP +27.19
17	87	2/93 RFO	Bobbin	ODI	10	2.66	3RD TSP +32.70
		2/93 RFO	Bobbin	ODI	20	2.92	3RD TSP +16.40
		2/93 RFO	Bobbin	ODI	22	2.51	2ND TSP +26.93
17	103	2/93 RFO	Bobbin	NQI		0.75	1ST TSP +11.57
		2/93 RFO	Bobbin	NQI		1.06	1ST TSP +26.54
		2/93 RFO	Bobbin	NQI		2.84	13TH TSP +13.14
		2/93 RFO	Bobbin	ODI	76	0.61	4TH TSP +20.07
		2/93 RFO	Bobbin	ODI	86	0.72	4TH TSP +19.38
		2/93 RFO	H/L Special Int	VOL		0.30	4TH TSP +18.21
		2/93 RFO	C/L Special Int	VOL		0.47	13TH TSP +13.35
17	106	2/93 RFO	Bobbin	NQI		1.15	7TH TSP +13.27
		2/93 RFO	H/L Special Int	VOL		0.35	7TH TSP +12.95
18	9	2/93 RFO	Bobbin	ODI	13	1.48	9TH TSP -6.18
18	20	2/93 RFO	Bobbin	ADS		6.25	16TH TSP +1.64
		2/93 RFO	C/L Special Int	VOL		0.43	16TH TSP +1.64
18	22	2/93 RFO	Bobbin	ADS		0.63	10TH TSP +26.48
		2/93 RFO	Bobbin	ODI	20	0.64	7TH TSP +13.80
18	24	2/93 RFO	Bobbin	ODI	1	1.51	9TH TSP -3.79
18	25	2/93 RFO	Bobbin	ADS		2.68	5TH TSP +22.24
		2/93 RFO	H/L Special Int	VOL		0.19	5TH TSP +21.32
18	72	2/93 RFO	Bobbin	NQI		0.50	18TH TSP +14.00
		2/93 RFO	C/L Special Int	VOL		0.31	18TH TSP +12.96
18	86	2/93 RFO	Bobbin	ODI	29	0.62	10TH TSP +42.07
		2/93 RFO	C/L Special Int	VOL		0.56	9TH TSP -2.26
18	87	2/93 RFO	Bobbin	ADS		5.45	1ST TSP -13.68
		2/93 RFO	H/L Special Int	VOL		0.60	1ST TSP +11.84
18	110	2/93 RFO	Bobbin	NQI		1.91	13TH TSP +12.30 to +19.57
		2/93 RFO	C/L Special Int	VOL		0.35	13TH TSP +12.24 to +18.43
19	11	2/93 RFO	Bobbin	ADS		4.00	10TH TSP +43.05
19	12	2/93 RFO	Bobbin	ADS		2.73	10TH TSP +40.35
19	13	2/93 RFO	Bobbin	ODI	16	0.99	10TH TSP +37.29
19	18	2/93 RFO	Bobbin	ADS		2.50	7TH TSP +31.11
19	22	2/93 RFO	Bobbin	ODI	12	0.54	10TH TSP +40.17
		2/93 RFO	Bobbin	ODI	20	0.94	10TH TSP +41.83
19	23	2/93 RFO	Bobbin	ADS		13.59	7TH TSP +26.85
		2/93 RFO	Bobbin	NQI		1.55	7TH TSP +9.18
		2/93 RFO	Bobbin	ADS		6.15	13TH TSP +36.69
		2/93 RFO	Bobbin	NQI		0.44	14TH TSP -1.87
		2/93 RFO	Bobbin	ODI	11	1.14	10TH TSP +9.44
		2/93 RFO	Bobbin	ODI	17	1.35	13TH TSP -0.88
		2/93 RFO	Bobbin	ODI	32	1.05	13TH TSP +17.50
19	39	2/93 RFO	Bobbin	ODI	20	0.68	14TH TSP -1.08
19	60	2/93 RFO	Bobbin	NQI		0.53	18TH TSP +6.10
19	67	2/93 RFO	Bobbin	NQI		0.42	7TH TSP +40.88
		2/93 RFO	Bobbin	NQI		0.50	10TH TSP +44.03
19	99	2/93 RFO	Bobbin	ODI	26	0.63	18TH TSP +4.13
19	107	2/93 RFO	Bobbin	ODI	1	3.07	16TH TSP +14.35

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
20	8	2/93 RFO	Bobbin	ADS		5.35	17TH TSP +8.64
		2/93 RFO	C/L Special Int	VOL		0.31	17TH TSP +8.64
20	9	2/93 RFO	Bobbin	ODI	12	0.54	10TH TSP +34.00
20	18	2/93 RFO	Bobbin	ADS		4.37	12TH TSP +34.33
		2/93 RFO	Bobbin	ADS		6.13	12TH TSP +15.36
		2/93 RFO	C/L Special Int	VOL		0.23	12TH TSP +33.59
		2/93 RFO	C/L Special Int	VOL		0.30	12TH TSP +14.89
20	19	2/93 RFO	Bobbin	ODI	2	0.51	7TH TSP +11.10
		2/93 RFO	Bobbin	ODI	11	0.52	7TH TSP +27.00
20	20	2/93 RFO	Bobbin	ODI	17	1.31	1AVB +5.98
20	21	2/93 RFO	Bobbin	ADS		8.26	9TH TSP +7.01
		2/93 RFO	C/L Special Int	VOL		0.29	9TH TSP +7.34
20	40	2/93 RFO	Bobbin	ADS		7.68	12TH TSP +7.03 to +11.78
20	46	2/93 RFO	Bobbin	ODI	36	1.55	12TH TSP +23.65
20	54	2/93 RFO	Bobbin	ADS		7.79	TTS-CL +4.66
		2/93 RFO	Bobbin	ODI	9	1.35	1PTH TSP +15.06
		2/93 RFO	C/L Special Int	VOL		0.46	TTS-CL +4.66
20	70	2/93 RFO	Bobbin	HQI		0.91	18TH TSP +11.90
		2/93 RFO	C/L Special Int	VOL		0.61	18TH TSP +8.28
		2/93 RFO	C/L Special Int	VOL		1.00	18TH TSP +11.13
20	73	2/93 RFO	Bobbin	ODI	15	0.84	18TH TSP +8.11
		2/93 RFO	C/L Special Int	VOL		0.22	18TH TSP +7.82
20	74	2/93 RFO	Bobbin	HQI		0.73	4AVB +10.30
20	75	2/93 RFO	Bobbin	HQI		0.62	18TH TSP +8.47
20	81	2/93 RFO	Bobbin	ODI	29	0.66	18TH TSP +8.86
20	82	2/93 RFO	Bobbin	ODI	9	0.59	18TH TSP +8.13
20	84	2/93 RFO	Bobbin	ODI	1	0.72	18TH TSP +9.40
20	89	2/93 RFO	Bobbin	ODI	41	0.57	18TH TSP +8.79
20	90	2/93 RFO	Bobbin	HQI		0.52	18TH TSP +5.88
20	92	2/93 RFO	Bobbin	ODI	26	0.73	18TH TSP +6.80
20	94	2/93 RFO	Bobbin	ODI	36	0.64	18TH TSP +9.36
20	95	2/93 RFO	Bobbin	ODI	13	0.67	18TH TSP +9.15
20	96	2/93 RFO	Bobbin	ODI	31	1.23	18TH TSP +8.21
20	98	2/93 RFO	Bobbin	HQI		1.78	18TH TSP +9.50
20	99	2/93 RFO	Bobbin	ODI	3	0.67	18TH TSP +9.39
20	100	2/93 RFO	Bobbin	ODI	27	0.82	18TH TSP +9.24
20	102	2/93 RFO	Bobbin	ODI	38	0.74	18TH TSP +9.51
20	103	2/93 RFO	Bobbin	ODI	27	0.91	18TH TSP +9.14
		2/93 RFO	C/L Special Int	VOL		0.30	18TH TSP +9.14
20	104	2/93 RFO	Bobbin	ODI	25	1.20	18TH TSP +9.41
20	105	2/93 RFO	Bobbin	ODI	3	1.02	18TH TSP +6.74
20	106	2/93 RFO	Bobbin	HQI		0.96	1ST TSP +24.21
		2/93 RFO	H/L Special Int	VOL		0.33	2ND TSP -4.24
20	110	2/93 RFO	Bobbin	ODI	6	0.95	18TH TSP +4.20
21	5	2/93 RFO	Bobbin	ADS		7.20	6TH TSP +29.01
21	13	2/93 RFO	Bobbin	ADS		10.44	2ND TSP +16.82
		2/93 RFO	H/L Special Int	VOL		0.27	2ND TSP +16.38
21	15	2/93 RFO	Bobbin	ODI	19	0.55	10TH TSP +9.16
21	20	2/93 RFO	Bobbin	ADS		6.44	12TH TSP +31.41
		2/93 RFO	C/L Special Int	VOL		0.44	11TH TSP -10.87
21	21	2/93 RFO	Bobbin	ADS		4.11	4TH TSP +36.67
		2/93 RFO	Bobbin	ADS		5.85	16TH TSP +14.14
		2/93 RFO	H/L Special Int	VOL		0.30	5TH TSP -5.67
		2/93 RFO	C/L Special Int	VOL		0.44	15TH TSP -4.26
21	28	2/93 RFO	Bobbin	ODI	7	0.75	7TH TSP +35.36
21	33	2/93 RFO	Bobbin	ODI	7	0.83	5TH TSP +19.37
21	36	2/93 RFO	Bobbin	ODI	9	0.62	7TH TSP +39.87
21	47	2/93 RFO	Bobbin	ADS		6.26	16TH TSP +16.63
		2/93 RFO	C/L Special Int	VOL		0.48	15TH TSP -3.84
21	61	2/93 RFO	Bobbin	ODI	22	0.94	18TH TSP +12.01
21	63	2/93 RFO	Bobbin	ODI	30	0.71	18TH TSP +14.46
21	66	2/93 RFO	Bobbin	HQI		0.84	6TH TSP +15.31
		2/93 RFO	Bobbin	HQI		1.40	6TH TSP +17.78
		2/93 RFO	H/L Special Int	VOL		0.14	6TH TSP +14.06
		2/93 RFO	H/L Special Int	VOL		0.21	6TH TSP +16.25

