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Docket No.: 50-315

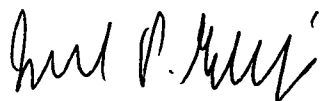
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Unit 1
2014 STEAM GENERATOR TUBE INSPECTION REPORT

Technical Specification (TS) 5.6.7 of Appendix A, to the Donald C. Cook Nuclear Plant (CNP) Unit 1 Operating License requires a report to be submitted within 180 days after initial entry into Mode 4 following the completion of an inspection performed in accordance with TS 5.5.7, Steam Generator (SG) Program. CNP Unit 1 entered Mode 4 on October 21, 2014. This report details specific attributes of the inspection in accordance with TS 5.6.7. Consistent with these requirements, Indiana Michigan Power Company, the licensee for CNP Unit 1, is submitting the Unit 1 2014 SG Tube Inspection Report as an enclosure to this letter.

There are no new regulatory commitments made in this submittal. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Manager, at (269) 466-2649.

Sincerely,



Joel P. Gebbie
Site Vice President

DB/amp

Enclosure: Unit 1 2014 Steam Generator Tube Inspection Report

c: A. W. Dietrich, NRC Washington DC
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A001
NRR

Enclosure to AEP-NRC-2015-01

Unit 1 2014 Steam Generator Tube Inspection Report

Introduction

In October of 2014, steam generator (SG) inservice inspections were conducted at the Donald C. Cook Nuclear Plant (CNP) Unit 1. Mode 4 was entered on October 21, 2014, and in accordance with the 180-day reporting requirements of CNP Technical Specification (TS) 5.6.7, the results of the inspection are provided herein.

Unit 1 SG Description

The four replacement Babcock & Wilcox Model 51R SGs were initially placed in service in December of 2000.

Each of the replacement SGs contains 3,496 thermally treated alloy 690 tubes with an outside diameter of 0.875 inches (") and a nominal wall thickness of 0.049". The tubes are arranged in a triangular pitch pattern of 85 rows and 107 columns.

The tube support structure consists of eight lattice grid assemblies and a like number of fan bar (also called flat bar) restraints. Each lattice grid consists of interlocking stainless steel (SA-240-410S-modified) high and low bars that form a lattice pattern to provide lateral restraint in the straight portion of the tubes. The fan bar restraints are made of the same stainless steel material and offer support in the U-bend area.

The tubesheet is a nominal 21.25" thick and is made of American Society of Mechanical Engineers SA-508 Class 3a low alloy steel forging material with Alloy 82 cladding on the primary side. The tubes are hydraulically expanded over the full depth of the tubesheet and flush seal welded at the primary face.

The Unit 1 SGs have accumulated 132.88 effective full power months of operation since being placed in service and 118.32 effective full power months of operation in the first sequential inspection period as defined in the CNP TS 5.5.7.d.2. The SGs operated 16.02 effective full power months since they were all last inspected.

The next planned inspection of these SGs will occur after two 18-month cycles of operation (fall 2017).

A. The scope of inspections performed on each SG**Primary Side Eddy Current Inspection Scope**

- A 100 percent (%) bobbin coil probe examination, covering the full tube length of all in-service tubes, was completed in all four SGs.
- A hot and cold leg periphery and no tube lane examination, extending +/- 3" from secondary face of the tubesheet, was completed in all four SGs with a rotating coil probe.
- All confirmed but not removed foreign objects from the previous inspection at the tubesheet secondary face were examined with a rotating coil probe.
- All 48 tubes with inner diameter scratches in the expanded region (originating from manufacturing), from the tube end to the tubesheet secondary face + 3" were examined with a rotating coil probe.
- Special interest rotating coil probe examinations were performed in each SG. These inspections included:
 - › All bobbin indication codes i.e. I-codes
 - › All wear indications $\geq 30\%$ through-wall (TW)
 - › All bobbin ding indications ≥ 2 volts
 - › All proximity indications
 - › All bobbin possible loose part indications and bounding neighbor tubes
- With the exception of three foreign objects that were inadvertently omitted from the inspection plan, bounding of new foreign objects identified by foreign object search and retrieval efforts was performed with a rotating coil probe. Engineering evaluations consistent with the below noted Electric Power Research Institute (EPRI) reports and bobbin coil inspection data which identified no foreign object related tube wear, were used to validate that the omitted items posed no threat to tube integrity during the planned operating interval. This issue was captured in the Corrective Action Program.
 - › EPRI Technical Report 1014981, Steam Generator Foreign Object Handbook, October 2007
 - › EPRI Technical Report 1011798, Wear Predictions of Foreign Objects in Steam Generator, December 2005
 - › EPRI Technical Report 1020989, Foreign Object Prioritization Strategy for Triangular Pitch Steam Generators, July 2010

The following table provides the applicable tube or location counts for the above inspections:

EDDY CURRENT EXAMINATION SUMMARY

Base Inspection	Probe	SG 11 Tube Count	SG 12 Tube Count	SG 13 Tube Count	SG 14 Tube Count
Full Length	Bobbin	3,486	3,495	3,463	3,488
Hot Leg (HL) Top of Tubesheet	Rotating	875	875	836	884
Cold Leg (CL) Top of Tubesheet	Rotating	886	887	839	884

Special Interest	Probe	SG 11	SG 12	SG 13	SG 14
Historical Foreign Objects & Bounding Tubes	Rotating	16 tubes	28 tubes	63 tubes	27 tubes
Tubes with ID Scoring from Manufacturing (HL & CL)	Rotating	N/A	N/A	48 tubes	N/A
Bobbin Coil Diagnostic	Rotating	37 locations	21 locations	14 locations	11 locations
Possible Loose Parts Expansion	Rotating	1 tube	0	2 tubes	0

In addition to the tubing examinations, the following related activities were also performed:

- Visual Plug Examination - 100% of the installed tube plugs were visually examined to confirm plug location and condition. No abnormal conditions were identified during this examination.
- Visual Channelhead Examination - Remote visual inspections were performed in each of the hot and cold leg channel heads to monitor the integrity of the divider plate and divider plate attachment welds, tubesheet/bowl cladding and the nozzle dam rings. No abnormal conditions were identified during this examination.
- Secondary Side Inspections at Top of Tubesheet - Visual inspections were completed on each SG at the top of the tubesheet. Areas examined included 100% of the annulus region (5 tubes deep), 100% of the no-tube lane (5 tubes deep), blowdown and drain holes, shroud supports and general inspection of tube support structures. The inspection identified some foreign material (which resulted in foreign object search and retrieval operations - discussed below) and sludge deposits but no unexpected conditions.

- Steam Drum and Upper Internals Inspection – Visual inspections were completed in SG 14. Areas examined included:
 - › Upper internals inspection: separators, structural welds, etc.
 - › Upper bundle inspection: tube bundle, support structures, structural components
 - › Feed ring inspection: nozzle impingement on shell area and selected J-tubes

No abnormal conditions were identified.

- Foreign object search and retrieval efforts were performed in all SGs. All foreign objects that were observed visually were assessed based on guidance from the following industry documents:
 - › EPRI Technical Report 1014981, Steam Generator Foreign Object Handbook, October 2007
 - › EPRI Technical Report 1011798, Wear Predictions of Foreign Objects in Steam Generator, December 2005
 - › EPRI Technical Report 1020989, Foreign Object Prioritization Strategy for Triangular Pitch Steam Generators, July 2010

Objects were classified per the above guidance into three categories according to tube integrity risk (priority 1 - high, priority 2 – medium, and priority 3 - low). Of major concern were the priority 1 items where industry experience and/or analysis indicated that the foreign object may cause tube wear to exceed 40% TW in less than one or two operating cycles. A total of seven locations were classified as high risk and all of the associated objects were removed.

An additional 37 locations among the four SGs were classified as priority 2 or priority 3. Priority 2 pertains to objects where experience and/or analysis indicates that the foreign object will not cause tube wear to exceed 40% TW over the tube inspection interval; however it could result in long-term performance issues. Priority 3 refers to objects where experience indicates the foreign object will not cause significant tube wear and no effort is required for removal of these objects during the current outage. Of these parts, 10 were proactively removed.

B. Degradation mechanisms found

The only degradation mechanism detected during the inspection was wear. The source of the degradation was support structures (fan bars and lattice grids).

The table below summarizes the number of wear indications recorded in each SG during the inspection for the various mechanisms. The specific indications and their associated % TW depths are listed in the attachments to Section D of this report.

INDICATION COUNT

Wear Mechanism	SG 11	SG 12	SG 13	SG 14	Totals
Fan Bar	716	483	432	832	2,463
Lattice Grid	16	29	38	21	104

Fan Bar Wear

The number of new fan bar wear indications showed a significant decrease over previous examinations. A total of 203 new indications were identified during the inspection. In comparison, the 2013 examination reported 453 indications and the 2011 examination identified 2,013 indications. The maximum depth of fan bar wear reported was 38% TW. The following tables summarize the overall fan bar wear depths and growth rates recorded:

FAN BAR WEAR

Tubes/Indications

Depth	SG 11	SG 12	SG 13	SG 14
<20%TW	225/609	155/392	174/395	295/776
≥20%TW	55/107	43/91	22/37	38/56
≥40%TW	0/0	0/0	0/0	0/0

FAN BAR WEAR GROWTH RATES

% TW per Effective Full Power Year

Depth	SG 11	SG 12	SG 13	SG 14
Max Growth	6.75	7.50	6.75	6.00
95% Growth	5.25	4.50	4.50	3.00
Mean Growth	1.80	1.72	1.32	0.90

None of the fan bar indications exceeded the TS plugging limit (40% TW) or the condition monitoring limit. A total of 45 tubes were plugged for fan bar wear based on a repair limit of $\geq 29\%$ TW.

Lattice Grid Wear

The number of new lattice grid wear indications showed a slight decrease over the previous examination. In total, 31 new indications were identified in the 2014 inspection. In the previous (2013) examination, 45 new lattice grid indications were reported. The maximum depth of lattice grid wear was 18% TW. The following tables summarize the overall lattice grid wear depths and growth rates recorded:

LATTICE GRID WEAR
Tubes/Indications

Depth	SG 11	SG 12	SG 13	SG 14
<20%TW	16/16	26/29	29/38	21/21
$\geq 20\%$ TW	0/0	0/0	0/0	0/0

LATTICE GRID WEAR
Percent Through-Wall per Effective Full Power Year

Depth	SG 11	SG 12	SG 13	SG 14
Max Growth	2.25	3.00	3.00	1.50
95% Growth	2.25	1.58	2.25	0.94
Mean Growth	0.24	0.53	0.79	0.00

None of the lattice grid indications exceeded the TS plugging limit (40% TW) or the condition monitoring limit. No tubes were plugged for lattice grid wear.

C. Nondestructive examination techniques utilized for each degradation mechanism

The only degradation mechanism detected was tube wear at supports (fan bar and lattice grid).

EPRI Examination Technique Specification Sheet (ETSS) 96004.1 (Revision 13) was used in conjunction with the bobbin probe for detection and sizing of the wear.

Wear scars with depths $\geq 30\%$ TW were confirmed by rotating coil based on EPRI +Point™ ETSS 10908.4 (Revision 1) and scar lengths for those indications were determined.

D. Location, orientation (if linear), and measured sizes (if available) of service induced indications

Please refer to the following attachments for the inspection records of service induced indications. Note that % TW is indicated in the attachments by the "PER" data column.

Fan Bar Service Induced Indications

Attachment 1: SG 11 PCT >0% at Fan Bars

Attachment 2: SG 12 PCT >0% at Fan Bars

Attachment 3: SG 13 PCT >0% at Fan Bars

Attachment 4: SG 14 PCT >0% at Fan Bars

Lattice Grid Service Induced Indications

Attachment 5: SG 11 PCT >0% in CL and HL Straights

Attachment 6: SG 12 PCT >0% in CL and HL Straights

Attachment 7: SG 13 PCT >0% in CL and HL Straights

Attachment 8: SG 14 PCT >0% in CL and HL Straights

E. Number of tubes plugged during the inspection outage for each degradation mechanism

During the inspection, a total of 46 tubes were plugged, one of which was also stabilized. The table below provides the distribution of the tubes removed from service during the 2014 inspection based on the associated damage mechanism. "Foreign Object Bounding" refers to one tube in SG 13 that was removed from service and also stabilized due to a new possible loose part indication associated with a previously bounded non-retrievable legacy part.

TUBES PLUGGED BY DEGRADATION MECHANISM

SG Identifier	Support Structure (Fan Bar) Wear	Support Structure (Lattice Grid) Wear	Foreign Object Related Wear	Foreign Object Bounding	Totals
SG 11	21	0	0	0	21
SG 12	11	0	0	0	11
SG 13	6	0	0	1	7
SG 14	7	0	0	0	7

The following table provides details on the specific tubes removed from service:

TUBES REMOVED FROM SERVICE

SG	Row	Column	Reason*
11	66	46	Fan bar wear indication of 29% TW
11	68	44	Fan bar wear indication of 29% TW
11	68	54	Fan bar wear indication of 30% TW
11	74	60	Fan bar wear indication of 34% TW
11	75	49	Fan bar wear indication of 33% TW
11	76	44	Fan bar wear indication of 32% TW
11	76	46	Fan bar wear indication of 33% TW
11	77	55	Fan bar wear indication of 35% TW
11	77	63	Fan bar wear indication of 34% TW
11	78	46	Fan bar wear indication of 29% TW
11	78	62	Fan bar wear indication of 38% TW
11	79	51	Fan bar wear indication of 29% TW
11	79	59	Fan bar wear indication of 33% TW
11	79	61	Fan bar wear indication of 30% TW
11	80	42	Fan bar wear indication of 35% TW
11	80	48	Fan bar wear indication of 36% TW
11	81	57	Fan bar wear indication of 29% TW
11	81	63	Fan bar wear indication of 36% TW
11	82	46	Fan bar wear indication of 37% TW
11	82	50	Fan bar wear indication of 35% TW
11	82	52	Fan bar wear indication of 32% TW
12	64	56	Fan bar wear indication of 31% TW
12	67	61	Fan bar wear indication of 34% TW
12	69	53	Fan bar wear indication of 30% TW
12	70	54	Fan bar wear indication of 30% TW
12	70	64	Fan bar wear indication of 30% TW
12	72	52	Fan bar wear indication of 33% TW
12	76	64	Fan bar wear indication of 37% TW
12	77	43	Fan bar wear indication of 36% TW
12	77	67	Fan bar wear indication of 34% TW
12	78	44	Fan bar wear indication of 36% TW
12	79	61	Fan bar wear indication of 33% TW
13	57	17	Possible loose part @ top of HL tubesheet (stabilized)
13	65	55	Fan bar wear indication of 29% TW
13	70	54	Fan bar wear indication of 34% TW
13	70	64	Fan bar wear indication of 30% TW
13	72	58	Fan bar wear indication of 30% TW
13	78	60	Fan bar wear indication of 30% TW
13	79	65	Fan bar wear indication of 32% TW
14	73	57	Fan bar wear indication of 29 % TW
14	74	52	Fan bar wear indication of 31 % TW

14	74	68	Fan bar wear indication of 29% TW
14	76	50	Fan bar wear indication of 31% TW
14	76	52	Fan bar wear indication of 31% TW
14	77	65	Fan bar wear indication of 32% TW
14	80	58	Fan bar wear indication of 30% TW

* All tubes with fan bar indications had multiple indications. Only the largest indication is listed.

