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A. Edward Scherer
Director
Nuclear Regulatory Affairs

June 19, 2008

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

Subject: **Docket No. 50-361**
Special Report: Inspection of Steam Generator Tubes, Cycle 15
San Onofre Nuclear Generating Station, Unit 2

Dear Sir or Madam:

San Onofre Nuclear Generating Station Unit 2 entered Mode 4 on January 12, 2008 following the completion of an inspection of steam generator tubes during the Cycle 15 Refueling Outage. Technical Specification (TS) 5.7.2.c states "A report shall be submitted within 180 days after the initial entry into MODE 4 following completion of an inspection performed in accordance with the Specification 5.5.2.11, Steam Generator (SG) Program."

Accordingly we have attached the required report. The report contains no new commitments.

If you require any additional information, please contact Clay Williams at (949) 368-6707.

Sincerely,

Attachment

cc: E. E. Collins, NRC Regional Administrator, Region IV
N. Kalyanam, NRC Project Manager, San Onofre Units 2, and 3
G. G. Warnick, NRC Senior Resident Inspector, San Onofre Units 2 & 3

A001
NRR

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SPECIAL REPORT - INSPECTION OF STEAM GENERATOR TUBES

Regulatory Reporting Requirements

Reporting Requirement 5.7.2.c of Appendix A, Technical Specification to Facility Operating License NPF-10 requires a report of steam generator tube inspections to be submitted to the Nuclear Regulatory Commission within 180 days after the initial entry into MODE 4 following completion of an inspection performed in accordance with the Specification 5.5.2.11, Steam Generator (SG) Program. The report shall include:

1. The scope of inspections performed on each SG,
2. Active degradation mechanisms found,
3. Nondestructive examination techniques utilized for each degradation mechanism,
4. Location, orientation (if linear), and measured sizes (if available) of service induced indications,
5. Number of tubes plugged or repaired during the inspection outage for each active degradation mechanism,
6. Total number and percentage of tubes plugged or repaired to date,
7. The results of condition monitoring, including the results of tube pulls and in-situ testing,
8. The effective plugging percentage for all plugging and tube repairs in each SG, and
9. Repair method utilized and the number of tubes repaired by each repair method.

Inspection Scope

Table 1 summarizes the scope of inspections performed on each SG. Also, when indications by the bobbin probe were non-quantifiable or distorted, the inspection scope included inspection with the Plus Point Probe. There were no significant inspection scope expansions in response to inspection results.

TABLE 1 – Scope of Inspections Performed: Unit 2 Cycle 15 (U2C15) Refueling Outage

Inspection Scope	SG E-088 Tubes/Percent	SG E-089 Tubes/Percent
Full length of tube with the bobbin probe (excluding sleeved regions, tube section below sleeves and U-bends for Rows 1-3)	8093/100%	8224/100%
Hot leg expansion transition of unsleeved tubes at the top-of-tubesheet with the Plus Point Probe to an extent of 4 inches above to 13 inches below the top-of-tubesheet	7934/100%	8127/100%
Cold leg expansion transition at the top-of-tubesheet with the Plus Point Probe to an extent of 2 inches above to 13 inches below the top-of-tubesheet	8093/100%	8224/100%
U-bend regions of Rows 1, 2, and 3 with both mid-frequency and high-frequency Plus Point Probes	179/100%	171/100%
U-bend regions of Rows 4 through 10 with the mid-frequency Plus Point Probe (Note 1)	90/22%	90/21%
Plus Point Probe examination of tube support intersections with dents greater than, or equal to, 2 volts	2476/100%	1679/100%
Plus Point Probe examination of dings greater than, or equal to, 4 volts	404/100%	309/100%
Plus Point Probe examination of all tube support intersections with quantified wear indications by the bobbin probe	311/100%	387/100%
Full length of sleeves with the Plus Point Probe	159/100%	97/100%

Table 1 Note 1: No indications in a 100% inspection performed in 2004.

Results of the Inspection of Tubes

Table 2 summarizes the degradation found and number of tubes plugged. Each tube is only counted once in this listing, although it may also have an eddy current indication of a type below the point in the listing where it appears. The Appendices provide detail.

No degradation was found in:

- the cold leg tubesheet region
- tubing bends
- dings in tubing freespan

A robotic visual inspection of the untubed regions of the top of the tubesheet (i.e., tube bundle periphery and central blowdown lane) was performed on the secondary side of both Steam Generators. One previously unretrievable analyzed object was again observed and re-verified unretrievable in the hot leg periphery of Steam Generator 88. Two previously unretrievable analyzed objects were again observed and re-verified unretrievable in the cold leg periphery and in the stay cavity region of Steam Generator 89. All three of these objects have an analysis for acceptability for tube integrity documented in the Corrective Action Process.

TABLE 2 – Degradation Found and Number of Tubes Plugged: U2C15 Refueling Outage

Indication Orientation/Location	Steam Generator E-088	Steam Generator E-089
Tubes with axially oriented ID (initiated on the inside-diameter of the tubing wall) indications at tube support locations	1	2
Tubes with axially oriented OD (initiated on the outside-diameter of the tubing wall) indications at tube support locations	28	47
Tubes with axially oriented OD indications not associated with a tube support (freespan)	2	2
Tubes with circumferentially oriented ID indications near the expansion transition at the top of the hot leg tubesheet	33	12
Tubes with circumferentially oriented OD indications near the expansion transition at the top of the hot leg tubesheet	15	22
Tubes with axially oriented OD indications near the top of the hot leg tubesheet	4	6
Tubes with axially oriented ID indications in the hot leg tubesheet region	34	10
Tubes with circumferentially oriented ID indications in the hot leg tubesheet region	8	6
Tubes with indications of wear at tube support locations	7	17
Sleeved tubes with an eddy current signal indicative of the onset of obstruction (Notes 1 and 2)	1	1
Total	133	125

Table 2 Note 1: These two sleeves were inspected full length with the rotating plus point probe. They were not obstructed.

Table 2 Note 2: Overall, the rotating plus point probe inspection results for 100% of the sleeves indicated the effectiveness of previous significant preventive plugging. However, SCE Nuclear Fuel Management continues implementation of a conservative assumption (for accident analysis) that each remaining inservice sleeve may pose the potential for reactor coolant flow blockage, similar to that of a tube that is removed from service by plugging. The previous preventive plugging and the conservative assumption were described in the previous report (Letter from B. Katz (SCE) to Document Control Desk (NRC) dated February 7, 2006; Subject: Docket No. 50-361, Special Report: Inservice Inspection of Steam Generator Tubes, Cycle 14, San Onofre Nuclear Generating Station, Unit 2).

Examination Techniques

Table 3 provides the list of Nondestructive Examination (NDE) techniques utilized for each degradation mechanism.

TABLE 3 – Nondestructive Examination (NDE) Techniques Utilized for Each Degradation Mechanism

Indication Orientation/Location	Probe Type for	
	Detection	Characterization
Circumferentially oriented and axially oriented ID indications near or below the expansion transition at the top of the hot leg and cold leg tubesheets	Plus Point	Plus Point
Axially oriented OD indications and Circumferentially oriented OD indications near the top of the hot and cold leg tubesheets	Plus Point	Plus Point
Axially oriented OD indications not associated with a tube support (freespan)	Bobbin	Plus Point
Axially oriented OD indications at tube support locations	Bobbin Plus Point (Note 1)	Plus Point Plus Point
Axially oriented ID indications at tube support locations	Bobbin Plus Point (Note 1)	Plus Point Plus Point
Indications of wear at tube support locations	Bobbin	Plus Point
Axially oriented ID indications and Circumferentially oriented ID indications in Low-Row U-bends	Plus Point	Plus Point
Circumferentially oriented ID indications at the flanks of tubing bends	Plus Point	Plus Point
Axially oriented OD indications at dings in tubing freespan (dings ≤5 volts)	Bobbin	Plus Point
Axially oriented OD indications at dings in tubing freespan	Plus Point	Plus Point
Axially and Circumferentially oriented ID and OD indications and volumetric indications at sleeve in parent tubing below lower and above upper joints, and joints	Plus Point	Plus Point

Table 3 Note 1: Plus Point technique is used at dents greater than, or equal to, two volts

Condition Monitoring

Condition Monitoring demonstrated that performance criteria in Technical Specifications sections 5.5.2.11.b.1 (structural integrity) and 5.5.2.11.b.2 (accident induced leakage) were met during operation prior to this inspection.

In situ pressure testing was not needed for any eddy current indications. All indications were below screening criteria of the Electric Power Research Institute (EPRI) In Situ Pressure Testing Guidelines. Table 4 contains all crack-like indications. SONGS Unit 2 Technical Specifications contain alternate repair criteria for a portion of the tube in the tubesheet region. However, all tubes with crack-like indications were removed from service. Voltage is the only size-related measurement for numerous indications in Table 4. This is consistent with industry guidance for tube integrity assessment. Industry guidance provides ranges of voltage measurement values for which voltage is the only needed size-related measurement. Table 4 addresses location, orientation and measured sizes of service-induced indications (except wear of tubing at tube supports). Appendices 3 and 4 address location and measured sizes of service-induced indications of wear of tubing at tube supports.

No tubes were removed (pulled) for destructive testing during this outage.

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
88	6	138	07H	-0.98	SAI	OD	0.15					
88	7	55	07C	0.97	SAI	OD	0.32					
88	7	137	TSH	-1.95	SCI	ID	0.57	68	N/A			27
88	7	143	TSH	-4.84	SCI	ID	0.33					
88	8	156	TSH	-0.15	SCI	ID	0.57	72	N/A			27
88	9	51	03H	-0.32	SAI	OD	0.27					
88	10	40	TSH	-0.08	SCI	ID	0.23					
88	11	147	TSH	-0.07	SCI	ID	0.57	65	N/A			23
88	12	24	06H	-0.13	SAI	OD	0.27					
88	13	47	TSH	-0.02	SCI	ID	0.33					
88	13	55	05H	0.64	SAI	OD	0.26					
88	14	126	TSH	-0.15	SCI	ID	0.40					
88	14	130	TSH	-0.06	SCI	ID	0.45					
88	15	141	TSH	-2.8	SCI	ID	0.27					
88	16	140	TSH	-8.44	SCI	ID	0.51	36	N/A			23
88	17	15	TSH	-6.32	SAI	ID	0.55	56		N/A	0.64	
88	17	15	TSH	-6.03	SAI	ID	0.55	44		N/A	0.13	
88	17	57	01H	0.75	SAI	OD	0.31					
88	17	57	06H	0.58	SAI	OD	0.22					
88	17	59	TSH	-1.09	SAI	ID	0.42					
88	18	34	TSH	0.05	SCI	ID	0.32					
88	19	141	TSH	-6.13	SAI	ID	0.50					
88	20	120	TSH	-0.19	SCI	ID	0.42					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
88	21	31	TSH	-14.04	SCI	ID	0.48					
88	21	63	07C	-0.85	SAI	OD	0.35					
88	21	113	TSH	-2.37	SAI	ID	0.52	54		N/A	0.15	
88	21	127	04H	0.77	SAI	OD	0.18					
88	21	129	TSH	-0.09	SCI	OD	0.31					
88	22	52	03H	-0.7	SAI	OD	0.31					
88	23	109	TSH	-1.15	SAI	ID	0.26					
88	23	109	TSH	-0.79	SAI	ID	0.51	49		N/A	0.12	
88	23	109	TSH	-0.57	SAI	ID	0.58	43		N/A	0.15	
88	24	64	TSH	-0.81	SAI	ID	0.95	36		N/A	0.15	
88	24	160	06H	-0.06	SAI	OD	0.20					
88	25	117	TSH	-0.16	SCI	ID	0.39					
88	25	133	TSH	-0.14	SCI	ID	0.70	53	N/A			27
88	25	133	TSH	-0.13	SCI	ID	0.53	61	N/A			39
88	27	61	TSH	-4.41	SAI	ID	0.87	39		N/A	0.15	
88	27	61	TSH	-1.2	SAI	ID	0.92	42		N/A	0.24	
88	27	159	02H	0.03	SAI	OD	0.23					
88	27	159	02H	0.79	SAI	OD	0.28					
88	27	159	03H	0.87	SAI	OD	0.49					
88	28	120	TSH	-6.66	SAI	ID	0.52	51		N/A	0.16	
88	30	8	03H	0.85	SAI	OD	0.24					
88	30	38	TSH	-0.08	SCI	ID	0.51	41	N/A			27
88	30	52	TSH	0.66	SAI	OD	0.22					
88	31	67	TSH	-0.06	SCI	ID	0.61	73	N/A			27
88	31	69	TSH	0	SAI	ID	0.57	32		N/A	0.12	
88	31	107	TSH	-1.05	SAI	ID	0.80	43		N/A	0.22	
88	31	123	05H	0.66	SAI	OD	0.28					
88	31	165	05H	-0.34	SAI	ID	0.76	66		N/A	0.18	
88	31	165	05H	0.39	SAI	ID	0.60	39		N/A	0.12	
88	31	165	05H	0.54	SAI	ID	0.39					
88	32	112	TSH	-2.08	SAI	ID	0.69	46		N/A	0.22	
88	32	112	TSH	-1.63	SAI	ID	0.81	46		N/A	0.18	
88	32	122	TSH	-0.88	SAI	ID	0.74	46		N/A	0.12	
88	33	37	TSH	-0.1	SCI	ID	0.42					
88	34	108	TSH	-0.77	SAI	ID	0.66	51		N/A	0.15	
88	35	69	TSH	-1.07	SAI	ID	0.47					
88	36	70	TSH	-3.93	SAI	ID	0.70	40		N/A	0.15	
88	36	70	TSH	-3.11	SAI	ID	0.51	34		N/A	0.12	
88	36	70	TSH	-1.59	SAI	ID	0.75	40		N/A	0.12	
88	37	71	TSH	-2.58	SAI	ID	0.66	43		N/A	0.12	
88	38	28	01H	0.33	SAI	OD	0.23					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
88	38	28	05H	-0.67	SAI	OD	0.44					
88	38	110	TSH	-1.44	SAI	ID	0.79	38		N/A	0.15	
88	38	110	TSH	-0.65	SAI	ID	0.55	35		N/A	0.18	
88	40	58	TSH	-3.72	SAI	ID	0.41					
88	40	162	06H	0.25	SAI	OD	0.31					
88	41	39	TSH	-1.42	SCI	ID	0.71	39	N/A			31
88	41	69	TSH	-2.14	SAI	ID	0.69	32		N/A	0.12	
88	42	14	DBH	-0.81	SAI	OD	0.16					
88	42	14	DBH	-0.11	SAI	OD	0.20					
88	42	106	TSH	-1.18	SAI	ID	0.46					
88	43	73	TSH	-3.9	SAI	ID	0.65	43		N/A	0.12	
88	46	148	01H	-0.16	SAI	OD	0.24					
88	47	111	TSH	-3.12	SAI	ID	0.35					
88	47	111	TSH	-0.87	SAI	ID	0.84	54		N/A	0.33	
88	47	143	01H	-0.03	SAI	OD	0.15					
88	48	124	TSH	-0.1	SCI	ID	0.28					
88	48	134	TSH	-0.07	SCI	ID	0.57	50	N/A			23
88	49	47	08C	-1.17	SAI	OD	0.14					
88	50	102	TSH	-0.42	SAI	ID	0.40					
88	50	106	TSH	-0.07	SAI	ID	0.41					
88	50	148	08H	0.81	SAI	OD	0.38					
88	51	55	TSH	0.03	SCI	OD	0.29					
88	51	57	TSH	0.06	SCI	OD	0.36					
88	51	117	TSH	-0.1	SCI	ID	0.69	53	N/A			27
88	51	155	04H	0.75	SAI	OD	0.21					
88	52	72	TSH	0.23	SAI	OD	0.17					
88	52	112	TSH	-3.67	SAI	ID	0.45					
88	52	112	TSH	-3.37	SAI	ID	0.67	43		N/A	0.31	
88	52	112	TSH	-2.57	SAI	ID	0.51	34		N/A	0.21	
88	52	112	TSH	-1.87	SAI	ID	0.79	43		N/A	0.55	
88	53	57	TSH	0.15	MCI	OD	0.28					
88	53	113	TSH	-3.74	SAI	ID	0.43					
88	53	113	TSH	-5.31	SAI	ID	0.68	41		N/A	0.18	
88	53	113	TSH	-1.74	SAI	ID	0.74	41		N/A	0.18	
88	54	38	TSH	-0.02	SCI	ID	0.49					
88	54	60	TSH	0.15	SAI	OD	0.17					
88	54	72	TSH	0.06	SCI	OD	0.20					
88	56	126	TSH	-0.17	SCI	ID	0.39					
88	56	154	TSH	-7.34	SAI	ID	0.53	38		N/A	0.12	
88	57	73	TSH	0.09	SCI	OD	0.12					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
88	57	105	TSH	-2.35	SAI	ID	0.41					
88	57	161	06H	-0.41	SAI	OD	0.41	42		N/A	0.61	
88	58	70	TSH	-2.27	SAI	ID	0.65	54		N/A	0.12	
88	59	83	TSH	-1.4	SAI	ID	0.56	58		N/A	0.14	
88	59	83	TSH	-0.87	SAI	ID	0.30	47		N/A	0.12	
88	60	86	VC3	0.84	SAI	OD	0.23					
88	60	106	TSH	0	SCI	ID	0.31					
88	62	80	TSH	0.03	SCI	OD	0.22					
88	62	114	TSH	-2.04	SAI	ID	0.58	49		N/A	0.12	
88	64	120	TSH	-0.03	SCI	ID	0.47					
88	65	87	TSH	0.06	SCI	OD	0.14					
88	65	111	TSH	-1.11	SAI	ID	0.75	46		N/A	0.17	
88	65	111	TSH	-0.15	SCI	ID	0.41					
88	67	111	TSH	0.16	SCI	OD	0.16					
88	68	112	TSH	-9.88	SCI	ID	0.30					
88	68	112	TSH	-6.12	MCI	ID	0.55	72	N/A			74
88	69	119	TSH	-0.03	SCI	ID	0.51	66	N/A			39
88	69	119	TSH	-0.02	SCI	ID	0.37	56	N/A			19
88	70	86	TSH	-2.15	SAI	ID	0.50					
88	70	86	TSH	-1.84	SAI	ID	0.46					
88	70	104	TSH	0.17	SAI	OD	0.29					
88	72	100	TSH	0.05	SCI	OD	0.33					
88	75	95	TSH	-0.19	SCI	ID	0.63	74	N/A			62
88	75	99	TSH	0.08	SCI	OD	0.24					
88	76	18	06H	0.62	SAI	OD	0.22					
88	77	85	TSH	-1.92	SAI	ID	0.68	44		N/A	0.16	
88	78	74	TSH	-0.06	SCI	ID	0.32					
88	78	96	TSH	0.11	SCI	OD	0.20					
88	78	98	TSH	-0.1	SCI	ID	0.38					
88	78	102	TSH	0	SCI	ID	0.53	78	N/A			27
88	78	120	TSH	-6	SCI	ID	0.39					
88	79	81	TSH	-0.05	SCI	ID	0.17					
88	79	97	TSH	0.03	SCI	OD	0.37					
88	80	84	TSH	-0.08	SCI	ID	0.24					
88	81	93	TSH	-2.6	SAI	ID	0.61	44		N/A	0.21	
88	83	49	02H	2.02	SAI	OD	0.32					
88	83	87	TSH	-0.12	SCI	ID	0.45					
88	88	60	01H	2.27	SAI	OD	0.20					
88	90	42	08H	0.75	SAI	OD	0.26					
88	90	42	VC2	0.12	SAI	OD	0.24					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
88	90	78	TSH	-0.11	SCI	ID	0.27					
88	94	48	01H	0.21	SAI	OD	0.24					
88	95	71	TSH	-0.08	SCI	ID	0.30					
88	98	94	TSH	0	SCI	OD	0.22					
88	100	102	TSH	-0.07	SCI	ID	0.19					
88	100	118	TSH	0	SCI	ID	0.39					
88	107	97	TSH	0.03	SCI	OD	0.28					
88	111	67	02H	1.06	SAI	OD	0.46					
88	143	109	03H	-0.85	SAI	OD	0.46					
89	2	122	01H	0.74	SAI	OD	0.30					
89	3	127	07C	0.01	SAI	OD	0.41					
89	5	119	07H	-0.5	SAI	OD	0.53	50		N/A	0.32	
89	5	119	07C	0.61	SAI	OD	0.33					
89	5	119	07H	-0.3	SAI	OD	0.33					
89	6	58	TSH	-6.31	SCI	ID	0.33					
89	8	36	05H	-0.71	SAI	OD	0.35					
89	8	122	07H	-0.62	SAI	OD	0.27					
89	9	65	07H	0.73	SAI	OD	0.32					
89	9	117	05H	0.91	SAI	OD	0.26					
89	10	44	05H	-0.83	SAI	OD	0.31					
89	10	44	05H	0.54	SAI	OD	0.23					
89	11	19	04H	-0.19	SAI	OD	0.23					
89	11	19	06H	0.22	SAI	OD	0.30					
89	11	55	05H	0.94	SAI	OD	0.37					
89	11	65	01H	0.54	SAI	OD	0.30					
89	11	119	04H	-0.25	SAI	OD	0.31					
89	11	121	TSH	-10.71	SCI	ID	0.50					
89	11	131	TSH	-13.59	SCI	ID	0.72	38	N/A			28
89	12	114	06H	-0.16	SAI	OD	0.40					
89	12	128	01H	0.58	SAI	OD	0.22					
89	12	128	04H	0.5	SAI	OD	0.34					
89	14	18	05H	0.88	SAI	OD	0.17					
89	14	58	04H	1.07	SAI	OD	0.41					
89	15	131	TSH	-0.1	SCI	ID	0.43					
89	15	141	TSH	-0.08	SCI	ID	0.54	47	N/A			27
89	16	56	06H	-1.39	SAI	OD	0.12					
89	16	60	TSH	-0.09	SCI	ID	0.39					
89	17	49	TSH	0.08	SCI	OD	0.13					
89	18	26	06H	-0.15	SAI	OD	0.20					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
89	18	34	TSH	-5.71	SAI	ID	0.29					
89	18	34	TSH	-5.26	SAI	ID	0.48	46		N/A	0.18	
89	20	120	04H	0.69	SAI	OD	0.49	45		N/A	0.7	
89	20	120	04H	-0.26	SAI	OD	0.42					
89	23	137	TSH	-0.14	SCI	ID	0.32					
89	24	50	TSH	0.12	SCI	OD	0.23					
89	24	130	TSH	0.08	SCI	OD	0.19					
89	25	49	TSH	0.09	SCI	OD	0.16					
89	25	51	07C	-0.6	SAI	OD	0.32					
89	25	149	06H	-0.38	SAI	OD	0.26					
89	28	54	TSH	0.35	SAI	OD	0.37					
89	28	122	TSH	0.12	MCI	OD	0.19					
89	29	47	07H	0.61	SAI	OD	0.30					
89	29	59	TSH	-3.59	SAI	ID	0.32					
89	30	134	TSH	-6.96	SCI	ID	0.47					
89	32	48	TSH	-0.09	SCI	ID	0.45					
89	33	67	04H	0.5	SAI	OD	0.26					
89	33	67	TSH	0.47	SAI	OD	0.17					
89	33	67	TSH	0.62	SAI	OD	0.21					
89	34	112	04H	-0.34	SAI	OD	0.28					
89	35	49	TSH	0.27	SAI	OD	0.14					
89	35	111	04H	-0.29	SAI	OD	0.21					
89	35	111	TSH	-0.98	SAI	ID	0.72	44		N/A	0.17	
89	36	128	TSH	0.05	MCI	OD	0.34					
89	38	8	06H	0.7	SAI	OD	0.23					
89	39	45	TSH	0.04	MCI	OD	0.18					
89	39	131	TSH	-8.54	SAI	ID	0.47	38		N/A	0.15	
89	39	131	TSH	-7.5	SAI	ID	0.60	40		N/A	0.12	
89	39	133	TSH	-7.28	SAI	ID	0.73	60		N/A	0.17	
89	39	133	TSH	0.03	SCI	OD	0.24					
89	40	46	TSH	0.05	SCI	OD	0.25					
89	40	60	TSH	0.31	SAI	OD	0.33					
89	40	136	TSH	-8.81	SCI	ID	0.51	53	N/A			27
89	41	131	TSH	-0.16	SCI	ID	0.57	53	N/A			50
89	42	38	TSH	-0.12	SCI	ID	0.91	71	N/A			31
89	45	63	TSH	0.19	SAI	OD	0.26					
89	45	63	TSH	-3.16	SAI	ID	0.76	57		N/A	0.16	
89	45	63	TSH	-2.39	SAI	ID	0.53	60		N/A	0.16	
89	46	48	TSH	0.14	SCI	OD	0.13					
89	46	126	03H	-0.29	SAI	OD	0.41					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
89	46	134	06H	0.16	SAI	OD	0.47	46		30.43	0.87	
89	48	12	04H	0.61	SAI	OD	0.35					
89	48	52	TSH	0.12	SCI	OD	0.15					
89	48	64	TSH	-1.43	SAI	ID	0.37					
89	48	64	TSH	-2.18	SAI	ID	0.43	40		N/A	0.13	
89	48	130	TSH	-0.13	SCI	ID	0.36					
89	49	51	TSH	0.07	MCI	OD	0.15					
89	49	53	TSH	0.09	SCI	OD	0.17					
89	49	57	08H	1.54	SAI	OD	0.31					
89	50	106	TSH	0.15	SCI	OD	0.27					
89	52	120	TSH	-0.13	SCI	ID	0.62	63	N/A			28
89	54	52	TSH	-5.76	SCI	ID	0.44					
89	54	102	01H	13.43	SAI	OD	0.27					
89	55	45	TSH	-0.16	SCI	ID	0.36					
89	57	77	TSH	0.07	MCI	OD	0.25					
89	57	97	TSH	-4.39	SAI	ID	0.50	46		N/A	0.13	
89	58	54	TSH	-6.25	SAI	ID	0.34					
89	59	53	TSH	-0.17	SCI	ID	0.25					
89	59	89	06C	-0.69	SAI	OD	0.30					
89	59	89	VH3	0.08	SAI	OD	0.31					
89	62	74	TSH	1.36	SAI	OD	0.22					
89	62	92	TSH	0.13	SCI	OD	0.20	94	N/A			51
89	64	76	05H	0.67	SAI	OD	0.28					
89	64	80	TSH	-2.87	SAI	ID	0.35					
89	64	84	TSH	0.09	SCI	OD	0.19					
89	65	37	VSM	-0.93	SAI	OD	0.21					
89	70	68	TSH	0.06	SCI	OD	0.24					
89	70	92	TSH	-2.27	SAI	ID	0.29					
89	71	57	08H	0.52	SAI	OD	0.15					
89	71	67	TSH	0.14	SCI	OD	0.46					
89	75	53	TSH	-0.03	SCI	OD	0.12					
89	79	53	TSH	-0.02	SCI	ID	0.57	53	N/A			27
89	79	89	TSH	1	SAI	OD	0.17					
89	79	99	TSH	0	SCI	OD	0.33					
89	83	73	03H	-0.11	SAI	OD	0.29					
89	85	81	TSH	0.19	SCI	OD	0.31					
89	87	31	05H	0.33	SAI	ID	0.82	51		N/A	0.15	
89	87	47	03H	-0.21	SAI	OD	0.18					
89	89	93	TSH	-13	SAI	ID	0.48	46		N/A	0.12	
89	91	85	03H	0.2	SAI	OD	0.33					