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
21	68	2/93 RFO	Bobbin	ODI	24	1.11	18TH TSP	+11.46
21	69	2/93 RFO	Bobbin	ODI	35	1.14	18TH TSP	+13.62
21	72	2/93 RFO	Bobbin	ODI	17	0.59	18TH TSP	+12.14
21	73	2/93 RFO	Bobbin	ODI	27	0.51	18TH TSP	+13.09
21	74	2/93 RFO	Bobbin	ODI	35	1.00	18TH TSP	+11.39
21	75	2/93 RFO	Bobbin	ODI	4	0.96	18TH TSP	+13.97
21	76	2/93 RFO	Bobbin	ODI	18	1.12	18TH TSP	+14.05
21	77	2/93 RFO	Bobbin	ODI	1	1.04	7TH TSP	+23.32
		2/93 RFO	Bobbin	ODI	25	1.27	18TH TSP	+11.30
		2/93 RFO	H/L Special Int	VOL		0.23	7TH TSP	+23.42
21	80	2/93 RFO	Bobbin	ODI	18	0.60	18TH TSP	+12.33
21	81	2/93 RFO	Bobbin	ODI	14	1.53	18TH TSP	+12.35
21	82	2/93 RFO	Bobbin	ODI	31	1.05	18TH TSP	+12.31
21	83	2/93 RFO	Bobbin	ODI	20	2.27	18TH TSP	+12.32
21	84	2/93 RFO	Bobbin	ODI	17	0.91	18TH TSP	+12.55
21	85	2/93 RFO	Bobbin	ODI	21	1.05	18TH TSP	+12.46
21	87	2/93 RFO	Bobbin	ODI	26	1.10	18TH TSP	+12.45
21	88	2/93 RFO	Bobbin	ODI	4	1.17	18TH TSP	+12.44
21	89	2/93 RFO	Bobbin	ODI	9	1.18	18TH TSP	+12.81
21	90	2/93 RFO	Bobbin	ODI	16	1.47	18TH TSP	+12.80
21	91	2/93 RFO	Bobbin	ODI	17	0.80	18TH TSP	+12.77
21	93	2/93 RFO	Bobbin	ODI	30	0.82	18TH TSP	+12.79
		2/93 RFO	Bobbin	ODI	9	1.02	11TH TSP	+11.90 to +30.92
21	94	2/93 RFO	Bobbin	ODI	13	1.70	18TH TSP	+12.63
21	96	2/93 RFO	Bobbin	ODI	14	1.37	18TH TSP	+12.96
21	97	2/93 RFO	Bobbin	ODI	4	1.42	18TH TSP	+2.79
21	99	2/93 RFO	Bobbin	ODI	25	1.30	18TH TSP	+2.70
21	101	2/93 RFO	Bobbin	ODI	6	2.25	18TH TSP	+3.05
21	103	2/93 RFO	Bobbin	ODI	38	1.20	18TH TSP	+2.69
21	104	2/93 RFO	Bobbin	ODI	16	1.18	18TH TSP	+3.26
21	105	2/93 RFO	Bobbin	ODI	14	1.27	18TH TSP	+2.68
21	107	2/93 RFO	Bobbin	ODI	50	0.75	18TH TSP	+2.53
		2/93 RFO	C/L Special Int	VOL		0.51	18TH TSP	+2.52
22	8	2/93 RFO	Bobbin	ODI	2	1.36	11TH TSP	+37.57
22	9	2/93 RFO	Bobbin	ADS		3.71	11TH TSP	+27.06
22	16	2/93 RFO	Bobbin	ODI	13	0.91	10TH TSP	+37.43
22	23	2/93 RFO	Bobbin	ADS		2.17	12TH TSP	+20.23
		2/93 RFO	C/L Special Int	VOL		0.19	12TH TSP	+20.44
22	27	2/93 RFO	Bobbin	ODI	25	0.89	16TH TSP	+10.97
		2/93 RFO	C/L Special Int	VOL		0.29	16TH TSP	+10.64
22	28	2/93 RFO	Bobbin	ODI	12	0.91	7TH TSP	+38.73
22	36	2/93 RFO	Bobbin	ODI	10	0.51	10TH TSP	+37.88
22	70	2/93 RFO	Bobbin	ODI	29	0.65	15TH TSP	+9.20
22	75	2/93 RFO	Bobbin	ADS		5.65	4TH TSP	+23.62
		2/93 RFO	H/L Special Int	VOL		0.58	4TH TSP	+21.23
22	87	2/93 RFO	Bobbin	ODI	3	1.44	19TH TSP	+8.56
22	88	2/93 RFO	Bobbin	ADS		9.45	17TH TSP	+6.84
		2/93 RFO	C/L Special Int	VOL		0.24	17TH TSP	+6.19
22	89	2/93 RFO	Bobbin	ADS		7.55	2ND TSP	+6.84
		2/93 RFO	Bobbin	HQI		0.36	7TH TSP	+36.25
		2/93 RFO	Bobbin	HQI		0.41	7TH TSP	+39.5
		2/93 RFO	Bobbin	ODI	1	0.40	7TH TSP	+34.80
		2/93 RFO	Bobbin	ODI	6	1.16	8TH TSP	-0.95
		2/93 RFO	Bobbin	ODI	7	1.81	5TH TSP	+34.67
22	91	2/93 RFO	Bobbin	AFD		2.29	13TH TSP	+18.54
		2/93 RFO	Bobbin	ADS		3.79	13TH TSP	+15.69
22	92	2/93 RFO	Bobbin	ADS		4.63	1ST TSP	+7.13
		2/93 RFO	H/L Special Int	VOL		0.38	1ST TSP	+6.76
22	102	2/93 RFO	Bobbin	ODI	10	2.21	13TH TSP	+17.54
		2/93 RFO	C/L Special Int	VOL		0.49	13TH TSP	+17.82
23	6	2/93 RFO	Bobbin	ODI	3	0.92	10TH TSP	+37.25
23	9	2/93 RFO	Bobbin	ODI	7	0.65	1ST TSP	+22.38
		2/93 RFO	Bobbin	ADS		2.72	7TH TSP	+37.17 to +38.17
23	10	2/93 RFO	Bobbin	ODI	14	0.73	TTS-CL	+0.84
23	25	2/93 RFO	Bobbin	ODI	21	1.17	11TH TSP	+26.28

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
23	36	2/93 RFO	Bobbin	ODI	21	0.50	10TH TSP	+41.17
23	45	2/93 RFO	Bobbin	ODI	7	1.77	7TH TSP	+2.75
		2/93 RFO	Bobbin	ODI	21	1.20	7TH TSP	+28.20
		2/93 RFO	H/L Special Int	VOL		0.32	7TH TSP	+2.51
23	73	2/93 RFO	Bobbin	NQI		0.32	8TH TSP	+0.14
23	75	2/93 RFO	Bobbin	ADS		5.81	4TH TSP	+10.91
		2/93 RFO	H/L Special Int	VOL		0.64	4TH TSP	+9.81
23	99	2/93 RFO	Bobbin	ODI	1	1.30	11TH TSP	+7.33
		2/93 RFO	Bobbin	ODI	6	1.18	10TH TSP	+40.37
		2/93 RFO	Bobbin	ODI	12	0.59	18TH TSP	+9.18
		2/93 RFO	Bobbin	ODI	21	0.76	18TH TSP	+9.13
23	106	2/93 RFO	Bobbin	NQI		0.68	14TH TSP	+8.23
		2/93 RFO	C/L Special Int	VOL		0.57	14TH TSP	+7.66
23	108	2/93 RFO	Bobbin	ADS		2.82	11TH TSP	+11.44
		2/93 RFO	Bobbin	NQI		0.66	11TH TSP	+12.27
		2/93 RFO	Bobbin	ODI	4	0.75	18TH TSP	+9.41
24	7	2/93 RFO	Bobbin	ODI	28	1.62	7TH TSP	+7.54
		2/93 RFO	Bobbin	ODI	28	1.14	11TH TSP	+1.77
24	10	2/93 RFO	Bobbin	ADS		5.89	19TH TSP	+3.91
24	13	2/93 RFO	Bobbin	ADS		3.99	17TH TSP	+10.64
		2/93 RFO	Bobbin	ODI	9	0.77	14TH TSP	+13.82
		2/93 RFO	C/L Special Int	VOL		0.11	17TH TSP	+10.58
24	19	2/93 RFO	Bobbin	ODI	9	3.08	13TH TSP	+29.58
24	28	2/93 RFO	Bobbin	ODI	5	2.36	7TH TSP	+21.37
		2/93 RFO	Bobbin	ODI	35	0.98	13TH TSP	+22.25
24	31	2/93 RFO	Bobbin	ODI	23	0.89	8TH TSP	+1.21
24	37	2/93 RFO	Bobbin	ODI	13	1.50	10TH TSP	+44.96
24	40	2/93 RFO	Bobbin	ODI	27	0.74	10TH TSP	+22.69
24	51	2/93 RFO	Bobbin	ODI	7	0.68	5TH TSP	+28.65
24	60	2/93 RFO	Bobbin	NQI		1.40	7TH TSP	+22.65
		2/93 RFO	H/L Special Int	VOL		0.70	7TH TSP	+22.74
24	61	2/93 RFO	Bobbin	ADS		4.92	7TH TSP	+8.65
24	62	2/93 RFO	Bobbin	NQI		0.48	11TH TSP	-0.83
		2/93 RFO	C/L Special Int	NQI		0.39	11TH TSP	-0.84
24	71	2/93 RFO	Bobbin	ADS		4.53	13TH TSP	+10.38
		2/93 RFO	Bobbin	NQI		0.41	13TH TSP	+11.88
		2/93 RFO	Bobbin	NQI		0.60	13TH TSP	+13.10
		2/93 RFO	C/L Special Int	VOL		0.36	13TH TSP	+11.77
		2/93 RFO	C/L Special Int	VOL		0.43	13TH TSP	+12.96
		2/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+10.37
24	72	2/93 RFO	Bobbin	NQI		0.50	10TH TSP	+37.30
		2/93 RFO	Bobbin	NQI		1.28	10TH TSP	+38.66
		2/93 RFO	C/L Special Int	VOL		0.34	10TH TSP	+38.84
24	86	2/93 RFO	Bobbin	ADS		10.87	3AVB	+5.04
		2/93 RFO	Bobbin	ADS		2.61	11TH TSP	+5.11
		2/93 RFO	Bobbin	ODI	8	1.27	4TH TSP	+10.73
		2/93 RFO	Bobbin	ODI	18	1.72	10TH TSP	+39.27
24	91	2/93 RFO	Bobbin	ADS		3.98	17TH TSP	+8.28
		2/93 RFO	Bobbin	ADS		6.00	17TH TSP	+7.45
		2/93 RFO	Bobbin	ODI	14	0.75	16TH TSP	+8.60
		2/93 RFO	H/L Tubesheet	VOL		0.39	TTS-HL	+1.17
		2/93 RFO	C/L Special Int	VOL		0.38	17TH TSP	+8.20
		2/93 RFO	C/L Special Int	VOL		0.62	17TH TSP	+7.21
24	92	2/93 RFO	Bobbin	NQI		0.80	14TH TSP	+6.43
		2/93 RFO	C/L Special Int	VOL		0.43	14TH TSP	+6.42
24	103	2/93 RFO	Bobbin	ADS		2.66	17TH TSP	+5.77
		2/93 RFO	C/L Special Int	VOL		0.23	17TH TSP	+2.94
24	104	2/93 RFO	Bobbin	ADS		3.82	11TH TSP	+2.26 to +29.98
		2/93 RFO	C/L Special Int	VOL		0.22	11TH TSP	+21.05
		2/93 RFO	C/L Special Int	VOL		0.28	11TH TSP	+4.04
		2/93 RFO	C/L Special Int	VOL		0.29	11TH TSP	+2.00
		2/93 RFO	C/L Special Int	VOL		0.33	11TH TSP	+13.99
		2/93 RFO	C/L Special Int	VOL		0.34	11TH TSP	+22.33
		2/93 RFO	C/L Special Int	VOL		0.38	11TH TSP	+27.67
24	106	2/93 RFO	Bobbin	ADS		4.27	5TH TSP	+18.07

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin	ADS		5.46	3RD TSP +22.07
		2/93 RFO	Bobbin	ADS		1.89	13TH TSP +9.70
		2/93 RFO	Bobbin	ADS		3.07	12TH TSP +22.23
		2/93 RFO	H/L Special Int	VOL		0.51	5TH TSP +16.85
		2/93 RFO	H/L Special Int	VOL		0.56	3RD TSP +22.32
		2/93 RFO	C/L Special Int	VOL		0.28	13TH TSP +9.31
		2/93 RFO	C/L Special Int	VOL		0.40	12TH TSP +21.72
		2/93 RFO	C/L Special Int	VOL		0.51	12TH TSP +3.47
25	8	2/93 RFO	Bobbin	NQI		0.71	10TH TSP +36.60
		2/93 RFO	Bobbin	NQI		0.49	10TH TSP +24.96 to +25.56
25	14	2/93 RFO	Bobbin	NQI		0.74	7TH TSP +37.30
		2/93 RFO	Bobbin	NQI		1.00	7TH TSP +41.35
		2/93 RFO	Bobbin	ODI	3	1.26	7TH TSP +24.24
25	21	2/93 RFO	Bobbin	ADS		9.80	8TH TSP +55.64
25	23	2/93 RFO	Bobbin	ODI	10	1.14	10TH TSP +39.45
		2/93 RFO	C/L Special Int	VOL		0.73	9TH TSP -5.88
25	34	2/93 RFO	Bobbin	ADS		3.71	6TH TSP +36.50
		2/93 RFO	H/L Special Int	VOL		0.29	7TH TSP -6.62
25	43	2/93 RFO	Bobbin	ADS		4.99	16TH TSP +10.17
		2/93 RFO	Bobbin	ADS		6.35	13TH TSP +40.05
		2/93 RFO	Bobbin	ADS		10.30	12TH TSP +8.95
		2/93 RFO	C/L Special Int	NQI		0.74	12TH TSP +8.74
		2/93 RFO	C/L Special Int	VOL		0.37	16TH TSP +9.77
		2/93 RFO	C/L Special Int	VOL		0.47	12TH TSP -3.33
25	44	2/93 RFO	Bobbin	ODI	1	0.76	7TH TSP +22.96
		2/93 RFO	Bobbin	ODI	3	0.57	7TH TSP +21.80
		2/93 RFO	Bobbin	ODI	50	0.57	10TH TSP +30.30
25	50	2/93 RFO	Bobbin	ADS		5.54	6TH TSP +40.34
		2/93 RFO	H/L Special Int	VOL		0.46	7TH TSP -2.61
25	62	2/93 RFO	Bobbin	ODI	8	1.57	2ND TSP +10.43
		2/93 RFO	Bobbin	ODI	13	1.68	4TH TSP +32.05
		2/93 RFO	H/L Special Int	VOL		0.69	5TH TSP -10.02
25	63	2/93 RFO	Bobbin	NQI		1.79	4AVB +9.64
		2/93 RFO	C/L Special Int	VOL		0.77	4AVB +10.71
25	71	2/93 RFO	Bobbin	ADS		4.23	5TH TSP +23.75
25	75	2/93 RFO	Bobbin	ODI	6	0.82	15TH TSP +12.82
25	80	2/93 RFO	Bobbin	NQI		0.94	5TH TSP +28.25
		2/93 RFO	H/L Special Int	VOL		0.38	6TH TSP -13.20
25	96	2/93 RFO	Bobbin	NQI		0.70	7TH TSP +23.77
		2/93 RFO	Bobbin	NQI		0.62	13TH TSP +5.12
		2/93 RFO	H/L Special Int	VOL		0.42	7TH TSP +23.26
		2/93 RFO	C/L Special Int	VOL		0.34	13TH TSP +5.29
26	9	2/93 RFO	Bobbin	NQI		0.80	12TH TSP +17.25
		2/93 RFO	Bobbin	ODI	15	0.57	10TH TSP +15.76
		2/93 RFO	Bobbin	ODI	18	0.41	10TH TSP +16.21
		2/93 RFO	C/L Special Int	VOL		0.42	11TH TSP -25.75
26	18	2/93 RFO	Bobbin	ADS		0.72	14TH TSP +8.52
		2/93 RFO	Bobbin	ADS		1.06	13TH TSP +36.69
		2/93 RFO	Bobbin	ADS		2.61	12TH TSP +30.85
		2/93 RFO	C/L Special Int	VOL		0.16	14TH TSP +7.77
		2/93 RFO	C/L Special Int	VOL		0.30	12TH TSP -6.17
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP -11.92
26	19	2/93 RFO	Bobbin	ODI	2	1.17	3RD TSP +29.34
		2/93 RFO	Bobbin	ODI	6	1.61	3RD TSP +33.35
		2/93 RFO	Bobbin	ODI	2	1.34	10TH TSP +22.15
26	23	2/93 RFO	Bobbin	ADS		13.05	7TH TSP +32.02
26	27	2/93 RFO	Bobbin	NQI		1.19	4TH TSP +12.05
		2/93 RFO	H/L Special Int	VOL		0.35	4TH TSP +11.57
26	28	2/93 RFO	Bobbin	ADS		4.04	16TH TSP +4.72
		2/93 RFO	C/L Special Int	VOL		0.24	16TH TSP +4.27
26	36	2/93 RFO	Bobbin	NQI		0.46	10TH TSP +37.09
		2/93 RFO	C/L Special Int	VOL		0.47	9TH TSP -6.79
26	37	2/93 RFO	Bobbin	ODI	33	1.71	10TH TSP +39.22
26	39	2/93 RFO	Bobbin	ODI	9	2.39	5TH TSP +8.51
		2/93 RFO	Bobbin	ODI	22	0.97	7TH TSP +37.84