F. The number and percentage of tubes plugged to date, and the effective plugging percentage in each SG

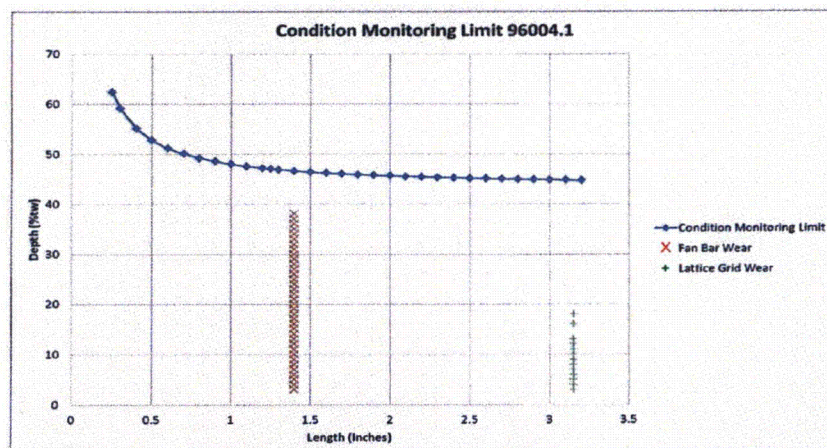
The following table identifies the current total number/percentage of tubes plugged for each SG:

SG Identifier	Number of Tubes/SG	Number of Plugged Tubes	Effective Plugging Percentage (%)
SG 11	3,496	31	0.89
SG 12	3,496	12	0.34
SG 13	3,496	40	1.14
SG 14	3,496	15	0.43
Total	13,984	98	0.70

G. The results of condition monitoring, including the results of tube pulls and in-situ testing

Evaluation of the indications found during the 2014 inspection indicated that the condition monitoring requirements for structural and leakage integrity were satisfied. As noted in the figure below, no degradation exceeded the technical specification plugging limit of 40% TW or the condition monitoring limit. No detectable primary-to-secondary leakage was detected during the cycle leading up to the inspection. No in-situ pressure testing was required during the outage and no tube pulls were performed.

**FAN BAR/LATTICE GRID WEAR
CONDITION MONITORING LIMIT**



**Attachment 1 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Fan Bar Service Induced Indications

SG 11 PCT>0% at Fan Bars



SG11 PCT > 0% Fan Bars

UTILITY:	AEP	DATE:	Dec 12 2014 14:45:19
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 11	DATABASE:	DCC_SG11_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Bobbin	BOBBIN	720UL	INLET
(H-3)-SI	HL Special Interest	MRPC	720PP	INLET
(H-4)-SI	UB Special Interest	MRPC	680PP	INLET
(H-5)	H/L Low Row Ubend (Rows 1- 2)	BOBBIN	700UC	INLET
(H-6)	H/L To Be Plugged	BOBBIN	720UL	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	C/L To Be Plugged	BOBBIN	720UL	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08H TO 08C
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL
ANALYSTS	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
38	54	0.10	71	5		PCT P2	FB4	0.02		TEC	TEH			SG11HCAL00013	720UL
41	45	0.16	98	7		PCT P2	FB4	-1.21		TEC	TEH			SG11HCAL00015	720UL
45	63	0.15	132	6		PCT P2	FB4	-1.12		TEC	TEH			SG11HCAL00014	720UL
45	65	0.12	60	6		PCT P2	FB4	-1.12		TEC	TEH			SG11HCAL00013	720UL
46	66	0.14	61	6		PCT P2	FB4	-1.28		TEC	TEH			SG11HCAL00017	720UL
50	54	0.10	90	4		PCT P2	FB5	-0.02		TEC	TEH			SG11HCAL00014	720UL
52	52	0.11	139	6		PCT P2	FB4	0.62		TEC	TEH			SG11HCAL00018	720UL
52	60	0.46	126	17		PCT P2	FB3	-1.98		TEC	TEH			SG11HCAL00013	720UL
53	47	0.12	120	6		PCT P2	FB4	1.05		TEC	TEH			SG11HCAL00013	720UL
		0.17	107	7		PCT P2	FB3	1.66		TEC	TEH			SG11HCAL00013	720UL
53	49	0.17	118	8		PCT P2	FB5	-1.10		TEC	TEH			SG11HCAL00013	720UL
		0.25	109	10		PCT P2	FB4	1.01		TEC	TEH			SG11HCAL00013	720UL
54	56	0.08	85	4		PCT P2	FB6	-1.42		TEC	TEH			SG11HCAL00013	720UL
		0.11	99	5		PCT P2	FB4	-1.16		TEC	TEH			SG11HCAL00013	720UL
		0.13	91	6		PCT P2	FB5	-1.14		TEC	TEH			SG11HCAL00013	720UL
		0.14	98	6		PCT P2	FB5	1.16		TEC	TEH			SG11HCAL00013	720UL
		0.16	66	7		PCT P2	FB4	1.14		TEC	TEH			SG11HCAL00013	720UL
55	45	0.14	114	7		PCT P2	FB4	1.07		TEC	TEH			SG11HCAL00015	720UL
57	47	0.09	136	4		PCT P2	FB2	-2.48		TEC	TEH			SG11HCAL00013	720UL
57	51	0.13	101	5		PCT P2	FB5	1.18		TEC	TEH			SG11HCAL00014	720UL
58	42	0.13	105	6		PCT P2	FB4	-1.21		TEC	TEH			SG11HCAL00015	720UL
58	48	0.11	81	5		PCT P2	FB3	-1.17		TEC	TEH			SG11HCAL00013	720UL
		0.13	129	6		PCT P2	FB7	2.15		TEC	TEH			SG11HCAL00013	720UL
		0.21	113	9		PCT P2	FB4	-1.10		TEC	TEH			SG11HCAL00013	720UL
58	52	0.11	114	5		PCT P2	FB4	-1.14		TEC	TEH			SG11HCAL00013	720UL
58	72	0.11	108	5		PCT P2	FB4	-1.17		TEC	TEH			SG11HCAL00019	720UL
59	47	0.13	118	5		PCT P2	FB3	1.37		TEC	TEH			SG11HCAL00014	720UL
59	51	0.12	50	5		PCT P2	FB5	1.16		TEC	TEH			SG11HCAL00014	720UL
59	57	0.16	99	7		PCT P2	FB6	1.31		TEC	TEH			SG11HCAL00013	720UL
		0.18	99	8		PCT P2	FB5	1.07		TEC	TEH			SG11HCAL00013	720UL
		0.26	107	11		PCT P2	FB4	1.07		TEC	TEH			SG11HCAL00013	720UL
59	59	0.15	123	7		PCT P2	FB5	-1.17		TEC	TEH			SG11HCAL00017	720UL
59	61	0.13	144	6		PCT P2	FB5	1.09		TEC	TEH			SG11HCAL00018	720UL
		0.14	153	7		PCT P2	FB4	1.16		TEC	TEH			SG11HCAL00018	720UL
59	67	0.13	110	6		PCT P2	FB4	1.03		TEC	TEH			SG11HCAL00017	720UL
59	69	0.13	133	6		PCT P2	FB3	1.35		TEC	TEH			SG11HCAL00018	720UL
		0.14	156	7		PCT P2	FB5	-1.26		TEC	TEH			SG11HCAL00018	720UL
		0.35	130	15		PCT P2	FB4	1.07		TEC	TEH			SG11HCAL00018	720UL

