Florida Power & Light Company, 6501 South Ocean Drive, Jensen Beach, FL 34957

FPL

October 3, 2002

L-2002-189
10 CFR 50.55a
10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Re: St. Lucie Unit 2
Docket No. 50-389
Refueling Outage SL2-13
Steam Generator Tube Inservice Inspection Special Report

Attached is the Steam Generator (S/G) Tube Inservice Inspection Special Report required by Sections 4.4.5.5.b and 6.9.2 of the St. Lucie Unit 2 Technical Specifications for the Fall 2001 refueling outage (SL2-13). The report is to be submitted within one year of completing the refueling outage steam generator inservice inspection.

The scope of the inspection is summarized below:

1. 100% of all tubes in service in S/Gs 2A and 2B were examined from tube end to tube end. This is shown under "Total Tubes Inspected" on the Attachment 1 FORM NIS-BB, OWNERS' DATA REPORT FOR EDDY CURRENT EXAMINATION RESULTS.

2. The identification of the tubes plugged is detailed on Attachment 2, Pluggable Indications Lists. The tubes plugged are also summarized in the upper section of the FORM NIS-BB.

3. The location and percent of wall thickness penetration are detailed in Attachment 3, Steam Generator 20%-39% Indication Lists. The location and percent of wall thickness penetration is also summarized on the enclosed FORM NIS-BB under "Location of Indications." Only mechanical wear damage was sized for through-wall depth using qualified sizing techniques. No wear damage in excess of 40% was reported. Depth sizing techniques for other damage mechanisms (i.e. corrosion/cracking) have not been validated for St. Lucie Plant. Therefore, a plug on detection approach was used for other damage mechanisms during this examination.

A001

Should there be any questions on this report, please contact George Madden at 772-467-7156.

Very truly yours,

Donald E. Jernigan
Vice President
St. Lucie Plant

DEJ/GRM

Attachments

FORM NIS-B8 OWNER'S DATA REPORT FOR EDDY CURRENT EXAMINATION RESULTS
As required by the provisions of the ASME CODE RULES

EDDY CURRENT EXAMINATION RESULTS

Plant: St. Lucie Unit 2
Exam Dates: November 30, 2001 to December 15, 2001

Steam Generator	Total Tubes Inspected	Total Tubes 20%-39% (3)	Total Tubes >=40% Vol, Circ. & Axial	Tubes Plugged as Preventive Maintenance (PTP)	Tubes Plugged This Outage	Total Plugged Tubes in each S/G
A	8066	203	102(1)	27(4)	129	474
B	8104	124	200(2)	32(4)	232	539

LOCATION OF INDICATIONS (20% 100% VOL CIRC & AXIAL)

Steam Generator	U BENDS DHB to DCB	EGGCRATES 1 to 7		Partial Supports 8 and 9		Top of Tube Sheet to #1 EGGCRATE		Total Indications 20%-39% (3)	Total Indications >=40%,VOL Circ. & Axial
		H/L	C/L	H/L	C/L	H/L	C/L		
A	276	101	2	6	3	18	0	290	116
B	160	207	7	3	0	26	4	169	238

Remarks:

(1) Consists of 11 Axial Indications (5 located within dings), 4 Circumferential indications at the hot leg tubesheet and 87 axial ODSCC flaws at eggcrate tube supports.

(2) Consists of 15 Axial indications at TSH (1 located within a ding), 8 Circumferential indications at TSH, 172 Axial indications at various eggcrate supports, and 5 Volumetric (VOL) indications. The volumetric indications include 1 at TSH, 1 at an eggcrate support and 3 volumetric wear indications due to foreign object damage at TSC of S/G 2B. No foreign object was present during FOSAR.

(3) Percent through-wall penetration is given only for mechanical wear indications. No wear indications exceeded the Technical Specification limit of 40% through-wall.

(4) Preventative Tube Plugging (PTP) for dents/dings measuring $\geq$ 10 volts between TSH and the #1 eggcrate includes 14 tubes in S/G 2A and 18 tubes in S/G 2B. Additional PTPs' in S/G 2A include 8 tubes for mechanical wear progression (i e., <40%) and 5 GEO at TSH. In S/G B, additional PTPs' include 7 GEO at TSH, 2 GEO in ubends, 1 due to the TSC foreign object discussed in remark 2 above, 3 at support locations (2 diagonal & 1 eggcrate) for wear progression, and 1 due to a restricted u-bend location that did not permit rotating probe inspection.

Acronyms: ASI – Axial Single Indication, CSI – Circumferential Single Indication, CMI – Circumferential Multiple Indications , PTP – Preventative Tube Plug, TSH – Hot leg tubesheet Expansion, TSC – Cold leg Tubesheet expansion, GEO – Non quantifiable geometric anomalies

St. Lucie Unit 2

Attachment 2

Pluggable Indications Lists

PSL-2 S/G "A"

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
7	1	AC038	14.18	181	P 1	PTP		TSC	1 09
20	2	AH058	3.32	38	P 1	PTP		TSH	0 84
20	2	AH058	3.35	40	P 1	ASI		TSH	0 83
20	2	AC055	44	175	P 1	PTP		TSH	1 06
29	3	AH058	1 02	30	P 1	PTP		TSH	0.33
36	4	AC048	13 13	180	P 1	PTP		TSH	0 97
41	5	AC048	12.9	181	P 1	PTP		TSH	1
51	7	AH054	0 64	20	P 1	PTP		TSH	0 49
51	7	AC048	14 47	182	P 1	PTP		TSH	0 92
7	11	AH151	0 19	82	P 1	ASI		03H	0 47
8	14	AH151	0 25	107	P 1	ASI		03H	0 48
4	20	AH153	0.32	97	P 1	ASI		01H	0.76
12	22	AH089	0 23	115	P 1	ASI		03H	0 87
16	22	AH089	0 25	105	P 1	ASI		03H	0 8
46	26	AH093	0 19	74	P 1	ASI		01H	-0 65
11	27	AH089	0 26	91	P 1	ASI		03H	0.81
46	28	AH093	0.26	110	P 1	ASI		03H	0 1
107	31	AH039	1 16	14	P 1	PTP		TSH	0 42
64	34	AH093	0 21	70	P 1	AMI		01H	-0 83
65	35	AH093	0 2	89	P 1	ASI		01H	0.44
95	35	AC054	0 45		P 2	PTP		08H	-0 97
62	36	AH093	0.22	107	P 1	ASI		03H	0 69
24	38	AH072	0.16	95	P 1	ASI		03H	0.83
96	44	AH151	0 25	62	P 1	ASI		03H	-0.39

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PSL-2 S/G "A"

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
82	48	AH151	0 21	74	P 1	ASI		03H	0 81
102	50	AH151	0.24	99	P 1	ASI		01H	0 75
15	51	AH151	0 26	73	P 1	ASI		07H	0 77
42	54	AH006	0.27	86	4	CSI		TSH	-0 05
131	55	AC063	12.53	181	P 1	PTP		TSH	0 94
110	56	AH151	0.26	59	P 1	ASI		01H	-0.26
49	57	AH006	0 15	85	P 1	ASI		TSH	0.23
49	57	AH006	0 14	127	P 1	ASI		TSH	0 25
92	58	AC058	1.24		P 2	PTP		VS4	-0 19
131	59	AH151	0 27	108	P 1	ASI		02H	-0.38
131	59	AH151	0.51	89	P 1	ASI		02H	0 76
134	60	AH096	1 4	15	P 1	PTP		TSH	0 73
113	61	AH151	0 16	107	P 1	ASI		01H	-0.9
113	61	AH151	0.33	87	P 1	ASI		01H	-0.52
117	61	AH151	1 44	90	P 1	ASI		01H	-0.22
117	61	AH151	0.37	69	P 1	ASI		02H	0 44
83	63	AH026	0.3	113	P 1	ASI		TSH	0 56
131	63	AH151	0.32	95	P 1	ASI		02H	-0 85
131	63	AH151	0 22	72	P 1	ASI		02H	0.71
105	65	AH151	0.43	78	P 1	ASI		02H	0.71
109	65	AH151	0.27	63	P 1	ASI		01H	0.51
109	65	AH151	0.53	89	P 1	ASI		01H	0 16
98	68	AH151	0.23	81	P 1	ASI		01H	-0.62
48	70	AH147	0.52	80	P 1	ASI		01H	-0 63
138	70	AC025	15 18	180	P 1	PTP		TSC	0 94
63	71	AH147	0.29	78	P 1	ASI		01H	-0.79

PSL-2 S/G "A"