TABLE 4 – Measured Sizes of Service-Induced Indications: U2C15 (continued)

SG	Row	Col	Elev	Inch	Ind	Origin	PP Volts	Depth	PDA	FLDA	PP Length	CA
89	93	113	02H	0.84	SAI	OD	0.35					
89	98	62	TSH	-13.92	SAI	ID	1.26	55		N/A	0.18	
89	98	82	01H	-0.44	SAI	OD	0.31					
89	106	126	02H	0.24	MAI	OD	0.44					
89	108	52	06H	0.67	SAI	ID	1.22	49		N/A	0.15	
89	108	126	02H	0.66	SAI	OD	0.33					
89	110	122	02H	0.82	SAI	OD	0.30					
89	112	134	02H	0.5	SAI	OD	0.54	51		N/A	0.74	
89	118	62	01H	0.95	SAI	OD	0.41					
89	118	62	04H	0.95	SAI	OD	0.25					
89	118	124	02H	0.43	SAI	OD	0.23					
89	122	110	05H	-0.3	SAI	OD	0.23					
89	128	60	04H	0.75	SAI	OD	0.42					
89	130	82	01H	-0.27	SAI	OD	0.67	55		N/A	0.61	

Table 4 Notes:
- SG 88 = SG E-088
- SG 89 = SG E-089
- PP = Plus Point
- Depth = Percent of Tube Wall Thickness
- PDA = Percent Degraded Area
- FLDA = Flaw-Length Degraded Area
- PP Length (units of measure are inches)
- CA = Crack Angle (degrees)
- Appendices 1 and 2 provide definitions for other terms

Repair Methods, Number of Tubes Repaired and Effective Plugging Percentage

All tube plugging was performed using the design, materials, and installation methods of AREVA. A "roll" method was used for all tube plugs. Eighty-eight (88) tubes were "stabilized" in the vicinity of the top of the tubesheet using the design, materials, and installation methods of AREVA. Sleeving was not used for tube repair for the Cycle 15 outage. The design number of tubes in each SG is 9350 tubes and the sleeve-to-plug equivalency ratio is thirty-eight (38) sleeves per plug.

TABLE 5 - Number of Tubes Plugged or Repaired and Effective Plugging Percentage

SG	# Tubes Plugged in 2C15	# Tubes Plugged To Date	# Sleeves Remaining in Service	Effective Plugging Percentage
88	133	1390	155	15.0%
89	125	1251	91	13.5%

Description of Appendices

Appendix 1 - Steam Generator Reference Information

Appendix 2 - Legend for Appendices 3 and 4

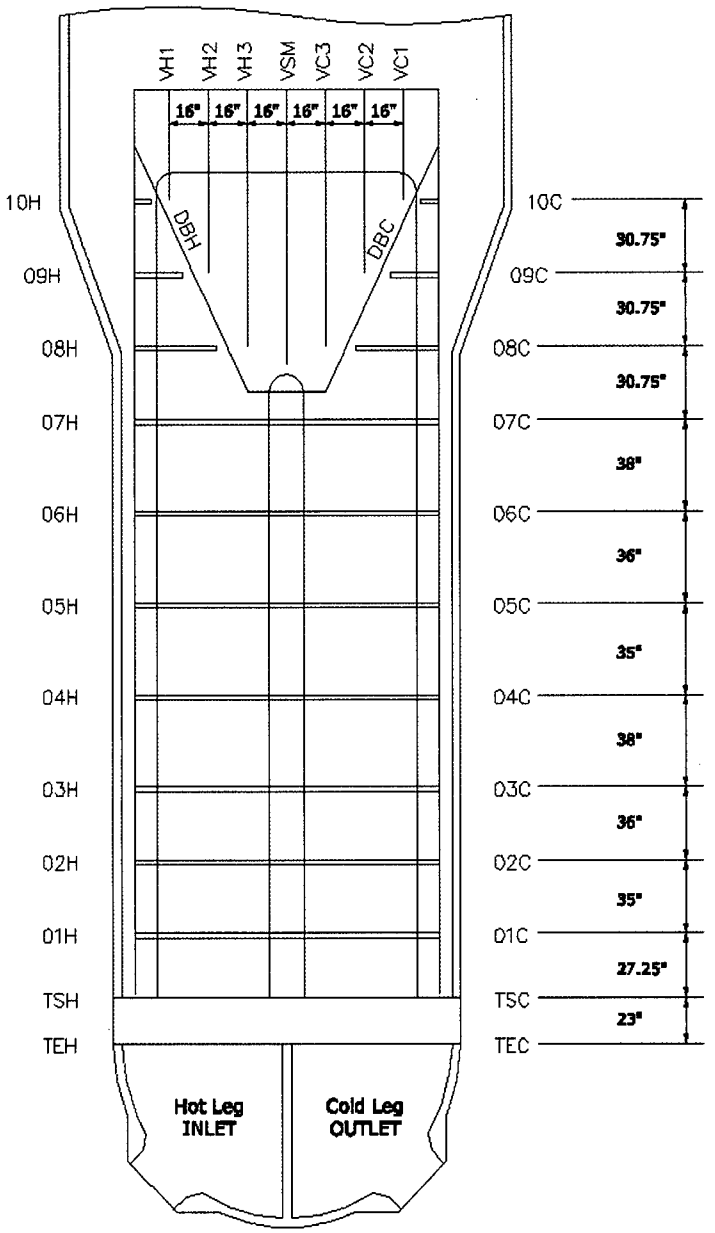
Appendix 3 - Tube Inspection Summary, Steam Generator E-088

Appendix 4 - Tube Inspection Summary, Steam Generator E-089

Appendix 1

Steam Generator Reference Information

Steam Generator
CE Model 3410 Tube Support Drawing



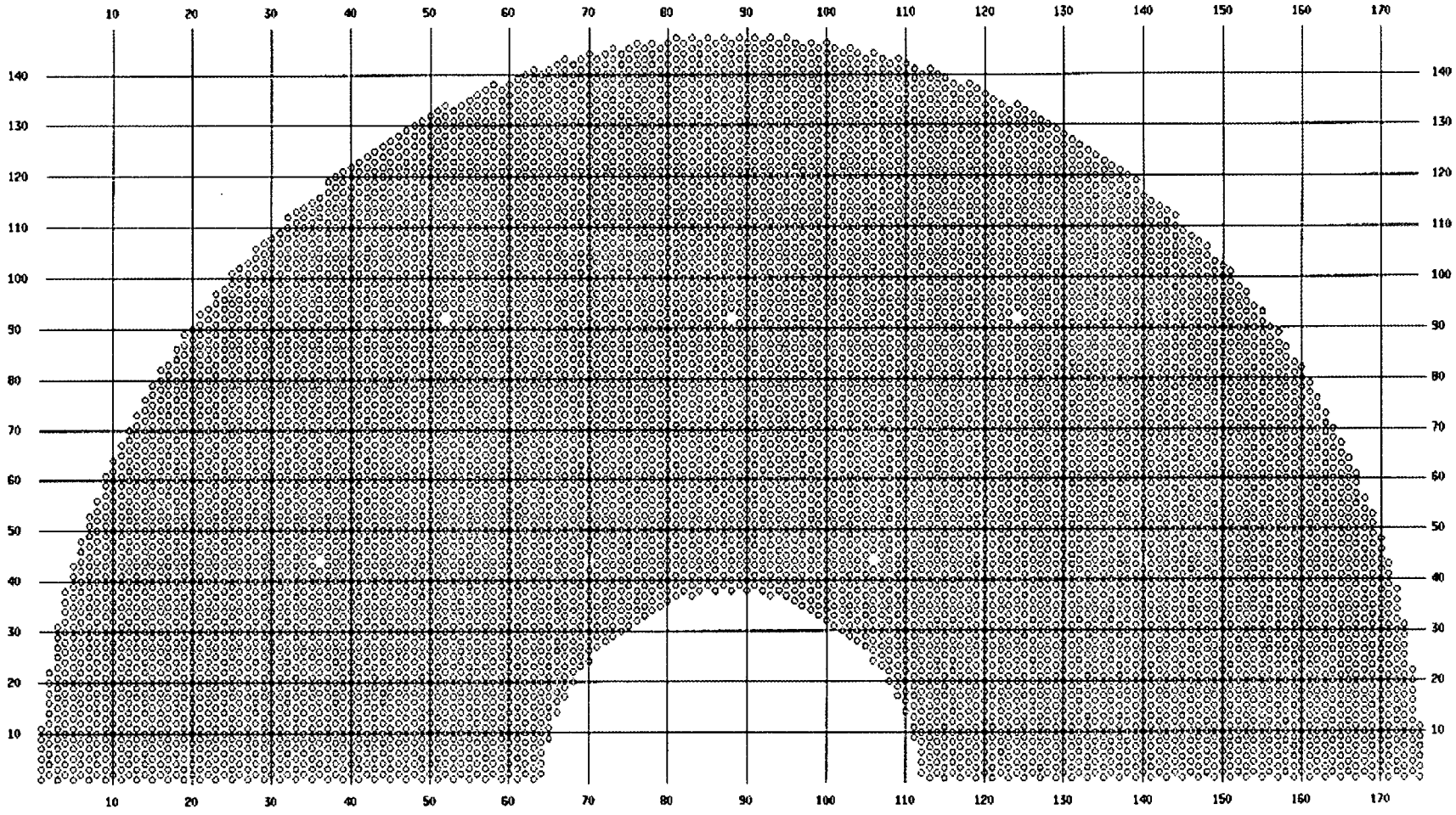
STEAM GENERATOR TUBE SUPPORT INTERSECTIONS ABOVE THE 7TH (FULL) EGGCRATE SUPPORT

SUPPORT INTERSECTIONS															
ROW	STRUCTURES														
122-147	08H	09H	10H	DBH	VH1	VH2	VH3	VSM	VC3	VC2	VC1	DBC	10C	09C	08C
120-121*	08H	09H	10H	DBH	VH1	VH2	VH3	VSM	VC3	VC2	VC1	DBC	10C	09C	08C
115-119	08H	09H		DBH	VH1	VH2	VH3	VSM	VC3	VC2	VC1	DBC		09C	08C
86-114	08H	09H		DBH		VH2	VH3	VSM	VC3	VC2		DBC		09C	08C
84-85*	08H	09H		DBH		VH2	VH3	VSM	VC3	VC2		DBC		09C	08C
83	08H			DBH		VH2	VH3	VSM	VC3	VC2		DBC			08C
51-82	08H			DBH			VH3	VSM	VC3			DBC			08C
49-50*	08H			DBH				VSM				DBC			08C
19-48				DBH				VSM				DBC			
1-18				DBH								DBC			

* Indicates those rows adjacent to scallop bars

SOUTHERN CALIFORNIA EDISON, SAN ONOFRE

CE MODEL 3410 STEAM GENERATOR



Appendix 2

Legend for Appendices 3 and 4

List of Abbreviations and Format Used to Describe
Indications from Rotating Probe Testing

Abbreviations	Explanation of the Abbreviations
SCI	Single Circumferential Indication
MCI	Multiple Circumferential Indications
SAI	Single Axial Indication
MAI	Multiple Axial Indications
MMI	Mixed Mode Indications
SVI	Single Volumetric Indication (i.e. no special axial or circumferential aspect)
MVI	Multiple Volumetric Indications (i.e. no special axial or circumferential aspect)
PCS	Partially Collapsed Sleeve
TWD	Through Wall Depth (an indication of tubing wear used for volumetric wear indicated with a percent value shown in the next column)

Format

In Appendices 3 and 4, a single line of data is associated with each individual indication. Below is a descriptive example of the format.

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	LEG	PROBE
4	12	+P VOLTS	+P DEG	CH#	CODE	%	LOCATION	EXT	EXT	#	H/C	TYPE

The example above displays the format of a Report line. The VOLTS field contains the voltage of the largest, most representative response. The DEG field contains the corresponding phase angle. The CHN field contains the reporting channel (e.g., the appropriate axially or circumferentially sensitive 300kHz Plus Point channel). The IND field contains the appropriate 3-letter code (see list above). The %TW field indicates the percent wall loss for wear indications. The LOCATION field contains the abbreviation for the referenced landmark and the distance to the indication. The EXT fields contain the landmarks of the beginning and end of the test extent. The CAL# field identifies the calibration number associated with the acquired data. The LEG field identifies the Hot or Cold Leg as the location of the probe origination. The PROBE field contains the abbreviated identifier of the probe type used for the inspection. For the second column, the terms line and column are used interchangeably for Combustion Engineering designed steam generators.