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ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
60	54	0.17 95	7	PCT	P2	FB6	-0.02		TEC	TEH					SG11HCAL00005 720UL
		0.43 118	15	PCT	P2	FB5	-0.02		TEC	TEH					SG11HCAL00005 720UL
		0.53 112	18	PCT	P2	FB4	-0.05		TEC	TEH					SG11HCAL00005 720UL
60	56	0.10 114	4	PCT	P2	FB4	1.31		TEC	TEH					SG11HCAL00005 720UL
		0.10 119	4	PCT	P2	FB6	-1.24		TEC	TEH					SG11HCAL00005 720UL
		0.10 135	4	PCT	P2	FB5	-1.10		TEC	TEH					SG11HCAL00005 720UL
		0.13 116	5	PCT	P2	FB6	1.12		TEC	TEH					SG11HCAL00005 720UL
		0.21 119	9	PCT	P2	FB4	-1.22		TEC	TEH					SG11HCAL00005 720UL
		0.22 115	9	PCT	P2	FB3	-1.26		TEC	TEH					SG11HCAL00005 720UL
		0.42 130	15	PCT	P2	FB5	1.03		TEC	TEH					SG11HCAL00005 720UL
60	58	0.15 122	6	PCT	P2	FB1	-1.99		TEC	TEH					SG11HCAL00005 720UL
60	62	0.15 117	6	PCT	P2	FB4	-1.21		TEC	TEH					SG11HCAL00003 720UL
61	53	0.12 109	5	PCT	P2	FB5	1.05		TEC	TEH					SG11HCAL00005 720UL
		0.22 70	9	PCT	P2	FB4	0.96		TEC	TEH					SG11HCAL00005 720UL
61	55	0.12 118	5	PCT	P2	FB6	1.66		TEC	TEH					SG11HCAL00005 720UL
61	57	0.10 59	4	PCT	P2	FB6	-1.22		TEC	TEH					SG11HCAL00005 720UL
		0.10 68	5	PCT	P2	FB5	1.17		TEC	TEH					SG11HCAL00005 720UL
		0.13 111	5	PCT	P2	FB4	-1.19		TEC	TEH					SG11HCAL00005 720UL
61	61	0.10 140	5	PCT	P2	FB3	-1.17		TEC	TEH					SG11HCAL00003 720UL
		0.16 114	7	PCT	P2	FB3	1.45		TEC	TEH					SG11HCAL00003 720UL
		0.19 100	8	PCT	P2	FB6	-1.24		TEC	TEH					SG11HCAL00003 720UL
		0.21 103	9	PCT	P2	FB4	-1.19		TEC	TEH					SG11HCAL00003 720UL
		0.25 111	10	PCT	P2	FB5	1.12		TEC	TEH					SG11HCAL00003 720UL
		0.31 125	12	PCT	P2	FB5	-1.14		TEC	TEH					SG11HCAL00003 720UL
		0.59 124	19	PCT	P2	FB4	1.19		TEC	TEH					SG11HCAL00003 720UL
61	63	0.11 111	5	PCT	P2	FB4	-1.19		TEC	TEH					SG11HCAL00003 720UL
61	79	0.06 58	3	PCT	P2	FB4	0.94		TEC	TEH					SG11HCAL00001 720UL
62	42	0.19 104	8	PCT	P2	FB5	1.17		TEC	TEH					SG11HCAL00007 720UL
		0.23 130	10	PCT	P2	FB4	-1.07		TEC	TEH					SG11HCAL00007 720UL
62	44	0.11 159	5	PCT	P2	FB5	1.07		TEC	TEH					SG11HCAL00005 720UL
		0.14 90	6	PCT	P2	FB3	-1.21		TEC	TEH					SG11HCAL00005 720UL
		0.23 115	9	PCT	P2	FB4	-1.10		TEC	TEH					SG11HCAL00005 720UL
62	48	0.14 110	6	PCT	P2	FB3	-1.19		TEC	TEH					SG11HCAL00005 720UL
		0.16 104	7	PCT	P2	FB5	-1.15		TEC	TEH					SG11HCAL00005 720UL
		0.19 129	8	PCT	P2	FB5	1.19		TEC	TEH					SG11HCAL00005 720UL
		0.26 128	10	PCT	P2	FB4	-1.19		TEC	TEH					SG11HCAL00005 720UL
62	54	0.09 90	4	PCT	P2	FB6	0.02		TEC	TEH					SG11HCAL00006 720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.13	87	6		PCT	P2	FB5	0.00	TEC	TEH			SG11HCAL00006	720UL
		0.17	128	8		PCT	P2	FB4	0.00	TEC	TEH			SG11HCAL00006	720UL
62	56	0.08	90	4		PCT	P2	FB4	-1.15	TEC	TEH			SG11HCAL00005	720UL
		0.13	111	6		PCT	P2	FB3	-1.26	TEC	TEH			SG11HCAL00005	720UL
		0.24	124	10		PCT	P2	FB5	1.17	TEC	TEH			SG11HCAL00005	720UL
		0.26	133	10		PCT	P2	FB4	1.12	TEC	TEH			SG11HCAL00005	720UL
		0.29	127	11		PCT	P2	FB5	-1.05	TEC	TEH			SG11HCAL00005	720UL
		0.35	113	13		PCT	P2	FB6	-1.19	TEC	TEH			SG11HCAL00005	720UL
62	60	0.22	105	9		PCT	P2	FB5	-1.12	TEC	TEH			SG11HCAL00003	720UL
62	68	0.11	121	5		PCT	P2	FB4	1.44	TEC	TEH			SG11HCAL00003	720UL
63	45	0.16	90	7		PCT	P2	FB3	1.36	TEC	TEH			SG11HCAL00005	720UL
		0.32	100	12		PCT	P2	FB4	1.07	TEC	TEH			SG11HCAL00005	720UL
63	53	0.10	144	5		PCT	P2	FB5	-1.10	TEC	TEH			SG11HCAL00005	720UL
		0.39	102	14		PCT	P2	FB4	-1.29	TEC	TEH			SG11HCAL00005	720UL
63	69	0.15	121	6		PCT	P2	FB4	1.11	TEC	TEH			SG11HCAL00003	720UL
64	46	0.11	131	5		PCT	P2	FB4	-1.15	TEC	TEH			SG11HCAL00006	720UL
		0.13	89	6		PCT	P2	FB5	1.10	TEC	TEH			SG11HCAL00006	720UL
64	50	0.12	144	5		PCT	P2	FB4	-1.17	TEC	TEH			SG11HCAL00005	720UL
		0.28	93	11		PCT	P2	FB5	1.05	TEC	TEH			SG11HCAL00005	720UL
64	52	0.11	112	5		PCT	P2	FB4	-1.16	TEC	TEH			SG11HCAL00006	720UL
64	54	0.07	136	4		PCT	P2	FB5	-0.02	TEC	TEH			SG11HCAL00006	720UL
64	60	0.14	86	6		PCT	P2	FB5	1.20	TEC	TEH			SG11HCAL00003	720UL
64	66	0.12	133	5		PCT	P2	FB5	1.17	TEC	TEH			SG11HCAL00004	720UL
		0.13	137	6		PCT	P2	FB5	-1.17	TEC	TEH			SG11HCAL00004	720UL
		0.24	119	10		PCT	P2	FB4	1.17	TEC	TEH			SG11HCAL00004	720UL
64	68	0.10	72	5		PCT	P2	FB5	1.15	TEC	TEH			SG11HCAL00003	720UL
65	45	0.17	129	8		PCT	P2	FB4	-1.20	TEC	TEH			SG11HCAL00006	720UL
		0.29	137	12		PCT	P2	FB3	1.27	TEC	TEH			SG11HCAL00006	720UL
		0.38	124	15		PCT	P2	FB6	-1.25	TEC	TEH			SG11HCAL00006	720UL
		0.41	116	16		PCT	P2	FB5	-1.15	TEC	TEH			SG11HCAL00006	720UL
		0.53	116	19		PCT	P2	FB4	1.10	TEC	TEH			SG11HCAL00006	720UL
65	49	0.15	135	7		PCT	P2	FB3	1.29	TEC	TEH			SG11HCAL00005	720UL
		0.18	143	8		PCT	P2	FB5	1.12	TEC	TEH			SG11HCAL00005	720UL
		0.19	111	8		PCT	P2	FB6	1.10	TEC	TEH			SG11HCAL00005	720UL
		0.19	121	8		PCT	P2	FB5	-1.12	TEC	TEH			SG11HCAL00005	720UL
		0.49	114	17		PCT	P2	FB4	1.03	TEC	TEH			SG11HCAL00005	720UL
65	51	0.14	138	6		PCT	P2	FB3	1.31	TEC	TEH			SG11HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.15	112	7		PCT P2	FB4	1.03		TEC	TEH			SG11HCAL00005	720UL
		0.30	118	12		PCT P2	FB5	1.10		TEC	TEH			SG11HCAL00005	720UL
		0.34	118	13		PCT P2	FB6	1.12		TEC	TEH			SG11HCAL00005	720UL
65	55	0.10	134	5		PCT P2	FB5	1.08		TEC	TEH			SG11HCAL00006	720UL
65	57	0.11	53	5		PCT P2	FB5	1.24		TEC	TEH			SG11HCAL00005	720UL
		0.16	113	7		PCT P2	FB6	-1.15		TEC	TEH			SG11HCAL00005	720UL
		0.18	85	8		PCT P2	FB3	-1.29		TEC	TEH			SG11HCAL00005	720UL
		0.28	134	11		PCT P2	FB6	1.10		TEC	TEH			SG11HCAL00005	720UL
		0.44	124	16		PCT P2	FB4	-1.17		TEC	TEH			SG11HCAL00005	720UL
		0.55	123	18		PCT P2	FB4	1.15		TEC	TEH			SG11HCAL00005	720UL
		0.86	120	24		PCT P2	FB5	-1.12		TEC	TEH			SG11HCAL00005	720UL
65	59	0.17	109	7		PCT P2	FB3	1.43		TEC	TEH			SG11HCAL00005	720UL
		0.18	109	8		PCT P2	FB5	-1.10		TEC	TEH			SG11HCAL00005	720UL
		0.26	130	10		PCT P2	FB6	-1.24		TEC	TEH			SG11HCAL00005	720UL
		0.54	129	18		PCT P2	FB4	1.10		TEC	TEH			SG11HCAL00005	720UL
65	61	0.20	139	8		PCT P2	FB5	1.12		TEC	TEH			SG11HCAL00033	720UL
		0.25	101	10		PCT P2	FB4	-1.21		TEC	TEH			SG11HCAL00033	720UL
		0.42	130	14		PCT P2	FB5	-1.23		TEC	TEH			SG11HCAL00033	720UL
		0.45	122	15		PCT P2	FB6	-1.37		TEC	TEH			SG11HCAL00033	720UL
		0.53	121	17		PCT P2	FB4	1.12		TEC	TEH			SG11HCAL00033	720UL
		0.60	123	19		PCT P2	FB3	1.25		TEC	TEH			SG11HCAL00033	720UL
65	63	0.12	126	5		PCT P2	FB3	1.36		TEC	TEH			SG11HCAL00005	720UL
		0.24	115	10		PCT P2	FB6	1.08		TEC	TEH			SG11HCAL00005	720UL
		0.28	117	11		PCT P2	FB5	1.13		TEC	TEH			SG11HCAL00005	720UL
65	65	0.10	103	5		PCT P2	FB3	1.38		TEC	TEH			SG11HCAL00003	720UL
		0.16	96	7		PCT P2	FB5	-1.23		TEC	TEH			SG11HCAL00003	720UL
		0.22	129	9		PCT P2	FB4	1.07		TEC	TEH			SG11HCAL00003	720UL
65	67	0.09	86	4		PCT P2	FB5	1.08		TEC	TEH			SG11HCAL00004	720UL
		0.11	132	5		PCT P2	FB4	1.18		TEC	TEH			SG11HCAL00004	720UL
		0.13	98	6		PCT P2	FB3	1.49		TEC	TEH			SG11HCAL00004	720UL
65	69	0.09	109	4		PCT P2	FB7	-0.75		TEC	TEH			SG11HCAL00003	720UL
66	38	0.14	107	6		PCT P2	FB3	-1.33		TEC	TEH			SG11HCAL00007	720UL
66	46	0.14	105	7		PCT P2	FB5	-1.23		TEC	TEH			SG11HCAL00006	720UL
		0.24	119	10		PCT P2	FB6	1.30		TEC	TEH			SG11HCAL00006	720UL
		0.25	129	11		PCT P2	FB3	-1.30		TEC	TEH			SG11HCAL00006	720UL
		0.32	108	13		PCT P2	FB4	1.13		TEC	TEH			SG11HCAL00006	720UL
		0.42	124	16		PCT P2	FB4	-1.20		TEC	TEH			SG11HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		1.12	119	29		PCT	P2	FB5	1.13		TEC	TEH		SG11HCAL00006	720UL
66	48	0.11	100	5		PCT	P2	FB3	-1.54		TEC	TEH		SG11HCAL00006	720UL
		0.17	100	8		PCT	P2	FB5	1.03		TEC	TEH		SG11HCAL00006	720UL
		0.21	116	9		PCT	P2	FB4	-1.20		TEC	TEH		SG11HCAL00006	720UL
66	50	0.14	85	7		PCT	P2	FB4	1.13		TEC	TEH		SG11HCAL00006	720UL
66	52	0.14	87	7		PCT	P2	FB4	1.03		TEC	TEH		SG11HCAL00006	720UL
		0.26	128	11		PCT	P2	FB6	-1.17		TEC	TEH		SG11HCAL00006	720UL
		0.40	103	15		PCT	P2	FB5	-1.05		TEC	TEH		SG11HCAL00006	720UL
66	54	0.18	87	7		PCT	P2	FB3	-0.05		TEC	TEH		SG11HCAL00005	720UL
		0.35	128	13		PCT	P2	FB6	-0.02		TEC	TEH		SG11HCAL00005	720UL
		0.86	124	25		PCT	P2	FB5	0.00		TEC	TEH		SG11HCAL00005	720UL
		1.05	121	27		PCT	P2	FB4	0.00		TEC	TEH		SG11HCAL00005	720UL
66	56	0.19	91	8		PCT	P2	FB7	1.31		TEC	TEH		SG11HCAL00005	720UL
		0.19	119	8		PCT	P2	FB4	1.03		TEC	TEH		SG11HCAL00005	720UL
		0.23	109	9		PCT	P2	FB3	1.07		TEC	TEH		SG11HCAL00005	720UL
		0.23	134	9		PCT	P2	FB5	1.12		TEC	TEH		SG11HCAL00005	720UL
		0.26	128	10		PCT	P2	FB5	-1.07		TEC	TEH		SG11HCAL00005	720UL
66	58	0.12	121	6		PCT	P2	FB4	-1.18		TEC	TEH		SG11HCAL00006	720UL
		0.14	124	6		PCT	P2	FB5	1.11		TEC	TEH		SG11HCAL00006	720UL
		0.17	119	8		PCT	P2	FB3	-1.28		TEC	TEH		SG11HCAL00006	720UL
		0.18	104	8		PCT	P2	FB5	-1.16		TEC	TEH		SG11HCAL00006	720UL
		0.20	133	9		PCT	P2	FB6	1.09		TEC	TEH		SG11HCAL00006	720UL
		0.38	121	15		PCT	P2	FB4	1.01		TEC	TEH		SG11HCAL00006	720UL
66	60	0.09	96	4		PCT	P2	FB5	1.05		TEC	TEH		SG11HCAL00004	720UL