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
26	42	2/93 RFO	Bobbin	ADS		3.43	15TH TSP	+12.66
		2/93 RFO	C/L Special Int	VOL		0.21	14TH TSP	-5.33
26	45	2/93 RFO	Bobbin	ODI	5	1.30	10TH TSP	+32.16
26	46	2/93 RFO	Bobbin	ODI	5	3.94	4TH TSP	+3.62
		2/93 RFO	Bobbin	ODI	28	0.70	9TH TSP	+0.20
		2/93 RFO	Bobbin	ODI	8	1.36	10TH TSP	+23.47
26	56	2/93 RFO	Bobbin	ADS		10.95	2AVB	+3.24
		2/93 RFO	Bobbin	ADS		8.19	10TH TSP	+18.55
		2/93 RFO	Bobbin	ODI	6	2.03	3RD TSP	+18.75
		2/93 RFO	Bobbin	ODI	16	2.15	3RD TSP	+20.76
		2/93 RFO	C/L Special Int	VOL		0.51	2AVB	+3.43
		2/93 RFO	C/L Special Int	VOL		0.32	10TH TSP	+16.87
26	70	2/93 RFO	Bobbin	ADS		3.21	11TH TSP	+22.52
		2/93 RFO	Bobbin	ADS		4.21	11TH TSP	+36.25
		2/93 RFO	C/L Special Int	VOL		0.27	11TH TSP	+35.56
26	74	2/93 RFO	Bobbin	ADS		1.70	14TH TSP	+3.19
26	83	2/93 RFO	Bobbin	ADS		1.61	7TH TSP	+8.74
		2/93 RFO	H/L Special Int	VOL		0.27	7TH TSP	+8.16
26	95	2/93 RFO	Bobbin	ADS		6.62	11TH TSP	+25.76
		2/93 RFO	C/L Special Int	VOL		0.48	11TH TSP	+25.60
27	11	2/93 RFO	Bobbin	ADS		5.07	13TH TSP	+14.02
		2/93 RFO	C/L Special Int	VOL		0.50	13TH TSP	+13.85
		2/93 RFO	C/L Special Int	VOL		0.64	13TH TSP	+12.89
27	12	2/93 RFO	Bobbin	ODI	12	1.46	18TH TSP	+10.72
27	15	2/93 RFO	Bobbin	ODI	9	0.86	10TH TSP	+38.62
27	19	2/93 RFO	Bobbin	ODI	17	0.37	11TH TSP	+25.94
27	22	2/93 RFO	Bobbin	ODI	5	0.73	10TH TSP	+43.09
27	25	2/93 RFO	Bobbin	ODI	16	0.69	10TH TSP	+41.19
27	27	2/93 RFO	Bobbin	ADS		3.63	4TH TSP	+27.22
		2/93 RFO	Bobbin	ODI	12	0.84	10TH TSP	+10.76
		2/93 RFO	H/L Special Int	VOL		0.29	5TH TSP	-14.75
27	30	2/93 RFO	Bobbin	ODI	22	0.48	11TH TSP	+33.83
27	31	2/93 RFO	Bobbin	ODI	16	0.46	7TH TSP	+40.17
27	37	2/93 RFO	Bobbin	ODI	18	0.85	10TH TSP	+43.21
		2/93 RFO	C/L Special Int	VOL		0.19	9TH TSP	-7.52
		2/93 RFO	C/L Special Int	VOL		0.31	9TH TSP	-6.77
		2/93 RFO	C/L Special Int	VOL		0.32	9TH TSP	-1.51
		2/93 RFO	C/L Special Int	VOL		0.43	9TH TSP	-2.56
27	39	2/93 RFO	Bobbin	NQI		0.75	10TH TSP	+43.97
		2/93 RFO	Bobbin	ODI	18	0.52	7TH TSP	+36.49
27	49	2/93 RFO	Bobbin	NQI		1.13	3RD TSP	+4.70
		2/93 RFO	H/L Special Int	VOL		0.21	3RD TSP	+4.76
27	51	2/93 RFO	Bobbin	ODI	10	0.98	10TH TSP	+38.77
27	53	2/93 RFO	Bobbin	ODI	3	1.00	7TH TSP	+25.36
27	67	2/93 RFO	Bobbin	ODI	15	1.16	13TH TSP	+13.90
27	88	2/93 RFO	Bobbin	NQI		1.25	1ST TSP	+14.82 to +26.70
27	94	2/93 RFO	H/L Tubesheet	VOL		1.26	TTS-HL	+0.73
27	97	2/93 RFO	Bobbin	ODI	18	1.28	13TH TSP	+38.06
		2/93 RFO	Bobbin	ODI	21	1.18	13TH TSP	+39.90
		2/93 RFO	Bobbin	ADS		5.16	12TH TSP	+5.98 to +28.55
		2/93 RFO	C/L Special Int	VOL		0.26	12TH TSP	+13.44
		2/93 RFO	C/L Special Int	VOL		0.34	12TH TSP	+19.08
		2/93 RFO	C/L Special Int	VOL		0.38	12TH TSP	+27.97
		2/93 RFO	C/L Special Int	VOL		0.41	12TH TSP	+10.03
27	105	2/93 RFO	Bobbin	ODI	17	0.67	7TH TSP	+40.61
27	106	2/93 RFO	Bobbin	ADS		1.55	6TH TSP	+37.13
		2/93 RFO	Bobbin	ADS		2.29	6TH TSP	+41.62
		2/93 RFO	H/L Special Int	VOL		0.15	7TH TSP	-5.48
28	12	2/93 RFO	Bobbin	NQI		0.51	7TH TSP	+32.89
		2/93 RFO	Bobbin	ODI	18	1.06	10TH TSP	+26.43
28	16	2/93 RFO	Bobbin	ODI	18	1.21	9TH TSP	+1.35
		2/93 RFO	Bobbin	ODI	16	1.83	12TH TSP	+12.71
28	18	2/93 RFO	Bobbin	ODI	15	1.86	11TH TSP	+25.54
28	19	2/93 RFO	Bobbin	NQI		0.44	7TH TSP	+29.74
		2/93 RFO	Bobbin	NQI		0.91	10TH TSP	+37.24

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	Bobbin	NQI		1.11	10TH TSP +44.31
		2/93 RFO	Bobbin	ODI	13	1.16	7TH TSP +41.21
		2/93 RFO	Bobbin	ODI	18	1.39	7TH TSP +38.00
28	23	2/93 RFO	Bobbin	ODI	1	1.53	7TH TSP +38.08
28	25	2/93 RFO	Bobbin	ODI	11	0.52	7TH TSP +39.90
		2/93 RFO	Bobbin	ODI	8	0.73	10TH TSP +8.13
		2/93 RFO	Bobbin	ODI	14	1.00	10TH TSP +38.04
28	27	2/93 RFO	Bobbin	ADS		3.42	6TH TSP +24.40
		2/93 RFO	Bobbin	ADS		3.25	16TH TSP +8.76
		2/93 RFO	H/L Special Int	VOL		0.24	6TH TSP +23.60
		2/93 RFO	C/L Special Int	VOL		0.22	16TH TSP +7.96
28	33	2/93 RFO	Bobbin	ADS		3.14	12TH TSP +5.42
		2/93 RFO	Bobbin	ADS		11.89	19TH TSP +3.25
		2/93 RFO	C/L Special Int	VOL		0.34	12TH TSP +5.01
		2/93 RFO	C/L Special Int	VOL		0.37	19TH TSP +2.65
28	39	2/93 RFO	Bobbin	ADS		2.60	4TH TSP +9.69
		2/93 RFO	H/L Special Int	VOL		0.62	4TH TSP +9.40
28	40	2/93 RFO	Bobbin	ODI	3	1.45	7TH TSP +31.96
28	41	2/93 RFO	Bobbin	ODI	3	1.21	1ST TSP +11.31
28	45	2/93 RFO	Bobbin	ODI	9	0.72	6TH TSP +6.25
28	63	2/93 RFO	Bobbin	NQI		1.98	7TH TSP +39.04
28	64	2/93 RFO	Bobbin	ODI	11	1.21	16TH TSP +16.10
		2/93 RFO	C/L Special Int	VOL		0.37	15TH TSP -1.81
28	68	2/93 RFO	Bobbin	ODI	17	1.00	4TH TSP +24.38
		2/93 RFO	Bobbin	ODI	4	0.65	16TH TSP +13.60
		2/93 RFO	H/L Special Int	VOL		0.32	4TH TSP +21.31
28	71	2/93 RFO	Bobbin	WAR	23	1.71	2AVB +0.00
28	73	2/93 RFO	Bobbin	NQI		0.87	3RD TSP +3.69
28	76	2/93 RFO	Bobbin	NQI		0.65	15TH TSP +6.01
		2/93 RFO	Bobbin	NQI		1.14	16TH TSP +12.47
		2/93 RFO	C/L Special Int	VOL		0.54	15TH TSP +6.01
		2/93 RFO	C/L Special Int	VOL		0.99	16TH TSP +12.47
28	83	2/93 RFO	Bobbin	ODI	1	0.90	10TH TSP +39.37
28	84	2/93 RFO	Bobbin	ODI	5	1.01	10TH TSP +32.36
28	91	2/93 RFO	Bobbin	NQI		0.51	14TH TSP +4.28
		2/93 RFO	Bobbin	NQI		0.56	14TH TSP +5.46
		2/93 RFO	Bobbin	NQI		0.60	15TH TSP +13.21
		2/93 RFO	Bobbin	NQI		0.68	15TH TSP +14.52
		2/93 RFO	Bobbin	NQI		0.99	15TH TSP +15.77
		2/93 RFO	Bobbin	NQI		1.01	14TH TSP +2.88
28	94	2/93 RFO	Bobbin	ODI	11	2.48	17TH TSP +1.98
28	97	2/93 RFO	Bobbin	NQI		0.39	10TH TSP +24.35
		2/93 RFO	Bobbin	NQI		0.49	10TH TSP +22.97
28	102	2/93 RFO	Bobbin	NQI		0.61	7TH TSP +38.90
28	104	2/93 RFO	Bobbin	NQI		0.49	11TH TSP +29.71
		2/93 RFO	Bobbin	NQI		1.09	11TH TSP +24.68
		2/93 RFO	C/L Special Int	VOL		0.24	10TH TSP -16.83
		2/93 RFO	C/L Special Int	VOL		0.33	10TH TSP -13.21
		2/93 RFO	C/L Special Int	VOL		0.44	10TH TSP -18.12
28	105	2/93 RFO	Bobbin	WAR	15	0.85	2AVB +0.00
		2/93 RFO	Bobbin	NQI		0.52	10TH TSP +30.55
		2/93 RFO	Bobbin	NQI		0.60	10TH TSP +34.18
28	106	2/93 RFO	Bobbin	NQI		0.66	12TH TSP +10.52
		2/93 RFO	C/L Special Int	VOL		0.17	12TH TSP +10.35
29	11	2/93 RFO	Bobbin	ADS		1.02	5TH TSP +19.02
		2/93 RFO	Bobbin	ODI	15	0.89	10TH TSP +43.64
		2/93 RFO	H/L Special Int	VOL		0.41	5TH TSP +17.38
29	17	2/93 RFO	Bobbin	ODI	14	2.36	10TH TSP +23.37
29	32	2/93 RFO	Bobbin	ODI	11	0.98	5TH TSP +40.72
29	36	2/93 RFO	Bobbin	NQI		0.80	5TH TSP +3.30
		2/93 RFO	Bobbin	NQI		1.00	5TH TSP +5.93
		2/93 RFO	Bobbin	ODI	14	0.62	4TH TSP +38.72
		2/93 RFO	H/L Special Int	VOL		0.41	5TH TSP +5.81
		2/93 RFO	H/L Special Int	VOL		0.42	5TH TSP +3.17
29	37	2/93 RFO	Bobbin	NQI		1.40	3RD TSP +15.41