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
65	71	AH106	0 4	106	4	CSI		TSH	-0 15
111	71	AH062	0 36	73	P 1	ASI		01H	-0.22
121	71	AH062	0.26	83	P 1	ASI		01H	-0.5
66	72	AH106	0.2	151	4	CSI		TSH	-0 1
88	72	AH062	0 35	87	P 1	ASI		01H	-0.69
88	72	AH062	0.21	95	P 1	ASI		01H	0 82
117	73	AH062	0.52	91	P 1	ASI		01H	-0.38
139	73	AC025	19 62	181	P 1	PTP		TSC	0 85
70	76	AH106	0 09	112	P 1	ASI		TSH	0.35
70	76	AH106	0 09	101	P 1	ASI		TSH	0.56
88	76	AH032	0.12	103	P 1	ASI		TSH	1 67
122	76	AH102	0.26	89	P 1	ASI		01H	0 53
83	77	AH032	0 13	98	P 1	AMI		TSH	1 84
103	79	AH057	0 19	81	P 1	ASI		01H	0 48
122	80	AH062	0.2	81	P 1	ASI		03H	-0.49
140	80	AH096	1 78	40	P 1	ASI		TSH	0 86
47	81	AC071	1.44		P 5	PTP		DCT	0 02
131	81	AH062	0.27	77	P 1	ASI		03H	0 83
123	83	AH062	0 22	77	P 1	ASI		01H	-0 71
123	83	AH062	0.17	72	P 1	ASI		01H	0.52
98	84	AH102	0.27	77	P 1	ASI		01H	-0.37
102	84	AH057	0 49	84	P 1	ASI		05H	0.86
116	86	AH062	0.24	103	P 1	ASI		01H	-0 74
140	86	AC071	1.38		P 5	PTP		DCT	
44	90	AC076	1 28		P 2	PTP		DCB	

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
71	91	AH111	0 11	105	P 1	ASI		TSH	0 33
94	92	AH057	0.33	80	P 1	ASI		02H	0 57
65	93	AH147	0 17	80	P 1	ASI		07H	0.89
69	93	AH147	0.27	84	P 1	ASI		03H	-0.63
139	95	AH101	2 88	31	P 1	ASI		TSH	0 82
93	99	AH062	0 19	79	P 1	ASI		02H	0.52
106	100	AH147	0 24	84	P 1	ASI		01H	-0 27
31	101	AC002	1 24		P 2	PTP		DCT	
39	103	AH001	0.38	28	P 1	ASI		TSH	-2 05
39	103	AH001	0.32	30	P 1	ASI		TSH	-1 82
101	103	AH147	0.2	62	P 1	ASI		06H	0 46
40	104	AH015	0.36	92	P 1	ASI		01H	-0 07
50	104	AH152	0.15	74	P 1	ASI		07H	-0.35
136	104	AC077	21 64	183	P 1	PTP		TSH	0.96
131	105	AH180	0 64	20	P 1	ASI		05H	3 86
114	106	AH149	0 41	111	P 1	ASI		02H	0.57
110	108	AH147	0.26	99	P 1	ASI		02H	0 83
134	108	AC085	21.97	182	P 1	PTP		TSH	0.87
19	109	AH015	0.25	64	P 1	ASI		02H	0.52
13	111	AH057	0 34	83	P 1	ASI		04H	0 87
19	111	AH015	0.21	108	P 1	ASI		04H	0 8
114	112	AH149	0 2	101	P 1	ASI		01H	-0 74
55	113	AH135	1.43	17	P 1	ASI		TSH	24 68
111	113	AH147	0.33	84	P 1	ASI		02H	0 47

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Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
131	113	AC085	24 97	179	P 1	PTP		TSH	0.93
40	114	AH003	0 18	96	4	CSI		TSH	-0 16
110	114	AH147	0 29	103	P 1	ASI		01H	0.55
13	115	AH057	0 24	80	P 1	ASI		04H	0 67
79	115	AH057	0.36	99	P 1	ASI		01H	-0 61
115	115	AH149	0.3	114	P 1	ASI		01H	0.61
24	116	AH015	0 24	79	P 1	ASI		01H	0.5
114	116	AH149	0 19	93	P 1	ASI		02H	0.75
78	126	AH149	0.32	108	P 1	ASI		01H	0 68
67	127	AH149	0 24	94	P 1	ASI		01H	0 75
24	128	AH147	0 2	65	P 1	ASI		01H	0 7
70	128	AH149	0.43	97	P 1	ASI		01H	-0.57
92	128	AH149	0.23	85	P 1	ASI		01H	0.58
13	129	AH147	0 4	87	P 1	ASI		01H	0.53
13	129	AH147	0 19	80	P 1	ASI		01H	-0 71
63	129	AH149	0 19	63	P 1	ASI		01H	-0.73
63	129	AH149	0.35	97	P 1	ASI		01H	0 46
67	129	AH149	0.14	87	P 1	ASI		01H	-0.59
87	129	AH129	1 67		P 2	PTP		VS3	0 84
70	130	AH149	0.19	67	P 1	ASI		03H	0 87
85	131	AH149	0.23	71	P 1	ASI		02H	0 78
4	132	AH152	0.32	102	P 1	ASI		02H	-0 65
8	132	AH147	0 17	71	P 1	ASI		01H	0.39
5	133	AH147	0.26	68	P 1	ASI		03H	0 8
23	133	AH147	0.25	65	P 1	ASI		02H	0 85

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Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
63	133	AH149	0 17	75	P 1	ASI		01H	-0 89
14	134	AH147	0 27	77	P 1	ASI		01H	0 81
70	134	AH149	0.33	100	P 1	ASI		01H	-0 7
101	141	AH133	18 45	180	P 1	PTP		TSH	0.91
101	141	AH091	1.52	13	P 1	PTP		TSH	1 19
8	144	AH147	0.3	87	P 1	ASI		03H	0.8
68	144	AH149	0 17	101	P 1	ASI		01H	0 9
96	144	AH133	13 25	180	P 1	PTP		TSH	0 82
12	146	AH147	0 2	69	P 1	ASI		02H	0 82
24	146	AH147	0 18	74	P 1	ASI		02H	0 49
15	147	AH147	0 46	86	P 1	ASI		02H	0 21
8	148	AH147	0.26	93	P 1	ASI		01H	-0.11
8	148	AH147	0.2	99	P 1	ASI		03H	0.44
20	148	AH147	0 26	76	P 1	ASI		01H	0.35
88	148	AH133	10 45	180	P 1	PTP		TSH	0 93
84	150	AH133	19 97	178	P 1	PTP		TSH	1 11
9	151	AH147	0.22	70	P 1	ASI		02H	0 95
10	152	AH147	0.27	89	P 1	ASI		02H	0 41
74	154	AH120	11 16	178	P 1	PTP		TSH	1 46
7	155	AH147	0.2	89	P 1	ASI		04H	-0 75
7	155	AH147	0 23	86	P 1	ASI		02H	-0 47
62	158	AH120	11 12	178	P 1	PTP		TSH	1 43
33	163	AH119	0.36		P 2	PTP		01H	0 81

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches

Total Indications: 147

Total Tubes: 129

Report Plugging Criteria: >= 40%, I-Codes, PTP, VOL, TRS

Indication Key:

PTP - Preventative Tube Plug
ASI - Axial Single Indication
AMI - Axial Multiple Indication
CSI - Circumferential Single Indication

Note:

All tubes with Dents measuring >= 10 volts and located between the Hot Leg Tubesheet (TSH) and the first support were preventively plugged (PTP). The preceeding listing of tubes included some tubes with PTP at the TSC (Tubesheet Cold Leg). These tubes also have Dents >= 10 volts on the Hot Leg side (TSH) and were plugged for that reason.

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
5	1	BC111	0 14	88	P 1	VOL		TSC	0 77
7	1	BC111	0 2		P 1	PTP		TSC	0.2
6	2	BC111	0.13	101	P 1	VOL		TSC	0 65
6	2	BC111	0.61	101	P 1	VOL		TSC	0.26
8	2	BC111	0 14	102	P 1	VOL		TSC	0.15
2	4	BH177	1.57	34	P 4	PTP		07H	10 26
41	5	BC041	11 04	180	P 1	PTP		TSC	1 14
4	6	BH160	0.36	97	P 1	ASI		01H	0 75
46	6	BC041	14 15	180	P 1	PTP		TSH	1.03
51	7	BC041	22.68	180	P 1	PTP		TSH	1
10	10	BH160	0.22	105	P 1	ASI		01H	0.84
62	10	BH055	0 92	17	P 1	PTP		TSH	0.54
74	14	BC041	17 21	179	P 1	PTP		TSH	0 95
3	15	BH160	0 27	141	P 1	ASI		03H	-0 2
60	16	BH097	0 13	106	P 1	ASI		01H	0 88
9	17	BH097	0 18	71	P 1	ASI		01H	0.86
84	18	BC045	24 53	181	P 1	PTP		TSH	0.97
88	20	BC045	12.56	180	P 1	PTP		TSH	1 02
4	22	BH160	0 18	102	P 1	ASI		03H	0.54
92	22	BC045	24 13	180	P 1	PTP		TSH	0.99
11	23	BH069	0 17	72	P 1	ASI		03H	0.62
9	27	BH069	0 23	84	P 1	ASI		01H	0.54
45	29	BH097	0 22	91	P 1	ASI		01H	0 75

PSL-2 S/G "B"