		0.09	118	4		PCT	P2	FB5	-1.08		TEC	TEH		SG11HCAL00004	720UL
66	62	0.26	129	10		PCT	P2	FB6	1.15		TEC	TEH		SG11HCAL00005	720UL
		0.49	127	17		PCT	P2	FB3	-1.27		TEC	TEH		SG11HCAL00005	720UL
		0.64	124	20		PCT	P2	FB5	1.08		TEC	TEH		SG11HCAL00005	720UL
		0.77	127	23		PCT	P2	FB4	-1.22		TEC	TEH		SG11HCAL00005	720UL
66	64	0.24	121	10		PCT	P2	FB6	1.20		TEC	TEH		SG11HCAL00004	720UL
		0.25	115	10		PCT	P2	FB4	-1.22		TEC	TEH		SG11HCAL00004	720UL
		0.25	124	10		PCT	P2	FB5	1.15		TEC	TEH		SG11HCAL00004	720UL
66	66	0.11	100	5		PCT	P2	FB5	1.10		TEC	TEH		SG11HCAL00004	720UL
		0.23	129	9		PCT	P2	FB4	-1.20		TEC	TEH		SG11HCAL00004	720UL
66	72	0.10	134	5		PCT	P2	FB4	-1.08		TEC	TEH		SG11HCAL00004	720UL
67	43	0.17	122	7		PCT	P2	FB4	1.24		TEC	TEH		SG11HCAL00007	720UL
67	45	0.18	93	8		PCT	P2	FB4	1.05		TEC	TEH		SG11HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.18	106	8		PCT	P2	FB3	-1.25	TEC	TEH				SG11HCAL00006 720UL
		0.19	98	8		PCT	P2	FB5	-1.13	TEC	TEH				SG11HCAL00006 720UL
		0.23	124	10		PCT	P2	FB6	-1.25	TEC	TEH				SG11HCAL00006 720UL
67	47	0.13	147	5		PCT	P2	FB4	1.10	TEC	TEH				SG11HCAL00005 720UL
67	49	0.15	99	7		PCT	P2	FB5	-1.05	TEC	TEH				SG11HCAL00006 720UL
67	51	0.14	133	7		PCT	P2	FB4	1.01	TEC	TEH				SG11HCAL00006 720UL
67	53	0.11	134	5		PCT	P2	FB7	-1.62	TEC	TEH				SG11HCAL00006 720UL
67	55	0.11	90	5		PCT	P2	FB5	-1.15	TEC	TEH				SG11HCAL00005 720UL
		0.15	97	6		PCT	P2	FB6	-1.10	TEC	TEH				SG11HCAL00005 720UL
		0.20	99	8		PCT	P2	FB4	-1.15	TEC	TEH				SG11HCAL00005 720UL
67	57	0.10	130	5		PCT	P2	FB5	1.14	TEC	TEH				SG11HCAL00006 720UL
67	59	0.19	126	9		PCT	P2	FB5	-1.17	TEC	TEH				SG11HCAL00006 720UL
		0.27	125	11		PCT	P2	FB3	1.17	TEC	TEH				SG11HCAL00006 720UL
		0.71	124	23		PCT	P2	FB4	1.05	TEC	TEH				SG11HCAL00006 720UL
67	61	0.24	125	10		PCT	P2	FB6	-1.20	TEC	TEH				SG11HCAL00004 720UL
		0.28	133	11		PCT	P2	FB3	1.20	TEC	TEH				SG11HCAL00004 720UL
		0.70	118	22		PCT	P2	FB5	-1.20	TEC	TEH				SG11HCAL00004 720UL
		0.79	117	23		PCT	P2	FB4	-1.25	TEC	TEH				SG11HCAL00004 720UL
67	63	0.17	100	7		PCT	P2	FB4	-1.17	TEC	TEH				SG11HCAL00005 720UL
		0.49	129	17		PCT	P2	FB6	1.17	TEC	TEH				SG11HCAL00005 720UL
		0.52	130	18		PCT	P2	FB5	1.08	TEC	TEH				SG11HCAL00005 720UL
67	67	0.11	118	5		PCT	P2	FB3	1.36	TEC	TEH				SG11HCAL00005 720UL
67	69	0.17	126	7		PCT	P2	FB5	1.15	TEC	TEH				SG11HCAL00004 720UL
68	40	0.12	76	5		PCT	P2	FB6	1.23	TEC	TEH				SG11HCAL00008 720UL
		0.14	136	6		PCT	P2	FB3	-1.27	TEC	TEH				SG11HCAL00008 720UL
		0.20	98	8		PCT	P2	FB4	-1.15	TEC	TEH				SG11HCAL00008 720UL
68	42	0.13	111	6		PCT	P2	FB3	-1.28	TEC	TEH				SG11HCAL00007 720UL
68	44	0.21	98	9		PCT	P2	FB5	-1.05	TEC	TEH				SG11HCAL00005 720UL
		0.37	117	14		PCT	P2	FB6	1.14	TEC	TEH				SG11HCAL00005 720UL
		0.52	121	18		PCT	P2	FB5	1.21	TEC	TEH				SG11HCAL00005 720UL
		0.67	129	21		PCT	P2	FB3	-1.10	TEC	TEH				SG11HCAL00005 720UL
		1.13	126	29		PCT	P2	FB4	-1.10	TEC	TEH				SG11HCAL00005 720UL
68	50	0.22	134	9		PCT	P2	FB6	-1.20	TEC	TEH				SG11HCAL00006 720UL
		0.26	108	11		PCT	P2	FB6	1.05	TEC	TEH				SG11HCAL00006 720UL
		0.30	103	12		PCT	P2	FB3	-1.32	TEC	TEH				SG11HCAL00006 720UL
		0.31	132	13		PCT	P2	FB5	1.10	TEC	TEH				SG11HCAL00006 720UL
		0.42	115	16		PCT	P2	FB4	0.98	TEC	TEH				SG11HCAL00006 720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.46	115	17	PCT	P2	FB4	-1.15	TEC	TEH				SG11HCAL000006	720UL
		0.67	125	22	PCT	P2	FB5	-1.07	TEC	TEH				SG11HCAL000006	720UL
68	52	0.14	107	6	PCT	P2	FB5	1.26	TEC	TEH				SG11HCAL000005	720UL
		0.26	114	10	PCT	P2	FB4	-1.05	TEC	TEH				SG11HCAL000005	720UL
68	54	0.21	115	9	PCT	P2	FB3	0.00	TEC	TEH				SG11HCAL000006	720UL
		0.33	131	13	PCT	P2	FB6	-0.02	TEC	TEH				SG11HCAL000006	720UL
		0.48	122	17	PCT	P2	FB5	0.00	TEC	TEH				SG11HCAL000006	720UL
		1.21	121	30	PCT	P2	FB4	0.00	TEC	TEH				SG11HCAL000006	720UL
68	56	0.12	107	6	PCT	P2	FB5	1.05	TEC	TEH				SG11HCAL000006	720UL
		0.13	134	6	PCT	P2	FB6	-1.32	TEC	TEH				SG11HCAL000006	720UL
		0.14	142	7	PCT	P2	FB4	0.96	TEC	TEH				SG11HCAL000006	720UL
		0.28	121	12	PCT	P2	FB5	-1.13	TEC	TEH				SG11HCAL000006	720UL
68	60	0.10	125	5	PCT	P2	FB6	-1.22	TEC	TEH				SG11HCAL000004	720UL
		0.12	129	5	PCT	P2	FB3	-1.12	TEC	TEH				SG11HCAL000004	720UL
		0.20	136	8	PCT	P2	FB5	1.20	TEC	TEH				SG11HCAL000004	720UL
		0.38	126	14	PCT	P2	FB5	-1.10	TEC	TEH				SG11HCAL000004	720UL
68	62	0.15	133	6	PCT	P2	FB3	-1.17	TEC	TEH				SG11HCAL000005	720UL
		0.17	122	7	PCT	P2	FB4	-1.22	TEC	TEH				SG11HCAL000005	720UL
		0.26	124	10	PCT	P2	FB5	-1.08	TEC	TEH				SG11HCAL000005	720UL
		0.29	120	11	PCT	P2	FB4	1.10	TEC	TEH				SG11HCAL000005	720UL
		0.42	112	15	PCT	P2	FB6	1.32	TEC	TEH				SG11HCAL000005	720UL
		0.45	123	16	PCT	P2	FB5	1.01	TEC	TEH				SG11HCAL000005	720UL
68	68	0.16	82	7	PCT	P2	FB4	-1.15	TEC	TEH				SG11HCAL000005	720UL
		0.23	86	9	PCT	P2	FB5	1.08	TEC	TEH				SG11HCAL000005	720UL
		0.28	119	11	PCT	P2	FB6	1.20	TEC	TEH				SG11HCAL000005	720UL
69	43	0.10	92	5	PCT	P2	FB3	1.19	TEC	TEH				SG11HCAL000007	720UL
		0.15	106	7	PCT	P2	FB4	1.07	TEC	TEH				SG11HCAL000007	720UL
		0.19	117	8	PCT	P2	FB5	-1.05	TEC	TEH				SG11HCAL000007	720UL
69	45	0.18	120	7	PCT	P2	FB4	1.07	TEC	TEH				SG11HCAL000005	720UL
		0.25	119	10	PCT	P2	FB6	1.12	TEC	TEH				SG11HCAL000005	720UL
69	47	0.17	109	7	PCT	P2	FB4	1.10	TEC	TEH				SG11HCAL000005	720UL
		0.18	86	7	PCT	P2	FB5	-1.10	TEC	TEH				SG11HCAL000005	720UL
69	53	0.12	143	5	PCT	P2	FB6	1.15	TEC	TEH				SG11HCAL000005	720UL
		0.15	140	6	PCT	P2	FB5	-1.12	TEC	TEH				SG11HCAL000005	720UL
		0.16	87	7	PCT	P2	FB4	-1.15	TEC	TEH				SG11HCAL000005	720UL
		0.30	114	12	PCT	P2	FB4	1.01	TEC	TEH				SG11HCAL000005	720UL
		0.30	129	12	PCT	P2	FB6	-1.19	TEC	TEH				SG11HCAL000005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.31	132	12	PCT	P2	FB2	-2.06	TEC	TEH				SG11HCAL00005	720UL
		0.33	133	13	PCT	P2	FB3	1.12	TEC	TEH				SG11HCAL00005	720UL
		0.83	124	24	PCT	P2	FB5	1.08	TEC	TEH				SG11HCAL00005	720UL
69	55	0.09	100	4	PCT	P2	FB4	-1.17	TEC	TEH				SG11HCAL00005	720UL
		0.10	124	4	PCT	P2	FB5	1.24	TEC	TEH				SG11HCAL00005	720UL
		0.11	129	5	PCT	P2	FB5	-1.05	TEC	TEH				SG11HCAL00005	720UL
		0.19	126	8	PCT	P2	FB4	1.05	TEC	TEH				SG11HCAL00005	720UL
69	57	0.15	85	7	PCT	P2	FB4	0.93	TEC	TEH				SG11HCAL00006	720UL
		0.22	107	9	PCT	P2	FB5	-1.15	TEC	TEH				SG11HCAL00006	720UL
69	59	0.15	127	7	PCT	P2	FB4	-1.11	TEC	TEH				SG11HCAL00006	720UL
		0.17	118	8	PCT	P2	FB3	-1.21	TEC	TEH				SG11HCAL00006	720UL
		0.27	122	11	PCT	P2	FB5	-1.21	TEC	TEH				SG11HCAL00006	720UL
		0.31	130	13	PCT	P2	FB3	1.18	TEC	TEH				SG11HCAL00006	720UL
		0.47	130	17	PCT	P2	FB5	1.16	TEC	TEH				SG11HCAL00006	720UL
		0.52	123	18	PCT	P2	FB6	1.14	TEC	TEH				SG11HCAL00006	720UL
		0.91	119	26	PCT	P2	FB4	1.01	TEC	TEH				SG11HCAL00006	720UL
69	61	0.14	118	6	PCT	P2	FB4	1.08	TEC	TEH				SG11HCAL00005	720UL
69	65	0.15	124	6	PCT	P2	FB6	-1.22	TEC	TEH				SG11HCAL00004	720UL
		0.22	127	9	PCT	P2	FB5	-1.20	TEC	TEH				SG11HCAL00004	720UL
		0.29	129	12	PCT	P2	FB3	1.53	TEC	TEH				SG11HCAL00004	720UL
		0.58	124	19	PCT	P2	FB4	1.08	TEC	TEH				SG11HCAL00004	720UL
69	67	0.10	117	5	PCT	P2	FB3	1.20	TEC	TEH				SG11HCAL00005	720UL
		0.11	97	5	PCT	P2	FB4	0.99	TEC	TEH				SG11HCAL00005	720UL
69	69	0.53	127	18	PCT	P2	FB4	1.03	TEC	TEH				SG11HCAL00005	720UL
70	42	0.15	123	7	PCT	P2	FB4	-1.10	TEC	TEH				SG11HCAL00007	720UL
70	46	0.34	130	13	PCT	P2	FB4	-1.17	TEC	TEH				SG11HCAL00007	720UL
		0.41	133	15	PCT	P2	FB5	1.17	TEC	TEH				SG11HCAL00007	720UL
70	48	0.19	136	8	PCT	P2	FB4	-1.08	TEC	TEH				SG11HCAL00005	720UL
70	54	0.17	100	8	PCT	P2	FB4	0.00	TEC	TEH				SG11HCAL00006	720UL
		0.22	80	10	PCT	P2	FB6	-0.02	TEC	TEH				SG11HCAL00006	720UL
		0.32	98	13	PCT	P2	FB5	-0.02	TEC	TEH				SG11HCAL00006	720UL
70	56	0.24	86	10	PCT	P2	FB6	-1.12	TEC	TEH				SG11HCAL00005	720UL
		0.28	132	11	PCT	P2	FB3	-1.20	TEC	TEH				SG11HCAL00005	720UL
		0.29	124	11	PCT	P2	FB4	1.01	TEC	TEH				SG11HCAL00005	720UL
		0.90	127	25	PCT	P2	FB5	-1.10	TEC	TEH				SG11HCAL00005	720UL
70	60	0.09	115	4	PCT	P2	FB3	-1.13	TEC	TEH				SG11HCAL00003	720UL
		0.23	127	9	PCT	P2	FB5	-1.11	TEC	TEH				SG11HCAL00003	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.29	126	11		PCT	P2	FB5	1.18		TEC	TEH		SG11HCAL00003	720UL
70	62	0.16	116	7		PCT	P2	FB5	-1.13		TEC	TEH		SG11HCAL00006	720UL
		0.31	132	13		PCT	P2	FB3	-1.27		TEC	TEH		SG11HCAL00006	720UL
		0.36	121	14		PCT	P2	FB4	-1.22		TEC	TEH		SG11HCAL00006	720UL
		0.36	125	14		PCT	P2	FB4	1.10		TEC	TEH		SG11HCAL00006	720UL
		0.40	118	15		PCT	P2	FB6	1.17		TEC	TEH		SG11HCAL00006	720UL
		0.58	120	20		PCT	P2	FB5	1.10		TEC	TEH		SG11HCAL00006	720UL
70	64	0.11	126	5		PCT	P2	FB3	1.29		TEC	TEH		SG11HCAL00005	720UL
		0.12	93	5		PCT	P2	FB4	-1.13		TEC	TEH		SG11HCAL00005	720UL
		0.19	121	8		PCT	P2	FB5	1.10		TEC	TEH		SG11HCAL00005	720UL
70	66	0.14	93	6		PCT	P2	FB4	1.17		TEC	TEH		SG11HCAL00005	720UL