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin	NQI		0.45	7TH TSP +32.13
		2/93 RFO	Bobbin	NQI		0.90	3RD TSP +13.34
		2/93 RFO	Bobbin	ODI	1	0.68	10TH TSP +27.13
		2/93 RFO	Bobbin	ODI	13	2.71	10TH TSP +23.69
		2/93 RFO	H/L Special Int	NQI		0.24	3RD TSP +12.82
		2/93 RFO	H/L Special Int	VOL		0.09	3RD TSP +14.90
29	39	2/93 RFO	Bobbin	ODI	1	0.91	7TH TSP +39.86
		2/93 RFO	Bobbin	ODI	6	0.84	7TH TSP +35.82
		2/93 RFO	Bobbin	ODI	30	0.46	10TH TSP +42.24
29	43	2/93 RFO	Bobbin	ODI	5	1.00	17TH TSP +6.77
		2/93 RFO	C/L Special Int	VOL		0.29	17TH TSP +6.43
29	50	2/93 RFO	Bobbin	NQI		0.95	2ND TSP +13.56
		2/93 RFO	Bobbin	ODI	6	1.66	6TH TSP +9.62
		2/93 RFO	H/L Special Int	VOL		0.56	2ND TSP +13.94
29	51	2/93 RFO	Bobbin	ADS		7.58	7TH TSP +17.28
		2/93 RFO	Bobbin	ODI	7	2.18	7TH TSP +16.25
		2/93 RFO	Bobbin	ODI	8	0.56	7TH TSP +14.31
		2/93 RFO	Bobbin	ODI	1	0.90	10TH TSP +5.50
29	59	2/93 RFO	Bobbin	NQI		1.58	18TH TSP +12.83
		2/93 RFO	Bobbin	NQI		1.75	18TH TSP +14.54
29	63	2/93 RFO	Bobbin	NQI		1.19	TTS-CL +1.75
		2/93 RFO	Bobbin	NQI		1.29	14TH TSP +10.43
		2/93 RFO	Bobbin	ODI	15	0.67	7TH TSP +25.53
		2/93 RFO	C/L Special Int	VOL		0.38	TTS-CL +1.74
29	66	2/93 RFO	Bobbin	ADS		2.43	10TH TSP +26.26
		2/93 RFO	Bobbin	ADS		5.42	14TH TSP +1.12
		2/93 RFO	Bobbin	ODI	5	19	15TH TSP +7.12
		2/93 RFO	Bobbin	ODI	8	24	14TH TSP +6.48
		2/93 RFO	C/L Special Int	VOL		0	14TH TSP +0.56
29	70	2/93 RFO	Bobbin	NQI		0.00	7TH TSP -1.13
		2/93 RFO	H/L Special Int	VOL		0.31	7TH TSP -1.24
29	71	2/93 RFO	Bobbin	NQI		0.40	7TH TSP +37.54
		2/93 RFO	Bobbin	ODI	12	0.44	10TH TSP +5.60
30	14	2/93 RFO	Bobbin	ODI	1	2.02	10TH TSP +33.97
30	20	2/93 RFO	Bobbin	ODI	18	5.79	1ST TSP +24.45
30	21	2/93 RFO	Bobbin	ODI	1	2.75	10TH TSP +43.15
30	22	2/93 RFO	Bobbin	ODI	20	0.79	7TH TSP +29.92
30	28	2/93 RFO	Bobbin	ADS		3.11	18TH TSP +12.21
30	31	2/93 RFO	Bobbin	NQI		0.49	11TH TSP +23.17
		2/93 RFO	C/L Special Int	VOL		0.22	11TH TSP +26.24
30	32	2/93 RFO	Bobbin	ODI	6	0.73	4TH TSP +32.01
30	36	2/93 RFO	Bobbin	NQI		1.03	2ND TSP +25.18
		2/93 RFO	H/L Special Int	VOL		0.29	2ND TSP +25.79
30	37	2/93 RFO	Bobbin	NQI		0.28	9TH TSP +0.03
30	39	2/93 RFO	Bobbin	ADS		4.03	11TH TSP +10.31
30	41	2/93 RFO	Bobbin	ODI	15	3.44	14TH TSP +1.55
30	46	2/93 RFO	Bobbin	ODI	3	0.62	10TH TSP +35.80
		2/93 RFO	Bobbin	ODI	5	0.89	10TH TSP +32.20
30	47	2/93 RFO	Bobbin	NQI		0.80	4TH TSP +20.25
		2/93 RFO	H/L Special Int	VOL		0.26	4TH TSP +20.33
30	54	2/93 RFO	Bobbin	ADS		6.19	13TH TSP +15.53
30	55	2/93 RFO	Bobbin	ADS		1.66	13TH TSP +13.52
		2/93 RFO	C/L Special Int	VOL		0.21	13TH TSP +13.02
		2/93 RFO	C/L Special Int	VOL		0.31	15TH TSP +16.97
30	59	2/93 RFO	Bobbin	ADS		2.57	7TH TSP +34.77
		2/93 RFO	Bobbin	ODI	15	1.29	7TH TSP +33.89
		2/93 RFO	Bobbin	ODI	24	0.88	9TH TSP -0.58
		2/93 RFO	Bobbin	ODI	26	0.99	7TH TSP +31.31
30	62	2/93 RFO	Bobbin	WAR	16	0.91	3AVB +0.00
30	71	2/93 RFO	Bobbin	ODI	33	1.33	5TH TSP +36.71
30	77	2/93 RFO	Bobbin	NQI		1.33	17TH TSP +8.99
		2/93 RFO	C/L Special Int	VOL		0.29	17TH TSP +8.95
30	79	2/93 RFO	Bobbin	NQI		2.27	16TH TSP +1.02
		2/93 RFO	C/L Special Int	VOL		0.51	16TH TSP +1.15
30	95	2/93 RFO	Bobbin	NQI		1.28	13TH TSP +25.33

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
 REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
30	105	2/93 RFO	Bobbin	ADS		5.15	2ND TSP +29.31
		2/93 RFO	H/L Special Int	VOL		0.50	3RD TSP -5.71
31	15	2/93 RFO	Bobbin	ADS		5.29	TTS-CL +5.91
		2/93 RFO	Bobbin	ADS		1.88	13TH TSP +32.39
		2/93 RFO	C/L Special Int	VOL		0.17	TTS-CL +5.51
31	16	2/93 RFO	Bobbin	NQI		0.61	8TH TSP -0.03
		2/93 RFO	Bobbin	NQI		3.70	9TH TSP -1.53
		2/93 RFO	Bobbin	ADS		1.85	10TH TSP +38.99
		2/93 RFO	Bobbin	NQI		4.69	10TH TSP +31.70
		2/93 RFO	Bobbin	ODI	1	1.41	7TH TSP +25.99
		2/93 RFO	Bobbin	ODI	1	1.55	10TH TSP +37.75
		2/93 RFO	Bobbin	ODI	3	1.11	10TH TSP +30.54
		2/93 RFO	Bobbin	ODI	5	0.40	10TH TSP +40.95
		2/93 RFO	Bobbin	ODI	5	0.84	10TH TSP +30.17
		2/93 RFO	Bobbin	ODI	7	0.41	10TH TSP +29.04
		2/93 RFO	Bobbin	ODI	22	0.91	10TH TSP +43.81
		2/93 RFO	Bobbin	ODI	26	0.94	10TH TSP +43.35
		2/93 RFO	Bobbin	ODI	30	0.41	10TH TSP +36.57
31	18	2/93 RFO	Bobbin	ODI	1	2.02	7TH TSP +35.62
		2/93 RFO	Bobbin	ODI	1	2.17	7TH TSP +34.08
31	19	2/93 RFO	Bobbin	ADS		2.22	16TH TSP +8.35
		2/93 RFO	C/L Special Int	VOL		0.28	16TH TSP +9.68
31	20	2/93 RFO	Bobbin	ADS		5.63	1AVB +8.39
		2/93 RFO	C/L Special Int	VOL		0.48	1AVB +9.54
		2/93 RFO	C/L Special Int	VOL		0.54	1AVB +5.92
31	21	2/93 RFO	Bobbin	ADS		4.40	7TH TSP +26.94
		2/93 RFO	H/L Special Int	VOL		0.30	7TH TSP +27.83
31	22	2/93 RFO	Bobbin	ADS		2.36	14TH TSP +6.02
		2/93 RFO	C/L Special Int	VOL		0.10	14TH TSP +6.30
31	23	2/93 RFO	Bobbin	ADS		7.79	13TH TSP +8.23
		2/93 RFO	C/L Special Int	VOL		0.38	13TH TSP +8.32
31	24	2/93 RFO	Bobbin	ADS		4.67	3RD TSP +30.24
31	34	2/93 RFO	Bobbin	NQI		0.84	3RD TSP +12.05
		2/93 RFO	H/L Special Int	VOL		0.24	3RD TSP +11.99
31	37	2/93 RFO	Bobbin	ADS		8.82	7TH TSP +29.23
		2/93 RFO	Bobbin	NQI		0.81	4TH TSP +39.38
		2/93 RFO	Bobbin	ADS		5.27	13TH TSP +27.19
		2/93 RFO	H/L Special Int	VOL		0.61	7TH TSP +30.47
		2/93 RFO	C/L Special Int	VOL		0.11	13TH TSP +27.35
31	38	2/93 RFO	Bobbin	ADS		4.23	19TH TSP +2.02
31	39	2/93 RFO	Bobbin	ODI	34	1.34	11TH TSP +12.20
31	43	2/93 RFO	Bobbin	ADS		3.56	12TH TSP +17.22
31	44	2/93 RFO	Bobbin	NQI		0.55	4TH TSP +14.71
		2/93 RFO	Bobbin	NQI		0.90	16TH TSP +5.84
		2/93 RFO	C/L Special Int	VOL		0.58	16TH TSP +5.13
31	47	2/93 RFO	Bobbin	NQI		0.45	14TH TSP +12.20
		2/93 RFO	Bobbin	ODI	1	4.89	11TH TSP +29.96
		2/93 RFO	Bobbin	ODI	23	0.81	14TH TSP +13.19
31	48	2/93 RFO	Bobbin	NQI		0.56	7TH TSP +34.99
		2/93 RFO	H/L Special Int	VOL		0.29	8TH TSP -10.27
31	49	2/93 RFO	Bobbin	ADS		3.99	16TH TSP +7.56
		2/93 RFO	C/L Special Int	VOL		0.29	16TH TSP +6.24
31	50	2/93 RFO	C/L Special Int	VOL		0.47	15TH TSP +14.97
31	59	2/93 RFO	Bobbin	NQI		0.50	10TH TSP +41.41
		2/93 RFO	Bobbin	NQI		0.98	10TH TSP +42.80
31	63	2/93 RFO	Bobbin	ADS		3.52	12TH TSP +19.31
		2/93 RFO	Bobbin	ADS		4.21	12TH TSP +27.68
		2/93 RFO	Bobbin	ADS		6.72	12TH TSP +22.56
		2/93 RFO	Bobbin	ADS		7.88	12TH TSP +24.64
		2/93 RFO	C/L Special Int	VOL		0.29	12TH TSP +18.18
		2/93 RFO	C/L Special Int	VOL		0.31	12TH TSP +26.34
		2/93 RFO	C/L Special Int	VOL		0.56	12TH TSP +21.42
		2/93 RFO	C/L Special Int	VOL		0.64	12TH TSP +23.45
31	68	2/93 RFO	Bobbin	ADS		9.22	7TH TSP -22.34
		2/93 RFO	H/L Special Int	VOL		0.37	7TH TSP +22.34