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
26	32	BH148	0 29	95	P 1	ASI		07H	0 58
48	34	BH069	0.35	94	P 1	ASI		01H	-0.34
41	35	BH069	0.35	75	P 1	ASI		01H	0 78
41	35	BH069	0 24	79	P 1	ASI		02H	0.85
115	37	BC045	42.61	180	P 1	PTP		TSH	1 02
23	39	BH148	0.22	87	P 1	ASI		07H	0 54
63	39	BH069	0.25	104	P 1	ASI		01H	0 22
65	41	BH069	0.32	92	P 1	ASI		01H	0.3
69	43	BH069	0 22	93	P 1	ASI		01H	-0.35
31	47	BH023	0 18	66	P 1	ASI		01H	0.52
41	47	BH015	0.3	83	P 1	ASI		02H	0 81
7	49	BC057	0.51	104	P 1	ASI		06C	0.53
7	49	BC057	0.33	101	P 1	ASI		06C	-0.19
30	50	BH159	0.34	90	P 1	AMI		07H	0.52
1	51	BH128	12.88	178	P 1	PTP		TSH	1.72
41	51	BH023	0 16	59	P 1	ASI		01H	-0.5
41	51	BH023	0 14	95	P 1	ASI		01H	-0 17
47	51	BH023	0 21	72	P 1	AMI		01H	0.25
47	51	BH023	0 28	101	P 1	AMI		01H	-0.25
61	51	BH148	0.31	100	P 1	ASI		07H	0 53
1	53	BH128	31 34	177	P 1	PTP		TSH	3 02
7	53	BH069	0 6	106	P 1	ASI		05H	0 56
41	53	BH023	0 27	100	P 1	ASI		01H	-0 5
41	53	BH023	0.2	90	P 1	ASI		01H	0 75
43	53	BH001	0 18	92	4	CSI		TSH	-0 16

PSL-2 S/G "B"

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
53	53	BH023	0.47	108	P1	ASI		01H	0.56
53	53	BH023	0.39	102	P1	ASI		01H	-0.37
42	54	BH002	0.26	131	4	CMI		TSH	-0.05
106	54	BH148	0.36	78	P1	ASI		01H	0.73
40	56	BH023	0.15	73	P1	ASI		01H	-0.41
40	56	BH023	0.31	109	P1	ASI		01H	0.51
1	59	BC095	2.63	25	P2	PTP		07C	8.62
41	61	BH023	0.27	85	P1	ASI		01H	0.58
53	61	BH002	0.42	134	4	CSI		TSH	-0.12
46	62	BH023	0.27	84	P1	ASI		01H	0.51
48	62	BH023	0.41	99	P1	ASI		01H	-0.28
48	64	BH166	0.25	73	P1	ASI		01H	-0.45
64	64	BH048	0.24	84	P1	ASI		01H	0.99
118	64	BH150	0.89	92	P1	ASI		02H	0.49
118	64	BH187	0.99	132	5	ASI		02H	0.54
59	65	BH023	0.59	98	P1	ASI		01H	-0.45
59	69	BH149	0.21	110	P1	ASI		07H	-0.44
75	69	BH149	0.25	66	P1	ASI		07H	0.64
115	69	BH098	0.13	93	P1	ASI		01H	-0.44
47	71	BH149	0.45	100	P1	ASI		01H	-0.44
105	71	BH098	0.24	102	P1	ASI		01H	-0.22
61	73	BH149	0.2	87	P1	ASI		05H	0.6
139	73	BC016	14.1	178	P1	PTP		VS1	9.21
139	73	BH147	1.11	11	P1	PTP		TSH	0.6
47	75	BH149	0.2	75	P1	ASI		01H	0.9

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1:31:51 PM

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
59	75	BH149	0.37	91	P1	ASI		01H	-0.65
65	75	BH149	0.22	66	P1	ASI		07H	-0.7
71	75	BH111	0.16	102	P1	ASI		TSH	-0.11
75	75	BH111	0.17	92	P1	ASI		TSH	0.23
110	76	BH069	0.21	97	P1	ASI		01H	-0.58
70	78	BH111	0.16	107	P1	ASI		TSH	0.31
74	78	BH111	0.17	130	P1	ASI		TSH	0.36
74	78	BH111	0.15	98	P1	ASI		TSH	0.72
102	78	BH069	0.23	99	P1	ASI		01H	-0.76
65	79	BH164	0.23	84	P1	ASI		07H	-0.63
74	80	BH116	0.17	88	P1	ASI		TSH	0.5
140	80	BH147	0.99	15	P1	PTP		TSH	0.57
140	80	BC016	0.83	147	P1	PTP		09H	0.89
49	81	BC068	1.67		P2	PTP		DHT	
75	83	BH116	0.21	100	P1	AMI		TSH	0.93
66	84	BH164	0.2	68	P1	ASI		05H	0.53
140	84	BH147	0.93	11	P1	PTP		TSH	0.8
67	85	BH164	0.28	48	P1	ASI		03H	-0.25
66	86	BH164	0.26	90	P1	ASI		04H	0.53
48	88	BC068	1.68		P2	PTP		DHB	
58	88	BH149	0.31	88	P1	AMI		02H	0.19
61	89	BH164	0.32	90	P1	ASI		04H	
65	89	BH121	0.13	128	P1	ASI		TSH	0.42
77	89	BH121	0.11	86	P1	ASI		TSH	0.56

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1:31:51 PM

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
76	90	BH122	0 2	105	P 1	ASI		TSH	0 9
71	91	BH122	0 16	104	P 1	AMI		TSH	0 69
133	91	BH098	0 42	99	P 1	ASI		02H	0 31
76	92	BH122	0 12	92	4	CSI		TSH	0 16
126	92	BH053	0.22	90	P 1	ASI		01H	-0 67
45	93	BH149	0 19	86	P 1	ASI		04H	0 76
61	93	BH149	0.31	84	P 1	ASI		05H	-0.34
61	93	BH149	0 26	42	P 1	ASI		02H	0 15
75	93	BH121	0 17	115	P 1	AMI		TSH	0 61
48	94	BH165	0 19	52	P 1	ASI		02H	0 52
74	94	BH121	0.12	97	P 1	ASI		TSH	0 49
76	94	BH122	0.13	103	4	CSI		TSH	-0.29
110	94	BH069	0.21	118	P 1	ASI		01H	0.8
53	95	BH149	0.25	112	P 1	ASI		04H	0 79
53	95	BH149	0 23	59	P 1	ASI		01H	-0 44
57	95	BH149	0.33	75	P 1	ASI		03H	0 81
57	95	BH149	0 18	91	P 1	ASI		02H	0 83
61	95	BH149	0 18	89	P 1	ASI		07H	0 41
61	95	BH149	0.37	98	P 1	ASI		04H	0 89
73	95	BH121	0 15	54	P 1	ASI		TSH	0.71
139	95	BC025	18 46	179	P 1	PTP		TSH	0 84
62	96	BH149	0.21	79	P 1	ASI		04H	0 83
66	96	BH149	0 2	74	P 1	ASI		05H	-0 76
53	97	BH149	0 16	54	P 1	ASI		05H	0.88
58	98	BH149	0 16	78	P 1	ASI		03H	0 77
58	98	BH149	0 22	67	P 1	ASI		03H	0 86

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1 31:51 PM

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
63	99	BH122	0 21	120	P 1	ASI		TSH	0 24
40	100	BH023	0 2	105	P 1	ASI		01H	0 79
48	100	BH023	0.3	88	P 1	ASI		01H	0 85
49	105	BH015	0.35	62	P 1	ASI		01H	-0 14
103	105	BH161	0.33	84	P 1	ASI		01H	0 23
66	106	BH047	0 35	89	P 1	ASI		01H	0 65
84	106	BH161	0 25	65	P 1	ASI		01H	-0 68
101	107	BH161	0 17	96	P 1	ASI		01H	0 52
101	107	BH161	0 17	88	P 1	ASI		01H	-0.8
64	108	BH047	0.32	90	P 1	ASI		01H	-0.37
80	108	BH047	0.25	105	P 1	ASI		02H	0 45
134	108	BC080	10 43	180	P 1	PTP		TSH	0.94
48	110	BH023	0.22	77	P 1	ASI		02H	-0 47
110	110	BH161	0.3	82	P 1	ASI		01H	0 87
27	111	BH208	0.26	97	P 1	ASI		05H	0 71
83	111	BH096	0.23	75	P 1	VOL		TSH	0.2
2	112	BH149	0.26	76	P 1	ASI		06H	0 25
12	112	BH149	0 19	96	P 1	ASI		05H	0 84
48	114	BH159	0 23	97	P 1	ASI		06H	-0 53
41	115	BH006	0.3	70	4	CSI		TSH	-0 03
59	115	BH149	0.18	67	P 1	ASI		07H	0.94
129	115	BC080	1 39	106	P 1	PTP		08H	0.84
34	116	BC004	16.51	177	P 1	PTP		TSH	6 45
38	116	BH006	0 12	115	4	CSI		TSH	0.02

PSL-2 S/G "B"