Appendix 3

Tube Inspection Summary

Steam Generator E-088

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1]

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
1	133	0.40	0	P2	TWD	18	04C	-0.17	07C	TEC	6	COLD	600UL
6	138	0.15	87	2	SAI		07H	-0.98	07H	07H	156	HOT	580PP
6	168	0.37	130	P2	TWD	18	04H	-0.31	TEC	TEH	23	HOT	600UL
7	55	0.32	110	2	SAI		07C	+0.97	07C	DBC	109	COLD	580PP
7	137	0.57	27	P1	SCI		TSH	-1.95	TSH	TSH	86	HOT	580PP
7	143	0.33	20	P1	SCI		TSH	-4.84	TSH	TSH	85	HOT	580PP
8	156	0.57	24	P1	SCI		TSH	-0.15	TSH	TSH	85	HOT	580PP
9	51	0.27	77	2	SAI		03H	-0.32	03H	03H	212	HOT	520ET
10	40	0.23	22	P1	SCI		TSH	-0.08	TSH	TSH	76	HOT	580PP
11	147	0.57	22	P1	SCI		TSH	-0.07	TSH	TSH	83	HOT	580PP
12	24	0.27	104	2	SAI		06H	-0.13	06H	06H	169	HOT	580PP
13	9	0.34	98	P2	TWD	14	05H	-0.14	TEC	TEH	25	HOT	600UL
13	47	0.33	21	P1	SCI		TSH	-0.02	TSH	TSH	80	HOT	580PP
13	55	0.26	69	2	SAI		05H	+0.64	05H	05H	183	HOT	580PP
13	159	0.14	45	P3	TWD	8	DBH	-2.25	TEC	TEH	19	HOT	600UL
14	126	0.40	17	P1	SCI		TSH	-0.15	TSH	TSH	70	HOT	580PP
14	130	0.45	24	P1	SCI		TSH	-0.06	TSH	TSH	74	HOT	580PP
15	119	0.43	133	P2	TWD	19	07C	-0.96	TEH	TEC	49	COLD	600UL
15	141	0.27	23	P1	SCI		TSH	-2.80	TSH	TSH	79	HOT	580PP
16	140	0.51	17	P1	SCI		TSH	-8.44	TSH	TSH	78	HOT	580PP
17	15	0.55	16	2	SAI		TSH	-6.03	TSH	TSH	72	HOT	580PP
		0.55	13	2	SAI		TSH	-6.32	TSH	TSH	72	HOT	580PP
17	57	0.31	123	2	SAI		01H	+0.75	01H	01H	189	HOT	580PP
		0.22	97	2	SAI		06H	+0.58	06H	06H	189	HOT	580PP
17	59	0.42	15	2	SAI		TSH	-1.09	TSH	TSH	87	HOT	580PP
18	34	0.32	19	P1	SCI		TSH	+0.05	TSH	TSH	49	HOT	580PP
18	44	0.23	113	P3	TWD	10	DBH	-2.00	TEC	TEH	13	HOT	600UL
19	47	0.52	18	P3	TWD	19	DBC	+1.66	TEH	TEC	37	COLD	600UL
19	135	0.36	147	P3	TWD	18	DBH	+2.00	TEC	TEH	11	HOT	600UL
19	141	0.50	14	2	SAI		TSH	-6.13	TSH	TSH	79	HOT	580PP
20	68	0.37	68	P3	TWD	13	DBH	-1.71	TEH	TEC	39	COLD	600UL
20	108	0.14	43	P3	TWD	6	DBH	-1.54	TEH	TEC	50	COLD	600UL
20	120	0.42	16	P1	SCI		TSH	-0.19	TSH	TSH	64	HOT	580PP
21	31	0.48	23	P1	SCI		TSH	-14.04	TSH	TSH	52	HOT	580PP
21	61	0.47	17	P3	TWD	17	DBC	+1.98	TEH	TEC	38	COLD	600UL
21	63	0.35	105	2	SAI		07C	-0.85	07C	07C	113	COLD	580PP
21	67	0.32	79	P3	TWD	12	DBH	+2.00	TEH	TEC	38	COLD	600UL
		0.34	141	P2	TWD	13	VSM	+0.76	TEH	TEC	38	COLD	600UL
21	113	0.52	17	2	SAI		TSH	-2.37	TSH	TSH	65	HOT	580PP
21	127	0.18	107	2	SAI		04H	+0.77	04H	04H	150	HOT	580PP
21	129	0.31	52	P1	SCI		TSH	-0.09	TSH	TSH	65	HOT	580PP

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
22	52	0.31	60	2	SAI		03H	-0.70	03H	03H	212	HOT	520ET
23	109	0.47	113	P2	TWD	20	VSM	+1.02	TEH	TEC	50	COLD	600UL
		0.51	15	2	SAI		TSH	-0.79	TSH	TSH	64	HOT	580PP
		0.58	15	2	SAI		TSH	-0.57	TSH	TSH	64	HOT	580PP
		0.26	14	2	SAI		TSH	-1.15	TSH	TSH	64	HOT	580PP
24	14	0.11	23	P2	TWD	7	VSM	+0.88	TEC	TEH	22	HOT	600UL
24	64	0.95	13	2	SAI		TSH	-0.81	TSH	TSH	89	HOT	580PP
24	156	0.38	101	P2	TWD	17	03H	+0.88	TEC	TEH	20	HOT	600UL
24	160	0.20	85	2	SAI		06H	-0.06	06H	06H	155	HOT	580PP
25	117	0.39	22	P1	SCI		TSH	-0.16	TSH	TSH	65	HOT	580PP
25	133	0.53	25	P1	SCI		TSH	-0.13	TSH	TSH	75	HOT	580PP
		0.70	22	P1	SCI		TSH	-0.14	TSH	TSH	75	HOT	580PP
26	146	0.15	16	P3	TWD	5	DBH	+0.74	TEC	TEH	16	HOT	600UL
27	61	0.92	15	2	SAI		TSH	-1.20	TSH	TSH	89	HOT	580PP
		0.87	14	2	SAI		TSH	-4.41	TSH	TSH	89	HOT	580PP
27	159	0.23	99	2	SAI		02H	+0.03	02H	02H	155	HOT	580PP
		0.49	97	2	SAI		03H	+0.87	03H	03H	155	HOT	580PP
		0.28	50	2	SAI		02H	+0.79	02H	02H	155	HOT	580PP
28	120	0.52	18	2	SAI		TSH	-6.66	TSH	TSH	64	HOT	580PP
30	8	0.24	96	2	SAI		03H	+0.85	03H	03H	169	HOT	580PP
30	38	0.51	18	P1	SCI		TSH	-0.08	TSH	TSH	102	HOT	580PP
30	52	0.22	73	2	SAI		TSH	+0.66	TSH	TSH	81	HOT	580PP
31	11	0.29	97	P3	TWD	11	DBH	+1.80	TEC	TEH	25	HOT	600UL
31	65	0.54	10	P3	TWD	19	DBC	+2.00	TEH	TEC	38	COLD	600UL
31	67	0.61	21	P1	SCI		TSH	-0.06	TSH	TSH	89	HOT	580PP
31	69	0.57	11	2	SAI		TSH	+0.00	TSH	TSH	93	HOT	580PP
31	107	0.80	15	2	SAI		TSH	-1.05	TSH	TSH	64	HOT	580PP
31	123	0.28	98	2	SAI		05H	+0.66	05H	05H	150	HOT	580PP
31	165	0.76	23	2	SAI		05H	-0.34	05H	05H	159	HOT	580PP
		0.60	14	2	SAI		05H	+0.39	05H	05H	159	HOT	580PP
		0.39	16	2	SAI		05H	+0.54	05H	05H	159	HOT	580PP
32	4	0.31	131	P2	TWD	16	01C	-0.92	TEC	TEH	26	HOT	600UL
32	112	0.81	16	2	SAI		TSH	-1.63	TSH	TSH	65	HOT	580PP
		0.69	15	2	SAI		TSH	-2.08	TSH	TSH	65	HOT	580PP
32	122	0.74	15	2	SAI		TSH	-0.88	TSH	TSH	71	HOT	580PP
33	37	0.42	24	P1	SCI		TSH	-0.10	TSH	TSH	48	HOT	580PP
33	105	0.50	6	P3	TWD	21	DBC	+1.53	TEC	TEH	36	HOT	600UL
		0.31	144	P3	TWD	14	DBH	-1.69	TEC	TEH	36	HOT	600UL
		0.20	82	P3	TWD	10	DBC	-1.59	TEC	TEH	36	HOT	600UL
34	108	0.66	19	2	SAI		TSH	-0.77	TSH	TSH	64	HOT	580PP
35	27	0.34	87	P2	TWD	14	VSM	+0.72	TEC	TEH	17	HOT	600UL
		0.37	77	P2	TWD	15	VSM	-0.74	TEC	TEH	17	HOT	600UL
35	69	0.47	15	2	SAI		TSH	-1.07	TSH	TSH	93	HOT	580PP
35	71	0.53	100	P3	TWD	19	DBC	-1.90	TEH	TEC	38	COLD	600UL
36	70	0.75	14	2	SAI		TSH	-1.59	TSH	TSH	93	HOT	580PP
		0.51	12	2	SAI		TSH	-3.11	TSH	TSH	93	HOT	580PP
		0.70	14	2	SAI		TSH	-3.93	TSH	TSH	93	HOT	580PP
37	47	0.47	107	P2	TWD	20	VSM	+0.88	TEH	TEC	37	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
37	61	0.36	154	P2	TWD	14	VSM	+0.93	TEH	TEC	38	COLD	600UL
37	71	0.66	15	2	SAI		TSH	-2.58	TSH	TSH	93	HOT	580PP
37	103	0.54	23	P3	TWD	22	DBH	-2.10	TEC	TEH	35	HOT	600UL
38	28	0.23	90	2	SAI		01H	+0.33	01H	01H	169	HOT	580PP
		0.44	68	2	SAI		05H	-0.67	05H	05H	169	HOT	580PP
38	110	0.79	13	2	SAI		TSH	-1.44	TSH	TSH	64	HOT	580PP
		0.55	12	2	SAI		TSH	-0.65	TSH	TSH	64	HOT	580PP
39	43	0.46	10	P3	TWD	17	DBC	+1.33	TEC	TEH	13	HOT	600UL
39	71	0.35	128	P3	TWD	13	DBC	-1.55	TEH	TEC	38	COLD	600UL
40	58	0.41	15	2	SAI		TSH	-3.72	TSH	TSH	88	HOT	580PP
40	162	0.31	120	2	SAI		06H	+0.25	06H	06H	158	HOT	580PP
41	7	0.40	137	P2	TWD	16	VSM	-0.77	TEC	TEH	25	HOT	600UL
41	39	0.71	12	P1	SCI		TSH	-1.42	TSH	TSH	48	HOT	580PP
41	69	0.69	11	2	SAI		TSH	-2.14	TSH	TSH	93	HOT	580PP
41	73	0.41	110	P2	TWD	17	VSM	+0.93	TEH	TEC	39	COLD	600UL
		0.23	34	P3	TWD	9	DBC	+1.43	TEH	TEC	39	COLD	600UL
41	101	0.17	85	P3	TWD	6	DBH	-1.79	TEC	TEH	28	HOT	600UL
		0.22	53	P3	TWD	8	DBC	+1.91	TEC	TEH	28	HOT	600UL
42	14	0.16	140	2	SAI		DBH	-0.81	DBH	DBH	130	COLD	560P2
		0.20	122	2	SAI		DBH	-0.11	DBH	DBH	130	COLD	560P2
42	74	0.36	86	P3	TWD	13	DBC	+1.32	TEH	TEC	39	COLD	600UL
		0.32	34	P3	TWD	12	DBC	-1.68	TEH	TEC	39	COLD	600UL
42	106	0.71	126	P2	TWD	30	VSM	-0.98	TEC	TEH	35	HOT	600UL
		0.46	14	2	SAI		TSH	-1.18	TSH	TSH	64	HOT	580PP
42	158	0.21	152	P3	TWD	11	DBH	+1.72	TEC	TEH	19	HOT	600UL
43	19	0.59	95	P2	TWD	25	02H	+0.87	TEC	TEH	22	HOT	600UL
43	51	0.93	105	P2	TWD	31	VSM	+0.88	TEH	TEC	37	COLD	600UL
43	57	0.37	57	P3	TWD	13	DBH	+1.68	STH	TEC	41	COLD	600UL
		0.22	46	P3	TWD	8	DBC	+1.72	STH	TEC	41	COLD	600UL
43	73	0.27	82	P3	TWD	11	DBC	-1.89	TEH	TEC	38	COLD	600UL
		0.65	15	2	SAI		TSH	-3.90	TSH	TSH	93	HOT	580PP
43	101	0.34	58	P3	TWD	12	DBC	-1.68	TEC	TEH	27	HOT	600UL
		0.55	176	P3	TWD	19	DBC	+1.66	TEC	TEH	27	HOT	600UL
43	125	0.57	106	P2	TWD	23	VSM	-0.84	TEH	TEC	50	COLD	600UL
44	58	0.22	21	P2	TWD	10	VSM	-1.08	TEH	TEC	39	COLD	600UL
		0.47	109	P2	TWD	19	VSM	+0.86	TEH	TEC	39	COLD	600UL
44	108	0.27	81	P2	TWD	13	VSM	+0.87	TEC	TEH	36	HOT	600UL
		0.34	132	P2	TWD	16	VSM	-0.77	TEC	TEH	36	HOT	600UL
44	124	0.38	107	P2	TWD	17	VSM	-0.95	TEH	TEC	50	COLD	600UL
45	73	0.38	126	P3	TWD	13	DBC	-1.61	STH	TEC	41	COLD	600UL
45	145	0.24	80	P2	TWD	12	VSM	+0.88	TEC	TEH	15	HOT	600UL
46	6	0.26	141	P3	TWD	13	DBC	+1.63	TEC	TEH	26	HOT	600UL
		0.41	39	P2	TWD	19	VSM	-0.75	TEC	TEH	26	HOT	600UL
46	148	0.24	122	2	SAI		01H	-0.16	01H	01H	155	HOT	580PP
47	109	0.38	90	P2	TWD	14	VSM	-0.02	STH	TEC	41	COLD	600UL
		0.45	107	P2	TWD	16	VSM	+0.88	STH	TEC	41	COLD	600UL
47	111	0.35	11	2	SAI		TSH	-3.12	TSH	TSH	64	HOT	580PP

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MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
		0.84	19	2	SAI		TSH	-0.87	TSH	TSH	64	HOT	580PP
47	125	0.36	77	P2	TWD	16	VSM	+0.78	TEH	TEC	50	COLD	600UL
47	143	0.15	78	2	SAI		01H	-0.03	01H	01H	155	HOT	580PP
48	76	0.58	90	P3	TWD	19	DBC	-1.75	TEC	TEH	27	HOT	600UL
		0.18	7	P3	TWD	6	DBH	+1.47	TEC	TEH	27	HOT	600UL
48	114	0.29	139	P3	TWD	14	DBH	-1.59	TEH	TEC	49	COLD	600UL
48	124	0.28	25	P1	SCI		TSH	-0.10	TSH	TSH	65	HOT	580PP
48	134	0.57	19	P1	SCI		TSH	-0.07	TSH	TSH	78	HOT	580PP
49	47	0.14	105	2	SAI		08C	-1.17	08C	08C	113	COLD	580PP
49	69	0.41	113	P2	TWD	16	08C	-1.22	TEH	TEC	38	COLD	600UL
49	75	0.41	88	P3	TWD	17	DBH	-1.78	TEH	TEC	36	COLD	600UL
50	8	0.28	131	P2	TWD	14	VSM	+0.77	TEC	TEH	26	HOT	600UL
50	98	0.52	70	P2	TWD	22	VSM	-0.92	TEC	TEH	28	HOT	600UL
50	102	0.40	15	2	SAI		TSH	-0.42	TSH	TSH	127	HOT	580PP
50	106	0.41	13	2	SAI		TSH	-0.07	TSH	TSH	127	HOT	580PP
50	110	0.23	60	P2	TWD	12	08H	+0.87	TEC	TEH	31	HOT	600UL
50	148	0.38	101	2	SAI		08H	+0.81	08H	08H	155	HOT	580PP
50	164	0.40	115	P2	TWD	18	VSM	+0.82	TEC	TEH	20	HOT	600UL
51	55	0.29	114	P1	SCI		TSH	+0.03	TSH	TSH	87	HOT	580PP
51	57	0.36	94	P1	SCI		TSH	+0.06	TSH	TSH	87	HOT	580PP
51	81	0.85	121	P3	TWD	26	DBC	-1.61	TEC	TEH	27	HOT	600UL
		0.46	169	P3	TWD	16	DBH	+1.43	TEC	TEH	27	HOT	600UL
		0.58	142	P3	TWD	19	DBH	-1.55	TEC	TEH	27	HOT	600UL
		0.79	133	P3	TWD	25	DBC	+1.85	TEC	TEH	27	HOT	600UL
51	117	0.69	21	P1	SCI		TSH	-0.10	TSH	TSH	64	HOT	580PP
51	155	0.21	108	2	SAI		04H	+0.75	04H	04H	155	HOT	580PP
51	163	0.39	41	P2	TWD	17	VH3	+0.90	TEC	TEH	20	HOT	600UL
52	72	0.17	105	2	SAI		TSH	+0.23	TSH	TSH	94	HOT	580PP
52	76	0.37	60	P3	TWD	13	DBC	-1.55	TEC	TEH	27	HOT	600UL
52	112	0.79	15	2	SAI		TSH	-1.87	TSH	TSH	65	HOT	580PP
		0.51	12	2	SAI		TSH	-2.57	TSH	TSH	65	HOT	580PP
		0.67	15	2	SAI		TSH	-3.37	TSH	TSH	65	HOT	580PP
		0.45	13	2	SAI		TSH	-3.67	TSH	TSH	65	HOT	580PP
53	57	0.28	98	P1	MCI		TSH	+0.15	TSH	TSH	88	HOT	580PP
53	113	0.68	14	2	SAI		TSH	-5.31	TSH	TSH	64	HOT	580PP
		0.43	12	2	SAI		TSH	-3.74	TSH	TSH	64	HOT	580PP
		0.74	14	2	SAI		TSH	-1.74	TSH	TSH	64	HOT	580PP
54	8	0.39	124	P2	TWD	18	01H	+0.06	TEC	TEH	26	HOT	600UL
		0.18	123	P2	TWD	10	01H	-1.06	TEC	TEH	26	HOT	600UL
54	38	0.49	20	P1	SCI		TSH	-0.02	TSH	TSH	49	HOT	580PP
54	60	0.17	112	2	SAI		TSH	+0.15	TSH	TSH	90	HOT	580PP
54	72	0.20	79	P1	SCI		TSH	+0.06	TSH	TSH	93	HOT	580PP
54	76	0.41	48	P3	TWD	14	DBC	-1.65	TEC	TEH	28	HOT	600UL
54	92	0.10	44	P3	TWD	4	DBH	-1.84	TEC	TEH	27	HOT	600UL
54	96	0.63	80	P3	TWD	20	DBH	-1.77	STH	TEC	41	COLD	600UL

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QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION			EXT	EXT	CAL #	LEG	PROBE
55	81	0.43	126	P3	TWD	15	DBH	-1.59		TEC	TEH	27	HOT	600UL
55	91	0.61	128	P3	TWD	20	DBH	-1.67		TEC	TEH	27	HOT	600UL
55	95	0.58	171	P3	TWD	19	DBC	+1.68		TEC	TEH	27	HOT	600UL
56	78	0.21	111	P3	TWD	8	DBH	-1.47		TEC	TEH	28	HOT	600UL
56	80	0.92	141	P3	TWD	27	DBC	-2.00		TEC	TEH	27	HOT	600UL
		0.59	95	P3	TWD	20	DBH	-1.52		TEC	TEH	27	HOT	600UL
		0.27	11	P3	TWD	12	DBH	+1.75		TEC	TEH	27	HOT	600UL
56	112	0.27	31	P3	TWD	12	DBH	-2.07		TEC	TEH	31	HOT	600UL
56	126	0.39	21	P1	SCI		TSH	-0.17		TSH	TSH	65	HOT	580PP
56	154	0.53	10	2	SAI		TSH	-7.34		TSH	TSH	85	HOT	580PP
57	73	0.12	103	P1	SCI		TSH	+0.09		TSH	TSH	94	HOT	580PP
57	91	0.18	142	P3	TWD	8	DBC	-1.66		STH	TEC	42	COLD	600UL
57	97	0.73	19	P3	TWD	23	DBH	+1.72		TEC	TEH	28	HOT	600UL
57	105	0.41	20	2	SAI		TSH	-2.35		TSH	TSH	59	HOT	580PP
57	109	0.37	78	P2	TWD	18	03H	-1.21		TEC	TEH	31	HOT	600UL
57	161	0.41	114	2	SAI		06H	-0.41		06H	06H	155	HOT	580PP
57	167	0.52	147	P2	TWD	23	02C	+0.89		TEC	TEH	23	HOT	600UL
58	70	0.65	19	2	SAI		TSH	-2.27		TSH	TSH	93	HOT	580PP
58	96	0.38	147	P3	TWD	15	DBH	-1.80		TEC	TEH	27	HOT	600UL
58	100	0.40	57	P2	TWD	18	VSM	-0.80		TEC	TEH	28	HOT	600UL
59	23	0.48	100	P2	TWD	19	VH3	-0.92		TEC	TEH	21	HOT	600UL
59	25	0.41	155	P2	TWD	18	VH3	+0.84		TEC	TEH	18	HOT	600UL
		0.35	138	P2	TWD	15	VH3	-0.82		TEC	TEH	18	HOT	600UL
59	83	0.56	18	2	SAI		TSH	-1.40		TSH	TSH	50	HOT	580PP
		0.30	19	2	SAI		TSH	-0.87		TSH	TSH	50	HOT	580PP
59	95	0.28	22	P3	TWD	10	DBC	+1.58		TEC	TEH	28	HOT	600UL
59	161	0.41	80	P2	TWD	17	VH3	-0.90		TEC	TEH	19	HOT	600UL
60	86	0.23	88	2	SAI		VC3	+0.84		VC3	VC3	118	COLD	560P2
		0.40	91	P2	TWD	16	VC3	+0.84		STH	TEC	42	COLD	600UL
		0.49	12	P3	TWD	17	DBH	+1.91		STH	TEC	42	COLD	600UL
60	106	0.31	25	P1	SCI		TSH	-0.00		TSH	TSH	59	HOT	580PP
61	27	0.28	20	P2	TWD	12	VH3	-0.70		TEC	TEH	18	HOT	600UL
61	45	0.20	132	P3	TWD	9	DBC	+0.75		TEC	TEH	13	HOT	600UL
61	85	0.27	160	P3	TWD	11	DBC	-1.58		TEC	TEH	27	HOT	600UL
		0.56	169	P3	TWD	20	DBC	+1.78		TEC	TEH	27	HOT	600UL
61	87	0.32	154	P3	TWD	11	DBC	-1.98		TEC	TEH	27	HOT	600UL
		1.11	23	P3	TWD	31	DBH	+1.75		TEC	TEH	27	HOT	600UL
61	125	0.27	143	P2	TWD	12	VC3	-0.10		TEC	TEH	32	HOT	600UL
62	80	0.22	73	P1	SCI		TSH	+0.03		TSH	TSH	51	HOT	580PP
62	114	0.58	18	2	SAI		TSH	-2.04		TSH	TSH	60	HOT	580PP
64	80	0.53	117	P3	TWD	18	DBH	+1.21		TEC	TEH	27	HOT	600UL
64	106	5.92	183	4	PCS		SBH	+5.04	TO+13.33	STH	SBH	101	HOT	500SP
64	120	0.47	26	P1	SCI		TSH	-0.03		TSH	TSH	59	HOT	580PP
65	81	0.22	108	P3	TWD	8	DBC	-1.22		TEC	TEH	28	HOT	600UL
		0.14	125	P3	TWD	6	DBC	+2.00		TEC	TEH	28	HOT	600UL