70	68	0.13	114	6		PCT	P2	FB6	1.22		TEC	TEH		SG11HCAL00006	720UL
		0.21	105	9		PCT	P2	FB4	-1.15		TEC	TEH		SG11HCAL00006	720UL
71	39	0.15	107	7		PCT	P2	FB3	1.26		TEC	TEH		SG11HCAL00007	720UL
71	49	0.14	136	6		PCT	P2	FB3	1.33		TEC	TEH		SG11HCAL00005	720UL
		0.21	107	8		PCT	P2	FB5	-1.12		TEC	TEH		SG11HCAL00005	720UL
		0.24	112	10		PCT	P2	FB5	1.08		TEC	TEH		SG11HCAL00005	720UL
		0.24	114	10		PCT	P2	FB4	-1.19		TEC	TEH		SG11HCAL00005	720UL
		0.27	94	11		PCT	P2	FB4	1.10		TEC	TEH		SG11HCAL00005	720UL
71	51	0.46	131	16		PCT	P2	FB6	1.10		TEC	TEH		SG11HCAL00005	720UL
		0.59	128	19		PCT	P2	FB5	1.12		TEC	TEH		SG11HCAL00005	720UL
		0.67	116	21		PCT	P2	FB3	1.15		TEC	TEH		SG11HCAL00005	720UL
		0.84	127	24		PCT	P2	FB4	1.15		TEC	TEH		SG11HCAL00005	720UL
71	55	0.26	130	11		PCT	P2	FB3	-1.20		TEC	TEH		SG11HCAL00006	720UL
		0.35	129	14		PCT	P2	FB6	-1.25		TEC	TEH		SG11HCAL00006	720UL
		0.54	125	19		PCT	P2	FB5	1.01		TEC	TEH		SG11HCAL00006	720UL
		0.88	114	26		PCT	P2	FB4	-1.10		TEC	TEH		SG11HCAL00006	720UL
71	61	0.13	123	5		PCT	P2	FB3	-1.10		TEC	TEH		SG11HCAL00005	720UL
		0.13	134	6		PCT	P2	FB6	1.31		TEC	TEH		SG11HCAL00005	720UL
		0.22	122	9		PCT	P2	FB7	-1.60		TEC	TEH		SG11HCAL00005	720UL
		0.37	130	14		PCT	P2	FB4	-1.13		TEC	TEH		SG11HCAL00005	720UL
		0.38	131	14		PCT	P2	FB5	1.17		TEC	TEH		SG11HCAL00005	720UL
		0.66	130	21		PCT	P2	FB3	1.27		TEC	TEH		SG11HCAL00005	720UL
		0.89	122	25		PCT	P2	FB6	-1.27		TEC	TEH		SG11HCAL00005	720UL
		0.93	125	26		PCT	P2	FB5	-1.13		TEC	TEH		SG11HCAL00005	720UL
		1.12	120	28		PCT	P2	FB4	1.20		TEC	TEH		SG11HCAL00005	720UL
71	63	0.24	128	10		PCT	P2	FB3	1.25		TEC	TEH		SG11HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.27	106	11	PCT	P2	FB4	1.05	TEC	TEH				SG11HCAL000006	720UL
		0.39	108	15	PCT	P2	FB5	-1.13	TEC	TEH				SG11HCAL000006	720UL
		0.40	131	15	PCT	P2	FB6	-1.35	TEC	TEH				SG11HCAL000006	720UL
71	67	0.15	111	7	PCT	P2	FB6	-1.32	TEC	TEH				SG11HCAL000006	720UL
		0.16	106	7	PCT	P2	FB5	-1.20	TEC	TEH				SG11HCAL000006	720UL
		0.17	127	8	PCT	P2	FB3	1.18	TEC	TEH				SG11HCAL000006	720UL
		0.21	119	9	PCT	P2	FB4	1.03	TEC	TEH				SG11HCAL000006	720UL
71	71	0.15	114	6	PCT	P2	FB4	1.15	TEC	TEH				SG11HCAL000003	720UL
71	79	0.08	139	4	PCT	P2	FB7	-1.68	TEC	TEH				SG11HCAL000001	720UL
72	38	0.21	116	9	PCT	P2	FB3	-1.29	TEC	TEH				SG11HCAL000007	720UL
		0.31	114	12	PCT	P2	FB4	-1.14	TEC	TEH				SG11HCAL000007	720UL
72	44	0.18	144	8	PCT	P2	FB6	1.10	TEC	TEH				SG11HCAL000007	720UL
		0.38	128	15	PCT	P2	FB5	1.12	TEC	TEH				SG11HCAL000007	720UL
		0.72	120	23	PCT	P2	FB4	-1.14	TEC	TEH				SG11HCAL000007	720UL
72	46	0.14	108	7	PCT	P2	FB5	-1.20	TEC	TEH				SG11HCAL000006	720UL
		0.20	124	9	PCT	P2	FB6	-1.27	TEC	TEH				SG11HCAL000006	720UL
		0.26	108	11	PCT	P2	FB3	-1.18	TEC	TEH				SG11HCAL000006	720UL
		0.31	119	13	PCT	P2	FB6	1.20	TEC	TEH				SG11HCAL000006	720UL
		0.83	119	25	PCT	P2	FB4	-1.13	TEC	TEH				SG11HCAL000006	720UL
		1.00	118	28	PCT	P2	FB5	1.13	TEC	TEH				SG11HCAL000006	720UL
72	50	0.18	85	7	PCT	P2	FB6	1.17	TEC	TEH				SG11HCAL000005	720UL
		0.25	130	10	PCT	P2	FB4	-1.12	TEC	TEH				SG11HCAL000005	720UL
		0.26	119	10	PCT	P2	FB5	1.08	TEC	TEH				SG11HCAL000005	720UL
72	54	0.19	111	8	PCT	P2	FB5	-0.02	TEC	TEH				SG11HCAL000005	720UL
		0.26	117	10	PCT	P2	FB3	0.19	TEC	TEH				SG11HCAL000005	720UL
		0.78	125	23	PCT	P2	FB4	0.00	TEC	TEH				SG11HCAL000005	720UL
72	56	0.10	74	4	PCT	P2	FB4	-1.34	TEC	TEH				SG11HCAL000005	720UL
		0.15	129	6	PCT	P2	FB3	-1.22	TEC	TEH				SG11HCAL000005	720UL
		0.31	121	12	PCT	P2	FB6	-1.12	TEC	TEH				SG11HCAL000005	720UL
		0.92	125	25	PCT	P2	FB5	-1.27	TEC	TEH				SG11HCAL000005	720UL
72	58	0.11	93	5	PCT	P2	FB4	1.08	TEC	TEH				SG11HCAL000005	720UL
		0.12	129	5	PCT	P2	FB7	-1.40	TEC	TEH				SG11HCAL000005	720UL
		0.23	121	9	PCT	P2	FB3	-1.22	TEC	TEH				SG11HCAL000005	720UL
		0.23	135	9	PCT	P2	FB6	-1.19	TEC	TEH				SG11HCAL000005	720UL
		0.25	115	10	PCT	P2	FB4	-1.12	TEC	TEH				SG11HCAL000005	720UL
		0.57	124	19	PCT	P2	FB5	-1.10	TEC	TEH				SG11HCAL000005	720UL
72	60	0.15	102	6	PCT	P2	FB4	1.18	TEC	TEH				SG11HCAL000003	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.19	110	8		PCT P2	FB4	-1.16	TEC	TEH				SG11HCAL00003	720UL
72	62	0.20	123	9		PCT P2	FB4	-1.22	TEC	TEH				SG11HCAL00006	720UL
		0.29	125	12		PCT P2	FB3	-1.25	TEC	TEH				SG11HCAL00006	720UL
		0.31	123	13		PCT P2	FB4	1.10	TEC	TEH				SG11HCAL00006	720UL
		0.46	126	17		PCT P2	FB5	1.13	TEC	TEH				SG11HCAL00006	720UL
		0.75	116	23		PCT P2	FB6	1.18	TEC	TEH				SG11HCAL00006	720UL
72	64	0.10	114	5		PCT P2	FB5	-1.10	TEC	TEH				SG11HCAL00005	720UL
		0.13	106	6		PCT P2	FB3	-1.17	TEC	TEH				SG11HCAL00005	720UL
		0.14	81	6		PCT P2	FB4	-1.20	TEC	TEH				SG11HCAL00005	720UL
		0.19	75	8		PCT P2	FB6	1.15	TEC	TEH				SG11HCAL00005	720UL
72	66	0.12	148	5		PCT P2	FB3	-1.26	TEC	TEH				SG11HCAL00005	720UL
		0.13	66	6		PCT P2	FB6	1.10	TEC	TEH				SG11HCAL00005	720UL
		0.15	129	6		PCT P2	FB5	1.05	TEC	TEH				SG11HCAL00005	720UL
		0.57	120	19		PCT P2	FB4	-1.19	TEC	TEH				SG11HCAL00005	720UL
72	70	0.20	118	8		PCT P2	FB4	-1.03	TEC	TEH				SG11HCAL00003	720UL
73	41	0.17	138	7		PCT P2	FB5	-1.05	TEC	TEH				SG11HCAL00008	720UL
		0.29	133	11		PCT P2	FB4	1.08	TEC	TEH				SG11HCAL00008	720UL
		0.56	120	19		PCT P2	FB3	1.13	TEC	TEH				SG11HCAL00008	720UL
73	61	0.15	147	7		PCT P2	FB3	1.15	TEC	TEH				SG11HCAL00006	720UL
		0.34	122	14		PCT P2	FB6	-1.25	TEC	TEH				SG11HCAL00006	720UL
		0.55	123	19		PCT P2	FB5	-1.15	TEC	TEH				SG11HCAL00006	720UL
		0.73	121	23		PCT P2	FB4	1.10	TEC	TEH				SG11HCAL00006	720UL
73	63	0.12	95	5		PCT P2	FB3	-1.23	TEC	TEH				SG11HCAL00005	720UL
		0.17	86	7		PCT P2	FB4	1.11	TEC	TEH				SG11HCAL00005	720UL
		0.28	118	11		PCT P2	FB5	-1.18	TEC	TEH				SG11HCAL00005	720UL
		0.29	138	11		PCT P2	FB6	-1.23	TEC	TEH				SG11HCAL00005	720UL
		0.37	119	14		PCT P2	FB3	1.23	TEC	TEH				SG11HCAL00005	720UL
73	65	0.11	46	5		PCT P2	FB5	-1.05	TEC	TEH				SG11HCAL00005	720UL
		0.20	124	8		PCT P2	FB3	1.24	TEC	TEH				SG11HCAL00005	720UL
		0.25	144	10		PCT P2	FB4	1.10	TEC	TEH				SG11HCAL00005	720UL
73	67	0.09	139	4		PCT P2	FB3	1.20	TEC	TEH				SG11HCAL00005	720UL
		0.15	53	7		PCT P2	FB4	1.06	TEC	TEH				SG11HCAL00005	720UL
73	69	0.22	81	9		PCT P2	FB4	1.15	TEC	TEH				SG11HCAL00003	720UL
74	38	0.13	110	6		PCT P2	FB4	-1.07	TEC	TEH				SG11HCAL00007	720UL
74	40	0.18	58	8		PCT P2	FB5	1.16	TEC	TEH				SG11HCAL00008	720UL
		0.18	76	7		PCT P2	FB3	-1.08	TEC	TEH				SG11HCAL00008	720UL
		0.19	78	8		PCT P2	FB4	-1.08	TEC	TEH				SG11HCAL00008	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
74	42	0.14	139	6	PCT	P2	FB5	1.10	TEC	TEH		SG11HCAL00008	720UL		
		0.23	61	9	PCT	P2	FB4	-1.10	TEC	TEH		SG11HCAL00008	720UL		
74	44	0.14	93	6	PCT	P2	FB3	-1.37	TEC	TEH		SG11HCAL00006	720UL		
		0.42	94	16	PCT	P2	FB5	1.10	TEC	TEH		SG11HCAL00006	720UL		
		0.68	110	22	PCT	P2	FB4	-1.19	TEC	TEH		SG11HCAL00006	720UL		
74	50	0.11	83	5	PCT	P2	FB5	1.12	TEC	TEH		SG11HCAL00006	720UL		
		0.11	106	5	PCT	P2	FB4	-1.29	TEC	TEH		SG11HCAL00006	720UL		
74	56	0.11	107	5	PCT	P2	FB4	-1.23	TEC	TEH		SG11HCAL00006	720UL		
74	58	0.13	141	6	PCT	P2	FB6	1.08	TEC	TEH		SG11HCAL00005	720UL		
		0.30	110	12	PCT	P2	FB3	-1.22	TEC	TEH		SG11HCAL00005	720UL		
		0.37	120	14	PCT	P2	FB5	-1.22	TEC	TEH		SG11HCAL00005	720UL		
		0.40	123	15	PCT	P2	FB5	1.10	TEC	TEH		SG11HCAL00005	720UL		
		0.78	121	23	PCT	P2	FB4	-1.24	TEC	TEH		SG11HCAL00005	720UL		
74	60	0.11	86	5	PCT	P2	FB4	1.15	TEC	TEH		SG11HCAL00004	720UL		
		0.11	109	5	PCT	P2	FB2	-1.46	TEC	TEH		SG11HCAL00004	720UL		
		0.14	105	6	PCT	P2	FB3	1.29	TEC	TEH		SG11HCAL00004	720UL		
		0.35	121	13	PCT	P2	FB6	1.17	TEC	TEH		SG11HCAL00004	720UL		
		0.51	137	18	PCT	P2	FB4	-1.17	TEC	TEH		SG11HCAL00004	720UL		
		1.65	119	34	PCT	P2	FB5	1.07	TEC	TEH		SG11HCAL00004	720UL		
74	62	0.13	71	6	PCT	P2	FB5	1.01	TEC	TEH		SG11HCAL00005	720UL		
74	64	0.16	142	7	PCT	P2	FB3	-1.22	TEC	TEH		SG11HCAL00006	720UL		
		0.27	115	11	PCT	P2	FB6	1.10	TEC	TEH		SG11HCAL00006	720UL		
		0.35	113	14	PCT	P2	FB5	1.17	TEC	TEH		SG11HCAL00006	720UL		
		0.50	124	18	PCT	P2	FB4	-1.27	TEC	TEH		SG11HCAL00006	720UL		
74	66	0.14	135	6	PCT	P2	FB3	-1.20	TEC	TEH		SG11HCAL00006	720UL		
		0.17	113	8	PCT	P2	FB6	1.17	TEC	TEH		SG11HCAL00006	720UL		
		0.27	132	11	PCT	P2	FB5	1.20	TEC	TEH		SG11HCAL00006	720UL		
		0.51	131	18	PCT	P2	FB4	-1.22	TEC	TEH		SG11HCAL00006	720UL		
74	68	0.14	42	6	PCT	P2	FB5	1.03	TEC	TEH		SG11HCAL00005	720UL		
		0.18	105	7	PCT	P2	FB6	1.10	TEC	TEH		SG11HCAL00005	720UL		
		0.22	121	9	PCT	P2	FB4	-1.15	TEC	TEH		SG11HCAL00005	720UL		
74	72	0.11	80	5	PCT	P2	FB4	-1.17	TEC	TEH		SG11HCAL00004	720UL		
75	39	0.13	107	6	PCT	P2	FB4	1.14	TEC	TEH		SG11HCAL00007	720UL		
		0.16	148	7	PCT	P2	FB6	-1.10	TEC	TEH		SG11HCAL00007	720UL		
75	43	0.12	150	5	PCT	P2	FB7	-1.45	TEC	TEH		SG11HCAL00007	720UL		
		0.17	67	7	PCT	P2	FB5	1.17	TEC	TEH		SG11HCAL00007	720UL		
		0.29	125	12	PCT	P2	FB3	1.21	TEC	TEH		SG11HCAL00007	720UL		