OUTAGE: 11/01

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
122	116	BC081	12.91	183	P 1	PTP		TSH	12.52
7	117	BH149	0 22	99	P 1	ASI		07H	0.42
17	117	BH023	0.36	82	P 1	ASI		02H	-0 04
37	117	BH006	0 14	79	4	CSI		TSH	-0 09
37	117	BH006	0 12	94	4	CSI		TSH	0 11
49	117	BH015	0.24	90	P 1	ASI		01H	-0 02
49	117	BH015	0 46	104	P 1	ASI		01H	0.33
-69	117	BH047	0.25	93	P 1	ASI		01H	0.3
2	118	BH149	0 2	84	P 1	ASI		06H	0 67
30	118	BH209	0 2	106	P 1	ASI		06H	0.69
30	118	BH209	0 19	76	P 1	ASI		06H	-0 55
30	118	BH209	0 16	79	P 1	ASI		06H	0.22
15	119	BH047	0 27	106	P 1	VOL		02H	0.66
59	119	BH047	0 22	84	P 1	ASI		02H	0.25
71	119	BH047	0 19	93	P 1	ASI		01H	-0 44
124	120	BH161	0 12	90	P 1	ASI		01H	0.51
126	120	BH099	0 58	14	P 1	PTP		TSH	0.5
3	121	BH149	0 26	112	P 1	ASI		03H	-0.76
49	121	BH015	0.21	83	P 1	ASI		03H	0 52
63	121	BH046	0.27	82	P 1	ASI		01H	0 74
18	122	BH015	0.19	73	P 1	ASI		04H	0 46
30	122	BH015	0.22	76	P 1	ASI		02H	0 44
7	123	BH160	0 29	86	P 1	ASI		01H	0 77
4	124	BH160	0 3	101	P 1	ASI		05H	0 71
10	124	BH160	0 19	87	P 1	ASI		01H	0.46
10	124	BH187	0 17	51	2	ASI		01H	0.6

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1:31 51 PM

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
49	125	BH161	0.24	53	P 1	ASI		01H	0 19
53	125	BH161	0 19	68	P 1	ASI		01H	-0 56
61	125	BH161	0.16	76	P 1	ASI		01H	-0 9
77	125	BH161	0 2	83	P 1	ASI		01H	-0 93
77	125	BH161	0.1	74	P 1	ASI		03H	0 82
8	126	BH160	0 18	70	P 1	ASI		05H	0 55
48	126	BH161	0 34	77	P 1	ASI		01H	-0 42
56	126	BH161	0 19	75	P 1	ASI		04H	0 83
43	127	BH161	0.29	90	P 1	AMI		01H	0 43
53	127	BH198	0.23	91	P 1	ASI		01H	-0.29
77	127	BH161	0 22	98	P 1	ASI		01H	0 41
77	127	BH161	0 18	94	P 1	ASI		01H	-0 44
103	127	BH185	0 44	71	P 1	ASI		01H	0.89
103	127	BH187	0 26	98	5	ASI		01H	0 8
42	128	BH161	0 13	85	P 1	ASI		02H	0.59
42	128	BH161	0 13	80	P 1	ASI		01H	-0 62
56	128	BH161	0.3	85	P 1	AMI		01H	0.6
68	128	BH161	0.22	97	P 1	ASI		01H	0 5
78	128	BH161	0 21	68	P 1	ASI		01H	-0 59
41	129	BH161	0 19	80	P 1	ASI		03H	0.58
67	129	BH185	0.35	86	P 1	ASI		01H	0 42
6	130	BC099	0 26	105	P 1	ASI		06C	0.55
60	130	BH161	0 24	77	P 1	ASI		01H	-0 93
74	130	BH161	0 83	89	P 1	ASI		01H	0 73
116	130	BH092	0 48	14	P 1	PTP		TSH	0.91

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1 31:51 PM

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
103	131	BH161	0 29	102	P 1	ASI		03H	-0 55
103	131	BH187	0 2	137	2	ASI		02H	-0 53
103	131	BH185	0.34	81	P 1	ASI		02H	0 82
103	131	BH187	0 16	113	2	ASI		02H	0 68
115	131	BC078	10 53	179	P 1	PTP		TSH	1 12
4	132	BH160	0 18	80	P 1	ASI		03H	0.92
84	132	BH196	0.28	113	P 1	ASI		01H	-0.76
103	133	BH161	0.22	69	P 1	ASI		02H	0.93
34	134	BH161	0 24	90	P 1	ASI		04H	0 54
82	134	BH161	0.22	91	P 1	ASI		01H	-0 6
27	135	BH160	0 22	61	P 1	ASI		02H	0.32
53	135	BH161	0.31	100	P 1	ASI		01H	0 57
59	135	BH161	0 17	74	P 1	ASI		03H	0 88
4	136	BH160	0.32	108	P 1	ASI		03H	-0.99
6	136	BH160	0.44	97	P 1	ASI		03H	-0 73
30	136	BH042	0 09	123	P 1	ASI		TSH	1 07
5	137	BH160	0 13	82	P 1	ASI		03H	-0.37
53	137	BH161	0.48	93	P 1	ASI		01H	-0 89
6	138	BH160	0 19	87	P 1	ASI		03H	0 91
13	139	BH160	0 21	86	P 1	ASI		02H	0 88
61	139	BH164	0.36	97	P 1	ASI		01H	0.54
7	141	BH160	0.24	85	P 1	ASI		05H	0 9
53	141	BH164	0 27	76	P 1	ASI		02H	0.83
53	141	BH164	0 15	56	P 1	ASI		02H	-0.54
6	142	BH160	0.29	98	P 1	ASI		02H	0 26

PSL-2 S/G "B"

OUTAGE: 11/01

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Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
50	142	BH164	0 27	86	P 1	ASI		02H	-0.75
58	142	BH164	0 18	76	P 1	ASI		04H	0 48
7	143	BH160	0 18	69	P 1	ASI		04H	0 53
11	143	BH160	0 19	98	P 1	ASI		02H	-0 3
11	143	BH160	0.14	78	P 1	ASI		03H	0 52
11	143	BH160	0 44	89	P 1	ASI		02H	0 68
21	143	BH160	0 14	78	P 1	ASI		03H	1 01
16	144	BH160	0 18	64	P 1	ASI		03H	-0.57
96	144	BC078	25 23	181	P 1	PTP		TSH	1.21
5	145	BH160	0.19	89	P 1	ASI		02H	0 63
5	145	BH160	0.14	70	P 1	ASI		02H	0 44
11	145	BH160	0 14	85	P 1	ASI		05H	0 82
13	145	BH160	0 2	80	P 1	ASI		02H	0 74
13	145	BH163	1 1	17	P 2	ASI		DHT	15 16
59	145	BH164	0.2	102	P 1	ASI		01H	0 82
10	146	BH160	0.29	85	P 1	ASI		03H	0 9
58	146	BH164	0.24	91	P 1	ASI		01H	0 94
58	146	BH164	0.38	79	P 1	ASI		03H	0.33
66	148	BH164	0 27	75	P 1	ASI		01H	-0.37
7	149	BH160	0.3	87	P 1	ASI		05H	0 75
9	149	BH160	0.23	69	P 1	ASI		03H	0 86
49	149	BH164	0 25	92	P 1	ASI		03H	0 4
59	149	BH164	0.2	76	P 1	ASI		03H	-0 42
10	150	BH160	0.29	83	P 1	ASI		02H	0 9
30	150	BH160	0 25	71	P 1	ASI		03H	0 75
50	150	BH164	0.39	102	P 1	ASI		03H	-0 12

PSL-2 S/G "B"

OUTAGE: 11/01

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches
84	150	BC078	17 67	180	P 1	PTP		TSH	1 21
11	151	BH160	0 37	105	P 1	ASI		03H	-0.32
11	151	BH160	0 61	98	P 1	ASI		02H	0 44
6	152	BH160	0 3	95	P 1	ASI		03H	-0.24
6	152	BH160	0.38	98	P 1	ASI		05H	-0 48
12	152	BH160	0 23	84	P 1	ASI		02H	-0.54
34	152	BH164	0 21	77	P 1	ASI		05H	-0.56
11	153	BH160	0 17	102	P 1	ASI		02H	0 74
53	153	BH164	0 32	78	P 1	ASI		02H	0 95
14	154	BH160	0 21	67	P 1	ASI		02H	-0.3
16	154	BH160	0.31	98	P 1	ASI		02H	-0 22
16	154	BH160	0 21	80	P 1	ASI		03H	-0.6
74	154	BH138	13 72	183	P 1	PTP		TSH	1.35
48	156	BH164	0.18	81	P 1	ASI		03H	0.56
9	157	BH160	0.22	83	P 1	ASI		03H	-0 51
23	157	BH160	0 18	65	P 1	ASI		02H	0.42
34	158	BH164	0 3	75	P 1	ASI		02H	-0 63
1	159	BH037	1 07	9	P 1	PTP		TSH	1 65
1	159	BH109	12.4	180	P 1	PTP		TSH	1 43
11	161	BH160	0 15	69	P 1	ASI		05H	-0 54
11	161	BH160	0 41	90	P 1	ASI		02H	0.59
10	162	BH205				PTP			
34	162	BH185	0 17	81	P 1	ASI		02H	-0 58
7	163	BH160	0 14	69	P 1	ASI		07H	-0 23

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1:31:51 PM

Pluggable Indications

Attachment 2

Row	Line	Cal	Volts	Deg	Chan	Indn	Percent	Support	Inches

Total Indications: 273

Total Tubes: 232

Report Plugging Criteria: >= 40%, I-Codes, PTP, VOL, TRS

Indication Key:

PTP - Preventative Tube Plug
ASI - Axial Single Indication
AMI - Axial Multiple Indication
CSI - Circumferential Single Indication
VOL - Volumetric Indication

Note:

All tubes with Dents measuring >= 10 volts and located between the Hot Leg Tubesheet (TSH) and the first support were preventively plugged (PTP). The preceeding listing of tubes included some tubes with PTP at the TSC (Tubesheet Cold Leg). These tubes also have Dents >= 10 volts on the Hot Leg side (TSH) and were plugged for that reason.