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MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
65	87	0.14	78	P1	SCI	TSH		+0.06	TSH	TSH	51	HOT	580PP
65	91	0.21	26	P2	TWD	8	VH3	+0.70	TEC	TEH	27	HOT	600UL
65	111	0.41	21	P1	SCI		TSH	-0.15	TSH	TSH	59	HOT	580PP
		0.75	17	2	SAI		TSH	-1.11	TSH	TSH	59	HOT	580PP
66	48	0.41	130	P2	TWD	18	VC3	-0.85	TEC	TEH	34	HOT	600UL
		0.31	136	P2	TWD	15	VSM	+0.90	TEC	TEH	34	HOT	600UL
		0.56	103	P2	TWD	23	VSM	-0.90	TEC	TEH	34	HOT	600UL
67	81	0.62	91	P3	TWD	21	DBC	-1.35	TEC	TEH	27	HOT	600UL
67	87	0.30	28	P3	TWD	11	DBH	+1.60	TEC	TEH	27	HOT	600UL
		0.36	148	P3	TWD	13	DBH	-1.36	TEC	TEH	27	HOT	600UL
67	111	0.16	103	P1	SCI		TSH	+0.16	TSH	TSH	60	HOT	580PP
67	165	0.78	119	P2	TWD	30	VH3	-0.86	TEC	TEH	23	HOT	600UL
68	112	0.55	24	P1	MCI		TSH	-6.12	TSH	TSH	127	HOT	580PP
		0.30	18	P1	SCI		TSH	-9.88	TSH	TSH	127	HOT	580PP
68	146	0.53	73	P2	TWD	21	VC3	-0.84	TEC	TEH	15	HOT	600UL
68	164	0.57	102	P2	TWD	23	VH3	+0.63	TEC	TEH	20	HOT	600UL
69	85	0.24	132	P3	TWD	8	DBC	-1.73	TEC	TEH	27	HOT	600UL
69	87	0.41	134	P3	TWD	15	DBH	+2.00	STH	TEC	42	COLD	600UL
69	119	0.51	21	P1	SCI		TSH	-0.03	TSH	TSH	59	HOT	580PP
		0.37	20	P1	SCI		TSH	-0.02	TSH	TSH	59	HOT	580PP
70	82	0.31	159	P3	TWD	11	DBC	+1.88	TEC	TEH	28	HOT	600UL
70	86	0.34	51	P3	TWD	13	DBH	-1.42	TEC	TEH	27	HOT	600UL
		0.50	15	2	SAI		TSH	-2.15	TSH	TSH	50	HOT	580PP
		0.46	11	2	SAI		TSH	-1.84	TSH	TSH	50	HOT	580PP
70	104	0.29	109	2	SAI		TSH	+0.17	TSH	TSH	60	HOT	580PP
71	13	0.55	123	P2	TWD	21	VH3	-0.79	TEC	TEH	21	HOT	600UL
72	70	0.31	87	P2	TWD	15	VC3	-0.93	TEC	TEH	38	HOT	600UL
72	90	0.56	126	P2	TWD	22	VSM	+0.74	TEC	TEH	27	HOT	600UL
		0.27	29	P2	TWD	11	VSM	-0.98	TEC	TEH	27	HOT	600UL
72	100	0.33	132	P1	SCI		TSH	+0.05	TSH	TSH	50	HOT	580PP
73	17	0.59	98	P2	TWD	22	VH3	-0.82	TEC	TEH	21	HOT	600UL
73	75	0.33	135	P2	TWD	15	VC3	+0.60	TEC	TEH	38	HOT	600UL
73	133	0.41	110	P2	TWD	18	VH3	+0.81	TEC	TEH	12	HOT	600UL
73	161	0.46	128	P2	TWD	19	VH3	+1.21	TEC	TEH	20	HOT	600UL
74	148	0.22	83	P2	TWD	10	VH3	-0.92	TEC	TEH	16	HOT	600UL
75	95	0.63	28	P1	SCI		TSH	-0.19	TSH	TSH	51	HOT	580PP
75	99	0.24	97	P1	SCI		TSH	+0.08	TSH	TSH	51	HOT	580PP
75	141	0.33	129	P2	TWD	14	VH3	-0.93	TEC	TEH	16	HOT	600UL
75	157	0.28	116	P2	TWD	13	VH3	-0.79	TEC	TEH	20	HOT	600UL
76	18	0.22	96	2	SAI		06H	+0.62	06H	06H	169	HOT	580PP
76	84	0.34	121	P2	TWD	14	VH3	+0.76	TEC	TEH	27	HOT	600UL
		0.35	55	P2	TWD	15	VH3	-0.84	TEC	TEH	27	HOT	600UL
76	86	0.24	23	P3	TWD	9	DBC	+2.25	TEC	TEH	28	HOT	600UL
77	31	0.36	131	P2	TWD	14	VSM	+0.88	TEC	TEH	17	HOT	600UL
		0.24	105	P2	TWD	11	VSM	+0.33	TEC	TEH	17	HOT	600UL