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.42	128	16	PCT	P2	FB4	1.12	TEC	TEH				SG11HCAL00007	720UL
		0.45	133	16	PCT	P2	FB6	-1.19	TEC	TEH				SG11HCAL00007	720UL
		0.50	131	18	PCT	P2	FB5	-1.24	TEC	TEH				SG11HCAL00007	720UL
75	45	0.15	95	6	PCT	P2	FB6	1.02	TEC	TEH				SG11HCAL00008	720UL
		0.15	136	6	PCT	P2	FB6	-1.07	TEC	TEH				SG11HCAL00008	720UL
		0.17	97	7	PCT	P2	FB5	-1.07	TEC	TEH				SG11HCAL00008	720UL
		0.21	114	9	PCT	P2	FB4	1.12	TEC	TEH				SG11HCAL00008	720UL
		0.48	115	17	PCT	P2	FB4	-1.09	TEC	TEH				SG11HCAL00008	720UL
		0.74	118	22	PCT	P2	FB5	1.00	TEC	TEH				SG11HCAL00008	720UL
75	47	0.20	107	9	PCT	P2	FB3	1.30	TEC	TEH				SG11HCAL00007	720UL
		0.22	142	9	PCT	P2	FB6	-1.21	TEC	TEH				SG11HCAL00007	720UL
		0.38	131	14	PCT	P2	FB5	-1.12	TEC	TEH				SG11HCAL00007	720UL
		0.48	127	17	PCT	P2	FB4	1.14	TEC	TEH				SG11HCAL00007	720UL
75	49	0.17	149	8	PCT	P2	FB6	1.09	TEC	TEH				SG11HCAL00006	720UL
		0.21	133	9	PCT	P2	FB6	-1.17	TEC	TEH				SG11HCAL00006	720UL
		0.63	120	21	PCT	P2	FB3	1.17	TEC	TEH				SG11HCAL00006	720UL
		1.14	121	30	PCT	P2	FB5	-1.07	TEC	TEH				SG11HCAL00006	720UL
		1.49	109	33	PCT	P2	FB4	1.17	TEC	TEH				SG11HCAL00006	720UL
75	51	0.11	125	5	PCT	P2	FB3	1.20	TEC	TEH				SG11HCAL00006	720UL
		0.13	149	6	PCT	P2	FB6	-1.25	TEC	TEH				SG11HCAL00006	720UL
		0.17	115	7	PCT	P2	FB4	-1.23	TEC	TEH				SG11HCAL00006	720UL
		0.24	120	10	PCT	P2	FB4	1.13	TEC	TEH				SG11HCAL00006	720UL
		0.39	103	15	PCT	P2	FB6	1.13	TEC	TEH				SG11HCAL00006	720UL
		0.45	126	17	PCT	P2	FB5	1.08	TEC	TEH				SG11HCAL00006	720UL
75	53	0.11	113	5	PCT	P2	FB3	1.44	TEC	TEH				SG11HCAL00006	720UL
		0.19	113	8	PCT	P2	FB5	1.15	TEC	TEH				SG11HCAL00006	720UL
		0.25	113	11	PCT	P2	FB5	-1.20	TEC	TEH				SG11HCAL00006	720UL
75	57	0.15	84	6	PCT	P2	FB4	1.24	TEC	TEH				SG11HCAL00005	720UL
		0.15	123	7	PCT	P2	FB6	1.17	TEC	TEH				SG11HCAL00005	720UL
		0.16	94	7	PCT	P2	FB5	1.15	TEC	TEH				SG11HCAL00005	720UL
		0.23	112	9	PCT	P2	FB5	-1.01	TEC	TEH				SG11HCAL00005	720UL
		0.25	130	10	PCT	P2	FB3	-1.26	TEC	TEH				SG11HCAL00005	720UL
		0.77	118	23	PCT	P2	FB4	-1.19	TEC	TEH				SG11HCAL00005	720UL
75	61	0.15	100	7	PCT	P2	FB7	-1.36	TEC	TEH				SG11HCAL00006	720UL
		0.44	121	16	PCT	P2	FB6	-1.32	TEC	TEH				SG11HCAL00006	720UL
		0.81	116	24	PCT	P2	FB3	1.24	TEC	TEH				SG11HCAL00006	720UL
		0.95	118	27	PCT	P2	FB5	-1.10	TEC	TEH				SG11HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		1.01	121	28		PCT	P2	FB4	1.05		TEC	TEH		SG11HCAL00006	720UL
75	63	0.10	134	4		PCT	P2	FB5	1.27		TEC	TEH		SG11HCAL00005	720UL
		0.16	144	7		PCT	P2	FB7	-1.39		TEC	TEH		SG11HCAL00005	720UL
		0.25	121	10		PCT	P2	FB3	-1.18		TEC	TEH		SG11HCAL00005	720UL
		0.29	124	11		PCT	P2	FB4	1.11		TEC	TEH		SG11HCAL00005	720UL
		0.58	126	19		PCT	P2	FB5	-1.08		TEC	TEH		SG11HCAL00005	720UL
		1.07	130	28		PCT	P2	FB6	-1.20		TEC	TEH		SG11HCAL00005	720UL
75	65	0.11	132	5		PCT	P2	FB4	1.15		TEC	TEH		SG11HCAL00006	720UL
75	67	0.14	136	6		PCT	P2	FB4	0.99		TEC	TEH		SG11HCAL00005	720UL
		0.18	87	8		PCT	P2	FB5	-1.13		TEC	TEH		SG11HCAL00005	720UL
75	69	0.09	120	4		PCT	P2	FB5	-1.15		TEC	TEH		SG11HCAL00003	720UL
		0.10	142	4		PCT	P2	FB3	1.31		TEC	TEH		SG11HCAL00003	720UL
		0.26	129	10		PCT	P2	FB4	1.13		TEC	TEH		SG11HCAL00003	720UL
75	71	0.10	120	4		PCT	P2	FB4	1.18		TEC	TEH		SG11HCAL00003	720UL
		0.21	98	9		PCT	P2	FB6	-1.22		TEC	TEH		SG11HCAL00003	720UL
76	44	0.14	84	6		PCT	P2	FB4	1.14		TEC	TEH		SG11HCAL00007	720UL
		0.38	136	15		PCT	P2	FB6	1.10		TEC	TEH		SG11HCAL00007	720UL
		0.55	132	19		PCT	P2	FB3	-1.19		TEC	TEH		SG11HCAL00007	720UL
		1.20	119	30		PCT	P2	FB5	1.10		TEC	TEH		SG11HCAL00007	720UL
		1.39	123	32		PCT	P2	FB4	-1.19		TEC	TEH		SG11HCAL00007	720UL
76	46	0.19	151	8		PCT	P2	FB5	-1.12		TEC	TEH		SG11HCAL00007	720UL
		0.46	124	17		PCT	P2	FB3	-1.35		TEC	TEH		SG11HCAL00007	720UL
		0.81	116	24		PCT	P2	FB6	1.10		TEC	TEH		SG11HCAL00007	720UL
		1.30	116	31		PCT	P2	FB5	1.14		TEC	TEH		SG11HCAL00007	720UL
		1.42	124	33		PCT	P2	FB4	-1.07		TEC	TEH		SG11HCAL00007	720UL
76	48	0.14	114	7		PCT	P2	FB6	-1.25		TEC	TEH		SG11HCAL00006	720UL
		0.15	135	7		PCT	P2	FB3	-1.22		TEC	TEH		SG11HCAL00006	720UL
		0.17	127	8		PCT	P2	FB6	1.13		TEC	TEH		SG11HCAL00006	720UL
		0.43	127	16		PCT	P2	FB5	1.10		TEC	TEH		SG11HCAL00006	720UL
		0.52	115	18		PCT	P2	FB4	-1.15		TEC	TEH		SG11HCAL00006	720UL
76	50	0.11	123	5		PCT	P2	FB6	-1.20		TEC	TEH		SG11HCAL00006	720UL
		0.13	110	6		PCT	P2	FB4	-1.08		TEC	TEH		SG11HCAL00006	720UL
		0.16	91	7		PCT	P2	FB5	-1.17		TEC	TEH		SG11HCAL00006	720UL
76	52	0.13	118	6		PCT	P2	FB5	-1.12		TEC	TEH		SG11HCAL00005	720UL
		0.20	105	8		PCT	P2	FB6	1.15		TEC	TEH		SG11HCAL00005	720UL
		0.20	128	8		PCT	P2	FB4	1.22		TEC	TEH		SG11HCAL00005	720UL
		0.26	126	10		PCT	P2	FB5	1.17		TEC	TEH		SG11HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.28	132	11		PCT	P2	FB4	-1.15	TEC	TEH			SG11HCAL00005	720UL
76	58	0.14	121	7		PCT	P2	FB3	-1.25	TEC	TEH			SG11HCAL00006	720UL
		0.17	110	8		PCT	P2	FB6	1.13	TEC	TEH			SG11HCAL00006	720UL
		0.35	136	14		PCT	P2	FB5	-1.06	TEC	TEH			SG11HCAL00006	720UL
76	62	0.12	55	5		PCT	P2	FB4	1.13	TEC	TEH			SG11HCAL00005	720UL
		0.15	118	6		PCT	P2	FB3	-1.20	TEC	TEH			SG11HCAL00005	720UL
		0.23	105	9		PCT	P2	FB6	-1.29	TEC	TEH			SG11HCAL00005	720UL
		0.30	126	12		PCT	P2	FB5	1.15	TEC	TEH			SG11HCAL00005	720UL
		0.31	137	12		PCT	P2	FB6	1.20	TEC	TEH			SG11HCAL00005	720UL
		0.43	123	15		PCT	P2	FB4	-1.15	TEC	TEH			SG11HCAL00005	720UL
76	68	0.11	79	5		PCT	P2	FB6	-1.20	TEC	TEH			SG11HCAL00005	720UL
		0.32	111	12		PCT	P2	FB4	-1.10	TEC	TEH			SG11HCAL00005	720UL
76	70	0.23	127	9		PCT	P2	FB4	-1.08	TEC	TEH			SG11HCAL00003	720UL
77	45	0.14	106	6		PCT	P2	FB3	1.07	TEC	TEH			SG11HCAL00007	720UL
		0.19	144	8		PCT	P2	FB6	1.14	TEC	TEH			SG11HCAL00007	720UL
		0.48	129	17		PCT	P2	FB4	1.07	TEC	TEH			SG11HCAL00007	720UL
		0.58	112	20		PCT	P2	FB5	-1.17	TEC	TEH			SG11HCAL00007	720UL
77	47	0.16	65	7		PCT	P2	FB5	-1.21	TEC	TEH			SG11HCAL00007	720UL
77	49	0.20	134	9		PCT	P2	FB3	1.32	TEC	TEH			SG11HCAL00006	720UL
		0.29	97	12		PCT	P2	FB6	-1.22	TEC	TEH			SG11HCAL00006	720UL
		0.66	119	22		PCT	P2	FB5	-1.05	TEC	TEH			SG11HCAL00006	720UL
		0.71	123	23		PCT	P2	FB4	1.12	TEC	TEH			SG11HCAL00006	720UL
77	51	0.21	124	9		PCT	P2	FB3	1.18	TEC	TEH			SG11HCAL00006	720UL
		0.35	142	14		PCT	P2	FB6	-1.23	TEC	TEH			SG11HCAL00006	720UL
		0.60	123	21		PCT	P2	FB5	-1.20	TEC	TEH			SG11HCAL00006	720UL
		1.06	117	28		PCT	P2	FB4	1.00	TEC	TEH			SG11HCAL00006	720UL
77	55	0.23	118	10		PCT	P2	FB7	-1.50	TEC	TEH			SG11HCAL00006	720UL
		0.35	120	14		PCT	P2	FB2	-1.23	TEC	TEH			SG11HCAL00006	720UL
		0.36	107	14		PCT	P2	FB5	1.03	TEC	TEH			SG11HCAL00006	720UL
		0.55	122	19		PCT	P2	FB3	1.01	TEC	TEH			SG11HCAL00006	720UL
		1.07	118	29		PCT	P2	FB5	-1.28	TEC	TEH			SG11HCAL00006	720UL
		1.11	118	29		PCT	P2	FB6	-1.25	TEC	TEH			SG11HCAL00006	720UL
		1.66	111	35		PCT	P2	FB4	1.15	TEC	TEH			SG11HCAL00006	720UL
77	57	0.15	106	6		PCT	P2	FB7	1.26	TEC	TEH			SG11HCAL00005	720UL
		0.15	139	6		PCT	P2	FB5	-1.15	TEC	TEH			SG11HCAL00005	720UL
		0.22	89	9		PCT	P2	FB6	1.12	TEC	TEH			SG11HCAL00005	720UL
		0.28	141	11		PCT	P2	FB1	0.61	TEC	TEH			SG11HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.45	128	16	PCT	P2	FB6	-1.24	TEC	TEH				SG11HCAL000005	720UL
		0.57	118	19	PCT	P2	FB4	1.01	TEC	TEH				SG11HCAL000005	720UL
		0.81	118	24	PCT	P2	FB5	1.05	TEC	TEH				SG11HCAL000005	720UL
77	63	0.17	111	7	PCT	P2	FB7	-1.58	TEC	TEH				SG11HCAL000003	720UL
		0.20	113	8	PCT	P2	FB2	1.60	TEC	TEH				SG11HCAL000003	720UL
		0.27	122	11	PCT	P2	FB3	-1.18	TEC	TEH				SG11HCAL000003	720UL
		0.55	125	18	PCT	P2	FB3	1.36	TEC	TEH				SG11HCAL000003	720UL
		1.14	118	29	PCT	P2	FB4	1.22	TEC	TEH				SG11HCAL000003	720UL
		1.22	114	30	PCT	P2	FB5	-1.13	TEC	TEH				SG11HCAL000003	720UL
		1.59	114	34	PCT	P2	FB6	-1.11	TEC	TEH				SG11HCAL000003	720UL
77	65	0.18	118	8	PCT	P2	FB4	1.15	TEC	TEH				SG11HCAL000006	720UL
		0.19	120	9	PCT	P2	FB5	-1.03	TEC	TEH				SG11HCAL000006	720UL
77	67	0.16	124	7	PCT	P2	FB6	-1.32	TEC	TEH				SG11HCAL000006	720UL
		0.24	121	10	PCT	P2	FB3	1.22	TEC	TEH				SG11HCAL000006	720UL
		0.28	112	12	PCT	P2	FB5	-1.15	TEC	TEH				SG11HCAL000006	720UL
		0.65	112	21	PCT	P2	FB4	1.08	TEC	TEH				SG11HCAL000006	720UL
77	69	0.11	79	5	PCT	P2	FB4	1.15	TEC	TEH				SG11HCAL000003	720UL
78	46	0.15	100	7	PCT	P2	FB2	-1.40	TEC	TEH				SG11HCAL000007	720UL
		0.17	109	8	PCT	P2	FB6	-1.17	TEC	TEH				SG11HCAL000007	720UL
		0.27	91	11	PCT	P2	FB3	-1.33	TEC	TEH				SG11HCAL000007	720UL
		0.30	128	12	PCT	P2	FB7	1.33	TEC	TEH				SG11HCAL000007	720UL
		0.30	132	12	PCT	P2	FB6	1.21	TEC	TEH				SG11HCAL000007	720UL
		0.31	127	13	PCT	P2	FB3	1.17	TEC	TEH				SG11HCAL000007	720UL
		0.43	115	16	PCT	P2	FB4	1.12	TEC	TEH				SG11HCAL000007	720UL
		0.58	110	20	PCT	P2	FB5	1.14	TEC	TEH				SG11HCAL000007	720UL
		0.72	123	23	PCT	P2	FB4	-1.19	TEC	TEH				SG11HCAL000007	720UL
		1.12	122	29	PCT	P2	FB5	-1.12	TEC	TEH				SG11HCAL000007	720UL
78	56	0.11	68	5	PCT	P2	FB5	1.06	TEC	TEH				SG11HCAL000005	720UL
78	60	0.13	75	6	PCT	P2	FB5	1.12	TEC	TEH				SG11HCAL000005	720UL
78	62	0.14	117	7	PCT	P2	FB6	-1.13	TEC	TEH				SG11HCAL000006	720UL
		0.16	122	7	PCT	P2	FB2	-1.28	TEC	TEH				SG11HCAL000006	720UL
		0.18	138	8	PCT	P2	FB3	1.28	TEC	TEH				SG11HCAL000006	720UL
		0.48	135	18	PCT	P2	FB6	1.18	TEC	TEH				SG11HCAL000006	720UL
		0.77	122	24	PCT	P2	FB3	-1.30	TEC	TEH				SG11HCAL000006	720UL
		1.43	112	33	PCT	P2	FB5	1.05	TEC	TEH				SG11HCAL000006	720UL
		2.10	117	38	PCT	P2	FB4	-1.15	TEC	TEH				SG11HCAL000006	720UL
78	66	0.19	113	8	PCT	P2	FB6	1.24	TEC	TEH				SG11HCAL000003	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.20	99	8		PCT	P2	FB3	1.43	TEC	TEH			SG11HCAL00003	720UL
		0.23	100	9		PCT	P2	FB4	-1.13	TEC	TEH			SG11HCAL00003	720UL
		0.33	109	12		PCT	P2	FB4	1.22	TEC	TEH			SG11HCAL00003	720UL
		0.52	129	18		PCT	P2	FB5	1.13	TEC	TEH			SG11HCAL00003	720UL
78	68	0.11	96	5		PCT	P2	FB3	-1.22	TEC	TEH			SG11HCAL00003	720UL
		0.15	109	6		PCT	P2	FB5	1.13	TEC	TEH			SG11HCAL00003	720UL
		0.50	99	17		PCT	P2	FB4	-1.08	TEC	TEH			SG11HCAL00003	720UL
78	70	0.13	142	6		PCT	P2	FB4	-1.06	TEC	TEH			SG11HCAL00003	720UL
78	72	0.15	77	7		PCT	P2	FB4	-1.09	TEC	TEH			SG11HCAL00002	720UL
79	39	0.13	134	6		PCT	P2	FB6	-1.22	TEC	TEH			SG11HCAL00007	720UL
		0.20	123	8		PCT	P2	FB4	1.08	TEC	TEH			SG11HCAL00007	720UL
		0.23	120	10		PCT	P2	FB3	1.36	TEC	TEH			SG11HCAL00007	720UL
		0.25	126	10		PCT	P2	FB5	-1.22	TEC	TEH			SG11HCAL00007	720UL
79	43	0.12	82	5		PCT	P2	FB7	-1.35	TEC	TEH			SG11HCAL00008	720UL
		0.27	127	11		PCT	P2	FB3	1.13	TEC	TEH			SG11HCAL00008	720UL
		0.51	126	17		PCT	P2	FB6	-1.10	TEC	TEH			SG11HCAL00008	720UL
		0.55	120	18		PCT	P2	FB4	1.10	TEC	TEH			SG11HCAL00008	720UL
		0.83	117	24		PCT	P2	FB5	-1.06	TEC	TEH			SG11HCAL00008	720UL
79	47	0.12	112	5		PCT	P2	FB6	1.03	TEC	TEH			SG11HCAL00008	720UL
		0.16	88	7		PCT	P2	FB4	1.10	TEC	TEH			SG11HCAL00008	720UL
79	49	0.13	61	6		PCT	P2	FB4	1.15	TEC	TEH			SG11HCAL00005	720UL
79	51	0.19	100	8		PCT	P2	FB5	1.22	TEC	TEH			SG11HCAL00005	720UL
		0.29	128	11		PCT	P2	FB6	-1.19	TEC	TEH			SG11HCAL00005	720UL
		0.31	110	12		PCT	P2	FB7	1.47	TEC	TEH			SG11HCAL00005	720UL
		0.41	130	15		PCT	P2	FB6	1.15	TEC	TEH			SG11HCAL00005	720UL
		0.82	120	24		PCT	P2	FB5	-1.15	TEC	TEH			SG11HCAL00005	720UL
		0.97	116	26		PCT	P2	FB3	1.08	TEC	TEH			SG11HCAL00005	720UL
		1.19	122	29		PCT	P2	FB4	1.12	TEC	TEH			SG11HCAL00005	720UL
79	59	0.11	132	5		PCT	P2	FB7	1.34	TEC	TEH			SG11HCAL00005	720UL
		0.19	114	8		PCT	P2	FB2	-1.32	TEC	TEH			SG11HCAL00005	720UL
		0.26	121	10		PCT	P2	FB6	-1.25	TEC	TEH			SG11HCAL00005	720UL
		0.63	127	20		PCT	P2	FB3	1.17	TEC	TEH			SG11HCAL00005	720UL
		0.98	120	26		PCT	P2	FB5	-1.10	TEC	TEH			SG11HCAL00005	720UL
		1.52	116	33		PCT	P2	FB4	1.08	TEC	TEH			SG11HCAL00005	720UL
79	61	0.19	140	8		PCT	P2	FB6	-1.31	TEC	TEH			SG11HCAL00005	720UL
		0.34	124	13		PCT	P2	FB3	1.22	TEC	TEH			SG11HCAL00005	720UL
		0.90	121	25		PCT	P2	FB4	1.12	TEC	TEH			SG11HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		1.24	119	30	PCT	P2	FB5	-1.24	TEC	TEH				SG11HCAL00005	720UL
79	63	0.11	103	5	PCT	P2	FB4	1.13	TEC	TEH				SG11HCAL00003	720UL
79	65	0.18	129	8	PCT	P2	FB5	-1.13	TEC	TEH				SG11HCAL00003	720UL
		0.22	110	9	PCT	P2	FB6	-1.17	TEC	TEH				SG11HCAL00003	720UL
		0.33	114	13	PCT	P2	FB3	1.36	TEC	TEH				SG11HCAL00003	720UL
		0.40	114	15	PCT	P2	FB4	1.10	TEC	TEH				SG11HCAL00003	720UL
79	71	0.10	73	4	PCT	P2	FB4	1.18	TEC	TEH				SG11HCAL00003	720UL
80	42	0.10	66	5	PCT	P2	FB5	-1.05	TEC	TEH				SG11HCAL00008	720UL
		0.18	149	8	PCT	P2	FB7	1.22	TEC	TEH				SG11HCAL00008	720UL
		0.55	109	18	PCT	P2	FB6	1.20	TEC	TEH				SG11HCAL00008	720UL
		1.12	117	28	PCT	P2	FB5	1.17	TEC	TEH				SG11HCAL00008	720UL
		1.39	118	32	PCT	P2	FB3	-1.12	TEC	TEH				SG11HCAL00008	720UL
		1.73	120	35	PCT	P2	FB4	-1.03	TEC	TEH				SG11HCAL00008	720UL
80	44	0.20	112	9	PCT	P2	FB5	1.10	TEC	TEH				SG11HCAL00007	720UL
		0.29	131	12	PCT	P2	FB3	-1.35	TEC	TEH				SG11HCAL00007	720UL
		0.91	121	26	PCT	P2	FB4	-1.12	TEC	TEH				SG11HCAL00007	720UL
80	48	0.17	84	7	PCT	P2	FB4	1.24	TEC	TEH				SG11HCAL00005	720UL
		0.18	114	8	PCT	P2	FB6	1.29	TEC	TEH				SG11HCAL00005	720UL
		0.27	118	11	PCT	P2	FB7	-1.31	TEC	TEH				SG11HCAL00005	720UL
		0.47	131	16	PCT	P2	FB5	1.20	TEC	TEH				SG11HCAL00005	720UL
		0.48	125	17	PCT	P2	FB5	-1.13	TEC	TEH				SG11HCAL00005	720UL
		0.64	127	20	PCT	P2	FB3	-1.15	TEC	TEH				SG11HCAL00005	720UL
		1.31	124	31	PCT	P2	FB6	-1.15	TEC	TEH				SG11HCAL00005	720UL
		1.88	118	36	PCT	P2	FB4	-1.08	TEC	TEH				SG11HCAL00005	720UL
80	54	0.08	115	3	PCT	P2	FB6	-0.02	TEC	TEH				SG11HCAL00005	720UL
		0.21	105	9	PCT	P2	FB5	0.00	TEC	TEH				SG11HCAL00005	720UL
80	60	0.13	121	6	PCT	P2	FB5	-1.22	TEC	TEH				SG11HCAL00005	720UL
		0.16	88	7	PCT	P2	FB3	-1.34	TEC	TEH				SG11HCAL00005	720UL
		0.17	138	7	PCT	P2	FB7	1.15	TEC	TEH				SG11HCAL00005	720UL
		0.21	124	9	PCT	P2	FB3	1.17	TEC	TEH				SG11HCAL00005	720UL
		0.41	122	15	PCT	P2	FB4	1.08	TEC	TEH				SG11HCAL00005	720UL
		0.88	121	25	PCT	P2	FB4	-1.17	TEC	TEH				SG11HCAL00005	720UL
		0.91	126	25	PCT	P2	FB6	1.03	TEC	TEH				SG11HCAL00005	720UL
		0.96	123	26	PCT	P2	FB5	1.10	TEC	TEH				SG11HCAL00005	720UL
81	55	0.14	126	6	PCT	P2	FB4	-1.10	TEC	TEH				SG11HCAL00005	720UL
		0.17	144	7	PCT	P2	FB5	1.17	TEC	TEH				SG11HCAL00005	720UL
81	57	0.15	115	6	PCT	P2	FB2	1.29	TEC	TEH				SG11HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.19	111	8		PCT	P2	FB7	-1.38	TEC	TEH			SG11HCAL00005	720UL
		0.39	102	14		PCT	P2	FB6	1.17	TEC	TEH			SG11HCAL00005	720UL
		0.42	136	15		PCT	P2	FB4	-1.17	TEC	TEH			SG11HCAL00005	720UL
		0.61	115	20		PCT	P2	FB6	-1.17	TEC	TEH			SG11HCAL00005	720UL
		0.74	117	22		PCT	P2	FB5	-1.17	TEC	TEH			SG11HCAL00005	720UL
		1.02	129	27		PCT	P2	FB5	1.01	TEC	TEH			SG11HCAL00005	720UL
		1.03	113	27		PCT	P2	FB4	1.03	TEC	TEH			SG11HCAL00005	720UL
		1.14	117	29		PCT	P2	FB3	-1.29	TEC	TEH			SG11HCAL00005	720UL
81	61	0.15	145	6		PCT	P2	FB6	1.22	TEC	TEH			SG11HCAL00005	720UL
		0.18	113	8		PCT	P2	FB3	1.17	TEC	TEH			SG11HCAL00005	720UL
		0.19	104	8		PCT	P2	FB6	-1.27	TEC	TEH			SG11HCAL00005	720UL
		0.27	141	11		PCT	P2	FB7	-1.41	TEC	TEH			SG11HCAL00005	720UL
		0.55	141	18		PCT	P2	FB5	-1.17	TEC	TEH			SG11HCAL00005	720UL
		1.06	115	28		PCT	P2	FB4	1.08	TEC	TEH			SG11HCAL00005	720UL
81	63	0.43	118	15		PCT	P2	FB5	1.11	TEC	TEH			SG11HCAL00003	720UL
		0.47	121	17		PCT	P2	FB7	-1.50	TEC	TEH			SG11HCAL00003	720UL
		0.56	135	19		PCT	P2	FB3	-1.18	TEC	TEH			SG11HCAL00003	720UL
		0.88	130	25		PCT	P2	FB5	-1.18	TEC	TEH			SG11HCAL00003	720UL
		1.22	115	30		PCT	P2	FB4	1.11	TEC	TEH			SG11HCAL00003	720UL
		1.87	112	36		PCT	P2	FB6	-1.20	TEC	TEH			SG11HCAL00003	720UL
82	46	0.18	149	8		PCT	P2	FB6	-1.05	TEC	TEH			SG11HCAL00007	720UL
		0.27	100	11		PCT	P2	FB5	-1.10	TEC	TEH			SG11HCAL00007	720UL
		0.32	141	13		PCT	P2	FB7	1.40	TEC	TEH			SG11HCAL00007	720UL
		0.50	119	18		PCT	P2	FB6	1.14	TEC	TEH			SG11HCAL00007	720UL
		0.61	125	20		PCT	P2	FB3	-1.21	TEC	TEH			SG11HCAL00007	720UL
		1.42	112	33		PCT	P2	FB5	1.07	TEC	TEH			SG11HCAL00007	720UL
		1.87	115	37		PCT	P2	FB4	-0.96	TEC	TEH			SG11HCAL00007	720UL
82	50	0.19	106	8		PCT	P2	FB6	-1.23	TEC	TEH			SG11HCAL00006	720UL
		0.22	81	10		PCT	P2	FB4	1.13	TEC	TEH			SG11HCAL00006	720UL
		0.32	143	13		PCT	P2	FB5	-1.30	TEC	TEH			SG11HCAL00006	720UL
		0.36	95	14		PCT	P2	FB7	1.33	TEC	TEH			SG11HCAL00006	720UL
		0.74	105	23		PCT	P2	FB3	-1.08	TEC	TEH			SG11HCAL00006	720UL
		0.80	121	24		PCT	P2	FB6	1.20	TEC	TEH			SG11HCAL00006	720UL
		1.43	110	33		PCT	P2	FB4	-1.08	TEC	TEH			SG11HCAL00006	720UL
		1.64	119	35		PCT	P2	FB5	1.23	TEC	TEH			SG11HCAL00006	720UL
82	52	0.16	70	7		PCT	P2	FB4	1.05	TEC	TEH			SG11HCAL00005	720UL
		0.29	89	11		PCT	P2	FB6	1.22	TEC	TEH			SG11HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.39	118	14	PCT	P2	FB5	-1.12	TEC	TEH					SG11HCAL00005 720UL
		0.67	128	21	PCT	P2	FB7	-1.34	TEC	TEH					SG11HCAL00005 720UL
		0.82	128	24	PCT	P2	FB6	-1.19	TEC	TEH					SG11HCAL00005 720UL
		1.17	121	29	PCT	P2	FB3	-1.12	TEC	TEH					SG11HCAL00005 720UL
		1.30	120	31	PCT	P2	FB5	1.03	TEC	TEH					SG11HCAL00005 720UL
		1.46	126	32	PCT	P2	FB4	-1.08	TEC	TEH					SG11HCAL00005 720UL
82	60	0.24	100	10	PCT	P2	FB5	1.17	TEC	TEH					SG11HCAL00006 720UL
		0.33	131	13	PCT	P2	FB4	-1.12	TEC	TEH					SG11HCAL00006 720UL
		0.37	112	14	PCT	P2	FB6	1.30	TEC	TEH					SG11HCAL00006 720UL
83	49	0.18	85	8	PCT	P2	FB3	1.05	TEC	TEH					SG11HCAL00006 720UL
		0.21	86	9	PCT	P2	FB6	1.17	TEC	TEH					SG11HCAL00006 720UL
		0.44	137	16	PCT	P2	FB4	1.15	TEC	TEH					SG11HCAL00006 720UL