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
31	77	2/93 RFO	Bobbin	ADS		3.74	11TH TSP	+40.09
		2/93 RFO	C/L Special Int	VOL		0.24	11TH TSP	+39.62
31	78	2/93 RFO	Bobbin	ADS		3.30	13TH TSP	+39.28
		2/93 RFO	C/L Special Int	VOL		0.10	12TH TSP	-5.25
		2/93 RFO	C/L Special Int	VOL		0.32	12TH TSP	-3.85
31	82	2/93 RFO	Bobbin	NQI		0.57	7TH TSP	+23.74
31	85	2/93 RFO	Bobbin	ADS		5.46	6TH TSP	+13.87
		2/93 RFO	H/L Special Int	VOL		0.81	6TH TSP	+15.31
31	86	2/93 RFO	Bobbin	ADS		6.36	8TH TSP	+34.03
31	88	2/93 RFO	Bobbin	NQI		0.70	10TH TSP	+42.16
32	17	2/93 RFO	Bobbin	NQI		2.65	14TH TSP	+11.56
32	22	2/93 RFO	Bobbin	ADS		2.44	12TH TSP	+17.63
		2/93 RFO	C/L Special Int	VOL		0.24	12TH TSP	+17.38
32	27	2/93 RFO	Bobbin	ODI	1	1.29	2ND TSP	+28.89
		2/93 RFO	Bobbin	ODI	2	0.98	18TH TSP	+3.12
		2/93 RFO	C/L Special Int	VOL		0.30	18TH TSP	+3.11
32	28	2/93 RFO	Bobbin	ODI	1	0.67	5TH TSP	+14.07
32	29	2/93 RFO	Bobbin	NQI		0.95	3RD TSP	+15.53
		2/93 RFO	Bobbin	ODI	3	1.14	3RD TSP	+24.49
		2/93 RFO	Bobbin	ODI	8	1.60	3RD TSP	+23.43
		2/93 RFO	Bobbin	ODI	28	1.01	3RD TSP	+26.25
		2/93 RFO	H/L Special Int	VOL		0.25	3RD TSP	+15.67
		2/93 RFO	H/L Special Int	VOL		0.42	3RD TSP	+23.69
		2/93 RFO	H/L Special Int	VOL		0.62	3RD TSP	+24.85
		2/93 RFO	H/L Special Int	VOL		0.68	3RD TSP	+26.65
32	31	2/93 RFO	Bobbin	ODI	1	1.22	11TH TSP	+9.85
		2/93 RFO	Bobbin	ODI	1	1.57	11TH TSP	+26.13
32	32	2/93 RFO	Bobbin	NQI		1.31	8TH TSP	+54.53
32	36	2/93 RFO	Bobbin	ODI	1	1.48	7TH TSP	+37.03
32	37	2/93 RFO	Bobbin	NQI		1.03	6TH TSP	+21.67
32	38	2/93 RFO	Bobbin	NQI		4.93	10TH TSP	+43.40
		2/93 RFO	Bobbin	ODI	1	1.40	10TH TSP	+42.29
32	42	2/93 RFO	Bobbin	NQI		1.19	7TH TSP	+6.61
32	44	2/93 RFO	Bobbin	NQI		0.31	7TH TSP	+30.27
		2/93 RFO	Bobbin	NQI		1.27	7TH TSP	+31.45
		2/93 RFO	Bobbin	NQI		3.12	7TH TSP	+23.17
		2/93 RFO	Bobbin	ADS		1.46	10TH TSP	+43.37
		2/93 RFO	Bobbin	NQI		1.30	10TH TSP	+18.86
		2/93 RFO	Bobbin	NQI		1.83	10TH TSP	+9.87
		2/93 RFO	Bobbin	ODI	1	1.13	7TH TSP	+22.04
		2/93 RFO	Bobbin	ODI	1	1.90	7TH TSP	+9.71
		2/93 RFO	Bobbin	ODI	1	2.31	10TH TSP	+11.18
		2/93 RFO	Bobbin	ODI	1	2.31	10TH TSP	+11.21
		2/93 RFO	Bobbin	ODI	3	0.49	11TH TSP	+31.32
		2/93 RFO	Bobbin	ODI	5	0.84	10TH TSP	+8.63
		2/93 RFO	Bobbin	ODI	21	0.50	10TH TSP	+17.60
		2/93 RFO	H/L Special Int	VOL		0.18	7TH TSP	+30.14
32	45	2/93 RFO	Bobbin	ADS		3.00	5TH TSP	+31.27
		2/93 RFO	Bobbin	ODI	3	0.58	12TH TSP	+15.59
		2/93 RFO	H/L Special Int	VOL		0.28	5TH TSP	+32.40
32	46	2/93 RFO	Bobbin	ADS		1.58	19TH TSP	+6.34
		2/93 RFO	Bobbin	ODI	1	1.22	10TH TSP	+43.20
32	47	2/93 RFO	Bobbin	NQI		0.76	2ND TSP	+26.88
		2/93 RFO	Bobbin	ODI	1	1.45	10TH TSP	+32.42
		2/93 RFO	H/L Special Int	VOL		0.19	3RD TSP	-8.99
32	48	2/93 RFO	Bobbin	NQI		0.81	13TH TSP	+23.16
		2/93 RFO	C/L Special Int	VOL		0.25	12TH TSP	-20.00
32	59	2/93 RFO	Bobbin	ODI	3	0.84	7TH TSP	+30.99
32	62	2/93 RFO	Bobbin	ADS		3.42	11TH TSP	+33.19
		2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP	-9.99
32	65	2/93 RFO	Bobbin	ODI	12	3.04	13TH TSP	+25.77
32	66	2/93 RFO	Bobbin	ODI	12	0.55	10TH TSP	+37.44
32	76	2/93 RFO	Bobbin	ODI	14	4.44	8TH TSP	+16.63
		2/93 RFO	C/L Special Int	VOL		0.84	8TH TSP	+17.06
32	82	2/93 RFO	Bobbin	NQI		0.55	7TH TSP	+39.73

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
32	86	2/93 RFO	Bobbin	ADS		16.77	8TH TSP +81.15
		2/93 RFO	C/L Special Int	VOL		0.33	8TH TSP +80.54
32	101	2/93 RFO	Bobbin	ADS		6.90	4AVB -10.23
		2/93 RFO	C/L Special Int	VOL		0.39	4AVB -10.66
32	103	2/93 RFO	Bobbin	ADS		1.55	15TH TSP +3.15
		2/93 RFO	Bobbin	ADS		1.97	15TH TSP +4.75
		2/93 RFO	Bobbin	ADS		4.73	10TH TSP +43.32
		2/93 RFO	C/L Special Int	VOL		0.30	9TH TSP -2.54
33	13	2/93 RFO	Bobbin	WAR	22	1.44	2AVB +0.00
		2/93 RFO	Bobbin	ODI	19	0.55	10TH TSP +19.67
33	17	2/93 RFO	Bobbin	NQI		0.59	10TH TSP +40.10
33	28	2/93 RFO	Bobbin	NQI		0.57	10TH TSP +33.89
33	30	2/93 RFO	Bobbin	ADS		3.79	13TH TSP +28.58
		2/93 RFO	C/L Special Int	VOL		0.30	13TH TSP +26.95
33	34	2/93 RFO	Bobbin	NQI		2.10	13TH TSP +15.78
		2/93 RFO	C/L Special Int	VOL		0.38	13TH TSP +15.23
33	41	2/93 RFO	Bobbin	NQI		1.59	3RD TSP +26.75
		2/93 RFO	H/L Special Int	VOL		0.45	4TH TSP -9.68
33	46	2/93 RFO	Bobbin	NQI		0.48	10TH TSP +15.09
		2/93 RFO	C/L Special Int	VOL		0.23	10TH TSP +15.68
33	48	2/93 RFO	Bobbin	ADS		8.66	10TH TSP +6.75
		2/93 RFO	Bobbin	NQI		0.51	12TH TSP +15.11
		2/93 RFO	Bobbin	NQI		0.74	12TH TSP +35.19
		2/93 RFO	Bobbin	NQI		1.23	11TH TSP +23.01
		2/93 RFO	C/L Special Int	VOL		0.51	10TH TSP +5.57
		2/93 RFO	C/L Special Int	VOL		0.59	12TH TSP +35.22
		2/93 RFO	C/L Special Int	VOL		0.61	12TH TSP +14.95
		2/93 RFO	C/L Special Int	VOL		1.17	11TH TSP +22.63
33	52	2/93 RFO	Bobbin	ADS		1.83	12TH TSP +5.22
		2/93 RFO	Bobbin	ADS		2.35	12TH TSP +8.57
		2/93 RFO	Bobbin	ADS		2.81	15TH TSP +15.18
		2/93 RFO	Bobbin	ADS		3.87	15TH TSP +13.78
		2/93 RFO	C/L Special Int	VOL		0.15	15TH TSP +13.46
		2/93 RFO	C/L Special Int	VOL		0.21	12TH TSP +8.84
		2/93 RFO	C/L Special Int	VOL		0.37	15TH TSP +14.89
33	62	2/93 RFO	Bobbin	NQI		1.92	4AVB +6.23
		2/93 RFO	C/L Special Int	VOL		0.32	4AVB -6.15
33	74	2/93 RFO	Bobbin	ODI	12	0.51	10TH TSP +1.32
33	75	2/93 RFO	Bobbin	ODI	34	0.52	14TH TSP +11.70
33	77	2/93 RFO	Bobbin	ODI	7	1.19	1ST TSP +11.46
33	86	2/93 RFO	Bobbin	ODI	21	0.92	15TH TSP +12.02
		2/93 RFO	C/L Special Int	VOL		0.26	14TH TSP -6.11
33	95	2/93 RFO	Bobbin	NQI		1.24	8TH TSP +1.89
		2/93 RFO	Bobbin	ODI	3	1.50	17TH TSP +8.57
33	98	2/93 RFO	Bobbin	NQI		1.28	8TH TSP +2.12
34	16	2/93 RFO	Bobbin	ADS		5.52	7TH TSP +25.80
		2/93 RFO	Bobbin	ADS		5.93	7TH TSP +21.21
		2/93 RFO	Bobbin	ADS		10.28	7TH TSP +34.97
		2/93 RFO	Bobbin	ADS		3.17	13TH TSP +7.09
		2/93 RFO	Bobbin	ADS		4.11	17TH TSP +13.75
		2/93 RFO	Bobbin	ADS		5.80	13TH TSP +15.68
		2/93 RFO	Bobbin	ADS		6.48	12TH TSP +26.80
		2/93 RFO	Bobbin	ADS		7.72	10TH TSP +26.75
		2/93 RFO	C/L Special Int	VOL		0.20	16TH TSP +1.33
		2/93 RFO	C/L Special Int	VOL		0.21	17TH TSP +13.44
		2/93 RFO	C/L Special Int	VOL		0.30	13TH TSP +16.31
		2/93 RFO	C/L Special Int	VOL		0.34	13TH TSP +7.03
		2/93 RFO	C/L Special Int	VOL		0.35	12TH TSP +29.20
		2/93 RFO	C/L Special Int	VOL		0.37	12TH TSP +7.71
		2/93 RFO	C/L Special Int	VOL		0.44	10TH TSP +27.29
34	17	2/93 RFO	Bobbin	NQI		0.53	7TH SP +39.56
		2/93 RFO	Bobbin	ODI	17	0.50	7TH SP +20.22
34	18	2/93 RFO	Bobbin	ODI	1	2.10	7TH TSP +36.02
34	26	2/93 RFO	Bobbin	ADS		2.97	10TH TSP +3.19
		2/93 RFO	Bobbin	ADS		4.02	12TH TSP +8.15