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QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
77	33	0.41	42	P2	TWD	18	VSM	+0.93	TEC	TEH	18	HOT	600UL
77	39	0.21	135	P3	TWD	11	DBC	+1.57	TEC	TEH	14	HOT	600UL
77	85	0.68	15	2	SAI		TSH	-1.92	TSH	TSH	50	HOT	580PP
77	161	0.57	134	P2	TWD	22	VH3	-0.84	TEC	TEH	20	HOT	600UL
78	22	0.56	84	P2	TWD	24	VC3	-0.92	TEC	TEH	22	HOT	600UL
		0.53	37	P3	TWD	23	DBC	-1.80	TEC	TEH	22	HOT	600UL
78	74	0.32	20	P1	SCI		TSH	-0.06	TSH	TSH	94	HOT	580PP
78	96	0.20	114	P1	SCI		TSH	+0.11	TSH	TSH	51	HOT	580PP
78	98	0.38	25	P1	SCI		TSH	-0.10	TSH	TSH	51	HOT	580PP
78	102	0.53	28	P1	SCI		TSH	+0.00	TSH	TSH	59	HOT	580PP
78	120	0.39	29	P1	SCI		TSH	-6.00	TSH	TSH	60	HOT	580PP
78	138	0.31	41	P3	TWD	14	DBC	+1.47	TEC	TEH	12	HOT	600UL
78	142	0.39	128	P2	TWD	16	VH3	+0.87	TEC	TEH	16	HOT	600UL
78	144	0.66	47	P3	TWD	21	DBC	+1.65	TEC	TEH	16	HOT	600UL
78	148	0.49	140	P2	TWD	20	08C	-0.92	TEC	TEH	16	HOT	600UL
78	154	0.45	128	P2	TWD	19	VC3	+0.82	TEC	TEH	20	HOT	600UL
		0.25	162	P2	TWD	12	VC3	-0.80	TEC	TEH	20	HOT	600UL
79	15	0.41	19	P3	TWD	16	DBH	+1.45	TEC	TEH	21	HOT	600UL
79	19	0.23	40	P3	TWD	10	DBC	+1.84	TEC	TEH	21	HOT	600UL
79	23	0.28	79	P3	TWD	12	DBC	+1.80	TEC	TEH	21	HOT	600UL
79	81	0.17	22	P1	SCI		TSH	-0.05	TSH	TSH	50	HOT	580PP
79	97	0.37	120	P1	SCI		TSH	+0.03	TSH	TSH	50	HOT	580PP
79	143	0.18	111	P3	TWD	11	DBC	-1.50	TEC	TEH	15	HOT	600UL
80	84	0.24	16	P1	SCI		TSH	-0.08	TSH	TSH	50	HOT	580PP
80	112	0.32	115	P2	TWD	17	VSM	-0.84	TEC	TEH	31	HOT	600UL
81	23	0.37	54	P3	TWD	15	DBC	+1.55	TEC	TEH	7	HOT	600UL
81	93	0.61	15	2	SAI		TSH	-2.60	TSH	TSH	114	HOT	580PP
81	151	0.35	129	P2	TWD	16	VH3	+0.57	TEC	TEH	11	HOT	600UL
		0.12	29	P2	TWD	5	VH3	-0.21	TEC	TEH	11	HOT	600UL
82	54	0.74	96	P2	TWD	25	VH3	-0.70	TEH	TEC	16	COLD	600UL
		0.13	170	P2	TWD	6	VH3	+0.91	TEH	TEC	16	COLD	600UL
82	160	0.25	91	P3	TWD	13	DBH	+2.02	TEC	TEH	11	HOT	600UL
83	49	0.32	104	2	SAI		02H	+2.02	02H	02H	173	HOT	580PP
83	87	0.45	25	P1	SCI		TSH	-0.12	TSH	TSH	118	HOT	580PP
83	99	0.12	123	P3	TWD	5	DBH	-1.75	TEH	TEC	23	COLD	600UL
84	48	0.64	92	P2	TWD	24	09C	-1.50	TEH	TEC	17	COLD	600UL
85	43	0.56	131	P2	TWD	19	VH2	-1.12	TEC	TEH	9	HOT	600UL
86	32	0.17	164	P3	TWD	7	DBC	+1.75	TEC	TEH	7	HOT	600UL
86	54	0.24	119	P2	TWD	11	VH2	-0.77	TEH	TEC	16	COLD	600UL
86	130	0.34	94	P2	TWD	17	VC2	+0.66	TEC	TEH	6	HOT	600UL
87	37	0.36	131	P2	TWD	17	VH2	+0.94	TEC	TEH	10	HOT	600UL
		0.38	133	P2	TWD	18	VH2	-1.06	TEC	TEH	10	HOT	600UL
87	63	0.42	116	P3	TWD	17	DBH	-0.25	TEH	TEC	19	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
88	60	0.20	91	2	SAI		01H	+2.27	01H	01H	178	HOT	580PP
88	154	0.53	51	P2	TWD	22	VH2	-0.83	TEC	TEH	12	HOT	600UL
89	35	0.43	94	P2	TWD	16	VH2	-0.93	TEC	TEH	7	HOT	600UL
89	37	0.56	129	P2	TWD	19	VH2	-0.96	TEC	TEH	9	HOT	600UL
89	51	0.32	73	P2	TWD	15	VH3	+0.80	TEH	TEC	17	COLD	600UL
		0.42	22	P3	TWD	17	DBH	-1.85	TEH	TEC	17	COLD	600UL
89	157	0.18	145	P3	TWD	10	DBH	+1.90	TEC	TEH	11	HOT	600UL
90	42	0.24	104	2	SAI		VC2	+0.12	VC2	09C	114	COLD	560P2
		0.26	118	2	SAI		08H	+0.75	08H	08H	173	HOT	580PP
90	78	0.27	17	P1	SCI		TSH	-0.11	TSH	TSH	120	HOT	580PP
91	55	0.35	63	P2	TWD	16	VH2	+0.84	TEH	TEC	17	COLD	600UL
91	125	0.36	125	P2	TWD	16	VH2	-0.86	TEH	TEC	29	COLD	600UL
92	26	0.64	86	P2	TWD	25	VH2	-0.79	TEC	TEH	8	HOT	600UL
92	36	0.56	87	P2	TWD	23	VH2	-0.89	TEC	TEH	10	HOT	600UL
92	56	0.23	102	P2	TWD	12	09H	-0.64	TEH	TEC	17	COLD	600UL
93	65	0.35	122	P2	TWD	16	VH2	-0.70	TEH	TEC	19	COLD	600UL
93	153	0.37	68	P2	TWD	17	03C	+0.95	TEC	TEH	12	HOT	600UL
		0.47	66	P2	TWD	20	05C	-0.89	TEC	TEH	12	HOT	600UL
		0.19	84	P2	TWD	10	VC3	-0.96	TEC	TEH	12	HOT	600UL
94	24	0.41	131	P2	TWD	15	VH2	+1.12	TEC	TEH	7	HOT	600UL
94	40	0.38	119	P2	TWD	15	VH2	+1.12	TEC	TEH	9	HOT	600UL
94	48	0.24	106	2	SAI		01H	+0.21	01H	01H	172	HOT	580PP
95	71	0.30	19	P1	SCI		TSH	-0.08	TSH	TSH	111	HOT	580PP
97	35	0.49	145	P2	TWD	18	VH2	-0.98	TEC	TEH	7	HOT	600UL
98	44	0.25	27	P3	TWD	13	DBH	-2.20	TEC	TEH	10	HOT	600UL
		0.41	70	P2	TWD	18	VSM	+0.75	TEC	TEH	10	HOT	600UL
98	94	0.22	89	P1	SCI		TSH	+0.00	TSH	TSH	114	HOT	580PP
99	49	0.27	18	P3	TWD	11	DBH	-2.00	TEH	TEC	17	COLD	600UL
99	131	0.23	150	P2	TWD	12	VH3	+0.67	TEC	TEH	6	HOT	600UL
		0.41	102	P2	TWD	19	VH3	-1.01	TEC	TEH	6	HOT	600UL
99	149	0.59	114	P2	TWD	24	VH2	+0.00	TEC	TEH	11	HOT	600UL
100	102	0.19	21	P1	SCI		TSH	-0.07	TSH	TSH	54	HOT	580PP
100	118	0.39	32	P1	SCI		TSH	+0.00	TSH	TSH	57	HOT	580PP
101	29	0.45	137	P2	TWD	20	VH2	+0.77	TEC	TEH	8	HOT	600UL
101	77	0.49	95	P3	TWD	18	DBH	+1.15	TEH	TEC	21	COLD	600UL
101	147	0.56	147	P2	TWD	24	VSM	-0.74	TEC	TEH	5	HOT	600UL
102	26	0.33	112	P2	TWD	16	06H	+0.87	TEC	TEH	8	HOT	600UL
104	40	0.35	49	P3	TWD	17	DBC	+2.03	TEC	TEH	10	HOT	600UL
105	99	0.40	132	P2	TWD	17	03H	+0.74	TEH	TEC	23	COLD	600UL
106	30	0.34	122	P2	TWD	14	06H	+0.81	TEC	TEH	7	HOT	600UL
106	76	0.36	54	P2	TWD	15	02H	-0.20	TEH	TEC	21	COLD	600UL
106	78	0.21	149	P2	TWD	10	VC2	-0.78	TEH	TEC	20	COLD	600UL
		0.26	149	P2	TWD	11	VC2	+0.89	TEH	TEC	20	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
107	29	0.55	9	P3	TWD	23	DBC	+1.29	TEC	TEH	8	HOT	600UL
107	33	0.22	107	P2	TWD	12	09H	-0.37	TEC	TEH	8	HOT	600UL
107	75	0.34	66	P2	TWD	14	09C	-0.29	TEH	TEC	7	COLD	600UL
107	95	0.31	126	P2	TWD	13	VH2	+0.82	TEH	TEC	23	COLD	600UL
107	97	0.28	135	P1	SCI		TSH	+0.03	TSH	TSH	114	HOT	580PP
		0.29	115	P2	TWD	12	VH3	-0.88	TEH	TEC	22	COLD	600UL
107	125	0.46	111	P2	TWD	19	VH2	-0.69	TEH	TEC	29	COLD	600UL
		0.22	101	P3	TWD	9	DBH	-1.42	TEH	TEC	29	COLD	600UL
108	36	0.32	79	P3	TWD	15	DBC	-1.80	TEC	TEH	10	HOT	600UL
108	142	0.16	151	P3	TWD	8	DBH	+1.66	TEC	TEH	6	HOT	600UL
109	77	0.26	132	P2	TWD	11	VH2	+0.82	TEH	TEC	21	COLD	600UL
110	52	0.19	97	P3	TWD	9	DBH	-1.33	TEH	TEC	16	COLD	600UL
110	96	0.23	91	P3	TWD	9	DBH	+2.24	TEH	TEC	23	COLD	600UL
110	138	0.37	116	P2	TWD	18	VC3	-0.90	TEC	TEH	6	HOT	600UL
111	33	0.15	11	P3	TWD	8	DBH	+1.75	TEC	TEH	8	HOT	600UL
111	37	0.29	20	P3	TWD	14	DBH	+1.85	TEC	TEH	10	HOT	600UL
111	67	0.46	115	2	SAI		02H	+1.06	02H	02H	178	HOT	580PP
111	81	0.23	142	P3	TWD	10	DBH	+2.24	TEH	TEC	21	COLD	600UL
111	101	0.21	56	P3	TWD	8	DBH	-0.75	TEH	TEC	23	COLD	600UL
112	92	0.35	32	P2	TWD	15	VH2	-0.70	TEH	TEC	23	COLD	600UL
112	116	0.15	47	P2	TWD	7	VH3	-0.85	TEH	TEC	30	COLD	600UL
112	144	0.86	158	P3	TWD	30	DBH	+2.13	TEC	TEH	5	HOT	600UL
113	37	0.36	135	P2	TWD	14	VH2	-0.93	TEC	TEH	9	HOT	600UL
		0.17	138	P3	TWD	8	DBH	+1.84	TEC	TEH	9	HOT	600UL
113	39	0.42	109	P3	TWD	17	DBH	+1.98	TEC	TEH	9	HOT	600UL
113	41	0.47	94	P2	TWD	17	VH2	-0.68	TEC	TEH	9	HOT	600UL
113	47	0.25	35	P3	TWD	11	DBH	-1.34	TEH	TEC	17	COLD	600UL
113	87	0.16	144	P3	TWD	6	DBH	-1.52	TEH	TEC	23	COLD	600UL
114	38	0.30	138	P2	TWD	12	06C	-0.69	TEC	TEH	9	HOT	600UL
114	86	0.12	164	P3	TWD	4	DBH	-1.37	TEH	TEC	23	COLD	600UL
114	96	0.32	102	P2	TWD	13	VH3	-0.82	TEH	TEC	24	COLD	600UL
114	110	0.31	44	P3	TWD	14	DBH	-1.57	TEH	TEC	30	COLD	600UL
115	83	0.36	138	P3	TWD	14	DBH	-1.54	TEH	TEC	21	COLD	600UL
115	93	0.25	121	P3	TWD	13	DBH	-1.23	TEH	TEC	24	COLD	600UL
115	101	0.18	46	P3	TWD	7	DBH	+2.15	TEH	TEC	23	COLD	600UL
115	137	0.64	36	P2	TWD	26	VH1	-0.98	TEC	TEH	5	HOT	600UL
116	64	0.20	104	P3	TWD	9	DBH	-1.13	TEH	TEC	19	COLD	600UL
116	92	0.23	119	P2	TWD	10	04H	+0.86	TEH	TEC	23	COLD	600UL
116	102	0.41	125	P3	TWD	15	DBH	+0.93	TEH	TEC	33	COLD	600UL
117	55	0.66	124	P2	TWD	25	VH1	-0.72	TEH	TEC	17	COLD	600UL
117	67	0.42	124	P2	TWD	18	VH1	-0.78	TEH	TEC	19	COLD	600UL
117	95	0.20	55	P3	TWD	10	DBH	+1.98	TEH	TEC	24	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
118	38	0.14	133	P3	TWD	6	DBC	+1.94	TEC	TEH	9	HOT	600UL
118	68	0.23	77	P3	TWD	11	DBH	-1.69	TEH	TEC	18	COLD	600UL
118	72	0.18	36	P3	TWD	7	DBH	+1.88	TEH	TEC	20	COLD	600UL
		0.24	143	P3	TWD	11	DBH	-1.98	TEH	TEC	20	COLD	600UL
118	88	0.42	149	P3	TWD	17	DBH	-1.64	TEH	TEC	22	COLD	600UL
118	90	0.20	37	P3	TWD	9	DBH	-1.98	TEH	TEC	22	COLD	600UL
119	37	0.11	53	P3	TWD	6	DBC	-2.11	TEC	TEH	10	HOT	600UL
		0.31	11	P3	TWD	15	DBC	+2.15	TEC	TEH	10	HOT	600UL
		0.18	22	P2	TWD	10	10C	-1.33	TEC	TEH	10	HOT	600UL
119	55	0.35	89	P3	TWD	15	DBH	+2.15	TEH	TEC	16	COLD	600UL
119	79	0.49	119	P3	TWD	19	DBH	+2.02	TEH	TEC	20	COLD	600UL
119	95	0.49	103	P3	TWD	21	DBH	-1.83	TEH	TEC	24	COLD	600UL
119	97	0.39	137	P3	TWD	15	DBH	-1.57	TEH	TEC	25	COLD	600UL
119	99	0.33	126	P3	TWD	16	DBH	-1.93	TEH	TEC	24	COLD	600UL
119	101	0.37	115	P3	TWD	14	DBH	-1.74	TEH	TEC	23	COLD	600UL
119	109	0.47	15	P3	TWD	20	DBH	+1.91	TEH	TEC	30	COLD	600UL
120	38	0.19	148	P3	TWD	10	DBC	-1.82	TEC	TEH	10	HOT	600UL
		0.22	117	P3	TWD	11	DBC	+2.25	TEC	TEH	10	HOT	600UL
120	48	0.30	84	P2	TWD	14	VH2	-0.76	TEH	TEC	17	COLD	600UL
120	66	0.46	107	P3	TWD	19	DBH	-1.32	TEH	TEC	18	COLD	600UL
120	74	0.23	101	P2	TWD	10	10H	-1.19	TEH	TEC	20	COLD	600UL
120	78	0.30	135	P2	TWD	13	VH1	-0.73	TEH	TEC	21	COLD	600UL
120	80	0.27	63	P3	TWD	12	DBH	-1.96	TEH	TEC	20	COLD	600UL
120	86	0.24	115	P3	TWD	11	DBH	-1.60	TEH	TEC	22	COLD	600UL
		0.35	103	P2	TWD	15	10H	+1.25	TEH	TEC	22	COLD	600UL
120	92	0.33	91	P3	TWD	13	DBH	-2.11	TEH	TEC	23	COLD	600UL
120	94	0.11	135	P3	TWD	6	DBH	-1.95	TEH	TEC	24	COLD	600UL
120	106	0.88	154	P3	TWD	24	DBH	+1.84	TEH	TEC	32	COLD	600UL
120	138	0.50	128	P3	TWD	21	DBH	-1.87	TEC	TEH	5	HOT	600UL
121	39	0.41	72	P2	TWD	19	03C	-0.91	TEC	TEH	10	HOT	600UL
121	67	0.25	94	P3	TWD	11	DBH	-1.75	TEH	TEC	19	COLD	600UL
121	69	0.30	17	P2	TWD	14	04H	+0.83	TEH	TEC	19	COLD	600UL
121	71	0.22	137	P3	TWD	10	DBH	-1.60	TEH	TEC	19	COLD	600UL
121	125	0.44	137	P2	TWD	17	10H	+0.73	TEH	TEC	28	COLD	600UL
121	137	0.26	153	P3	TWD	13	DBH	-1.85	TEC	TEH	5	HOT	600UL
122	76	0.55	110	P2	TWD	21	VH1	+0.00	TEH	TEC	21	COLD	600UL
122	94	0.32	145	P3	TWD	15	DBH	+1.92	TEH	TEC	24	COLD	600UL
122	96	0.46	141	P3	TWD	20	DBH	+1.93	TEH	TEC	24	COLD	600UL
122	98	0.61	108	P2	TWD	22	10H	+1.21	TEH	TEC	24	COLD	600UL
		0.24	140	P3	TWD	12	DBH	+1.95	TEH	TEC	24	COLD	600UL
122	112	0.25	109	P2	TWD	11	10H	-1.16	TEH	TEC	30	COLD	600UL
122	114	0.42	77	P2	TWD	17	10H	+0.95	TEH	TEC	31	COLD	600UL
		0.35	149	P3	TWD	13	DBH	+1.52	TEH	TEC	31	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
122	124	0.46	128	P3	TWD	20	DBH	+1.84	TEH	TEC	28	COLD	600UL
123	65	0.31	117	P3	TWD	14	DBH	-0.35	TEH	TEC	18	COLD	600UL
124	64	0.54	107	P2	TWD	22	10H	-1.07	TEH	TEC	19	COLD	600UL
124	88	0.34	56	P3	TWD	13	DBH	+1.98	TEH	TEC	23	COLD	600UL
125	91	0.33	140	P3	TWD	13	DBH	+1.87	TEH	TEC	23	COLD	600UL
126	86	0.48	134	P3	TWD	18	DBH	+1.98	TEH	TEC	23	COLD	600UL
126	90	0.40	110	P3	TWD	16	DBH	+1.91	TEH	TEC	22	COLD	600UL
126	112	0.55	40	P3	TWD	22	DBH	+1.89	TEH	TEC	30	COLD	600UL
127	53	0.60	100	P2	TWD	21	VH1	-0.85	TEH	TEC	16	COLD	600UL
127	83	0.33	113	P3	TWD	14	DBH	-1.95	TEH	TEC	20	COLD	600UL
128	60	0.62	115	P2	TWD	22	10H	-1.19	TEH	TEC	16	COLD	600UL
		0.40	64	P2	TWD	16	10H	+0.02	TEH	TEC	16	COLD	600UL
128	68	0.30	24	P3	TWD	12	DBH	+1.62	TEH	TEC	19	COLD	600UL
129	47	0.77	129	P2	TWD	27	VH3	-0.90	TEH	TEC	17	COLD	600UL
129	63	0.37	100	P2	TWD	17	10H	-0.10	TEH	TEC	19	COLD	600UL
129	67	0.49	79	P3	TWD	19	DBH	-2.00	TEH	TEC	19	COLD	600UL
130	74	0.41	66	P2	TWD	17	10H	+0.08	TEH	TEC	21	COLD	600UL
		0.69	159	P2	TWD	24	10H	-1.07	TEH	TEC	21	COLD	600UL
130	78	0.41	124	P2	TWD	16	VH1	+0.91	TEH	TEC	20	COLD	600UL
130	128	0.46	67	P2	TWD	19	VH2	-0.48	TEH	TEC	29	COLD	600UL
131	83	0.20	111	P3	TWD	9	DBH	-1.74	TEH	TEC	26	COLD	600UL
131	89	0.65	119	P2	TWD	25	10H	+0.94	TEH	TEC	26	COLD	600UL
131	127	0.48	117	P2	TWD	17	03C	+0.82	TEH	TEC	51	COLD	600UL
132	94	0.56	69	P2	TWD	22	10H	+0.95	TEH	TEC	26	COLD	600UL
133	75	0.45	117	P3	TWD	17	DBH	+2.03	TEH	TEC	25	COLD	600UL
133	83	0.51	158	P2	TWD	20	10H	-1.04	TEH	TEC	27	COLD	600UL
133	115	0.42	114	P2	TWD	16	10H	+0.88	TEH	TEC	28	COLD	600UL
134	66	0.18	113	P3	TWD	8	DBH	+0.98	TEH	TEC	25	COLD	600UL
134	68	0.30	130	P2	TWD	13	10H	-0.71	TEH	TEC	25	COLD	600UL
134	82	0.16	33	P3	TWD	7	DBH	+2.04	TEH	TEC	27	COLD	600UL
134	84	0.78	136	P2	TWD	27	10H	-1.14	TEH	TEC	27	COLD	600UL
134	86	1.14	141	P2	TWD	33	10H	-1.02	TEH	TEC	27	COLD	600UL
134	100	0.41	154	P2	TWD	17	10H	+0.91	TEH	TEC	27	COLD	600UL
135	67	0.08	25	P3	TWD	3	DBH	+2.25	TEH	TEC	25	COLD	600UL
135	87	0.78	153	P2	TWD	28	10H	-1.04	TEH	TEC	26	COLD	600UL
135	91	0.41	109	P2	TWD	17	03H	-0.28	TEH	TEC	27	COLD	600UL
135	93	0.36	42	P2	TWD	15	10H	+0.98	TEH	TEC	27	COLD	600UL
135	97	0.17	30	P2	TWD	8	10H	+0.92	TEH	TEC	26	COLD	600UL
136	74	0.35	123	P2	TWD	15	10H	-1.02	TEH	TEC	24	COLD	600UL
136	86	0.31	145	P2	TWD	14	10H	-0.96	TEH	TEC	26	COLD	600UL
137	91	0.56	157	P2	TWD	22	10H	-1.08	TEH	TEC	26	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
137	119	0.41	80	P2	TWD	17	01C	-0.95	TEH	TEC	29	COLD	600UL
138	84	0.40	117	P2	TWD	17	VH1	+0.86	TEH	TEC	27	COLD	600UL
139	61	0.46	120	P2	TWD	18	VH1	-0.93	TEH	TEC	25	COLD	600UL
139	105	0.56	75	P2	TWD	22	10H	+0.83	TEH	TEC	29	COLD	600UL
140	76	0.18	72	P3	TWD	8	DBH	-2.04	TEH	TEC	26	COLD	600UL
140	88	0.25	140	P3	TWD	11	DBH	+1.86	TEH	TEC	26	COLD	600UL
141	63	0.11	166	P3	TWD	5	DBC	-2.04	TEH	TEC	25	COLD	600UL
		0.40	17	P3	TWD	15	DBC	+1.63	TEH	TEC	25	COLD	600UL
141	65	0.34	108	P2	TWD	15	08C	+0.77	TEH	TEC	25	COLD	600UL
141	67	0.69	108	P2	TWD	24	VC1	+0.86	TEH	TEC	24	COLD	600UL
141	77	0.25	121	P2	TWD	12	VC1	+0.90	TEH	TEC	26	COLD	600UL
		0.30	71	P3	TWD	13	DBC	+1.61	TEH	TEC	26	COLD	600UL
141	87	0.18	107	P2	TWD	9	VC1	+0.91	TEH	TEC	27	COLD	600UL
142	66	0.44	172	P3	TWD	17	DBC	+1.49	TEH	TEC	25	COLD	600UL
142	68	0.25	125	P2	TWD	11	10H	-0.24	TEH	TEC	25	COLD	600UL
142	84	0.47	119	P3	TWD	17	DBC	+1.69	TEH	TEC	27	COLD	600UL
142	86	0.20	116	P3	TWD	9	DBH	+1.90	TEH	TEC	26	COLD	600UL
142	90	0.27	111	P3	TWD	11	DBH	+2.07	TEH	TEC	27	COLD	600UL
142	98	0.29	15	P3	TWD	13	DBC	+1.44	TEH	TEC	26	COLD	600UL
142	104	0.34	20	P3	TWD	13	DBH	+1.60	TEH	TEC	29	COLD	600UL
142	110	0.54	42	P3	TWD	19	DBH	+1.80	TEH	TEC	29	COLD	600UL
143	83	0.49	38	P3	TWD	18	DBC	+1.57	TEH	TEC	27	COLD	600UL
143	89	0.27	64	P3	TWD	11	DBH	-1.63	TEH	TEC	26	COLD	600UL
143	109	0.23	126	P3	TWD	10	DBH	-1.57	TEH	TEC	29	COLD	600UL
		0.27	122	P2	TWD	13	VC2	+0.78	TEH	TEC	29	COLD	600UL
		0.46	73	2	SAI		03H	-0.85	03H	03H	152	HOT	580PP
144	76	0.19	48	P2	TWD	9	04H	-0.08	TEH	TEC	26	COLD	600UL
		0.38	130	P2	TWD	17	VC2	+0.92	TEH	TEC	26	COLD	600UL
144	78	0.29	143	P2	TWD	13	VC2	+0.90	TEH	TEC	26	COLD	600UL
		0.43	122	P3	TWD	17	DBC	-1.53	TEH	TEC	26	COLD	600UL
144	80	0.45	131	P3	TWD	18	DBH	+1.93	TEH	TEC	26	COLD	600UL
144	86	0.31	139	P3	TWD	12	DBH	+1.97	TEH	TEC	27	COLD	600UL
144	96	0.42	129	P3	TWD	17	DBH	+2.00	TEH	TEC	26	COLD	600UL
		0.54	129	P3	TWD	20	DBC	+1.26	TEH	TEC	26	COLD	600UL
145	79	0.59	100	P3	TWD	20	DBC	+1.69	TEH	TEC	27	COLD	600UL
145	87	0.20	146	P3	TWD	8	DBC	-1.87	TEH	TEC	26	COLD	600UL
		0.19	34	P3	TWD	8	DBC	+1.81	TEH	TEC	26	COLD	600UL
		0.41	109	P2	TWD	18	VC1	+1.08	TEH	TEC	26	COLD	600UL
145	89	0.26	91	P3	TWD	10	DBH	-1.75	TEH	TEC	27	COLD	600UL
		0.34	48	P2	TWD	15	VC1	+0.85	TEH	TEC	27	COLD	600UL
146	82	0.32	151	P3	TWD	13	DBC	+1.69	TEH	TEC	27	COLD	600UL
		0.20	56	P2	TWD	9	03H	-0.63	TEH	TEC	27	COLD	600UL
146	86	0.17	95	P2	TWD	8	08C	+0.87	TEH	TEC	27	COLD	600UL
		0.14	82	P3	TWD	6	DBH	+1.87	TEH	TEC	27	COLD	600UL
		0.18	99	P3	TWD	7	DBC	+1.77	TEH	TEC	27	COLD	600UL
146	94	0.23	78	P2	TWD	10	02H	+0.87	TEH	TEC	27	COLD	600UL
		0.58	61	P2	TWD	22	VH1	+1.22	TEH	TEC	27	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[1].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
147	91	0.47	105	P2	TWD	19	VC1	-0.85	TEH	TEC	27	COLD	600UL

Total Tubes : 430
Total Records: 531

Appendix 4

Tube Inspection Summary

Steam Generator E-089

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[2]

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
2	122	0.30	95	2	SAI		01H	+0.74	01H	01H	170	HOT	580PP
3	127	0.41	113	2	SAI		07C	+0.01	07C	07C	108	COLD	580PP
5	119	0.53	89	2	SAI		07H	-0.50	07H	07H	169	HOT	580PP
		0.33	86	2	SAI		07H	-0.30	07H	07H	169	HOT	580PP
		0.33	85	2	SAI		07C	+0.61	07C	07C	108	COLD	580PP
6	58	0.33	16	P1	SCI		TSH	-6.31	TSH	TSH	107	HOT	580PP
8	36	0.35	73	2	SAI		05H	-0.71	05H	05H	148	HOT	580PP
8	122	0.27	72	2	SAI		07H	-0.62	07H	07H	169	HOT	580PP
9	65	0.32	90	2	SAI		07H	+0.73	07H	DBH	193	HOT	580PP
9	117	0.26	93	2	SAI		05H	+0.91	05H	05H	170	HOT	580PP
10	44	0.31	75	2	SAI		05H	-0.83	05H	05H	145	HOT	580PP
		0.23	77	2	SAI		05H	+0.54	05H	05H	145	HOT	580PP
11	19	0.30	135	2	SAI		06H	+0.22	06H	06H	145	HOT	580PP
		0.23	104	2	SAI		04H	-0.19	04H	04H	145	HOT	580PP
11	55	0.37	101	2	SAI		05H	+0.94	05H	05H	157	HOT	580PP
11	65	0.30	67	2	SAI		01H	+0.54	01H	01H	203	HOT	580PP
11	119	0.31	55	2	SAI		04H	-0.25	04H	04H	164	HOT	580PP
11	121	0.50	22	P1	SCI		TSH	-10.71	TSH	TSH	82	HOT	580PP
11	131	0.72	14	P1	SCI		TSH	-13.59	TSH	TSH	52	HOT	580PP
12	114	0.40	130	2	SAI		06H	-0.16	06H	06H	215	HOT	520ET
12	128	0.22	121	2	SAI		01H	+0.58	01H	01H	168	HOT	580PP
		0.34	114	2	SAI		04H	+0.50	04H	04H	168	HOT	580PP
13	37	0.20	33	P3	TWD	16	DBC	-0.09	TEC	TEH	27	HOT	600UL
13	123	0.58	103	P2	TWD	22	07H	+0.62	TEH	TEC	31	COLD	600UL
14	18	0.17	83	2	SAI		05H	+0.88	05H	05H	148	HOT	580PP
14	58	0.41	125	2	SAI		04H	+1.07	04H	04H	157	HOT	580PP
15	131	0.43	19	P1	SCI		TSH	-0.10	TSH	TSH	52	HOT	580PP
15	141	0.54	21	P1	SCI		TSH	-0.08	TSH	TSH	99	HOT	580PP
16	52	0.18	100	P3	TWD	11	DBH	-2.12	TEH	TEC	34	COLD	600UL
16	56	0.12	96	2	SAI		06H	-1.39	06H	06H	157	HOT	580PP
16	60	0.39	19	P1	SCI		TSH	-0.09	TSH	TSH	66	HOT	580PP
17	27	0.13	27	P3	TWD	11	DBC	+1.54	TEC	TEH	19	HOT	600UL
17	43	0.13	20	P3	TWD	11	DBH	-1.90	TEC	TEH	27	HOT	600UL
17	49	0.13	110	P1	SCI		TSH	+0.08	TSH	TSH	71	HOT	580PP
18	26	0.20	98	2	SAI		06H	-0.15	06H	06H	148	HOT	580PP
18	34	0.29	13	2	SAI		TSH	-5.71	TSH	TSH	85	HOT	580PP
		0.48	16	2	SAI		TSH	-5.26	TSH	TSH	85	HOT	580PP
18	44	0.13	147	P3	TWD	11	DBH	-1.81	TEC	TEH	27	HOT	600UL
18	122	0.36	110	P3	TWD	15	DBH	-1.89	TEH	TEC	29	COLD	600UL
18	144	0.44	11	P3	TWD	19	DBH	+1.15	TEC	TEH	14	HOT	600UL
19	109	0.23	124	P3	TWD	10	DBC	+1.33	TEH	TEC	29	COLD	600UL
19	173	0.21	157	P2	TWD	12	VSM	+0.81	TEC	TEH	22	HOT	600UL
20	18	0.71	125	P2	TWD	26	VSM	-0.16	TEC	TEH	16	HOT	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
20	108	0.17	122	P3	TWD	10	DBC +1.77		TEH	TEC	30	COLD	600UL
20	120	0.49	120	2	SAI		04H +0.69		04H	04H	215	HOT	520ET
		0.42	132	2	SAI		04H -0.26		04H	04H	215	HOT	520ET
21	67	0.49	98	P2	TWD	22	VSM +0.78		TEH	TEC	36	COLD	600UL
22	2	0.33	129	P2	TWD	23	VSM -0.91		TEC	TEH	11	HOT	600UL
22	50	5.84	186	4	PCS		SBH +3.47	TO+10.13	STH	SBH	128	HOT	500SP
22	118	0.43	126	P2	TWD	21	07H +1.07		TEH	TEC	30	COLD	600UL
23	23	0.27	50	P2	TWD	13	07H +0.60		TEC	TEH	20	HOT	600UL
23	115	0.38	137	P2	TWD	16	VSM +0.75		TEH	TEC	29	COLD	600UL
23	137	0.32	22	P1	SCI		TSH -0.14		TSH	TSH	42	HOT	580PP
24	18	0.27	109	P2	TWD	12	VSM -0.92		TEC	TEH	16	HOT	600UL
24	50	0.23	103	P1	SCI		TSH +0.12		TSH	TSH	72	HOT	580PP
24	130	0.19	120	P1	SCI		TSH +0.08		TSH	TSH	50	HOT	580PP
24	154	0.18	49	P2	TWD	11	VSM +0.25		TEC	TEH	17	HOT	600UL
25	49	0.16	95	P1	SCI		TSH +0.09		TSH	TSH	71	HOT	580PP
25	51	0.32	100	2	SAI		07C -0.60		07C	07C	109	COLD	580PP
25	149	0.26	73	2	SAI		06H -0.38		06H	06H	169	HOT	580PP
28	54	0.37	111	2	SAI		TSH +0.35		TSH	TSH	71	HOT	580PP
28	122	0.19	107	P1	MCI		TSH +0.12		TSH	TSH	81	HOT	580PP
29	47	0.30	102	2	SAI		07H +0.61		07H	07H	161	HOT	580PP
29	59	0.32	17	2	SAI		TSH -3.59		TSH	TSH	65	HOT	580PP
29	113	0.20	53	P3	TWD	12	DBH -1.77		TEH	TEC	30	COLD	600UL
30	70	0.35	136	P3	TWD	17	DBC -1.46		TEH	TEC	36	COLD	600UL
30	106	0.17	149	P3	TWD	10	DBC -1.90		TEH	TEC	30	COLD	600UL
30	134	0.47	20	P1	SCI		TSH -6.96		TSH	TSH	50	HOT	580PP
31	45	0.36	51	P3	TWD	14	DBH +1.64		TEC	TEH	31	HOT	600UL
31	71	0.60	79	P3	TWD	27	DBH -2.04		TEH	TEC	36	COLD	600UL
		0.26	129	P3	TWD	13	DBC +1.79		TEH	TEC	36	COLD	600UL
		0.25	142	P3	TWD	12	DBC -1.83		TEH	TEC	36	COLD	600UL
32	48	0.45	23	P1	SCI		TSH -0.09		TSH	TSH	72	HOT	580PP
33	67	0.26	83	2	SAI		04H +0.50		04H	04H	205	HOT	580PP
		0.17	114	2	SAI		TSH +0.47		TSH	TSH	64	HOT	580PP
		0.21	100	2	SAI		TSH +0.62		TSH	TSH	64	HOT	580PP
34	112	0.28	83	2	SAI		04H -0.34		04H	04H	159	HOT	580PP
35	49	0.14	116	2	SAI		TSH +0.27		TSH	TSH	72	HOT	580PP
35	111	0.72	16	2	SAI		TSH -0.98		TSH	TSH	83	HOT	580PP
		0.21	46	2	SAI		04H -0.29		04H	04H	159	HOT	580PP
36	104	0.19	31	P3	TWD	11	DBC -2.10		TEH	TEC	30	COLD	600UL
36	114	0.35	112	P2	TWD	15	02H +0.90		TEH	TEC	29	COLD	600UL
36	128	0.34	104	P1	MCI		TSH +0.05		TSH	TSH	75	HOT	580PP
37	101	0.30	103	P3	TWD	17	DBC +1.75		TEH	TEC	24	COLD	600UL
		0.26	136	P3	TWD	15	DBH +1.75		TEH	TEC	24	COLD	600UL
37	103	0.52	78	P3	TWD	19	DBH -1.87		TEH	TEC	29	COLD	600UL
		0.45	39	P3	TWD	17	DBC +1.74		TEH	TEC	29	COLD	600UL