St. Lucie Unit 2

Attachment 3

Steam Generator 20%-39% Indication Lists

PSL-2 S/G "A"

OUTAGE: 11/01

7/09/02 1:31 51 PM

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
3	49	0.52		P2		21	02C	-0.78	LR		AC067	A600MULC	07HTEC	1S-DEGC	12/5/01
14	166	0.78		P2		24	01C	-0.89	PS		AH112	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
15	165	0.56		P2		22	01H	-0.98	GN		AH113	A-600-M/ULC	TECTEH	1S-NDD	12/9/01
19	63	0.52		P2		20	VS3	-0 67	PS		AC021	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
20	64	0.45		P2		22	VS3	-0.61	PS		AC022	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
21	63	0.36		P2		20	VS3	-0 82	PS		AC022	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
31	67	0.51		P2		23	DCB		PS		AC010	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
31	101	1.24		P2		37	DCT		PS		AC002	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
31	101	1 12		P5		33	DCT		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
34	68	0.59		P2		24	DHB		PS		AC010	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
35	69	1 44		P2		33	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
35	69	0 79		P2		25	DHB		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
37	69	1 02		P2		33	DCB				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
37	69	0 45		P2		23	DHB				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
37	69	1 11		P5		33	DCB		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
37	99	0 62		P2		23	DCB		PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
38	96	0 63		P2		25	DCB		PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
38	96	0 4		P2		20	DCT		PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
39	51	0 35		P2		20	VS3	0 79	PS		AC008	A-600-M/ULC	TEHTEC	1S-IMP	12/1/01
39	71	0 41		P2		20	DCB	0.14	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
40	70	0 42		P2		20	DHB	0 43	PS		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
40	70	0.38		P2		20	DCT	-0 03			AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
42	70	1 06		P2		34	DCB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
42	70	1 06		P5		32	DCB		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
42	72	1 07		P2		34	DHB		PS	4	AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
42	72	0.52		P2		25	DCT				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
42	96	0 74		P2		27	DHT		PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
43	71	0.54		P2		25	DCB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
43	73	0 68		P2		24	DHB	0.61	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
43	73	0 51		P2		21	DCB				AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
43	93	0 4		P2		20	DCB		LR		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
43	97	0 44		P2		20	DCT		PS	4	AC075	A-600-M/ULC	TEHTEC	1S-IMP	12/6/01
44	70	0 62		P2		23	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
44	72	0 41		P2		20	DHB	0 49	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01

PSL-2 S/G "A"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
44	90	1.28		P2		37	DCB		LR		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/7/01
44	94	0.48		P2		22	DHB		PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
44	100	0.41		P2		22	DCT		PS		AC002	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
44	156	0.32		P2		20	VS3	-0.83	PS		AH120	A-600-M/ULC	TECTEH	1S-IMP	12/6/01
45	71	0.61		P2		23	DCB	0.23	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
45	75	0.38		P2		22	DCT				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
45	75	0.55		P2		25	DHT				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
45	91	0 74		P2		27	DHB		PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
45	91	0 98		P2		32	DCT		PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
45	91	0 85		P2		29	DHT		LR		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
45	97	0 4		P2		20	DCT		PS		AC076	A-600-M/ULC	TEHTEC	1S-IMP	12/6/01
45	99	0.5		P2		21	VS3	0 66	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
46	74	0 44		P2		23	DHB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
46	76	0.44		P2		23	DHT				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
46	76	0.78		P2		29	DHB		LR	4	AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
46	90	0.54		P2		23	DCT	0 15	PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
46	100	0.76		P2		23	VS3	0 47	PS		AC001	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
46	112	0.63		P2		20	VS3	0 74			AC003	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
47	77	1 19		P2		30	DCT	0 43	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	77	0.79		P2		25	DHB	0.52			AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	81	1 81		P2		36	DCT	0 12	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	81	0.59		P2		23	DHB				AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	81	0.98		P2		28	VS3				AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	81	1 44		P5		38	DCT	0 02	LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
47	81	0.64		P2		23	DHT				AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	91	0.54		P2		22	DHB		PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
47	97	0 7		P2		24	VS3	0 66	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
47	97	0 63		P2		23	DCB		PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
47	115	0.51		P2		23	VS3	-0.86	PS		AC004	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
47	155	0.37		P2		20	VS3	-0 72	PS		AH120	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
48	50	0.46		P2		23	VS3	-0 65	PS		AC006	A-600-M/ULC	TEHTEC	1S-IMP	12/1/01
48	76	0.42		P2		20	DHB	0.58			AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	76	0.48		P2		21	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	78	0.87		P2		31	DHB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	90	0 49		P2		21	DCT	0.2	LR	4	AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01

PSL-2 S/G "A"

OUTAGE: 11/01

7/09/02 1.31 51 PM

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
48	96	0.55		P2		22	VS3	-0 89	PS		AC075	A-600-M/ULC	TEHTEC	1S-IMP	12/6/01
48	96	0.39		P2		20	VS3	0 63	PS		AC075	A-600-M/ULC	TEHTEC	1S-IMP	12/6/01
48	100	0.5		P2		24	DCB		PS		AC002	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
49	73	0.52		P2		25	DCB		LR	4	AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	79	0.61		P2		26	DCT				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	79	1 07		P2		34	VS3	-0.23			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	79	0.82		P2		30	DHT		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	79	1 12		P2		35	VS3	0.63			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	87	1 18		P2		35	DCT		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	87	1 12		P5		33	DCT		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
49	95	0.65		P2		23	VS3	-0.98	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
49	95	0.89		P2		26	DCT		PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
49	95	0 41		P2		20	VS3	0 81	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
50	70	0.32		P2		21	DCB		PS	4	AC074	A-600-M/ULC	TEHTEC	1S-IMP	12/6/01
50	72	0 45		P2		23	DCB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	82	0 94		P2		27	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	88	1		P2		33	DCB				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	88	0 84		P2		30	DHT		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	90	0 42		P2		20	DCB		PC		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
51	35	0 44		P2		22	VS3	-0.91	PS		AC046	A-600-M/ULC	TEHTEC	1S-DEG	12/3/01
51	73	0.47		P2		21	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
51	77	1 09		P2		34	DCT		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
51	77	1.25		P5		35	DCT		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
51	79	0.68		P2		24	DHT		PC		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
51	79	0 47		P2		21	DCT		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
51	83	0.5		P2		21	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
51	83	0.56		P2		22	DCT	0.32	PS		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
51	83	0.46		P2		21	DHB		PC		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
51	87	1 55		P2		34	DCT		PS		AC073	A-600-M/ULC	TEHTEC	1S-NDD	12/7/01
51	87	0 49		P2		21	DHB	0.03	PS		AC073	A-600-M/ULC	TEHTEC	1S-NDD	12/7/01
51	119	0.37		P2		21	VS3	0 63	PS		AC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
51	157	0 73		P2		25	VS3	-0 52	PS		AH120	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
52	84	0 5		P2		24	DCT		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	88	0 43		P2		20	DCT		LR	4	AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	88	0.69		P2		24	DCB		PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01