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**Attachment 2 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Fan Bar Service Induced Indications

SG 12 PCT>0% at Fan Bars



SG12 PCT > 0% at Fan Bars

UTILITY:	AEP	DATE:	Dec 12 2014 15:02:20
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 12	DATABASE:	DCC_SG12_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Bobbin	BOBBIN	720UL	INLET
(H-3)-SI	HL Special Interest	MRPC	720PP	INLET
(H-4)-SI	UB Special Interest	MRPC	680PP	INLET
(H-5)	H/L Low Row Bobbin (Rows 1-2)	BOBBIN	700UC	INLET
(H-6)	HL To Be Plugged	BOBBIN	720UL	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	BOBBIN	720UL	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08H TO 08C
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL
ANALYSTS	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
24	10	0.10	108	5		PCT P2	FB5	1.65		TEC	TEH				SG12HCAL00018 720UL
31	21	0.11	136	5		PCT P2	FB6	-0.99		TEC	TEH				SG12HCAL00015 720UL
32	52	0.14	52	6		PCT P2	FB4	-1.24		TEC	TEH				SG12HCAL00012 720UL
37	61	0.13	99	6		PCT P2	FB4	0.98		TEC	TEH				SG12HCAL00009 720UL
38	52	0.09	53	5		PCT P2	FB4	-0.81		TEC	TEH				SG12HCAL00011 720UL
39	45	0.21	138	10		PCT P2	FB3	0.72		TEC	TEH				SG12HCAL00012 720UL
41	61	0.15	127	7		PCT P2	FB4	1.16		TEC	TEH				SG12HCAL00009 720UL
43	63	0.14	129	7		PCT P2	FB3	-1.77		TEC	TEH				SG12HCAL00010 720UL
45	51	0.14	132	7		PCT P2	FB4	1.03		TEC	TEH				SG12HCAL00011 720UL
45	63	0.10	158	5		PCT P2	FB5	-1.13		TEC	TEH				SG12HCAL00010 720UL
46	48	0.10	101	5		PCT P2	FB5	0.90		TEC	TEH				SG12HCAL00012 720UL
		0.17	45	8		PCT P2	FB4	-1.22		TEC	TEH				SG12HCAL00012 720UL
46	64	0.14	142	7		PCT P2	FB3	0.93		TEC	TEH				SG12HCAL00010 720UL
46	66	0.11	113	5		PCT P2	FB4	-1.34		TEC	TEH				SG12HCAL00009 720UL
		0.19	144	9		PCT P2	FB5	1.09		TEC	TEH				SG12HCAL00009 720UL
46	68	0.11	46	5		PCT P2	FB4	-1.20		TEC	TEH				SG12HCAL00010 720UL
47	67	0.12	74	6		PCT P2	FB5	-1.29		TEC	TEH				SG12HCAL00009 720UL
		0.12	93	6		PCT P2	FB4	1.18		TEC	TEH				SG12HCAL00009 720UL
49	51	0.20	82	10		PCT P2	FB5	-1.17		TEC	TEH				SG12HCAL00011 720UL
		0.20	122	10		PCT P2	FB4	0.95		TEC	TEH				SG12HCAL00011 720UL
49	71	0.27	131	12		PCT P2	FB4	1.54		TEC	TEH				SG12HCAL00009 720UL
53	49	0.09	118	5		PCT P2	FB5	-1.25		TEC	TEH				SG12HCAL00011 720UL
54	54	0.07	129	4		PCT P2	FB5	0.00		TEC	TEH				SG12HCAL00011 720UL
56	56	0.25	128	11		PCT P2	FB5	1.15		TEC	TEH				SG12HCAL00012 720UL
		0.29	124	12		PCT P2	FB5	-1.15		TEC	TEH				SG12HCAL00012 720UL
		0.30	127	12		PCT P2	FB4	-1.22		TEC	TEH				SG12HCAL00012 720UL
		0.33	89	13		PCT P2	FB6	-1.33		TEC	TEH				SG12HCAL00012 720UL
		0.34	118	14		PCT P2	FB3	1.36		TEC	TEH				SG12HCAL00012 720UL
		0.49	132	18		PCT P2	FB4	1.04		TEC	TEH				SG12HCAL00012 720UL
57	53	0.09	94	5		PCT P2	FB5	-1.15		TEC	TEH				SG12HCAL00011 720UL
		0.53	131	20		PCT P2	FB4	-1.35		TEC	TEH				SG12HCAL00011 720UL
57	55	0.25	135	12		PCT P2	FB4	1.43		TEC	TEH				SG12HCAL00011 720UL
57	59	0.21	141	10		PCT P2	FB5	0.93		TEC	TEH				SG12HCAL00009 720UL
		0.24	113	11		PCT P2	FB4	-1.29		TEC	TEH				SG12HCAL00009 720UL
58	46	0.12	89	6		PCT P2	FB4	-1.13		TEC	TEH				SG12HCAL00012 720UL
58	48	0.08	97	4		PCT P2	FB5	0.54		TEC	TEH				SG12HCAL00012 720UL
58	52	0.12	132	6		PCT P2	FB3	1.24		TEC	TEH				SG12HCAL00012 720UL
		0.16	138	8		PCT P2	FB4	-1.27		TEC	TEH				SG12HCAL00012 720UL