Post U2C15 Inspection Final Report
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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
38	4	0.20	45	P2	TWD	16	01C	+0.06	TEC	TEH	11	HOT	600UL
		0.23	36	P2	TWD	18	02C	-0.92	TEC	TEH	11	HOT	600UL
38	8	0.23	93	2	SAI		06H	+0.70	06H	06H	148	HOT	580PP
38	20	0.19	130	P3	TWD	14	DBH	+0.56	TEC	TEH	19	HOT	600UL
38	104	0.25	68	P3	TWD	11	DBC	-1.76	TEH	TEC	29	COLD	600UL
39	45	0.18	107	P1	MCI		TSH	+0.04	TSH	TSH	80	HOT	580PP
39	101	0.28	106	P3	TWD	11	DBC	-2.00	TEH	TEC	23	COLD	600UL
		0.24	55	P3	TWD	10	DBC	+1.94	TEH	TEC	23	COLD	600UL
39	115	0.27	14	P3	TWD	15	DBH	+1.94	TEH	TEC	30	COLD	600UL
39	131	0.60	15	2	SAI		TSH	-7.50	TSH	TSH	52	HOT	580PP
		0.47	14	2	SAI		TSH	-8.54	TSH	TSH	52	HOT	580PP
39	133	0.24	86	P1	SCI		TSH	+0.03	TSH	TSH	52	HOT	580PP
		0.73	21	2	SAI		TSH	-7.28	TSH	TSH	52	HOT	580PP
40	46	0.25	101	P1	SCI		TSH	+0.05	TSH	TSH	80	HOT	580PP
40	60	0.33	110	2	SAI		TSH	+0.31	TSH	TSH	65	HOT	580PP
40	74	0.43	123	P3	TWD	20	DBC	-1.64	STH	TEC	38	COLD	600UL
40	136	0.51	25	P1	SCI		TSH	-8.81	TSH	TSH	99	HOT	580PP
41	57	0.34	27	P3	TWD	13	DBH	+1.84	TEH	TEC	33	COLD	600UL
41	63	0.48	58	P2	TWD	20	02H	+0.93	TEH	TEC	35	COLD	600UL
41	73	0.27	49	P3	TWD	14	DBC	-1.29	TEH	TEC	36	COLD	600UL
41	75	0.67	106	P3	TWD	22	DBC	+1.83	TEH	TEC	35	COLD	600UL
		0.13	113	P3	TWD	6	DBC	-1.71	TEH	TEC	35	COLD	600UL
41	101	0.77	110	P3	TWD	25	DBC	+2.10	TEH	TEC	23	COLD	600UL
41	113	0.24	25	P3	TWD	14	DBH	-1.86	TEH	TEC	30	COLD	600UL
41	119	0.42	71	P3	TWD	22	DBH	+1.88	TEH	TEC	30	COLD	600UL
41	131	0.57	18	P1	SCI		TSH	-0.16	TSH	TSH	50	HOT	580PP
41	143	0.24	50	P2	TWD	14	VSM	+0.78	TEC	TEH	13	HOT	600UL
42	38	0.91	27	P1	SCI		TSH	-0.12	TSH	TSH	80	HOT	580PP
42	168	0.54	156	P2	TWD	23	VSM	+0.90	TEC	TEH	21	HOT	600UL
42	170	0.67	117	P2	TWD	27	VSM	-0.35	TEC	TEH	22	HOT	600UL
44	18	0.16	50	P2	TWD	7	VSM	+0.55	TEC	TEH	16	HOT	600UL
		0.32	128	P2	TWD	14	VSM	-0.92	TEC	TEH	16	HOT	600UL
44	74	0.67	59	P3	TWD	23	DBC	-2.14	TEH	TEC	35	COLD	600UL
		0.23	67	P3	TWD	10	DBC	+2.00	TEH	TEC	35	COLD	600UL
44	104	0.23	136	P3	TWD	13	DBH	+2.02	TEH	TEC	30	COLD	600UL
		0.57	80	P2	TWD	25	VSM	+0.74	TEH	TEC	30	COLD	600UL
		0.13	12	P2	TWD	7	VSM	-1.04	TEH	TEC	30	COLD	600UL
		0.21	74	P3	TWD	13	DBH	-1.67	TEH	TEC	30	COLD	600UL
44	112	0.53	142	P2	TWD	20	VSM	-0.80	TEH	TEC	29	COLD	600UL
45	63	0.26	78	2	SAI		TSH	+0.19	TSH	TSH	63	HOT	580PP
		0.76	20	2	SAI		TSH	-3.16	TSH	TSH	63	HOT	580PP
		0.53	21	2	SAI		TSH	-2.39	TSH	TSH	63	HOT	580PP
45	103	0.90	130	P2	TWD	29	VSM	+0.86	TEH	TEC	29	COLD	600UL
		0.39	131	P2	TWD	16	VSM	-0.80	TEH	TEC	29	COLD	600UL
		0.26	144	P2	TWD	12	VSM	+0.00	TEH	TEC	29	COLD	600UL
45	145	0.25	76	P2	TWD	15	VSM	-0.88	TEC	TEH	13	HOT	600UL
46	48	0.13	103	P1	SCI		TSH	+0.14	TSH	TSH	71	HOT	580PP

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MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
46	52	0.36	134	P2	TWD	15	VSM	-0.88	TEH	TEC	33	COLD	600UL
		0.28	163	P2	TWD	12	VSM	+0.80	TEH	TEC	33	COLD	600UL
46	104	0.91	114	P2	TWD	29	VSM	-0.78	TEH	TEC	29	COLD	600UL
		0.54	139	P2	TWD	21	VSM	+0.78	TEH	TEC	29	COLD	600UL
		0.75	134	P2	TWD	26	VSM	+0.00	TEH	TEC	29	COLD	600UL
46	126	0.41	98	2	SAI		03H	-0.29	03H	03H	215	HOT	520ET
46	128	0.41	136	P2	TWD	17	VSM	-0.89	TEH	TEC	31	COLD	600UL
46	134	0.47	91	2	SAI		06H	+0.16	06H	06H	169	HOT	580PP
46	156	0.66	115	P2	TWD	28	VSM	-0.87	TEC	TEH	18	HOT	600UL
		0.13	152	P2	TWD	8	VSM	+0.77	TEC	TEH	18	HOT	600UL
46	162	0.27	63	P2	TWD	15	VSM	+0.89	TEC	TEH	22	HOT	600UL
46	170	0.22	37	P3	TWD	13	DBC	+1.52	TEC	TEH	22	HOT	600UL
47	29	0.32	16	P3	TWD	22	DBH	-1.78	TEC	TEH	23	HOT	600UL
47	33	0.36	48	P3	TWD	23	DBH	+1.82	TEC	TEH	23	HOT	600UL
47	53	0.23	93	P2	TWD	13	VSM	+0.83	STH	TEC	38	COLD	600UL
47	117	0.30	51	P3	TWD	17	DBH	+1.93	TEH	TEC	30	COLD	600UL
47	121	0.21	159	P2	TWD	12	VSM	-0.86	TEH	TEC	30	COLD	600UL
48	6	0.39	78	P2	TWD	25	08C	-1.72	TEC	TEH	11	HOT	600UL
48	8	0.25	115	P2	TWD	12	02C	+0.89	TEC	TEH	12	HOT	600UL
48	12	0.35	86	2	SAI		04H	+0.61	04H	04H	148	HOT	580PP
48	34	0.20	27	P2	TWD	9	VSM	-0.60	TEC	TEH	24	HOT	600UL
48	52	0.15	131	P1	SCI		TSH	+0.12	TSH	TSH	71	HOT	580PP
48	64	0.43	14	2	SAI		TSH	-2.18	TSH	TSH	63	HOT	580PP
		0.37	13	2	SAI		TSH	-1.43	TSH	TSH	63	HOT	580PP
48	66	1.50	154	P2	TWD	38	VSM	-0.88	TEH	TEC	35	COLD	600UL
48	100	0.63	24	P3	TWD	22	DBC	+1.90	TEH	TEC	21	COLD	600UL
48	118	0.47	40	P2	TWD	19	04H	-1.10	TEH	TEC	29	COLD	600UL
48	130	0.36	18	P1	SCI		TSH	-0.13	TSH	TSH	50	HOT	580PP
48	158	0.55	167	P2	TWD	26	VSM	-0.74	TEC	TEH	17	HOT	600UL
		0.09	160	P2	TWD	6	VSM	+0.97	TEC	TEH	17	HOT	600UL
49	39	0.22	135	P2	TWD	10	VSM	-0.80	TEC	TEH	28	HOT	600UL
49	51	0.15	66	P1	MCI		TSH	+0.07	TSH	TSH	71	HOT	580PP
49	53	0.61	129	P2	TWD	23	08C	-1.51	TEH	TEC	33	COLD	600UL
		0.17	136	P1	SCI		TSH	+0.09	TSH	TSH	71	HOT	580PP
49	57	0.31	102	2	SAI		08H	+1.54	08H	08H	205	HOT	580PP
49	65	0.31	135	P2	TWD	14	VSM	-0.71	TEH	TEC	35	COLD	600UL
49	75	0.36	134	P3	TWD	14	DBC	-1.85	TEH	TEC	35	COLD	600UL
49	103	0.41	153	P2	TWD	17	VSM	-0.80	TEH	TEC	29	COLD	600UL
49	145	0.54	102	P2	TWD	26	08H	-1.60	TEC	TEH	13	HOT	600UL
49	159	0.58	133	P2	TWD	26	VSM	+0.76	TEC	TEH	18	HOT	600UL
		0.27	40	P2	TWD	15	VSM	+0.19	TEC	TEH	18	HOT	600UL
		0.12	92	P2	TWD	8	VSM	-1.05	TEC	TEH	18	HOT	600UL
50	16	0.15	48	P2	TWD	7	08H	+1.23	TEC	TEH	16	HOT	600UL
50	44	0.20	114	P2	TWD	15	VSM	-0.82	TEC	TEH	27	HOT	600UL

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MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
50	74	0.23	16	P3	TWD	9	DBC	+2.10	TEC	TEH	45	HOT	600UL
		0.21	75	P3	TWD	9	DBC	-2.00	TEC	TEH	45	HOT	600UL
50	76	0.65	134	P3	TWD	23	DBC	-1.67	TEH	TEC	23	COLD	600UL
50	100	0.38	121	P2	TWD	19	VSM	+0.12	TEH	TEC	22	COLD	600UL
50	106	0.27	105	P1	SCI		TSH	+0.15	TSH	TSH	87	HOT	580PP
51	77	0.27	149	P3	TWD	15	DBC	+1.93	TEH	TEC	24	COLD	600UL
51	153	0.40	68	P3	TWD	19	DBC	+0.62	TEC	TEH	18	HOT	600UL
52	76	0.47	121	P3	TWD	23	DBC	-1.85	TEH	TEC	24	COLD	600UL
52	78	0.27	157	P3	TWD	11	DBC	-1.86	TEH	TEC	23	COLD	600UL
52	80	0.80	92	P3	TWD	26	DBC	-1.86	TEH	TEC	23	COLD	600UL
52	84	0.39	150	P3	TWD	15	DBC	-2.06	TEH	TEC	23	COLD	600UL
		0.64	126	P3	TWD	22	DBH	-1.45	TEH	TEC	23	COLD	600UL
		0.87	90	P3	TWD	27	DBH	+1.88	TEH	TEC	23	COLD	600UL
		0.39	158	P3	TWD	15	DBC	+1.88	TEH	TEC	23	COLD	600UL
52	96	0.25	164	P3	TWD	16	DBH	-1.69	TEH	TEC	22	COLD	600UL
52	120	0.62	24	P1	SCI		TSH	-0.13	TSH	TSH	82	HOT	580PP
52	158	0.50	91	P2	TWD	24	VH3	-0.96	TEC	TEH	17	HOT	600UL
53	77	0.53	83	P3	TWD	19	DBC	-1.88	TEH	TEC	23	COLD	600UL
53	81	0.37	128	P3	TWD	15	DBC	-1.62	TEH	TEC	23	COLD	600UL
		0.26	36	P3	TWD	10	DBH	-1.95	TEH	TEC	23	COLD	600UL
53	91	0.38	90	P3	TWD	20	DBH	+1.79	TEH	TEC	24	COLD	600UL
53	95	0.29	49	P3	TWD	17	DBH	+1.84	TEH	TEC	22	COLD	600UL
		0.41	63	P3	TWD	22	DBC	+1.71	TEH	TEC	22	COLD	600UL
53	155	0.34	46	P2	TWD	19	VH3	+0.47	TEC	TEH	17	HOT	600UL
54	8	0.17	50	P2	TWD	14	01C	+0.10	TEC	TEH	11	HOT	600UL
54	52	0.44	17	P1	SCI		TSH	-5.76	TSH	TSH	72	HOT	580PP
54	102	0.27	90	2	SAI		01H	+13.43	01H	02H	215	HOT	520ET
54	148	0.41	93	P2	TWD	21	VH3	-0.82	TEC	TEH	13	HOT	600UL
55	45	0.36	25	P1	SCI		TSH	-0.16	TSH	TSH	79	HOT	580PP
55	79	0.37	29	P3	TWD	20	DBC	-2.00	TEH	TEC	24	COLD	600UL
55	85	0.62	137	P3	TWD	22	DBH	+1.96	TEH	TEC	23	COLD	600UL
55	91	0.58	96	P3	TWD	21	DBC	+1.80	TEH	TEC	23	COLD	600UL
56	28	0.64	107	P2	TWD	24	VH3	-0.92	TEC	TEH	24	HOT	600UL
56	92	0.37	122	P3	TWD	21	DBC	+1.92	TEH	TEC	22	COLD	600UL
		0.14	79	P3	TWD	10	DBC	-1.90	TEH	TEC	22	COLD	600UL
56	150	0.41	105	P2	TWD	21	VH3	-0.91	TEC	TEH	13	HOT	600UL
56	152	0.29	119	P3	TWD	18	DBH	+0.95	TEC	TEH	13	HOT	600UL
56	158	0.48	90	P2	TWD	24	VH3	-0.76	TEC	TEH	17	HOT	600UL
57	77	0.25	92	P1	MCI		TSH	+0.07	TSH	TSH	53	HOT	580PP
57	79	0.46	29	P3	TWD	17	DBC	+1.80	TEH	TEC	23	COLD	600UL
		0.70	92	P3	TWD	24	DBC	-1.60	TEH	TEC	23	COLD	600UL
57	97	0.50	15	2	SAI		TSH	-4.39	TSH	TSH	58	HOT	580PP
58	54	0.34	17	2	SAI		TSH	-6.25	TSH	TSH	71	HOT	580PP
58	82	0.61	99	P3	TWD	22	DBH	+1.80	TEH	TEC	23	COLD	600UL

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
58	92	0.30	17	P3	TWD	12	DBH	+2.04	TEH	TEC	21	COLD	600UL
58	94	0.41	78	P3	TWD	22	DBC	-1.96	TEH	TEC	22	COLD	600UL
58	96	0.25	28	P3	TWD	10	DBH	-1.68	TEH	TEC	21	COLD	600UL
		0.30	94	P3	TWD	12	DBC	+1.68	TEH	TEC	21	COLD	600UL
59	25	0.51	79	P2	TWD	21	VH3	-1.00	TEC	TEH	20	HOT	600UL
59	53	0.25	24	P1	SCI		TSH	-0.17	TSH	TSH	71	HOT	580PP
59	89	0.86	100	P3	TWD	32	DBH	-1.56	STH	TEC	40	COLD	600UL
		0.35	133	P2	TWD	18	VH3	+0.00	STH	TEC	40	COLD	600UL
		0.21	140	P2	TWD	12	VH3	-0.71	STH	TEC	40	COLD	600UL
		0.30	93	2	SAI		06C	-0.69	06C	06C	108	COLD	580PP
		0.31	110	2	SAI		VH3	+0.08	DBH	VH3	120	COLD	560P2
59	95	0.46	118	P3	TWD	17	DBH	-1.56	TEH	TEC	21	COLD	600UL
		0.24	122	P3	TWD	9	DBC	+0.74	TEH	TEC	21	COLD	600UL
59	147	0.60	106	P2	TWD	25	VH3	+0.93	TEC	TEH	14	HOT	600UL
		0.38	149	P2	TWD	18	VH3	-0.93	TEC	TEH	14	HOT	600UL
60	28	0.33	126	P2	TWD	15	VH3	-0.98	TEC	TEH	24	HOT	600UL
60	30	0.36	81	P2	TWD	16	VH3	-1.04	TEC	TEH	24	HOT	600UL
60	88	0.77	139	P3	TWD	25	DBH	+1.74	TEH	TEC	23	COLD	600UL
60	94	0.46	103	P3	TWD	17	DBH	+1.68	TEH	TEC	21	COLD	600UL
		0.60	138	P3	TWD	21	DBC	-1.72	TEH	TEC	21	COLD	600UL
60	146	0.43	111	P2	TWD	22	VH3	-1.05	TEC	TEH	13	HOT	600UL
60	158	0.35	122	P2	TWD	19	VH3	-0.99	TEC	TEH	17	HOT	600UL
61	89	0.41	95	P3	TWD	21	DBC	-2.08	TEH	TEC	24	COLD	600UL
		0.29	115	P3	TWD	17	DBH	-1.85	TEH	TEC	24	COLD	600UL
61	91	0.60	14	P3	TWD	21	DBH	+1.97	TEH	TEC	23	COLD	600UL
62	74	0.22	95	2	SAI		TSH	+1.36	TSH	TSH	62	HOT	580PP
62	92	0.20	96	P1	SCI		TSH	+0.13	TSH	TSH	53	HOT	580PP
63	87	0.55	110	P3	TWD	24	DBH	-1.49	STH	TEC	40	COLD	600UL
		0.18	149	P3	TWD	10	DBC	-1.78	STH	TEC	40	COLD	600UL
63	99	0.23	55	P3	TWD	10	DBC	-1.33	TEH	TEC	21	COLD	600UL
63	145	0.33	116	P2	TWD	18	VH3	+0.84	TEC	TEH	13	HOT	600UL
64	10	0.36	109	P2	TWD	23	03C	-0.94	TEC	TEH	15	HOT	600UL
		0.07	45	P3	TWD	6	DBH	+1.67	TEC	TEH	15	HOT	600UL
64	12	0.42	101	P2	TWD	25	VH3	+0.66	TEC	TEH	15	HOT	600UL
64	76	0.28	111	2	SAI		05H	+0.67	05H	05H	146	HOT	580PP
64	80	0.35	15	2	SAI		TSH	-2.87	TSH	TSH	54	HOT	580PP
64	82	0.56	113	P3	TWD	26	DBC	+2.01	TEH	TEC	24	COLD	600UL
64	84	0.19	86	P1	SCI		TSH	+0.09	TSH	TSH	54	HOT	580PP
		0.36	65	P3	TWD	19	DBH	+1.75	TEH	TEC	24	COLD	600UL
64	86	0.30	66	P3	TWD	16	DBH	-1.70	STH	TEC	40	COLD	600UL
64	92	0.19	136	P3	TWD	11	DBH	-1.72	STH	TEC	40	COLD	600UL
		0.15	68	P3	TWD	9	DBC	-1.79	STH	TEC	40	COLD	600UL
64	94	0.34	85	P3	TWD	19	DBC	-1.88	TEH	TEC	22	COLD	600UL
64	150	0.34	147	P2	TWD	19	VH3	-0.93	TEC	TEH	13	HOT	600UL
65	37	0.21	89	2	SAI		VSM	-0.93	VSM	VSM	189	HOT	560P2
66	78	0.29	87	P3	TWD	16	DBH	+1.91	TEH	TEC	24	COLD	600UL
66	80	0.44	116	P3	TWD	17	DBC	+1.89	TEH	TEC	23	COLD	600UL