PSL-2 S/G "A"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location	Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
52	92	0.63		P 2		23	DCT	SC		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
52	92	0.91		P 2		27	VS3 0 63	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
53	73	0.34		P 2		21	DCB	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	77	0 4		P 2		20	DCT 0 12	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	77	1.84		P 2		36	DHT	LR		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	77	1 29		P 2		31	DHB 0.66	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	81	1 09		P 2		29	DCT 0.31			AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	81	0.81		P 2		26	DHB	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	89	0 75		P 2		29	DHB			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
53	123	0.32		P 2		20	VS3 0.9	PS		AH120	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
53	127	0 9		P 2		29	VS3 -0.6	PS		AH125	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
53	129	0.39		P 2		21	VS3 -0.69	PS		AH125	A-600-M/ULC	TECTEH	1S-NDD	12/6/01
54	80	0.3		P 2		20	DCB			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	80	0.3		P 2		20	DHB -0.27			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	86	0 28		P 2		20	DHB	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	86	0.41		P 2		22	VS3 0 71			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	86	0 44		P 2		23	VS3 -1			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	96	0 41		P 2		20	VS3 -0.23	PS		AC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
54	100	0.56		P 2		23	VS3 0 79	PS		AC015	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
54	128	0 45		P 2		22	VS3 -0 73	PS		AH125	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
55	73	0 49		P 2		21	VS3			AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
55	87	0 61		P 2		26	DHB	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
55	87	0.52		P 2		25	DCT			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
55	87	0.29		P 2		20	VS3 -0 83			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	78	0.94		P 2		32	DCB			AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	84	0.56		P 2		25	DCB	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	86	1.32		P 2		31	DCB	PC		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	88	0.46		P 2		21	DCT	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	152	0.78		P 2		24	VS3 -0 86	PS		AH119	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
57	75	0.4		P 2		22	VS3 -0.65	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
57	77	0.66		P 2		24	DCT -0 12	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
57	87	0.43		P 2		20	DCB	PC		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
57	133	0 71		P 2		22	VS3 0 68	PS		AH124	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
57	155	0 57		P 2		20	VS3 0.65	PS		AH119	A-600-M/ULC	TECTEH	1S-DEG	12/6/01

PSL-2 S/G "A"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg Chan Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
58	76	0.33	P 2	21	DCB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
58	86	0.68	P 2	28	DCB		LR	4	AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
59	81	0 41	P 2	20	DCB	-0 23	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
59	87	0 41	P 2	23	DHB				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
60	82	0.58	P 2	26	DHB	-0.03	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
60	86	0.56	P 2	22	DHB	0 14	PS		AC073	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
61	25	0.52	P 2	20	VS4		PS	4	AC051	A-600-M/ULC	TEHTEC	1S-DEG	12/3/01
61	79	0.93	P 2	32	DCB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
61	85	0.39	P 2	22	DCB				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
62	80	0.82	P 2	30	DCB		PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
62	80	1 01	P 5	31	DCB		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
62	86	0.33	P 2	21	DCB				AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
63	79	0 42	P 2	20	DCB	0.29	PS		AC073	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
66	46	0.33	P 2	21	03H	1 01	GN		AC013	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
72	78	0 45	P 2	23	VS4	0.55	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
73	77	0.29	P 2	20	VS2	-0.96	PS		AC074	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
75	49	0.59	P 2	22	VS3	-0.54	PS		AC012	A-600-M/ULC	TEHTEC	1S-IMP	12/1/01
77	85	0.32	P 2	21	VS4	0.81	PS		AC074	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
78	52	0.66	P 2	27	VS4	0 73	PS		AC013	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
78	62	0.65	P 2	27	VS2	1 02	PS		AC013	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
78	62	0.36	P 2	21	VS4	0.58	PS		AC013	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
79	67	0 48	P 2	20	VS2	-1.3	PS		AC012	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
79	67	0.45	P 2	20	VS4	1 04	PS		AC012	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
81	29	1 06	P 2	29	VS3	0 63			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
81	29	0.54	P 2	22	VS3	-0 86	PS		AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
81	29	0 78	P 2	25	VS4	-0.86			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
81	29	0 76	P 2	25	VS3	-0 11			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
82	40	0.41	P 2	20	VS3	-0.8			AC055	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
82	44	1.32	P 2	31	VS2	0 74	PS		AC055	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
82	44	0 43	P 2	20	VS3	-0.82			AC055	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
82	60	0.58	P 2	23	VS3	-0 76	PS		AC057	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
82	74	0 71	P 2	24	VS2	-0 7	PS		AC031	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01

PSL-2 S/G "A"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location	Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
84	52	0.58		P2	26	VS4	0.72			AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
84	52	0.96		P2	33	VS3	0.23	PS		AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
85	141	0.67		P2	22	VS3	0.63	LR	4	AH132	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
86	22	1.42		P2	33	VS3	-0.85			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
86	22	0.48		P2	21	VS3	0.57			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
86	22	0.81		P2	26	VS2	0.85	PS		AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
86	118	0.39		P2	20	VS3	-0.76	LR		AC078	A-600-M/ULC	TEHTEC	1S-NDD	12/6/01
87	129	1.67		P2	37	VS3	0.84	PS		AH129	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
87	143	0.38		P2	20	VS2	-0.86	PS		AH133	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
87	143	0.54		P2	23	VS3	0.95	PS		AH133	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
88	20	0.44		P2	22	VS2	-0.89	PS		AC054	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
88	28	0.43		P2	20	VS3	-0.85	PS		AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
88	28	0.69		P2	24	VS4	-0.23			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
88	28	0.63		P2	23	VS4	-0.8			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
89	21	0.57		P2	25	VS2	0.66	LR	4	AC054	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
89	57	0.39		P2	20	VS2	0.99	PS		AC057	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
90	24	0.78		P2	25	VS3	-0.68			AC053	A-600-M/ULC	TEHTEC	1S-IMP	12/4/01
90	58	0.41		P2	20	DHT		LR		AC057	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
90	58	0.37		P2	20	VS3	-0.62	PS		AC057	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
91	103	0.61		P2	23	VS4	-0.82	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
91	131	0.44		P2	20	VS3	0.83	PS		AH129	A-600-M/ULC	TECTEH	1S-IMP	12/6/01
91	133	0.44		P2	20	08C	0.89	GN		AH129	A-600-M/ULC	TECTEH	1S-NDD	12/9/01
92	26	0.68		P2	24	VS4	0.43			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
92	26	0.73		P2	25	VS4	-0.87			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
92	26	0.44		P2	21	VS3	-0.9			AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
92	58	0.33		P2	21	VS2	-0.81	PS		AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
92	58	1.49		P5	39	VS4	-0.15	LR	WAR	AC071	PLUSPT580-1C	VS4VS4	RPC-VSDCL	12/5/01
92	58	1.24		P2	37	VS4	-0.19	PS		AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
92	58	0.87		P5	28	VS4	1.27	LR	WAR	AC071	PLUSPT580-1C	VS4VS4	RPC-VSDCL	12/5/01
92	58	0.9		P2	32	VS4	-0.93	PS		AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
92	86	1.22		P2	36	VS3	-0.73	LR		AC034	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
92	86	0.53		P2	23	VS2	0.79	PS		AC034	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
92	132	0.53		P2	21	VS2	0.86	RC		AH129	A-600-M/ULC	TECTEH	1S-IMP	12/6/01
93	57	0.44		P2	21	DHT		SC		AC057	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
93	59	0.66		P2	24	VS4	0.75	PS		AC057	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
93	75	0.59		P2	22	VS2	-0.25	SS		AC031	A-600-M/ULC	TEHTEC	1S-NDD	12/2/01

PSL-2 S/G "A"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location	Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
93	87	0 6		P 2		22	VS2 -0.73	PS		AC033	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
93	131	1 25		P 2		30	VS2 0 84	PS		AH128	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
94	44	0.34		P 2		20	VS2 -0.95	PS		AC056	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
94	44	0.38		P 2		21	VS2 0 8			AC056	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
94	64	0.56		P 2		21	VS4 -0 65			AC059	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
94	64	0.53		P 2		20	VS3 0.96			AC059	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
94	64	1 18		P 2		29	VS2 0 76			AC059	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
94	88	0.66		P 2		23	VS4 0 87	PS		AC033	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
94	88	0.51		P 2		21	VS2 -0.85	PS		AC033	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
94	96	0 8		P 2		29	VS2 -0 8	PS		AC036	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
94	96	0 44		P 2		22	VS4 0 87	PS		AC036	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
94	120	0.39		P 2		20	VS3 -0.81	PS		AC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	120	0 44		P 2		21	VS4 -0.81	PC		AC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	120	0.78		P 2		28	VS2 0 69	PS		AC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
95	35	0.45		P 2		22	08H -0.97	GY		AC054	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
95	41	0.87		P 2		31	DHT	PS		AC056	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
95	57	0.37		P 2		21	VS2 0 8	PS		AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
95	59	0.43		P 2		23	VS3 0 69			AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
95	59	0.36		P 2		21	VS2 0 71	PS		AC058	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
95	89	0 39		P 2		20	VS4 -0.63	LR	4	AC034	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
95	105	0 6		P 2		22	VS3 0 86	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
95	139	0 45		P 2		21	VS2 -1	PS		AH133	A-600-M/ULC	TECTEH	1S-IMP	12/6/01
96	30	0 42		P 2		21	VS2 0.75			AC054	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
96	34	0 71		P 2		24	VS2 -0.92	PS		AC053	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
96	58	0 48		P 2		21	VS4 0 03			AC057	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
96	78	0.63		P 2		27	VS3 -0 88			AC032	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
96	108	1 11		P 2		29	VS3 -0.93	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	108	0 48		P 2		21	VS4 0.58	LR	4	AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	108	0 83		P 2		26	VS2 -0.87	PS		AC075	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	134	0.63		P 2		21	VS3 -0.95	PS		AH128	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
96	138	0 74		P 2		26	VS3 -0.57	LR		AH133	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
97	87	0.56		P 2		22	VS2 -0 58	PS		AC033	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
97	93	0.62		P 2		25	VS3 0.84	PS		AC036	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
97	121	0 47		P 2		22	08C 0.77	PS		AC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01