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int	VOL		0.32	16TH TSP +3.16
		2/93 RFO	C/L Special Int	VOL		0.78	12TH TSP +7.68
34	32	2/93 RFO	Bobbin	ADS		6.36	10TH TSP +32.10
		2/93 RFO	C/L Special Int	VOL		0.34	10TH TSP +30.45
34	35	2/93 RFO	Bobbin	NQI		0.96	10TH TSP +39.12
		2/93 RFO	Bobbin	ODI	1	2.24	10TH TSP +37.22
		2/93 RFO	C/L Special Int	VOL		1.62	10TH TSP +38.65
34	36	2/93 RFO	Bobbin	ODI	9	0.61	11TH TSP +25.52
34	39	2/93 RFO	Bobbin	ADS		3.70	6TH TSP +13.47
		2/93 RFO	Bobbin	ADS		5.64	11TH TSP +6.16
		2/93 RFO	Bobbin	ODI	10	0.96	7TH TSP +9.80
		2/93 RFO	H/L Special Int	VOL		0.36	6TH TSP +13.74
		2/93 RFO	C/L Special Int	VOL		0.22	11TH TSP +5.36
		2/93 RFO	C/L Special Int	VOL		0.23	11TH TSP +6.16
34	40	2/93 RFO	Bobbin	ODI	2	0.55	14TH TSP +8.40
34	50	2/93 RFO	Bobbin	ADS		6.76	13TH TSP +26.86
		2/93 RFO	C/L Special Int	VOL		0.47	13TH TSP +26.48
34	69	2/93 RFO	Bobbin	ODI	27	0.69	7TH TSP +37.41
34	89	2/93 RFO	Bobbin	ODI	10	1.99	8TH TSP -1.71
34	101	2/93 RFO	Bobbin	ODI	10	0.95	10TH TSP +25.75
35	14	2/93 RFO	Bobbin	WAR	34	6.82	2AVB +0.00
35	16	2/93 RFO	Bobbin	ODI	21	0.35	7TH TSP +34.68
35	17	2/93 RFO	Bobbin	NQI		0.54	10TH TSP +21.02
		2/93 RFO	C/L Special Int	VOL		0.39	10TH TSP +20.53
35	19	2/93 RFO	Bobbin	ADS		2.76	4TH TSP +12.25
		2/93 RFO	H/L Special Int	VOL		0.10	4TH TSP +12.16
35	25	2/93 RFO	Bobbin	ODI	12	0.58	14TH TSP +10.29
35	32	2/93 RFO	Bobbin	ADS		5.44	2ND TSP +11.56
		2/93 RFO	H/L Special Int	VOL		0.18	2ND TSP +12.55
		2/93 RFO	H/L Special Int	VOL		0.23	2ND TSP +15.74
		2/93 RFO	H/L Special Int	VOL		0.28	2ND TSP +18.16
35	33	2/93 RFO	Bobbin	ODI	5	0.58	13TH TSP +34.46
35	37	2/93 RFO	Bobbin	ADS		10.13	2ND TSP +20.95
		2/93 RFO	H/L Special Int	VOL		0.35	2ND TSP +21.72
35	41	2/93 RFO	Bobbin	ADS		5.48	6TH TSP +18.35
		2/93 RFO	H/L Special Int	VOL		0.30	6TH TSP +18.26
35	52	2/93 RFO	Bobbin	ODI	20	0.52	9TH TSP +0.03
35	53	2/93 RFO	Bobbin	ODI	4	0.78	14TH TSP +4.40
35	66	2/93 RFO	Bobbin	NQI		1.14	17TH TSP -0.63
		2/93 RFO	C/L Special Int	NQI		0.69	17TH TSP -0.55
35	79	2/93 RFO	Bobbin	ODI	29	0.52	7TH TSP +36.36
35	89	2/93 RFO	Bobbin	ODI	1	4.78	8TH TSP +2.38
36	16	2/93 RFO	Bobbin	WAR	37	8.41	2AVB +0.00
36	18	2/93 RFO	Bobbin	NQI		0.62	10TH TSP +43.55
		2/93 RFO	C/L Special Int	VOL		0.25	9TH TSP -2.58
36	22	2/93 RFO	Bobbin	NQI		0.58	16TH TSP +11.23
		2/93 RFO	Bobbin	NQI		1.63	14TH TSP +8.02
		2/93 RFO	Bobbin	ODI	6	0.94	17TH TSP +11.98
		2/93 RFO	C/L Special Int	VOL		0.43	14TH TSP +9.05
		2/93 RFO	C/L Special Int	VOL		0.48	16TH TSP +11.22
36	24	2/93 RFO	Bobbin	NQI		1.65	1AVB +19.86
		2/93 RFO	C/L Special Int	VOL		0.40	1AVB +18.82
36	27	2/93 RFO	Bobbin	ODI	11	1.03	5TH TSP +19.04
		2/93 RFO	H/L Special Int	VOL		0.22	5TH TSP +19.35
		2/93 RFO	C/L Special Int	VOL		0.24	16TH TSP +1.00
36	29	2/93 RFO	Bobbin	ADS		3.93	6TH TSP +40.97
36	32	2/93 RFO	Bobbin	ODI	23	0.42	1AVB +18.66
		2/93 RFO	Bobbin	ODI	20	0.64	18TH TSP +3.42
36	33	2/93 RFO	Bobbin	NQI		0.45	12TH TSP +39.53
		2/93 RFO	Bobbin	NQI		0.53	7TH TSP +8.72 to +11.89
		2/93 RFO	C/L Special Int	VOL		0.15	11TH TSP -3.48
36	35	2/93 RFO	Bobbin	ADS		5.51	14TH TSP +13.57
		2/93 RFO	C/L Special Int	VOL		0.27	14TH TSP +13.48
36	39	2/93 RFO	Bobbin	ODI	1	1.28	10TH TSP +42.36
		2/93 RFO	Bobbin	ODI	21	0.36	10TH TSP +41.19

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
36	65	2/93 RFO	Bobbin	WAR	26	2.18	3AVB +0.00
36	96	2/93 RFO	Bobbin	WAR	11	0.55	2AVB +0.00
36	98	2/93 RFO	Bobbin	WAR	13	0.60	3AVB +0.00
37	17	2/93 RFO	Bobbin	WAR	12	0.71	2AVB +0.00
		2/93 RFO	Bobbin	WAR	13	0.77	4AVB +0.00
		2/93 RFO	Bobbin	NQI		1.37	7TH TSP +38.91
		2/93 RFO	Bobbin	NQI		3.80	7TH TSP +33.61
		2/93 RFO	Bobbin	ADS		4.61	10TH TSP +24.46
		2/93 RFO	Bobbin	NQI		5.37	10TH TSP +25.01
		2/93 RFO	C/L Special Int	VOL		0.28	10TH TSP +25.03
37	22	2/93 RFO	Bobbin	NQI		0.82	TTS-CL +6.44
		2/93 RFO	Bobbin	NQI		0.53	6TH TSP +0.20
		2/93 RFO	Bobbin	ADS		4.31	11TH TSP +6.21
		2/93 RFO	Bobbin	ODI	5	2.17	12TH TSP +1.73
		2/93 RFO	C/L Special Int	VOL		0.30	TTS-CL +7.09
37	30	2/93 RFO	Bobbin	ADS		5.01	2ND TSP +30.70
37	35	2/93 RFO	Bobbin	ODI	1	0.77	14TH TSP +2.63
		2/93 RFO	C/L Special Int	VOL		0.36	11TH TSP +17.43
		2/93 RFO	C/L Special Int	VOL		0.41	11TH TSP +19.85
		2/93 RFO	C/L Special Int	VOL		0.50	14TH TSP +2.74
37	77	2/93 RFO	Bobbin	NQI		0.39	17TH TSP +10.45
		2/93 RFO	Bobbin	NQI		0.42	17TH TSP +1.96
		2/93 RFO	Bobbin	NQI		0.71	17TH TSP +3.23
		2/93 RFO	Bobbin	NQI		0.76	17TH TSP +9.83
		2/93 RFO	Bobbin	NQI		0.86	17TH TSP +2.61
		2/93 RFO	Bobbin	NQI		0.95	17TH TSP +4.56
		2/93 RFO	Bobbin	NQI		1.16	17TH TSP +8.50
		2/93 RFO	Bobbin	NQI		1.62	17TH TSP +9.18
		2/93 RFO	Bobbin	NQI		1.68	17TH TSP +3.84
		2/93 RFO	Bobbin	NQI		1.86	17TH TSP +7.40
		2/93 RFO	Bobbin	NQI		2.08	17TH TSP +6.69
		2/93 RFO	Bobbin	NQI		2.39	17TH TSP +5.19
		2/93 RFO	Bobbin	NQI		3.08	17TH TSP +7.95
		2/93 RFO	Bobbin	ODI	9	1.12	10TH TSP +36.84
		2/93 RFO	C/L Special Int	VOL		0.41	17TH TSP +1.28 to +10.45
37	43	2/93 RFO	Bobbin	ODI	1	1.56	2ND TSP +32.35
37	44	2/93 RFO	Bobbin	ODI	5	0.48	13TH TSP +33.71
37	48	2/93 RFO	Bobbin	ADS		4.51	2ND TSP +23.98
		2/93 RFO	Bobbin	ODI	1	0.64	12TH TSP +17.40
		2/93 RFO	Bobbin	ODI	9	1.38	17TH TSP +0.98
		2/93 RFO	C/L Special Int	VOL		0.37	17TH TSP +1.01
37	52	2/93 RFO	Bobbin	ADS		4.46	1ST TSP +16.32
		2/93 RFO	Bobbin	NQI		0.59	12TH TSP +30.85
		2/93 RFO	C/L Special Int	VOL		0.18	12TH TSP +30.92
		2/93 RFO	C/L Special Int	VOL		0.25	10TH TSP +30.84
37	59	2/93 RFO	Bobbin	ADS		3.35	12TH TSP +28.78
		2/93 RFO	C/L Special Int	VOL		0.20	12TH TSP +28.22
37	60	2/93 RFO	Bobbin	ADS		4.48	4TH TSP +32.97
		2/93 RFO	H/L Special Int	VOL		0.33	5TH TSP -10.44
37	61	2/93 RFO	Bobbin	NQI		0.65	13TH TSP +18.55
		2/93 RFO	C/L Special Int	VOL		0.33	13TH TSP +17.84
37	80	2/93 RFO	Bobbin	ODI	8	0.71	10TH TSP +34.67
37	82	2/93 RFO	Bobbin	ODI	17	1.12	7TH TSP +21.97
		2/93 RFO	Bobbin	ODI	2	0.82	10TH TSP +32.08
37	83	2/93 RFO	Bobbin	NQI		0.77	1ST TSP +15.69
		2/93 RFO	Bobbin	NQI		1.12	1ST TSP +13.34
		2/93 RFO	H/L Special Int	VOL		0.89	2ND TSP -12.56
		2/93 RFO	H/L Special Int	VOL		0.99	2ND TSP -15.01
37	86	2/93 RFO	Bobbin	NQI		0.99	3RD TSP +21.75
		2/93 RFO	H/L Special Int	VOL		1.08	3RD TSP +21.43
38	17	2/93 RFO	Bobbin	WAR	27	1.83	4AVB +0.00
		2/93 RFO	Bobbin	WAR	33	2.98	2AVB +0.00
		2/93 RFO	Bobbin	ADS		2.98	5TH TSP +1.87
		2/93 RFO	C/L Special Int	VOL		1.11	13TH TSP +3.46
38	18	2/93 RFO	Bobbin	WAR	17	0.94	4AVB +0.00