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
66	84	0.24	21	P3	TWD	10	DBH	-1.80	TEH	TEC	23	COLD	600UL
66	90	0.31	14	P3	TWD	17	DBC	-1.79	TEH	TEC	24	COLD	600UL
66	94	0.58	58	P3	TWD	20	DBC	+1.74	TEH	TEC	21	COLD	600UL
		0.36	127	P3	TWD	14	DBC	-1.70	TEH	TEC	21	COLD	600UL
66	138	0.32	90	P2	TWD	16	08C	-0.90	TEC	TEH	10	HOT	600UL
67	83	0.79	74	P3	TWD	26	DBC	-1.76	TEH	TEC	23	COLD	600UL
		0.38	57	P3	TWD	15	DBH	-1.66	TEH	TEC	23	COLD	600UL
67	87	0.29	107	P2	TWD	11	VSM	+0.88	TEH	TEC	23	COLD	600UL
		0.30	161	P3	TWD	12	DBH	+1.53	TEH	TEC	23	COLD	600UL
68	40	0.22	151	P2	TWD	16	VC3	+0.87	TEC	TEH	27	HOT	600UL
68	90	0.66	121	P3	TWD	23	DBC	-2.00	TEH	TEC	23	COLD	600UL
		0.39	41	P3	TWD	15	DBH	-1.92	TEH	TEC	23	COLD	600UL
		0.36	16	P3	TWD	14	DBC	+2.25	TEH	TEC	23	COLD	600UL
69	91	0.32	97	P3	TWD	13	DBC	+2.17	TEH	TEC	23	COLD	600UL
69	163	0.28	148	P2	TWD	15	02C	+0.89	TEC	TEH	22	HOT	600UL
70	24	0.21	166	P3	TWD	8	DBC	+2.05	TEC	TEH	20	HOT	600UL
		0.16	16	P3	TWD	6	DBC	-1.48	TEC	TEH	20	HOT	600UL
70	52	0.37	153	P3	TWD	22	DBC	+1.29	TEC	TEH	40	HOT	600UL
70	68	0.24	79	P1	SCI		TSH	+0.06	TSH	TSH	63	HOT	580PP
70	90	0.21	146	P3	TWD	13	DBH	-1.88	TEH	TEC	24	COLD	600UL
70	92	0.29	20	2	SAI		TSH	-2.27	TSH	TSH	54	HOT	580PP
70	94	0.57	124	P3	TWD	20	DBC	-1.85	TEH	TEC	21	COLD	600UL
70	144	0.39	119	P2	TWD	19	VC3	-0.86	TEC	TEH	14	HOT	600UL
		0.36	32	P2	TWD	17	VSM	-0.89	TEC	TEH	14	HOT	600UL
70	152	0.37	141	P2	TWD	18	VH3	-0.76	TEC	TEH	14	HOT	600UL
70	156	0.46	135	P2	TWD	23	VH3	-1.01	TEC	TEH	18	HOT	600UL
70	164	0.32	72	P2	TWD	16	02C	-0.94	TEC	TEH	21	HOT	600UL
71	57	0.15	78	2	SAI		08H	+0.52	08H	08H	156	HOT	580PP
71	67	0.46	109	P1	SCI		TSH	+0.14	TSH	TSH	64	HOT	580PP
71	79	0.44	114	P3	TWD	22	DBC	-2.20	TEH	TEC	24	COLD	600UL
71	91	0.27	143	P3	TWD	16	DBC	-1.85	TEH	TEC	24	COLD	600UL
71	93	0.21	129	P3	TWD	13	DBC	-2.18	TEH	TEC	22	COLD	600UL
71	143	0.23	58	P2	TWD	12	04C	-0.14	TEC	TEH	14	HOT	600UL
		0.22	159	P2	TWD	12	VC3	-0.88	TEC	TEH	14	HOT	600UL
		0.38	143	P2	TWD	18	VH3	-0.88	TEC	TEH	14	HOT	600UL
		0.42	134	P2	TWD	19	VSM	+0.70	TEC	TEH	14	HOT	600UL
71	147	0.37	127	P2	TWD	18	VC3	-0.82	TEC	TEH	14	HOT	600UL
		0.62	101	P2	TWD	25	VH3	-0.92	TEC	TEH	14	HOT	600UL
72	26	0.46	101	P2	TWD	19	VC3	+0.80	TEC	TEH	20	HOT	600UL
72	28	0.21	153	P3	TWD	10	DBC	+0.71	TEC	TEH	24	HOT	600UL
72	36	0.18	9	P3	TWD	9	DBC	+1.46	TEC	TEH	24	HOT	600UL
72	38	0.26	92	P3	TWD	19	DBC	+1.98	TEC	TEH	27	HOT	600UL
72	78	0.27	77	P2	TWD	11	VC3	+0.88	TEH	TEC	23	COLD	600UL
		0.33	134	P2	TWD	13	VH3	+0.80	TEH	TEC	23	COLD	600UL
		0.58	82	P2	TWD	20	VH3	-0.99	TEH	TEC	23	COLD	600UL
72	80	0.47	145	P2	TWD	17	VC3	+0.84	TEH	TEC	23	COLD	600UL

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
72	84	0.39	130	P3	TWD	15	DBC	-1.78	TEH	TEC	23	COLD	600UL
		0.37	130	P2	TWD	14	VH3	-0.84	TEH	TEC	23	COLD	600UL
72	90	0.39	94	P3	TWD	15	DBC	-2.22	TEH	TEC	23	COLD	600UL
72	114	0.26	84	P2	TWD	14	VC3	+0.87	TEC	TEH	32	HOT	600UL
72	126	0.44	127	P2	TWD	22	VSM	-0.82	TEC	TEH	33	HOT	600UL
		0.42	104	P2	TWD	21	VH3	-0.12	TEC	TEH	33	HOT	600UL
72	156	0.24	107	P2	TWD	14	VC3	-0.93	TEC	TEH	17	HOT	600UL
73	13	0.25	85	P2	TWD	18	VH3	+0.80	TEC	TEH	15	HOT	600UL
73	51	0.30	142	P3	TWD	19	DBH	-1.10	TEC	TEH	40	HOT	600UL
73	91	0.47	21	P3	TWD	18	DBC	+2.21	TEH	TEC	23	COLD	600UL
73	157	0.31	131	P2	TWD	17	VH3	+1.09	TEC	TEH	17	HOT	600UL
73	163	0.13	44	P3	TWD	6	DBC	+1.54	TEC	TEH	21	HOT	600UL
74	18	0.13	152	P3	TWD	11	DBC	+2.06	TEC	TEH	15	HOT	600UL
74	44	0.16	71	P2	TWD	12	VSM	+0.76	TEC	TEH	27	HOT	600UL
		0.50	133	P2	TWD	27	VH3	-0.80	TEC	TEH	27	HOT	600UL
74	50	0.32	161	P3	TWD	20	DBH	+1.89	TEC	TEH	40	HOT	600UL
74	56	0.23	49	P3	TWD	9	DBH	+0.97	TEC	TEH	41	HOT	600UL
74	90	0.41	123	P3	TWD	21	DBC	-1.75	TEH	TEC	24	COLD	600UL
74	94	0.20	35	P3	TWD	12	DBH	-1.63	TEH	TEC	22	COLD	600UL
74	124	0.20	96	P3	TWD	9	DBC	-1.77	TEC	TEH	33	HOT	600UL
74	132	0.28	103	P2	TWD	15	VC3	-0.99	TEC	TEH	10	HOT	600UL
74	148	0.31	126	P2	TWD	18	VSM	-0.95	TEC	TEH	13	HOT	600UL
		0.44	55	P2	TWD	22	VH3	-0.93	TEC	TEH	13	HOT	600UL
74	156	0.59	46	P2	TWD	26	VC3	-0.76	TEC	TEH	18	HOT	600UL
		0.41	87	P2	TWD	21	VSM	-0.85	TEC	TEH	18	HOT	600UL
		0.57	95	P2	TWD	26	VH3	-0.87	TEC	TEH	18	HOT	600UL
75	15	0.10	162	P3	TWD	8	DBH	+1.29	TEC	TEH	11	HOT	600UL
75	23	0.14	46	P3	TWD	12	DBC	+1.69	TEC	TEH	19	HOT	600UL
75	51	0.15	94	P3	TWD	6	DBH	-2.24	TEC	TEH	41	HOT	600UL
75	53	0.12	91	P1	SCI		TSH	-0.03	TSH	TSH	71	HOT	580PP
75	83	0.51	54	P3	TWD	19	DBC	-2.01	TEH	TEC	23	COLD	600UL
75	87	0.51	19	P3	TWD	19	DBC	+2.25	TEH	TEC	23	COLD	600UL
		0.70	119	P3	TWD	24	DBC	-2.23	TEH	TEC	23	COLD	600UL
75	97	0.23	85	P2	TWD	13	VC3	-0.88	TEH	TEC	22	COLD	600UL
		0.34	105	P2	TWD	18	VC3	+0.90	TEH	TEC	22	COLD	600UL
75	103	0.19	139	P2	TWD	11	VC3	+0.91	TEC	TEH	38	HOT	600UL
76	42	0.22	126	P3	TWD	16	DBC	-1.79	TEC	TEH	27	HOT	600UL
76	56	0.32	21	P3	TWD	20	DBH	+1.18	TEC	TEH	40	HOT	600UL
76	78	0.27	143	P2	TWD	15	VC3	-0.86	TEH	TEC	24	COLD	600UL
		0.55	125	P2	TWD	25	VC3	+0.86	TEH	TEC	24	COLD	600UL
		0.26	117	P2	TWD	15	VH3	+0.84	TEH	TEC	24	COLD	600UL
76	84	0.37	5	P3	TWD	15	DBC	+2.15	TEH	TEC	23	COLD	600UL
76	90	0.42	118	P3	TWD	16	DBC	-2.00	TEH	TEC	23	COLD	600UL
		0.30	33	P3	TWD	12	DBC	+2.15	TEH	TEC	23	COLD	600UL
76	114	0.38	78	P2	TWD	19	VH3	-0.87	TEC	TEH	32	HOT	600UL
76	138	0.14	14	P3	TWD	8	DBC	+1.93	TEC	TEH	9	HOT	600UL

Post U2C15 Inspection Final Report
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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
76	142	0.21	91	P2	TWD	13	08C	-0.49	TEC	TEH	13	HOT	600UL
76	160	0.43	74	P2	TWD	22	VH3	+0.84	TEC	TEH	17	HOT	600UL
77	27	0.24	80	P3	TWD	10	DBC	-1.69	TEC	TEH	20	HOT	600UL
77	43	0.30	124	P2	TWD	13	VH3	+0.78	TEC	TEH	28	HOT	600UL
77	113	0.18	103	P2	TWD	11	VH3	-1.04	TEC	TEH	33	HOT	600UL
77	137	0.64	98	P2	TWD	26	VSM	-0.90	TEC	TEH	10	HOT	600UL
77	139	0.60	132	P2	TWD	25	VC3	+0.77	TEC	TEH	10	HOT	600UL
		0.25	99	P2	TWD	13	VC3	-0.90	TEC	TEH	10	HOT	600UL
		0.33	61	P2	TWD	17	VSM	-0.92	TEC	TEH	10	HOT	600UL
		0.31	105	P2	TWD	16	VH3	-1.03	TEC	TEH	10	HOT	600UL
77	157	0.38	75	P2	TWD	20	VH3	-0.95	TEC	TEH	17	HOT	600UL
78	26	0.24	130	P2	TWD	18	07C	-0.14	TEC	TEH	19	HOT	600UL
78	28	0.07	138	P3	TWD	6	DBC	-1.65	TEC	TEH	23	HOT	600UL
78	44	0.33	127	P2	TWD	21	VSM	-0.78	TEC	TEH	27	HOT	600UL
78	58	0.24	173	P3	TWD	16	DBH	+1.61	TEC	TEH	40	HOT	600UL
78	130	0.31	132	P2	TWD	15	VSM	-1.02	TEC	TEH	10	HOT	600UL
78	136	0.26	144	P2	TWD	14	VC3	-0.89	STH	TEC	38	COLD	600UL
78	150	0.57	64	P2	TWD	24	VH3	-0.74	TEC	TEH	14	HOT	600UL
78	160	0.30	124	P3	TWD	15	DBC	-1.56	TEC	TEH	18	HOT	600UL
79	15	0.13	117	P3	TWD	10	DBH	+1.21	TEC	TEH	11	HOT	600UL
79	43	0.23	45	P2	TWD	16	VH3	-0.62	TEC	TEH	27	HOT	600UL
79	53	0.57	21	P1	SCI		TSH	-0.02	TSH	TSH	71	HOT	580PP
79	79	0.41	143	P2	TWD	16	VH3	-0.92	TEH	TEC	23	COLD	600UL
79	89	0.17	108	2	SAI		TSH	+1.00	TSH	TSH	53	HOT	580PP
79	99	0.33	125	P1	SCI		TSH	-0.00	TSH	TSH	57	HOT	580PP
80	72	0.20	88	P3	TWD	15	DBH	-2.24	TEC	TEH	44	HOT	600UL
80	106	0.29	78	P2	TWD	16	VH3	+0.91	TEC	TEH	32	HOT	600UL
80	152	0.59	108	P2	TWD	27	VC3	+0.86	TEC	TEH	13	HOT	600UL
		0.67	105	P2	TWD	29	VC3	-0.80	TEC	TEH	13	HOT	600UL
		0.33	123	P2	TWD	18	VSM	+0.86	TEC	TEH	13	HOT	600UL
		0.52	137	P2	TWD	25	VSM	-0.82	TEC	TEH	13	HOT	600UL
80	160	0.63	117	P3	TWD	27	DBC	-1.59	TEC	TEH	17	HOT	600UL
81	21	0.15	87	P3	TWD	12	DBH	+0.78	TEC	TEH	11	HOT	600UL
81	25	0.13	158	P3	TWD	10	DBC	-1.38	TEC	TEH	11	HOT	600UL
81	75	0.34	125	P2	TWD	17	VC3	+0.86	TEH	TEC	17	COLD	600UL
		0.27	24	P3	TWD	13	DBH	-1.66	TEH	TEC	17	COLD	600UL
81	79	0.94	100	P2	TWD	30	VH3	-0.86	TEH	TEC	13	COLD	600UL
		0.37	124	P2	TWD	15	VC3	-0.70	TEH	TEC	13	COLD	600UL
81	105	0.55	148	P2	TWD	21	VH3	+0.99	TEH	TEC	9	COLD	600UL
		0.29	114	P2	TWD	12	VSM	+0.87	TEH	TEC	9	COLD	600UL
81	135	0.41	123	P2	TWD	20	VH3	+0.92	TEC	TEH	5	HOT	600UL
		0.24	157	P2	TWD	14	VH3	-0.73	TEC	TEH	5	HOT	600UL
81	159	0.33	72	P2	TWD	17	VH3	-0.87	TEC	TEH	9	HOT	600UL
		0.26	87	P2	TWD	14	02H	-0.36	TEC	TEH	9	HOT	600UL
82	28	0.20	92	P2	TWD	16	VH3	-0.19	TEC	TEH	11	HOT	600UL
		0.23	99	P2	TWD	18	VH3	-0.68	TEC	TEH	11	HOT	600UL

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
82	44	0.22	138	P2	TWD	13	VH3	+0.91	TEC	TEH	7	HOT	600UL
82	68	0.42	140	P2	TWD	20	VH3	+0.86	TEH	TEC	17	COLD	600UL
		0.89	127	P2	TWD	32	VH3	-0.86	TEH	TEC	17	COLD	600UL
82	148	0.61	125	P2	TWD	26	VH3	-0.89	TEC	TEH	9	HOT	600UL
83	73	0.29	111	2	SAI		03H	-0.11	03H	03H	171	HOT	580PP
84	40	0.38	64	P2	TWD	22	VH2	-1.14	TEC	TEH	8	HOT	600UL
84	100	0.47	66	P2	TWD	22	09H	-1.59	TEH	TEC	12	COLD	600UL
84	108	0.40	127	P2	TWD	19	09H	+0.39	TEH	TEC	10	COLD	600UL
85	81	0.31	102	P1	SCI		TSH	+0.19	TSH	TSH	107	HOT	580PP
85	91	0.25	93	P3	TWD	9	DBC	-1.85	TEH	TEC	11	COLD	600UL
86	68	0.37	42	P2	TWD	19	VH2	+0.82	TEH	TEC	17	COLD	600UL
86	130	0.37	114	P2	TWD	19	VH2	-0.77	TEC	TEH	5	HOT	600UL
87	31	0.82	19	2	SAI		05H	+0.33	05H	05H	143	HOT	580PP
87	47	0.18	105	2	SAI		03H	-0.21	03H	03H	165	HOT	580PP
87	131	0.35	122	P2	TWD	18	VH2	+0.66	TEC	TEH	5	HOT	600UL
88	40	0.23	76	P2	TWD	14	VSM	-0.93	TEC	TEH	8	HOT	600UL
89	25	0.14	36	P3	TWD	11	DBH	+0.04	TEC	TEH	11	HOT	600UL
89	93	0.48	17	2	SAI		TSH	-13.00	TSH	TSH	113	HOT	580PP
90	122	0.38	140	P2	TWD	19	VH2	-0.78	TEH	TEC	8	COLD	600UL
91	85	0.33	104	2	SAI		03H	+0.20	03H	03H	176	HOT	580PP
93	113	0.35	67	2	SAI		02H	+0.84	02H	02H	174	HOT	580PP
94	22	0.23	93	P2	TWD	11	02C	+0.93	TEC	TEH	12	HOT	600UL
94	50	0.33	133	P2	TWD	14	05C	-0.12	TEH	TEC	21	COLD	600UL
94	146	0.23	124	P2	TWD	14	VH3	-0.96	TEC	TEH	5	HOT	600UL
97	37	0.50	115	P2	TWD	26	VC3	+0.95	TEC	TEH	8	HOT	600UL
98	62	1.26	20	2	SAI		TSH	-13.92	TSH	TSH	101	HOT	580PP
98	82	0.31	100	2	SAI		01H	-0.44	01H	01H	176	HOT	580PP
99	131	0.30	124	P2	TWD	16	VH2	+0.73	TEC	TEH	5	HOT	600UL
101	25	0.33	118	P2	TWD	15	08H	+0.47	TEC	TEH	12	HOT	600UL
101	33	0.20	20	P3	TWD	12	DBC	+2.00	TEC	TEH	7	HOT	600UL
101	39	0.32	99	P2	TWD	19	VH2	+0.85	TEC	TEH	8	HOT	600UL
101	143	0.24	121	P3	TWD	15	DBH	+1.84	TEC	TEH	5	HOT	600UL
102	58	0.38	124	P2	TWD	16	VH3	+0.86	TEH	TEC	19	COLD	600UL
		0.25	109	P2	TWD	11	VC3	+0.86	TEH	TEC	19	COLD	600UL
		0.21	150	P2	TWD	10	VC3	-0.82	TEH	TEC	19	COLD	600UL
		0.25	125	P2	TWD	11	VC2	-0.89	TEH	TEC	19	COLD	600UL
103	137	0.39	92	P2	TWD	20	VH3	-0.92	TEC	TEH	6	HOT	600UL
105	61	0.20	141	P2	TWD	11	VC3	-0.80	TEH	TEC	20	COLD	600UL
105	141	0.19	148	P3	TWD	12	DBH	+1.78	TEC	TEH	5	HOT	600UL
106	84	0.34	120	P2	TWD	15	VH3	+0.80	TEH	TEC	13	COLD	600UL
106	126	0.44	94	2	MAI		02H	+0.24	02H	02H	174	HOT	580PP
107	33	0.21	38	P3	TWD	16	DBC	+1.65	TEC	TEH	7	HOT	600UL