PSL-2 S/G "A"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
97	127	0.93		P2		26	VS3	0 92	LR	4	AH128	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
97	133	0.54		P2		20	VS4	-0 71	PS		AH128	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
97	133	0 87		P2		25	VS2	-0 91	PS		AH128	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
97	139	0.64		P2		22	VS2	-0.68	PS		AH132	A-600-M/ULC	TECTEH	1S-DEG	12/6/01
98	28	0 81		P2		29	VS4	0 54			AC054	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
98	30	0 48		P2		21	VS2	0.41	PS		AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
101	27	0.38		P2		20	02H		GN		AC054	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
105	33	0 43		P2		20	VS2	0 09	PS		AC053	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
122	44	0 69		P2		28	DCT		PC		AC056	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
123	113	0 44		P2		20	VS1	-0.77	PS		AC085	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
123	113	0.51		P2		21	VS4	1 14			AC085	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
124	50	0 45		P2		20	VS1	0 72	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
124	50	0 87		P2		29	VS2	-0 92	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
125	105	0 43		P2		21	08C	0 82	GN		AC078	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
126	50	0 47		P2		21	08H	-0.31	GN		AC063	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
126	50	0.51		P2		22	VS1	0 81	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
126	54	0.54		P2		20	VS1	1 08			AC062	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
126	72	0.43		P2		22	08H	0.82	PS		AC026	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
126	106	0.37		P2		20	VS1	-1.02	PS		AC086	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
126	120	0 65		P2		23	08H	-0.87	PS		AC092	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
127	59	0.48		P2		21	VS1	0 9	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
127	117	0 47		P2		20	VS1	0 8	PS		AC092	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
128	52	0.5		P2		22	DHT		LR	4	AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
128	64	0.54		P2		23	VS1	0.78	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
129	57	0 74		P2		27	DCT		LR	4	AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
131	55	0 46		P2		21	DCB		PS		AC063	A-600-M/ULC	TEHTEC	1S-IMP	12/4/01
132	58	0.52		P2		22	DHB		LR	4	AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
132	64	0.5		P2		22	DHT		PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
133	63	0.56		P2		20	VS1	0 74	LR	4	AC062	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
134	72	0.34		P2		20	VS1	0.9	PS	4	AC026	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
134	98	0 64		P2		22	VS3	-0 29	RC		AC029	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
134	102	0 7		P2		27	DCT		PS		AC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01

PSL-2 S/G "A"

OUTAGE: 11/01

7/09/02 1:31:51 PM

Attachment 3

Description: 20% to 39% Degraded Tubes

Row	Col	Volts	Deg	Chan	Indn	Percent	Location	Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
135	63	0.66		P2		25	09H	0.78	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
135	63	0.41		P2		20	VS1	0.84	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
135	63	0.95		P2		31	VS1	-0.78	PS		AC063	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
135	71	0.31		P2		20	VS1	-0.87	PS		AC026	A-600-M/ULC	TEHTEC	1S-NDD	12/2/01
135	73	1.05		P2		27	VS4	0.98	PS		AC025	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
135	73	0.58		P2		20	VS3	0.78	PS		AC025	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
135	73	0.69		P2		22	VS1	0.81	PS		AC025	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
135	97	0.57		P2		20	VS1	0.85	PS		AC029	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
135	97	0.52		P2		20	VS3	0.63	PS		AC029	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
136	70	0.59		P2		20	VS3	-0.75	PS		AC025	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
136	70	0.77		P2		23	VS1	-0.84	PS		AC025	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
137	101	0.55		P2		20	09H	0.93	GN		AC077	A-600-M/ULC	TEHTEC	1S-IMP	12/9/01
138	98	1.46		P2		33	DHT		PS		AC029	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
139	91	0.9		P2		26	DHT		PS		AC029	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
139	91	1.1		P5		32	DCT		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
139	91	1.48		P2		33	DCT		LR		AC029	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
140	86	1.48		P2		33	DCT		PS		AC029	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
140	86	1.38		P5		37	DCT		LR	WAR	AC071	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01

Total Indications: 290

Total Tubes: 203

PSL-2 S/G "B"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
5	1	0 44		P 2		20	01C	-0 86	GN		BC033	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
29	103	0 69		P 2		23	VS3	-0.84	PS		BC005	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
32	106	0 6		P 2		21	VS3	-0 89	PS		BC005	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
33	99	0 49		P 2		21	DCB	-0.26	PS	4	BC070	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
34	68	0 87		P 2		25	DCT	0.96	PS		BC010	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
34	68	0 95	103	P 5		30	DCB		LR	WAR	BC073	PLUSPT/5801C	VS3DCB	RPC-VSDCL	12/5/01
34	68	1 42		P 2		33	DCB	-0 78	PS		BC010	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
34	68	0 69	108	P 5		24	DCT		LR	WAR	BC073	PLUSPT/5801C	VS3DCB	RPC-VSDCL	12/5/01
34	98	0.61		P 2		22	VS3	0.76	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
34	98	0 68		P 2		22	VS3	-0.79	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
34	98	0 67		P 2		22	DHT		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
34	98	0.6		P 2		21	DHB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
34	100	0.74		P 2		23	DHB		PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
34	100	1 14		P 2		29	DHT		PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
34	102	0.59		P 2		21	VS3	0.83	PS		BC005	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
34	108	0 71		P 2		23	VS3	-0.81	PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
35	71	0.6		P 2		22	DCB		PS		BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
35	97	0.51		P 2		20	DHB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
35	101	0.67		P 2		22	VS3	-0.73	PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
36	68	0.61		P 2		23	VS3	0.92	PS		BC009	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
36	70	0 44		P 2		20	DHB		LR	4	BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
36	70	0.88		P 2		26	DCB		PS		BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
37	71	0.69		P 2		24	DHT		PC		BC058	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
37	99	0 75		P 2		23	VS3	-0.29	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
37	99	0 64		P 2		22	VS3	-0 7	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
37	99	0 88		P 2		25	DHB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
37	99	1.37		P 2		30	DCB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
38	104	0 51		P 2		20	VS3	0 98	PS		BC005	A-600-M/ULC	TEHTEC	1S-IMP	12/1/01
39	65	0.55		P 2		21	VS3	-0.86	PS		BC007	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
39	69	0.67		P 2		23	VS3	0 95			BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
40	70	0.52		P 2		22	VS3	0 89	PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
40	104	0 71		P 2		23	VS3	-0.93	PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
40	162	0.58		P 2		22	01C	-0 97	GN		BH137	A-600-M/ULC	TECTEH	1S-NDD	12/9/01
42	94	1.3		P 2		29	DCB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
43	47	0.67		P 2		22	VS3	-0 81	PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01

PSL-2 S/G "B"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
43	61	0 75		P 2		25	VS3	0 87	PS		BC007	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
43	75	0 47		P 2		21	DCB		SC		BC059	A-600-M/ULC	TEHTEC	1S-NDD	12/5/01
43	93	0.51		P 2		20	DCB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
43	93	1 07		P 2		27	DHT		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
44	76	0.97		P 2		27	DHB		PS		BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
44	94	0 84		P 2		24	DCB		LR	4	BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
45	25	0.56		P 2		22	VS3	-1 04	PS		BC042	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
45	71	0 78		P 2		26	DCT		PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
45	75	0.53		P 2		22	DCB		PS		BC058	A-600-M/ULC	TEHTEC	1S-IMP	12/5/01
45	93	0 66		P 2		24	DCB		PS		BC070	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
46	70	1 03		P 2		29	VS3	1 04	PS		BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
46	94	0.86		P 2		27	DCB		PS		BC070	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
46	94	0 88		P 2		27	VS3	-0 78	PS		BC070	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
47	101	0.51		P 2		20	VS3	0.9	PS		BC006	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
48	70	0 42		P 2		20	VS3	0 81	PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	72	0 4		P 2		20	VS3	-0.71	PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	84	1 16		P 2		31	DCT	0.41	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	84	1.56		P 2		36	DHB	0 76	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	84	1.23		P 5		32	DCT		LR	WAR	BC061	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
48	88	0.65		P 2		23	DHT		PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	88	1 68		P 2		37	DHB	0.23	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	88	1 01		P 2		28	DCB	-0.06	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
48	92	0.54		P 2		21	DHB		PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
49	59	0 49		P 2		20	VS3	0 78	PS		BC007	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
49	59	0.7		P 2		24	VS3	-0.92	PS		BC007	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
49	81	1 67		P 2		37	DHT		LR		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/8/01
49	81	0 82		P 2		26	DCB	-0.15	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	72	0 49		P 2		21	VS3	-0.82	PS		BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	80	0 66		P 2		23	DHB		PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
50	84	0 89		P 2		25	DCT		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
50	106	0.54		P 2		21	VS3	0.93	PS		BC006	A-600-M/ULC	TEHTEC	1S-IMP	12/1/01
50	150	0 63		P 2		23	DCT	0.23	PS		BH137	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
51	79	0.63		P 2		22	DCB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
51	79	0.57		P 2		21	DHT		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01