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
		2/93 RFO	Bobbin	WAR	23	1.37	2AVB +0.00
		2/93 RFO	Bobbin	ADS		6.24	2ND TSP +32.50
38	19	2/93 RFO	Bobbin	ADS		6.38	TTS-HL +7.16
		2/93 RFO	H/L Special Int	VOL		0.37	TTS-HL +7.18
		2/93 RFO	C/L Special Int	VOL		0.40	11TH TSP +20.51
38	21	2/93 RFO	Bobbin	NQI		0.59	4TH TSP +8.03
38	22	2/93 RFO	Bobbin	ADS		6.35	8TH TSP +18.63
		2/93 RFO	Bobbin	ADS		10.03	8TH TSP +4.47
		2/93 RFO	C/L Special Int	VOL		0.47	8TH TSP +17.53
		2/93 RFO	C/L Special Int	VOL		0.59	8TH TSP +4.14
38	23	2/93 RFO	Bobbin	ADS		2.81	8TH TSP +10.93
38	34	2/93 RFO	Bobbin	ODI	21	0.64	2ND TSP +16.72
		2/93 RFO	Bobbin	ODI	18	0.85	11TH TSP +27.82
38	36	2/93 RFO	Bobbin	NQI		0.52	10TH TSP +6.96
		2/93 RFO	C/L Special Int	VOL		0.27	10TH TSP +6.20
38	49	2/93 RFO	Bobbin	ODI	10	3.72	10TH TSP +4.09
38	63	2/93 RFO	Bobbin	ADS		3.31	2ND TSP +13.26
		2/93 RFO	Bobbin	ADS		4.61	2ND TSP +17.49
		2/93 RFO	Bobbin	ODI	10	1.61	3RD TSP +18.82
38	65	2/93 RFO	Bobbin	ODI	9	1.20	14TH TSP +5.61
		2/93 RFO	C/L Special Int	VOL		0.29	14TH TSP +5.38
38	68	2/93 RFO	Bobbin	NQI		0.82	10TH TSP +11.12
		2/93 RFO	C/L Special Int	VOL		0.42	10TH TSP +11.12
38	70	2/93 RFO	Bobbin	ADS		4.72	12TH TSP +3.83
		2/93 RFO	Bobbin	ADS		4.73	12TH TSP +2.63
		2/93 RFO	Bobbin	NQI		0.39	10TH TSP +12.08
38	71	2/93 RFO	Bobbin	ADS		7.63	6TH TSP +31.74
		2/93 RFO	H/L Special Int	VOL		0.76	7TH TSP -11.00
38	73	2/93 RFO	Bobbin	ODI	15	3.16	6TH TSP +32.76
38	76	2/93 RFO	Bobbin	ADS		2.46	16TH TSP +14.74
		2/93 RFO	C/L Special Int	VOL		0.28	16TH TSP +14.13
38	77	2/93 RFO	Bobbin	ADS		6.71	1ST TSP +16.43
38	80	2/93 RFO	Bobbin	ADS		8.80	2AVB +17.22
		2/93 RFO	Bobbin	ADS		4.47	16TH TSP +11.71
38	89	2/93 RFO	Bobbin	NQI		0.62	7TH TSP +36.42
38	93	2/93 RFO	Bobbin	WAR	24	1.41	2AVB +0.00
39	18	2/93 RFO	Bobbin	WAR	17	0.85	1AVB +0.00
		2/93 RFO	Bobbin	WAR	19	1.02	4AVB +0.00
		2/93 RFO	Bobbin	WAR	39	5.07	3AVB +0.00
39	19	2/93 RFO	Bobbin	ODI	3	1.83	14TH TSP +2.63
		2/93 RFO	C/L Special Int	VOL		0.33	14TH TSP +2.76
39	21	2/93 RFO	Bobbin	NQI		0.92	9TH TSP +0.97
39	23	2/93 RFO	Bobbin	NQI		0.70	7TH TSP +26.10
39	29	2/93 RFO	Bobbin	ADS		4.33	7TH TSP +29.00
		2/93 RFO	H/L Special Int	VOL		0.30	8TH TSP -12.35
39	33	2/93 RFO	Bobbin	NQI		0.73	9TH TSP +0.90
39	35	2/93 RFO	Bobbin	ODI	13	1.34	9TH TSP +0.90
39	41	2/93 RFO	Bobbin	ODI	3	2.03	3AVB -19.83
39	55	2/93 RFO	Bobbin	ODI	28	0.71	6TH TSP +35.26
39	62	2/93 RFO	Bobbin	ODI	6	2.00	15TH TSP +6.43
39	64	2/93 RFO	Bobbin	NQI		1.05	8TH TSP +2.15
39	65	2/93 RFO	Bobbin	ODI	18	0.76	8TH TSP +1.78
39	90	2/93 RFO	Bobbin	ODI	4	0.92	7TH TSP +40.92
40	20	2/93 RFO	Bobbin	ODI	6	1.97	4TH TSP +28.34
		2/93 RFO	H/L Special Int	VOL		0.31	4TH TSP +27.89
40	21	2/93 RFO	Bobbin	ODI	14	0.59	10TH TSP +8.00
40	24	2/93 RFO	Bobbin	NQI		1.02	4TH TSP +15.69
		2/93 RFO	Bobbin	NQI		1.48	4TH TSP +9.41
		2/93 RFO	Bobbin	ODI	25	1.57	17TH TSP +1.58
		2/93 RFO	C/L Special Int	VOL		0.55	17TH TSP +1.56
40	25	2/93 RFO	Bobbin	ODI	1	1.18	13TH TSP +17.41
		2/93 RFO	Bobbin	ODI	3	1.05	15TH TSP +4.68
		2/93 RFO	Bobbin	ODI	6	1.77	15TH TSP +3.31
40	28	2/93 RFO	Bobbin	NQI		1.80	8TH TSP +4.09
		2/93 RFO	Bobbin	ODI	3	1.66	13TH TSP +4.98

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS

REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION
		2/93 RFO	C/L Special Int	VOL		0.83	8TH TSP +3.38
40	31	2/93 RFO	Bobbin	NQI		0.82	10TH TSP +5.61
		2/93 RFO	C/L Special Int	VOL		0.19	10TH TSP +5.35
40	37	2/93 RFO	Bobbin	NQI		0.30	10TH TSP +41.3%
		2/93 RFO	Bobbin	NQI		0.66	10TH TSP +37.56
		2/93 RFO	Bobbin	NQI		1.23	10TH TSP +38.77
40	44	2/93 RFO	Bobbin	ADS		0.58	7TH TSP +31.48
		2/93 RFO	Bobbin	NQI		0.31	15TH TSP +3.30
		2/93 RFO	Bobbin	ODI	2	0.52	15TH TSP +9.87
		2/93 RFO	C/L Special Int	VOL		0.97	15TH TSP +3.30
40	47	2/93 RFO	Bobbin	ADS		2.74	11TH TSP +34.02
40	48	2/93 RFO	Bobbin	ODI	1	0.72	11TH TSP +28.20
40	52	2/93 RFO	Bobbin	ODI	3	1.89	3RD TSP +6.96
		2/93 RFO	Bobbin	ODI	3	0.64	12TH TSP +40.54
40	53	2/93 RFO	Bobbin	NQI		0.46	7TH TSP +26.71
		2/93 RFO	Bobbin	ODI	1	1.27	13TH TSP +10.23
40	56	2/93 RFO	Bobbin	ODI	6	1.02	14TH TSP +11.85
		2/93 RFO	Bobbin	ODI	14	1.33	11TH TSP +28.46
40	61	2/93 RFO	Bobbin	NQI		0.55	10TH TSP +16.07
40	67	2/93 RFO	Bobbin	NQI		0.44	9TH TSP -0.17
40	75	2/93 RFO	Bobbin	ADS		3.07	2ND TSP +24.90
		2/93 RFO	Bobbin	ADS		14.75	5TH TSP +2.29
		2/93 RFO	H/L Special Int	VOL		0.28	2ND TSP +24.02
		2/93 RFO	H/L Special Int	VOL		1.18	5TH TSP +2.30
40	84	2/93 RFO	Bobbin	NQI		1.16	1AVB +1.82
		2/93 RFO	Bobbin	NQI		0.43	7TH TSP +33.21
		2/93 RFO	C/L Special Int	VOL		0.28	1AVB +1.77
40	88	2/93 RFO	Bobbin	NQI		1.03	4AVB +21.20
40	89	2/93 RFO	Bobbin	ODI	9	1.06	8TH TSP +1.74
40	97	2/93 RFO	Bobbin	WAR	14	0.90	1AVB +0.00
		2/93 RFO	Bobbin	ODI	30	1.07	10TH TSP +1.37
41	22	2/93 RFO	Bobbin	ODI	3	0.53	7TH TSP +38.03
41	24	2/93 RFO	Bobbin	ODI	2	1.62	8TH TSP +22.58
41	28	2/93 RFO	Bobbin	ADS		4.87	11TH TSP +27.78
		2/93 RFO	Bobbin	ODI	1	0.81	16TH TSP +2.49
		2/93 RFO	C/L Special Int	VOL		0.34	11TH TSP +27.67
41	29	2/93 RFO	H/L Tubesheet	VOL		0.12	TTS-HL +1.41
41	30	2/93 RFO	Bobbin	ADS		2.16	10TH TSP +22.23
41	33	2/93 RFO	Bobbin	NQI		0.68	2ND TSP +8.49
41	41	2/93 RFO	Bobbin	NQI		0.89	9TH TSP +2.05 to +3.29
41	43	2/93 RFO	Bobbin	ODI	33	0.72	14TH TSP +12.44
41	50	2/93 RFO	Bobbin	ADS		2.95	5TH TSP +20.69
		2/93 RFO	H/L Special Int	VOL		0.28	5TH TSP +20.09
41	63	2/93 RFO	Bobbin	NQI		2.09	1AVB +10.80
		2/93 RFO	Bobbin	ADS		6.32	17TH TSP +8.19
		2/93 RFO	C/L Special Int	VOL		0.32	1AVB +10.09
		2/93 RFO	C/L Special Int	VOL		0.68	17TH TSP +7.96
41	67	2/93 RFO	Bobbin	ODI	1	1.04	10TH TSP +28.62
41	68	2/93 RFO	Bobbin	ADS		4.97	6TH TSP +37.09
		2/93 RFO	H/L Special Int	VOL		0.46	7TH TSP -5.47
41	69	2/93 RFO	Bobbin	NQI		1.72	5TH TSP +30.89
		2/93 RFO	H/L Special Int	VOL		0.49	6TH TSP -12.24
41	88	2/93 RFO	Bobbin	NQI		1.90	8TH TSP +2.40
41	89	2/93 RFO	Bobbin	NQI		1.77	8TH TSP +2.46
41	90	2/93 RFO	Bobbin	ODI	34	2.40	8TH TSP +2.15
		2/93 RFO	Bobbin	ODI	21	0.60	10TH TSP +42.98
41	93	2/93 RFO	Bobbin	NQI		1.16	7TH TSP +36.94
		2/93 RFO	H/L Special Int	VOL		0.93	8TH TSP -5.63
41	95	2/93 RFO	Bobbin	WAR	15	1.00	4AVB +0.00
42	24	2/93 RFO	Bobbin	ODI	52	0.73	10TH TSP +7.05
		2/93 RFO	Bobbin	ODI	11	0.51	10TH TSP +26.84 to +29.59
		2/93 RFO	C/L Special Int	VOL		0.34	10TH TSP +24.32
42	26	2/93 RFO	Bobbin	ADS		2.36	11TH TSP +29.01
		2/93 RFO	C/L Special Int	VOL		0.27	11TH TSP +28.78
42	37	2/93 RFO	Bobbin	ADS		2.30	12TH TSP +32.86

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION	
42	39	2/93 RFO	Bobbin	ADS		6.59	12TH TSP	+26.70
		2/93 RFO	C/L Special Int	VOL		0.30	12TH TSP	+27.21
42	42	2/93 RFO	Bobbin	ADS		8.37	5TH TSP	+31.67
		2/93 RFO	Bobbin	ADS		3.47	11TH TSP	+18.54
		2/93 RFO	Bobbin	ADS		5.15	10TH TSP	+13.34
		2/93 RFO	H/L Special Int	VOL		0.58	6TH TSP	-10.98
		2/93 RFO	C/L Special Int	VOL		0.18	10TH TSP	+12.94
		2/93 RFO	C/L Special Int	VOL		0.23	11TH TSP	+18.88
42	54	2/93 RFO	Bobbin	NQI		0.57	3RD TSP	+19.04
42	55	2/93 RFO	Bobbin	ODI	1	0.59	11TH TSP	+28.85
		2/93 RFO	Bobbin	ODI	1	0.59	11TH TSP	+30.82
		2/93 RFO	Bobbin	ODI	7	0.89	14TH TSP	+13.37
		2/93 RFO	C/L Special Int	VOL		0.75	14TH TSP	+11.83
42	61	2/93 RFO	Bobbin	ODI	1	1.23	11TH TSP	+29.31
		2/93 RFO	Bobbin	ODI	6	0.76	11TH TSP	+18.90
42	63	2/93 RFO	Bobbin	ADS		2.92	7TH TSP	+18.12
42	64	2/93 RFO	Bobbin	ADS		5.03	7TH TSP	+26.32
		2/93 RFO	H/L Special Int	VOL		0.32	8TH TSP	-17.08
42	69	2/93 RFO	Bobbin	ODI	34	1.16	7TH TSP	+36.28
42	71	2/93 RFO	Bobbin	ODI	3	1.14	7TH TSP	+18.49
42	83	2/93 RFO	Bobbin	ADS		4.87	6TH TSP	+40.98
		2/93 RFO	H/L Special Int	VOL		0.36	7TH TSP	-1.55
42	87	2/93 RFO	Bobbin	ADS		3.92	12TH TSP	+29.22
		2/93 RFO	C/L Special Int	VOL		0.32	11TH TSP	-14.08
42	93	2/93 RFO	Bobbin	ODI	10	1.56	8TH TSP	+1.89
43	22	2/93 RFO	Bobbin	WAR	19	1.08	4AVB	+0.00
		2/93 RFO	Bobbin	WAR	26	1.92	3AVB	+0.00
43	26	2/93 RFO	Bobbin	ADS		0.41	5TH TSP	+3.76
		2/93 RFO	Bobbin	ADS		7.62	4TH TSP	+31.15
		2/93 RFO	Bobbin	ADS		11.14	4TH TSP	+25.09
43	48	2/93 RFO	Bobbin	ADS		2.18	5TH TSP	+23.29
43	64	2/93 RFO	Bobbin	NQI		0.97	19TH TSP	+8.23
		2/93 RFO	C/L Special Int	VOL		0.29	19TH TSP	+8.37
43	70	2/93 RFO	Bobbin	ODI	20	0.59	7TH TSP	+15.17
43	73	2/93 RFO	Bobbin	NQI		0.91	8TH TSP	+10.53
		2/93 RFO	Bobbin	NQI		0.97	1ST TSP	+24.11
		2/93 RFO	C/L Special Int	VOL		0.51	8TH TSP	+9.70
		2/93 RFO	H/L Special Int	VOL		0.44	2ND TSP	-4.82
43	74	2/93 RFO	Bobbin	NQI		1.38	4TH TSP	+14.15
		2/93 RFO	H/L Special Int	VOL		0.77	4TH TSP	+13.90
43	78	2/93 RFO	Bobbin	WAR	22	1.60	2AVB	+0.00
		2/93 RFO	Bobbin	WAR	25	1.90	3AVB	+0.00
		2/93 RFO	Bobbin	ADS		3.31	10TH TSP	+33.10
		2/93 RFO	Bobbin	ADS		3.61	10TH TSP	+27.99
43	81	2/93 RFO	Bobbin	WAR	13	0.83	2AVB	+0.00
		2/93 RFO	Bobbin	WAR	25	1.90	3AVB	+0.00
43	84	2/93 RFO	Bobbin	NQI		0.90	8TH TSP	+1.89
43	85	2/93 RFO	Bobbin	ODI	13	0.88	8TH TSP	+1.75
43	87	2/93 RFO	Bobbin	ADS		4.30	7TH TSP	+40.05
		2/93 RFO	Bobbin	ODI	12	1.03	8TH TSP	+1.80
		2/93 RFO	Bobbin	ODI	19	0.80	1ST TSP	+15.84
44	27	2/93 RFO	Bobbin	ODI	16	1.20	13TH TSP	+10.67
44	59	2/93 RFO	Bobbin	NQI		1.43	8TH TSP	+2.08
44	62	2/93 RFO	Bobbin	ADS		8.42	4TH TSP	+38.39
		2/93 RFO	H/L Special Int	VOL		.61	5TH TSP	-4.21
44	85	2/93 RFO	Bobbin	ODI	11	1.46	1ST TSP	+14.36
45	35	2/93 RFO	Bobbin	ODI	4	1.30	7TH TSP	+23.46
		2/93 RFO	Bobbin	ODI	28	0.56	7TH TSP	+23.18
45	50	2/93 RFO	Bobbin	NQI		0.61	11TH TSP	+19.43
		2/93 RFO	C/L Special Int	VOL		0.23	11TH TSP	+20.74
45	52	2/93 RFO	Bobbin	NQI		0.76	11TH TSP	+16.96
		2/93 RFO	Bobbin	ODI	5	2.65	10TH TSP	+1.43
45	67	2/93 RFO	Bobbin	NQI		0.84	10TH TSP	+27.69
		2/93 RFO	Bobbin	NQI		0.99	10TH TSP	+28.52
45	73	2/93 RFO	Bobbin	ADS		9.65	13TH TSP	+28.22