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
107	35	0.25	128	P3	TWD	16	DBC	+2.00	TEC	TEH	7	HOT	600UL
107	59	0.32	60	P3	TWD	17	DBH	+1.77	TEH	TEC	20	COLD	600UL
107	103	0.51	70	P2	TWD	23	VH2	-0.89	TEH	TEC	12	COLD	600UL
108	42	0.35	104	P3	TWD	13	DBH	+1.86	TEC	TEH	8	HOT	600UL
		0.35	127	P3	TWD	13	DBH	-2.25	TEC	TEH	8	HOT	600UL
108	52	1.22	16	2	SAI		06H	+0.67	06H	06H	165	HOT	580PP
108	126	0.33	91	2	SAI		02H	+0.66	02H	02H	174	HOT	580PP
109	47	0.31	130	P2	TWD	17	VSM	-0.58	TEH	TEC	22	COLD	600UL
		0.29	47	P2	TWD	16	VC3	-0.70	TEH	TEC	22	COLD	600UL
109	55	0.25	133	P3	TWD	14	DBH	+1.48	TEH	TEC	20	COLD	600UL
110	34	0.28	140	P2	TWD	17	VH2	+0.76	TEC	TEH	7	HOT	600UL
110	122	0.30	88	2	SAI		02H	+0.82	02H	02H	174	HOT	580PP
111	43	0.35	95	P2	TWD	21	VH3	-0.95	TEC	TEH	8	HOT	600UL
111	87	0.43	95	P2	TWD	17	VC2	+0.91	TEH	TEC	13	COLD	600UL
111	99	0.47	56	P2	TWD	17	09C	+0.51	TEH	TEC	11	COLD	600UL
112	32	0.32	122	P3	TWD	12	DBC	+1.80	TEC	TEH	8	HOT	600UL
112	134	0.54	97	2	SAI		02H	+0.50	02H	02H	174	HOT	580PP
112	144	0.46	51	P3	TWD	21	DBC	+2.05	TEC	TEH	6	HOT	600UL
113	53	0.24	78	P2	TWD	13	VC2	-0.52	TEH	TEC	22	COLD	600UL
113	77	0.31	114	P2	TWD	13	VC3	+0.92	TEH	TEC	13	COLD	600UL
113	91	0.31	121	P2	TWD	16	VC3	-0.84	TEH	TEC	12	COLD	600UL
113	105	0.40	79	P2	TWD	19	VH2	+0.79	TEH	TEC	10	COLD	600UL
		0.33	73	P2	TWD	17	VH3	+0.81	TEH	TEC	10	COLD	600UL
113	125	0.23	23	P2	TWD	13	05H	-0.18	TEH	TEC	8	COLD	600UL
114	36	0.22	76	P2	TWD	13	09C	-1.01	TEC	TEH	7	HOT	600UL
		0.12	21	P3	TWD	10	DBC	-1.98	TEC	TEH	7	HOT	600UL
114	40	0.35	67	P3	TWD	21	DBH	+1.51	TEC	TEH	7	HOT	600UL
114	62	0.32	135	P3	TWD	13	DBH	-1.77	TEH	TEC	19	COLD	600UL
114	136	0.31	147	P2	TWD	17	VC3	+0.67	TEC	TEH	6	HOT	600UL
115	39	0.75	134	P2	TWD	28	VH1	+0.81	TEC	TEH	8	HOT	600UL
115	43	0.65	144	P2	TWD	26	VH1	+0.83	TEC	TEH	8	HOT	600UL
		0.64	161	P2	TWD	25	VH1	-0.70	TEC	TEH	8	HOT	600UL
115	107	0.26	127	P3	TWD	11	DBH	-1.38	TEH	TEC	9	COLD	600UL
116	50	0.25	61	P2	TWD	11	VH2	-1.15	TEH	TEC	21	COLD	600UL
116	90	0.47	79	P2	TWD	21	VH1	-1.13	TEH	TEC	14	COLD	600UL
116	102	0.64	38	P2	TWD	22	VH1	-0.69	TEH	TEC	11	COLD	600UL
116	128	0.46	77	P3	TWD	22	DBH	-1.66	TEH	TEC	8	COLD	600UL
116	140	0.24	104	P3	TWD	13	DBH	-1.50	TEC	TEH	6	HOT	600UL
117	59	0.37	22	P3	TWD	19	DBH	-1.18	TEH	TEC	20	COLD	600UL
117	129	0.42	131	P2	TWD	18	05H	-0.16	TEH	TEC	7	COLD	600UL
118	62	0.41	98	2	SAI		01H	+0.95	01H	01H	171	HOT	580PP
		0.25	110	2	SAI		04H	+0.95	04H	04H	171	HOT	580PP
118	124	0.23	78	2	SAI		02H	+0.43	02H	02H	174	HOT	580PP

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL #	LEG	PROBE
118	128	0.29	101	P2	TWD	13	05H +0.70	TEH	TEC	7	COLD	600UL
119	79	0.68	132	P2	TWD	24	VH3 +0.86	TEH	TEC	13	COLD	600UL
119	119	0.42	30	P2	TWD	18	10H -1.08	TEH	TEC	7	COLD	600UL
119	121	0.53	98	P2	TWD	21	10H -1.20	TEH	TEC	7	COLD	600UL
120	38	0.23	66	P2	TWD	15	10H +1.05	TEC	TEH	8	HOT	600UL
120	72	0.23	61	P2	TWD	13	10H -1.02	TEH	TEC	17	COLD	600UL
120	98	0.48	80	P2	TWD	23	VH1 -0.80	TEH	TEC	12	COLD	600UL
121	39	0.27	100	P2	TWD	17	10H -1.44	TEC	TEH	8	HOT	600UL
121	45	0.62	108	P2	TWD	29	VC2 -0.62	TEC	TEH	8	HOT	600UL
121	47	0.31	113	P2	TWD	16	10H +0.76	TEH	TEC	22	COLD	600UL
121	83	0.53	125	P2	TWD	23	VC3 -0.88	TEH	TEC	14	COLD	600UL
		0.38	134	P2	TWD	18	VH1 +0.84	TEH	TEC	14	COLD	600UL
121	109	0.87	88	P2	TWD	31	10H -1.50	TEH	TEC	10	COLD	600UL
122	110	0.23	102	2	SAI		05H -0.30	05H	05H	174	HOT	580PP
123	45	0.29	17	P3	TWD	18	DBH +2.02	TEC	TEH	7	HOT	600UL
123	117	0.31	141	P3	TWD	12	DBH -1.90	TEH	TEC	9	COLD	600UL
124	58	0.54	128	P2	TWD	24	VH1 -0.78	TEH	TEC	20	COLD	600UL
124	98	0.26	7	P3	TWD	14	DBH +1.86	TEH	TEC	12	COLD	600UL
125	53	0.31	133	P2	TWD	17	VH1 -0.79	TEH	TEC	22	COLD	600UL
125	55	0.21	117	P3	TWD	12	DBH +1.69	TEH	TEC	20	COLD	600UL
125	77	0.42	128	P2	TWD	20	VH1 +0.92	TEH	TEC	14	COLD	600UL
125	111	0.25	168	P3	TWD	14	DBH +1.69	TEH	TEC	10	COLD	600UL
125	119	0.30	109	P3	TWD	16	DBH +1.62	TEH	TEC	8	COLD	600UL
126	74	0.31	84	P2	TWD	17	VH1 -1.06	TEH	TEC	17	COLD	600UL
126	86	0.24	110	P3	TWD	9	DBH -1.90	TEH	TEC	13	COLD	600UL
126	102	0.26	24	P3	TWD	14	DBH -1.26	TEH	TEC	12	COLD	600UL
126	108	0.27	162	P3	TWD	11	DBH -1.64	TEH	TEC	9	COLD	600UL
127	71	0.41	142	P2	TWD	20	04H +0.89	TEH	TEC	17	COLD	600UL
127	99	0.39	151	P2	TWD	15	VH1 +0.84	TEH	TEC	11	COLD	600UL
127	111	0.33	25	P2	TWD	14	04H +0.20	TEH	TEC	9	COLD	600UL
127	123	0.34	97	P2	TWD	15	09C -1.20	TEH	TEC	7	COLD	600UL
128	56	0.23	168	P3	TWD	10	DBH +2.04	TEH	TEC	19	COLD	600UL
128	60	0.42	95	2	SAI		04H +0.75	04H	04H	166	HOT	580PP
128	72	0.32	92	P2	TWD	17	10H +0.94	TEH	TEC	17	COLD	600UL
		0.61	120	P2	TWD	26	10H +0.08	TEH	TEC	17	COLD	600UL
		0.69	144	P2	TWD	28	10H -1.19	TEH	TEC	17	COLD	600UL
128	92	0.52	43	P2	TWD	19	06H +0.93	TEH	TEC	11	COLD	600UL
129	47	0.48	141	P2	TWD	23	10H +0.83	TEH	TEC	22	COLD	600UL
		0.42	130	P3	TWD	22	DBH +1.67	TEH	TEC	22	COLD	600UL
		0.39	47	P3	TWD	21	DBH -1.32	TEH	TEC	22	COLD	600UL
129	49	0.44	90	P2	TWD	21	VH1 -0.83	TEH	TEC	22	COLD	600UL
		0.32	90	P2	TWD	17	VH1 +0.91	TEH	TEC	22	COLD	600UL
129	73	0.26	65	P3	TWD	16	DBH +1.92	TEH	TEC	18	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
129	89	0.27	60	P2	TWD	14	VH2	-0.88	TEH	TEC	14	COLD	600UL
		0.23	154	P2	TWD	12	VH3	-0.86	TEH	TEC	14	COLD	600UL
		0.24	87	P2	TWD	12	VC3	-1.07	TEH	TEC	14	COLD	600UL
		0.23	76	P2	TWD	12	VC3	+0.82	TEH	TEC	14	COLD	600UL
		0.26	100	P2	TWD	14	VH2	+0.88	TEH	TEC	14	COLD	600UL
129	109	0.43	139	P2	TWD	20	10H	-1.05	TEH	TEC	10	COLD	600UL
130	48	0.35	68	P2	TWD	18	02C	-0.18	TEH	TEC	22	COLD	600UL
130	74	0.37	99	P2	TWD	19	10H	+0.96	TEH	TEC	17	COLD	600UL
130	78	0.30	93	P2	TWD	12	10H	-1.22	TEH	TEC	13	COLD	600UL
130	82	0.67	82	2	SAI		01H	-0.27	01H	01H	176	HOT	580PP
130	86	0.50	111	P2	TWD	20	VH1	+0.87	TEH	TEC	13	COLD	600UL
130	88	0.46	109	P2	TWD	22	VH1	-0.88	TEH	TEC	14	COLD	600UL
132	56	0.62	131	P2	TWD	26	VH1	-1.02	TEH	TEC	17	COLD	600UL
132	74	0.30	108	P3	TWD	14	DBH	+1.70	TEH	TEC	17	COLD	600UL
132	106	0.71	125	P2	TWD	26	10H	-1.09	TEH	TEC	15	COLD	600UL
133	55	0.28	75	P2	TWD	15	02H	+0.22	TEH	TEC	17	COLD	600UL
133	81	0.58	130	P2	TWD	23	VH1	+0.90	TEH	TEC	15	COLD	600UL
133	119	0.57	114	P2	TWD	24	VH1	+0.92	TEH	TEC	16	COLD	600UL
133	125	0.35	91	P2	TWD	17	01C	+0.88	TEH	TEC	16	COLD	600UL
134	64	0.31	98	P2	TWD	16	VH3	-0.90	TEH	TEC	18	COLD	600UL
		0.34	139	P2	TWD	17	VC3	-0.84	TEH	TEC	18	COLD	600UL
134	76	0.39	78	P2	TWD	18	VH1	-0.86	TEH	TEC	16	COLD	600UL
		0.28	11	P3	TWD	14	DBH	+2.19	TEH	TEC	16	COLD	600UL
134	80	0.29	6	P3	TWD	15	DBH	+2.04	TEH	TEC	16	COLD	600UL
134	124	0.23	119	P2	TWD	12	VC3	+0.65	01C	TEH	132	HOT	600UL
135	67	0.34	84	P3	TWD	16	DBH	-1.62	TEH	TEC	17	COLD	600UL
135	71	0.23	161	P3	TWD	14	DBH	-1.80	TEH	TEC	18	COLD	600UL
136	68	0.54	111	P2	TWD	24	VH1	-0.88	TEH	TEC	17	COLD	600UL
		0.33	95	P2	TWD	17	VH1	-1.13	TEH	TEC	17	COLD	600UL
136	76	0.27	9	P3	TWD	14	DBH	+1.85	TEH	TEC	16	COLD	600UL
136	78	0.23	123	P3	TWD	12	DBH	+1.79	TEH	TEC	16	COLD	600UL
		0.31	48	P2	TWD	15	VH1	+0.72	TEH	TEC	16	COLD	600UL
137	69	0.37	82	P2	TWD	19	VH1	+0.55	TEH	TEC	17	COLD	600UL
137	71	0.45	48	P3	TWD	19	DBH	-1.64	TEH	TEC	17	COLD	600UL
137	117	0.32	140	P3	TWD	16	DBH	+1.67	TEH	TEC	16	COLD	600UL
		0.40	115	P2	TWD	18	VH1	-0.82	TEH	TEC	16	COLD	600UL
138	58	0.44	69	P3	TWD	23	DBH	+1.87	TEH	TEC	18	COLD	600UL
138	64	0.27	101	P2	TWD	14	10H	+0.80	TEH	TEC	18	COLD	600UL
138	80	0.40	70	P2	TWD	18	VH1	-0.86	TEH	TEC	16	COLD	600UL
138	96	0.23	149	P3	TWD	12	DBC	+1.13	TEH	TEC	16	COLD	600UL
138	102	0.44	97	P2	TWD	20	VH1	-0.86	TEH	TEC	16	COLD	600UL
139	61	0.24	104	P2	TWD	13	09C	-1.09	TEH	TEC	18	COLD	600UL
139	65	0.31	95	P2	TWD	17	VH1	+0.88	TEH	TEC	17	COLD	600UL
139	103	0.62	138	P2	TWD	24	VH2	+0.84	TEH	TEC	15	COLD	600UL

Post U2C15 Inspection Final Report
MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%, PCS

QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	CAL #	LEG	PROBE
139	115	0.23	158	P3	TWD	12	DBH	+1.64	TEH	TEC	16	COLD	600UL
140	66	0.16	148	P3	TWD	8	DBH	+1.87	TEH	TEC	17	COLD	600UL
140	90	0.45	69	P2	TWD	20	VH1	-0.84	TEH	TEC	16	COLD	600UL
140	112	0.22	7	P3	TWD	12	DBC	+1.61	TEH	TEC	16	COLD	600UL
141	67	0.31	71	P2	TWD	16	09C	-1.07	TEH	TEC	18	COLD	600UL
141	83	0.24	136	P3	TWD	12	DBH	+1.80	TEH	TEC	16	COLD	600UL
141	89	0.37	114	P2	TWD	18	VH1	-0.66	TEH	TEC	16	COLD	600UL
141	103	0.23	31	P3	TWD	12	DBH	+2.02	TEH	TEC	16	COLD	600UL
		0.26	31	P2	TWD	13	VH3	-0.90	TEH	TEC	16	COLD	600UL
		0.26	83	P2	TWD	13	VH3	+0.88	TEH	TEC	16	COLD	600UL
141	109	0.54	88	P2	TWD	22	VH3	+0.00	TEH	TEC	15	COLD	600UL
142	72	0.56	92	P3	TWD	27	DBC	+2.05	TEH	TEC	18	COLD	600UL
142	92	0.51	106	P2	TWD	22	VH1	-0.88	TEH	TEC	16	COLD	600UL
143	71	0.74	105	P2	TWD	29	VH1	-0.86	TEH	TEC	18	COLD	600UL
		0.53	81	P2	TWD	24	VH1	+0.53	TEH	TEC	18	COLD	600UL
		0.45	126	P2	TWD	21	VH1	+0.86	TEH	TEC	18	COLD	600UL
		0.32	108	P2	TWD	16	VH2	-0.86	TEH	TEC	18	COLD	600UL
		0.57	108	P3	TWD	27	DBH	+2.17	TEH	TEC	18	COLD	600UL
143	75	0.30	151	P3	TWD	18	DBC	-1.68	TEH	TEC	18	COLD	600UL
143	81	0.28	75	P2	TWD	14	VC1	-0.78	TEH	TEC	16	COLD	600UL
143	85	0.24	99	P3	TWD	13	DBC	+1.32	TEH	TEC	16	COLD	600UL
143	87	0.34	131	P2	TWD	15	10C	+0.88	TEH	TEC	15	COLD	600UL
		0.59	61	P3	TWD	21	DBC	+1.87	TEH	TEC	15	COLD	600UL
		0.26	53	P3	TWD	8	DBC	-1.99	TEH	TEC	15	COLD	600UL
143	91	0.19	52	P3	TWD	11	DBH	+1.52	TEH	TEC	16	COLD	600UL
143	105	0.22	166	P3	TWD	12	DBH	+1.81	TEH	TEC	16	COLD	600UL
143	107	0.22	18	P3	TWD	12	DBH	-1.26	TEH	TEC	16	COLD	600UL
143	109	0.67	102	P3	TWD	27	DBC	-1.93	TEH	TEC	16	COLD	600UL
144	78	0.25	148	P2	TWD	13	VC1	+0.82	TEH	TEC	18	COLD	600UL
144	84	0.32	124	P3	TWD	13	DBC	-1.86	TEH	TEC	15	COLD	600UL
		0.19	17	P3	TWD	8	DBC	+1.89	TEH	TEC	15	COLD	600UL
144	90	0.19	95	P2	TWD	10	VH1	-0.98	TEH	TEC	16	COLD	600UL
144	102	0.26	71	P3	TWD	14	DBH	-1.64	TEH	TEC	16	COLD	600UL
145	77	0.15	150	P3	TWD	10	DBH	-1.80	TEH	TEC	18	COLD	600UL
145	89	0.27	147	P3	TWD	14	DBH	+1.91	TEH	TEC	16	COLD	600UL
		0.44	84	P2	TWD	20	VC2	+0.90	TEH	TEC	16	COLD	600UL
145	99	0.40	97	P3	TWD	19	DBH	+2.10	TEH	TEC	16	COLD	600UL
145	103	0.67	116	P3	TWD	27	DBH	+1.69	TEH	TEC	16	COLD	600UL
146	76	0.28	78	P3	TWD	17	DBH	+2.17	TEH	TEC	18	COLD	600UL
146	78	0.50	96	P3	TWD	25	DBH	+1.84	TEH	TEC	18	COLD	600UL
		0.42	144	P3	TWD	23	DBC	+1.67	TEH	TEC	18	COLD	600UL
		0.25	150	P3	TWD	15	DBC	-1.65	TEH	TEC	18	COLD	600UL
146	80	0.26	145	P3	TWD	16	DBC	+1.62	TEH	TEC	18	COLD	600UL
		0.32	24	P3	TWD	19	DBH	+1.88	TEH	TEC	18	COLD	600UL
146	88	0.51	55	P3	TWD	23	DBC	+1.64	TEH	TEC	16	COLD	600UL

Total Tubes : 492
Total Records: 624

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QUERY: QueryM1[2].qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL #	LEG	PROBE