PSL-2 S/G "B"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
51	83	0.75		P2		24	DCT	0 12	RC		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
51	83	0.54		P2		21	DCB		PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
51	89	0.6		P2		22	DHB	-0 03	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
51	95	0 8		P2		24	07H	0.41	GN		BH132	A-600-M/ULC	TECTEH	1S-NDD	12/9/01
51	121	0.51		P2		20	VS3	-0 95			BC003	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
52	76	0 89		P2		27	VS3	0 75	PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	78	0.57		P2		22	DCT		PS		BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	78	1 05		P2		28	VS3	0 76	LR	4	BC059	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	80	1 74		P2		33	DHB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	80	0.59		P2		21	VS3	-0.46	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	80	0 75		P2		23	VS3	0 89	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	80	0.55		P2		21	DCT	-0.13	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	88	0.62		P2		22	DCB	-0.17	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	88	1 07		P2		29	VS3	0 18	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
52	90	0.57		P2		21	DCB		LR	4	BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	94	0.68		P2		22	VS3	-1 15	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	94	0.62		P2		22	DCB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
52	116	0.92		P2		28	VS3	0.71		DBH	BC003	A-600-M/ULC	TEHTEC	1S-DEG	11/30/01
52	146	0.58		P2		22	VS3	-0.61	PS		BH133	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
53	81	0 7		P2		23	DHT	0.25	PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	78	0.59		P2		23	DHB		PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	78	0.73		P2		25	DCB				BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	86	0.59		P2		21	DCT		PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	90	0 53		P2		20	DCB		PS		BC068	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
54	92	0.96		P2		26	VS3	1 28	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
55	77	1.32		P2		33	DCB		PS		BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
55	87	1 1		P5		30	DCT		LR	WAR	BC061	PLUSPT580-1C	DCTDCB	RPC-VSDCL	12/5/01
55	87	1.53		P2		32	DCT		PS		BC090	A-600-M/ULC	TEHTEC	1S-DEG	12/7/01
55	125	0.97		P2		30	VS3	-0.77	LR	4	BC082	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
55	139	1.2		P2		29	VS3	0 69	PS		BH131	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
56	76	0.56		P2		22	VS3	-0 86	LR	4	BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	76	1 09		P2		30	VS3	0 7			BC058	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
56	90	0 67		P2		22	VS3	-0 26	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
56	142	0.57		P2		21	07C	-0 83	PS		BH131	A-600-M/ULC	TECTEH	1S-NDD	12/7/01

PSL-2 S/G "B"

OUTAGE: 11/01

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
57	51	1 08		P 2		31	VS3	-0.69	PS		BC007	A-600-M/ULC	TEHTEC	1S-DEG	12/1/01
57	85	0 46		P 2		20	DCB		PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
60	134	0.59		P 2		20	VS3	-0 74	PS	4	BC084	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
62	88	0 77		P 2		23	VS3	-0 81	PS		BH132	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
64	152	0 45		P 2		20	VS2	-0 89	PS		BH137	A-600-M/ULC	TECTEH	1S-IMP	12/7/01
68	50	0.58		P 2		20	VS3	-0 97	PS		BC010	A-600-M/ULC	TEHTEC	1S-DEG	12/3/01
76	146	0 47		P 2		20	VS2	0.78	PS		BH133	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
76	146	0 49		P 2		20	VS3	0 72	RC		BH133	A-600-M/ULC	TECTEH	1S-DEG	12/7/01
86	48	0 54		P 2		20	VS2	1 08	PS		BC047	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
88	78	0 66		P 2		21	VS2	0.97	PS		BC028	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
88	86	0 7		P 2		21	VS3	0.63	PS	4	BC028	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
88	120	0 71		P 2		25	VS4	-0.7	PS		BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
88	138	0 47		P 2		20	DCB		PS		BC078	A-600-M/ULC	TEHTEC	1S-IMP	12/6/01
89	83	1 22		P 2		32	VS3	-0.82	PS		BC027	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
89	111	0 91		P 2		29	VS4	-0.7	PS		BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
89	117	0 66		P 2		22	VS2	-0 8	LR		BC077	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
89	135	0.5		P 2		20	DCB		PS		BC079	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
92	142	0.54		P 2		21	VS2	0.31			BC079	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
93	97	0 5		P 2		20	VS2	0.72	PS		BH030	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
93	101	0 78		P 2		27	VS2	-0.79	SS		BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
93	101	0.5		P 2		21	VS3	-0 58			BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	24	0 59		P 2		21	DCB		LR	4	BC044	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
94	100	0.97		P 2		30	VS2	0 88			BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	100	1 1		P 2		32	VS2	-0 88	PS		BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	124	0.61		P 2		22	VS2	-0 8			BC079	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	126	0 63		P 2		22	VS2	-1 2	PS		BC079	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
94	136	0.5		P 2		20	VS4	0.9	PS		BC079	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
95	29	0 77		P 2		23	DCT		PS		BC045	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
95	143	0 69		P 2		24	VS2	-0.95	PS		BC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	24	0.64		P 2		21	08H	-0 85	PS		BC045	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
96	24	0 66		P 2		22	VS4	0 86	PS		BC045	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
96	24	0 69		P 2		22	DCB		PS		BC045	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
96	24	0.64		P 2		21	07H	-0.2	LR	4	BC045	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1.31.51 PM

Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location		Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date
96	26	0 89		P 2		25	VS4		PC		BC045	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
96	26	0.54		P 2		20	DHT	0.06	SC		BC045	A-600-M/ULC	TEHTEC	1S-NDD	12/4/01
96	34	1.25		P 2		32	VS2	-0 59	PS		BC044	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
96	78	1 01		P 2		26	VS2	-0.91	PS		BC028	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
96	108	0 87		P 2		25	VS2	-0 75	LR	4	BC077	A-600-M/ULC	TEHTEC	1S-DEG	12/5/01
96	114	1.22		P 2		34	VS2	-0 88	PS		BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	114	0.84		P 2		28	VS2	-0 09			BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	114	0.54		P 2		22	VS2	0 64			BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	114	0.48		P 2		20	VS3	-0.85			BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	114	0.63		P 2		24	VS4	0.76			BC076	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
96	144	0.56		P 2		22	DCB		PS		BC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
97	41	0 58		P 2		21	VS3	-0.88			BC044	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
97	41	0.89		P 2		27	VS4	0.91			BC044	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
97	41	1 09		P 2		30	VS2	0 06	LR	4	BC044	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
97	71	0 78		P 2		25	VS4	0.97	PS		BC027	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
98	82	0.55		P 2		20	VS3	1	PS		BC027	A-600-M/ULC	TEHTEC	1S-DEG	12/2/01
100	28	0 83		P 2		26	DCT	-0 12	PS		BC044	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
101	27	0.9		P 2		25	DCT		PS		BC045	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
108	136	0 67		P 2		24	02C	-1	LR		BC078	A-600-M/ULC	TEHTEC	1S-DEG	12/6/01
113	51	0.52		P 2		20	02H	-0.06	GN		BC050	A-600-M/ULC	TEHTEC	1S-MBM	12/9/01
126	48	0.51		P 2		21	DHT		LR		BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
129	115	0 93		P 2		30	08H	0.9	GY		BC080	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
129	115	0 87		P 2		28	08H	-1 07	GY	4	BC080	A-600-M/ULC	TEHTEC	1S-NDD	12/9/01
130	58	0.58		P 2		21	DCT		LR	4	BC050	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
131	55	0 88		P 2		27	DCB	-0.38			BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
131	59	1 06		P 2		28	DCT				BC050	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
132	58	0.6		P 2		22	DCB	-0.5	LR	4	BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
132	58	0 79		P 2		26	VS1	-0 79			BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
133	59	0 76		P 2		25	DCB	0.39	PS		BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
134	60	0.54		P 2		21	DHB	-0 7	PS		BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
135	63	0.56		P 2		22	DHT		PS		BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01
135	101	1 3		P 2		30	VS1	0.73	RC		BC081	A-600-M/ULC	TEHTEC	1S-DEG	12/7/01
137	67	1 48		P 2		35	DHT		PS		BC049	A-600-M/ULC	TEHTEC	1S-DEG	12/4/01

PSL-2 S/G "B"

OUTAGE: 11/01

7/09/02 1:31.51 PM

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Description: 20% to 39% Degraded Tubes

Attachment 3

Row	Col	Volts	Deg	Chan	Indn	Percent	Location	Util1	Util2	Cal	Probe	Extent Tested	Dataset	Date

Total Indications: 169

Total Tubes: 124