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	%TW	VOLTS	LOCATION
45	79	2/93 RFO	Bobbin	NQI		1.05	4AVB +20.63
45	83	2/93 RFO	Bobbin	NQI		1.48	4AVB +32.35
45	84	2/93 RFO	Bobbin	NQI		2.80	4TH TSP +18.81
		2/93 RFO	H/L Special Int	VOL		0.91	4TH TSP +18.19
46	26	2/93 RFO	Bobbin	NQI		0.46	12TH TSP +7.95
		2/93 RFO	C/L Special Int	VOL		0.16	12TH TSP +7.81
46	35	2/93 RFO	Bobbin	NQI		0.28	9TH TSP +0.23
46	48	2/93 RFO	Bobbin	NQI		1.29	2AVB +21.61
		2/93 RFO	Bobbin	NQI		2.19	1AVB +30.76
		2/93 RFO	Bobbin	NQI		2.43	2AVB +32.82
		2/93 RFO	Bobbin	NQI		2.45	2AVB +9.81
		2/93 RFO	C/L Special Int	VOL		0.39	1AVB +22.25
		2/93 RFO	C/L Special Int	VOL		0.47	1AVB +30.38
		2/93 RFO	C/L Special Int	VOL		0.56	2AVB +21.03
		2/93 RFO	C/L Special Int	VOL		0.65	2AVB +31.95
		2/93 RFO	C/L Special Int	VOL		1.08	2AVB +9.39
46	54	2/93 RFO	Bobbin	ODI	16	0.89	4TH TSP +6.84
46	60	2/93 RFO	Bobbin	NQI		1.56	8TH TSP +2.93
46	61	2/93 RFO	Bobbin	ODI	29	0.73	11TH TSP +41.33
46	82	2/93 RFO	Bobbin	ODI	1	2.01	10TH TSP +40.06
46	87	2/93 RFO	Bobbin	NQI		0.65	12TH TSP +21.25
47	27	2/93 RFO	Bobbin	ODI	4	1.67	7TH TSP +36.73
47	28	2/93 RFO	Bobbin	NQI		0.37	11TH TSP +24.90
		2/93 RFO	C/L Special Int	VOL		0.24	11TH TSP +24.95
47	31	2/93 RFO	Bobbin	ADS		3.10	10TH TSP +35.28
47	33	2/93 RFO	Bobbin	NQI		2.55	10TH TSP +37.58
		2/93 RFO	C/L Special Int	VOL		0.63	9TH TSP -8.44
47	34	2/93 RFO	Bobbin	ADS		1.31	1AVB +9.57
		2/93 RFO	Bobbin	ADS		3.31	1AVB +17.45
		2/93 RFO	C/L Special Int	VOL		0.56	1AVB +9.57
		2/93 RFO	C/L Special Int	VOL		0.67	1AVB +18.02
47	38	2/93 RFO	Bobbin	NQI		0.71	9TH TSP -0.70
47	43	2/93 RFO	Bobbin	ODI	12	1.24	10TH TSP +43.70
47	46	2/93 RFO	Bobbin	ODI	6	0.72	9TH TSP -1.45
47	53	2/93 RFO	Bobbin	ADS		4.61	7TH TSP +18.81
		2/93 RFO	H/L Special Int	VOL		0.50	7TH TSP +18.78
47	67	2/93 RFO	Bobbin	ODI	30	0.89	7TH TSP +35.34
47	70	2/93 RFO	Bobbin	NQI		1.44	9TH TSP +3.16
		2/93 RFO	Bobbin	ODI	8	1.12	7TH TSP +27.23
47	81	2/93 RFO	Bobbin	NQI		2.83	2AVB +5.46
		2/93 RFO	C/L Special Int	VOL		1.15	2AVB +4.85
48	29	2/93 RFO	Bobbin	NQI		0.56	17TH TSP +10.34
		2/93 RFO	Bobbin	ODI	17	0.81	4TH TSP +7.58
		2/93 RFO	C/L Special Int	VOL		0.11	17TH TSP +10.61
48	35	2/93 RFO	Bobbin	ADS		3.10	11TH TSP +21.21
48	42	2/93 RFO	Bobbin	ADS		2.37	13TH TSP +28.53
48	44	2/93 RFO	Bobbin	NQI		0.78	11TH TSP +1.82
		2/93 RFO	Bobbin	NQI		1.02	11TH TSP +23.95
		2/93 RFO	Bobbin	NQI		1.19	15TH TSP +26.21
		2/93 RFO	Bobbin	NQI		1.57	12TH TSP +9.21
		2/93 RFO	Bobbin	ODI	1	1.13	6TH TSP +8.77
		2/93 RFO	Bobbin	ODI	1	1.11	10TH TSP +44.80
		2/93 RFO	C/L Special Int	VOL		0.34	11TH TSP +26.77
		2/93 RFO	C/L Special Int	VOL		0.56	11TH TSP +2.04
		2/93 RFO	C/L Special Int	VOL		0.70	12TH TSP +9.26
48	47	2/93 RFO	Bobbin	ODI	12	0.56	10TH TSP +17.42
		2/93 RFO	C/L Special Int	VOL		0.24	10TH TSP +17.42
48	51	2/93 RFO	Bobbin	ODI	11	0.78	11TH TSP +13.57
48	54	2/93 RFO	Bobbin	ODI	1	0.69	3RD TSP +19.50
48	62	2/93 RFO	Bobbin	NQI		0.68	10TH TSP +31.32
48	68	2/93 RFO	Bobbin	ADS		18.62	1AVB +28.48
		2/93 RFO	C/L Special Int	VOL		1.21	1AVB +26.02
48	70	2/93 RFO	Bobbin	ODI	27	0.95	7TH TSP +37.55
		2/93 RFO	Bobbin	ODI	33	1.02	7TH TSP +27.03
48	77	2/93 RFO	Bobbin	ADS		4.92	1ST TSP +16.32

S/G D - ATTACHMENT #4 INDICATIONS OF IMPERFECTIONS
REPORT

ROW	COL	OUTAGE	TEST TYPE	IND	XTW	VOLTS	LOCATION	
48	78	2/93 RFO	Bobbin	WAR	29	2.71	4AVB	+0.00
48	83	2/93 RFO	Bobbin	ADS		5.31	4AVB	+2.63
49	33	2/93 RFO	Bobbin	ADS		2.73	12TH TSP	+27.04
		2/93 RFO	Bobbin	ODI	9	2.04	13TH TSP	+5.84
		2/93 RFO	C/L Special Int	VOL		0.35	12TH TSP	+27.06
49	36	2/93 RFO	Bobbin	ODI	34	0.62	6TH TSP	+39.74
49	37	2/93 RFO	Bobbin	ODI	1	1.75	12TH TSP	+25.36
		2/93 RFO	Bobbin	ODI	1	2.22	15TH TSP	+25.15
49	50	2/93 RFO	Bobbin	ODI	1	1.83	15TH TSP	+24.07
		2/93 RFO	Bobbin	ODI	2	1.04	15TH TSP	+20.10
49	51	2/93 RFO	Bobbin	ADS		2.45	4TH TSP	+15.17
		2/93 RFO	Bobbin	ODI	12	1.99	11TH TSP	+19.32
		2/93 RFO	Bobbin	ODI	33	0.53	11TH TSP	+17.95
49	52	2/93 RFO	Bobbin	ADS		2.22	12TH TSP	+34.24
		2/93 RFO	Bobbin	ADS		4.39	11TH TSP	+16.37
		2/93 RFO	C/L Special Int	VOL		0.22	12TH TSP	+34.15
		2/93 RFO	C/L Special Int	VOL		0.34	11TH TSP	+15.71
49	53	2/93 RFO	Bobbin	NQI		0.90	17TH TSP	+31.74
		2/93 RFO	C/L Special Int	VOL		0.39	17TH TSP	+32.09
49	63	2/93 RFO	H/L Tubesheet	SAI		0.93	TTS-HL	+1.24
49	83	2/93 RFO	Bobbin	NQI		0.58	4TH TSP	-3.59
		2/93 RFO	Bobbin	ODI	9	0.60	18TH TSP	+8.91
		2/93 RFO	H/L Special Int	VOL		0.30	4TH TSP	+3.40

Total Indications Found = 1713

Total Tubes Found = 802

ATTACHMENT 5

ATTACHMENT #5 - TUBES PLUGGED OR REPAIRED								
ROW	COL	OUTAGE	REPAIR CODE	TYPE	LOCATION	LENGTH	MATL	LEG
7	12	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
21	105	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
24	104	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
25	100	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
28	102	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
29	70	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
29	96	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
42	93	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
48	43	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
48	44	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
49	41	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
49	44	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
49	68	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
49	77	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL

Total Indications Found = 2
 Total Tubes Found = 14

ATTACHMENT 6

ATTACHMENT #6 - TUBES PLUGGED OR REPAIRED						
ROW	COL	OUTAGE	REPAIR CODE	TYPE	LOCATION	MATL LEG
8	31	2/93 RFO	PLG		ROLL	1690 TE-CL
		2/93 RFO	PLG		ROLL	1690 TE-HL
25	40	2/93 RFO	PLG		ROLL	1690 TE-CL
		2/93 RFO	PLG		ROLL	1690 TE-HL
26	26	2/93 RFO	PLG		ROLL	1690 TE-CL
		2/93 RFO	PLG		ROLL	1690 TE-HL
28	106	2/93 RFO	PLG		ROLL	1690 TE-CL
		2/93 RFO	PLG		ROLL	1690 TE-HL
29	23	2/93 RFO	PLG		ROLL	1690 TE-CL
		2/93 RFO	PLG		ROLL	1690 TE-HL
36	36	2/93 RFO	PLG		ROLL	1690 TE-CL
		2/93 RFO	PLG		ROLL	1690 TE-HL

Total Indications Found = 12
 Total Tubes Found = 6

ATTACHMENT 7

ATTACHMENT #7 - TUBES PLUGGED OR REPAIRED

ROW	COL	OUTAGE	REPAIR CODE	TYPE	LOCATION	LENGTH	MATL	LEG
27	16	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
31	77	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
39	67	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
39	71	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
39	75	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
41	56	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
41	65	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
42	61	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
42	92	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
42	93	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
43	34	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
43	91	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL
46	59	2/93 RFO	PLG		ROLL		1690	TE-CL
		2/93 RFO	PLG		ROLL		1690	TE-HL

Total Indications Found = 26
 Total Tubes Found = 13

ATTACHMENT 8

ATTACHMENT #8 - TUBES PLUGGED OR REPAIRED						LENGTH	MATL LEG
ROW	COL	OUTAGE	REPAIR CODE	TYPE	LOCATION		
2	46	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
9	2	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
14	4	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
17	103	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
20	89	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
21	107	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
25	43	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
25	44	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
42	24	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL
49	63	2/93 RFO	PLG	ROLL			1690 TE-CL
		2/93 RFO	PLG	ROLL			1690 TE-HL

Total Indications Found = 20
 Total Tubes Found = 10