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ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.19	120	9		PCT	P2	FB5	1.13	TEC	TEH			SG12HCAL000012	720UL
		0.25	107	11		PCT	P2	FB4	1.13	TEC	TEH			SG12HCAL000012	720UL
58	54	0.31	114	13		PCT	P2	FB3	0.11	TEC	TEH			SG12HCAL000012	720UL
		0.36	100	14		PCT	P2	FB6	-0.05	TEC	TEH			SG12HCAL000012	720UL
		0.79	122	24		PCT	P2	FB4	-0.05	TEC	TEH			SG12HCAL000012	720UL
		0.88	121	25		PCT	P2	FB5	-0.02	TEC	TEH			SG12HCAL000012	720UL
59	45	0.11	75	5		PCT	P2	FB5	1.08	TEC	TEH			SG12HCAL000012	720UL
		0.14	95	7		PCT	P2	FB4	1.04	TEC	TEH			SG12HCAL000012	720UL
		0.18	99	8		PCT	P2	FB4	-1.26	TEC	TEH			SG12HCAL000012	720UL
		0.21	118	9		PCT	P2	FB6	-1.38	TEC	TEH			SG12HCAL000012	720UL
		0.28	109	12		PCT	P2	FB5	-1.22	TEC	TEH			SG12HCAL000012	720UL
59	63	0.14	134	7		PCT	P2	FB3	1.18	TEC	TEH			SG12HCAL000009	720UL
		0.17	120	8		PCT	P2	FB6	-1.38	TEC	TEH			SG12HCAL000009	720UL
		0.27	98	11		PCT	P2	FB4	0.98	TEC	TEH			SG12HCAL000009	720UL
		0.43	124	16		PCT	P2	FB5	-1.20	TEC	TEH			SG12HCAL000009	720UL
60	48	0.09	102	5		PCT	P2	FB3	-1.18	TEC	TEH			SG12HCAL000006	720UL
		0.11	60	5		PCT	P2	FB5	1.14	TEC	TEH			SG12HCAL000006	720UL
		0.23	128	10		PCT	P2	FB4	-1.09	TEC	TEH			SG12HCAL000006	720UL
60	54	0.11	132	6		PCT	P2	FB3	-0.66	TEC	TEH			SG12HCAL000026	720UL
60	60	0.11	81	5		PCT	P2	FB4	1.22	TEC	TEH			SG12HCAL000003	720UL
61	47	0.13	131	6		PCT	P2	FB4	1.14	TEC	TEH			SG12HCAL000006	720UL
61	49	0.10	120	5		PCT	P2	FB5	-1.14	TEC	TEH			SG12HCAL000006	720UL
61	51	0.12	128	6		PCT	P2	FB3	-1.14	TEC	TEH			SG12HCAL000006	720UL
		0.23	127	10		PCT	P2	FB3	1.48	TEC	TEH			SG12HCAL000006	720UL
		0.33	135	14		PCT	P2	FB5	1.11	TEC	TEH			SG12HCAL000006	720UL
		0.35	142	14		PCT	P2	FB4	-1.20	TEC	TEH			SG12HCAL000006	720UL
		0.40	126	16		PCT	P2	FB6	1.20	TEC	TEH			SG12HCAL000006	720UL
		0.40	128	16		PCT	P2	FB5	-1.16	TEC	TEH			SG12HCAL000006	720UL
		0.49	118	18		PCT	P2	FB4	1.11	TEC	TEH			SG12HCAL000006	720UL
61	55	0.20	139	10		PCT	P2	FB4	1.09	TEC	TEH			SG12HCAL000025	720UL
		0.34	126	15		PCT	P2	FB6	-1.37	TEC	TEH			SG12HCAL000025	720UL
		0.36	144	16		PCT	P2	FB5	-1.23	TEC	TEH			SG12HCAL000025	720UL
		0.40	114	17		PCT	P2	FB4	-1.23	TEC	TEH			SG12HCAL000025	720UL
62	46	0.15	116	7		PCT	P2	FB5	-1.14	TEC	TEH			SG12HCAL000006	720UL
		0.26	118	11		PCT	P2	FB6	1.36	TEC	TEH			SG12HCAL000006	720UL
		0.40	129	16		PCT	P2	FB3	-1.29	TEC	TEH			SG12HCAL000006	720UL
		0.43	122	16		PCT	P2	FB4	-1.18	TEC	TEH			SG12HCAL000006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.49	125	18		PCT	P2	FB5	1.25		TEC	TEH			SG12HCAL000006 720UL
		0.60	133	20		PCT	P2	FB4	1.16		TEC	TEH			SG12HCAL000006 720UL
62	50	0.14	136	7		PCT	P2	FB3	-1.20		TEC	TEH			SG12HCAL000006 720UL
		0.18	123	8		PCT	P2	FB5	-1.07		TEC	TEH			SG12HCAL000006 720UL
		0.21	129	9		PCT	P2	FB3	1.45		TEC	TEH			SG12HCAL000006 720UL
		0.48	122	18		PCT	P2	FB4	1.14		TEC	TEH			SG12HCAL000006 720UL
		0.58	131	20		PCT	P2	FB6	1.23		TEC	TEH			SG12HCAL000006 720UL
		0.61	123	21		PCT	P2	FB4	-1.20		TEC	TEH			SG12HCAL000006 720UL
		0.78	129	24		PCT	P2	FB5	1.14		TEC	TEH			SG12HCAL000006 720UL
62	52	0.21	117	9		PCT	P2	FB3	-1.32		TEC	TEH			SG12HCAL000006 720UL
		0.22	133	10		PCT	P2	FB6	1.18		TEC	TEH			SG12HCAL000006 720UL
		0.28	113	12		PCT	P2	FB6	-1.29		TEC	TEH			SG12HCAL000006 720UL
		0.49	116	18		PCT	P2	FB5	1.23		TEC	TEH			SG12HCAL000006 720UL
		0.67	127	22		PCT	P2	FB4	1.16		TEC	TEH			SG12HCAL000006 720UL
		0.72	127	23		PCT	P2	FB4	-1.20		TEC	TEH			SG12HCAL000006 720UL
		0.98	130	27		PCT	P2	FB5	-1.11		TEC	TEH			SG12HCAL000006 720UL
63	21	0.09	87	5		PCT	P2	FB3	1.50		TEC	TEH			SG12HCAL000018 720UL
63	43	0.09	67	5		PCT	P2	FB4	1.17		TEC	TEH			SG12HCAL000007 720UL
63	47	0.08	140	4		PCT	P2	FB6	1.29		TEC	TEH			SG12HCAL000006 720UL
		0.10	150	5		PCT	P2	FB3	1.50		TEC	TEH			SG12HCAL000006 720UL
		0.13	101	6		PCT	P2	FB5	1.23		TEC	TEH			SG12HCAL000006 720UL
		0.32	136	13		PCT	P2	FB5	-1.14		TEC	TEH			SG12HCAL000006 720UL
		0.55	128	19		PCT	P2	FB4	1.11		TEC	TEH			SG12HCAL000006 720UL
63	53	0.07	154	4		PCT	P2	FB6	1.34		TEC	TEH			SG12HCAL000006 720UL
		0.11	144	5		PCT	P2	FB3	1.55		TEC	TEH			SG12HCAL000006 720UL
		0.37	129	15		PCT	P2	FB3	-1.29		TEC	TEH			SG12HCAL000006 720UL
		0.38	123	15		PCT	P2	FB4	1.14		TEC	TEH			SG12HCAL000006 720UL
		0.47	131	18		PCT	P2	FB6	-1.39		TEC	TEH			SG12HCAL000006 720UL
		0.59	130	20		PCT	P2	FB4	-1.23		TEC	TEH			SG12HCAL000006 720UL
		0.93	124	26		PCT	P2	FB5	-1.16		TEC	TEH			SG12HCAL000006 720UL
63	55	0.09	88	5		PCT	P2	FB4	1.14		TEC	TEH			SG12HCAL000006 720UL
64	38	0.11	126	6		PCT	P2	FB4	-1.06		TEC	TEH			SG12HCAL000007 720UL
64	44	0.16	138	8		PCT	P2	FB3	-1.28		TEC	TEH			SG12HCAL000007 720UL
		0.38	135	16		PCT	P2	FB5	1.12		TEC	TEH			SG12HCAL000007 720UL
		0.55	130	20		PCT	P2	FB4	-1.08		TEC	TEH			SG12HCAL000007 720UL
64	48	0.12	119	6		PCT	P2	FB5	1.11		TEC	TEH			SG12HCAL000006 720UL
		0.18	90	8		PCT	P2	FB4	-1.14		TEC	TEH			SG12HCAL000006 720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
64	52	0.12	133	6	PCT	P2	FB3	1.46	TEC	TEH				SG12HCAL000006	720UL
		0.17	97	8	PCT	P2	FB5	1.14	TEC	TEH				SG12HCAL000006	720UL
		0.42	122	16	PCT	P2	FB4	1.14	TEC	TEH				SG12HCAL000006	720UL
64	54	0.11	74	5	PCT	P2	FB6	0.00	TEC	TEH				SG12HCAL000006	720UL
		0.60	112	21	PCT	P2	FB4	-0.05	TEC	TEH				SG12HCAL000006	720UL
		0.87	117	25	PCT	P2	FB5	0.00	TEC	TEH				SG12HCAL000006	720UL
64	56	0.13	130	6	PCT	P2	FB3	-1.30	TEC	TEH				SG12HCAL000004	720UL
		0.14	112	7	PCT	P2	FB7	1.34	TEC	TEH				SG12HCAL000004	720UL
		0.15	145	7	PCT	P2	FB3	1.25	TEC	TEH				SG12HCAL000004	720UL
		0.25	141	11	PCT	P2	FB6	-1.41	TEC	TEH				SG12HCAL000004	720UL
		0.50	120	18	PCT	P2	FB5	-1.12	TEC	TEH				SG12HCAL000004	720UL
		0.56	134	19	PCT	P2	FB4	-1.23	TEC	TEH				SG12HCAL000004	720UL
		0.72	119	22	PCT	P2	FB6	1.18	TEC	TEH				SG12HCAL000004	720UL
		0.86	115	25	PCT	P2	FB4	1.09	TEC	TEH				SG12HCAL000004	720UL
		1.43	121	31	PCT	P2	FB5	1.03	TEC	TEH				SG12HCAL000004	720UL
65	41	0.16	104	7	PCT	P2	FB4	1.09	TEC	TEH				SG12HCAL000008	720UL
65	47	0.14	113	7	PCT	P2	FB6	-1.36	TEC	TEH				SG12HCAL000006	720UL
		0.15	136	7	PCT	P2	FB4	-1.16	TEC	TEH				SG12HCAL000006	720UL
		0.19	121	9	PCT	P2	FB5	1.18	TEC	TEH				SG12HCAL000006	720UL
		0.19	127	9	PCT	P2	FB3	1.48	TEC	TEH				SG12HCAL000006	720UL
		0.21	111	10	PCT	P2	FB5	-1.16	TEC	TEH				SG12HCAL000006	720UL
		0.33	105	14	PCT	P2	FB4	1.11	TEC	TEH				SG12HCAL000006	720UL
65	51	0.15	135	7	PCT	P2	FB4	-1.18	TEC	TEH				SG12HCAL000006	720UL
		0.17	67	8	PCT	P2	FB4	1.07	TEC	TEH				SG12HCAL000006	720UL
		0.35	123	14	PCT	P2	FB5	1.11	TEC	TEH				SG12HCAL000006	720UL
65	61	0.09	102	4	PCT	P2	FB2	-2.14	TEC	TEH				SG12HCAL000004	720UL
66	40	0.12	106	6	PCT	P2	FB3	-1.20	TEC	TEH				SG12HCAL000007	720UL
		0.22	127	10	PCT	P2	FB6	1.30	TEC	TEH				SG12HCAL000007	720UL
		0.32	132	14	PCT	P2	FB4	-1.27	TEC	TEH				SG12HCAL000007	720UL
		0.61	128	21	PCT	P2	FB5	1.07	TEC	TEH				SG12HCAL000007	720UL
66	44	0.12	130	6	PCT	P2	FB4	-1.12	TEC	TEH				SG12HCAL000007	720UL
66	46	0.11	86	6	PCT	P2	FB4	-1.20	TEC	TEH				SG12HCAL000006	720UL
66	58	0.17	146	9	PCT	P2	FB5	-1.25	TEC	TEH				SG12HCAL000025	720UL
		0.29	105	14	PCT	P2	FB4	0.93	TEC	TEH				SG12HCAL000025	720UL
66	60	0.16	119	8	PCT	P2	FB6	-1.24	TEC	TEH				SG12HCAL000026	720UL
		0.17	131	8	PCT	P2	FB5	1.08	TEC	TEH				SG12HCAL000026	720UL
		0.33	134	14	PCT	P2	FB3	1.19	TEC	TEH				SG12HCAL000026	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.44	137	17		PCT P2	FB5	-1.13	TEC	TEH				SG12HCAL000026	720UL
		0.67	127	23		PCT P2	FB4	1.10	TEC	TEH				SG12HCAL000026	720UL
66	66	0.15	134	7		PCT P2	FB4	1.14	TEC	TEH				SG12HCAL000004	720UL
		0.25	90	11		PCT P2	FB5	-1.19	TEC	TEH				SG12HCAL000004	720UL
66	74	0.13	39	6		PCT P2	FB4	-1.14	TEC	TEH				SG12HCAL000002	720UL
67	39	0.12	138	6		PCT P2	FB4	1.31	TEC	TEH				SG12HCAL000007	720UL
67	41	0.10	133	5		PCT P2	FB3	1.43	TEC	TEH				SG12HCAL000007	720UL
		0.17	123	8		PCT P2	FB5	-1.00	TEC	TEH				SG12HCAL000007	720UL
		0.19	118	9		PCT P2	FB4	1.27	TEC	TEH				SG12HCAL000007	720UL
		0.21	113	10		PCT P2	FB4	-1.18	TEC	TEH				SG12HCAL000007	720UL
67	43	0.12	96	6		PCT P2	FB3	1.29	TEC	TEH				SG12HCAL000008	720UL
		0.14	74	7		PCT P2	FB6	-1.25	TEC	TEH				SG12HCAL000008	720UL
		0.19	124	9		PCT P2	FB4	1.16	TEC	TEH				SG12HCAL000008	720UL
		0.39	115	15		PCT P2	FB5	-1.16	TEC	TEH				SG12HCAL000008	720UL
67	45	0.10	124	5		PCT P2	FB4	1.16	TEC	TEH				SG12HCAL000007	720UL
67	47	0.13	82	6		PCT P2	FB6	1.23	TEC	TEH				SG12HCAL000006	720UL
		0.25	128	11		PCT P2	FB7	-1.54	TEC	TEH				SG12HCAL000006	720UL
		0.33	135	13		PCT P2	FB3	1.39	TEC	TEH				SG12HCAL000006	720UL
		0.35	125	14		PCT P2	FB5	-1.20	TEC	TEH				SG12HCAL000006	720UL
		0.54	124	19		PCT P2	FB6	-1.27	TEC	TEH				SG12HCAL000006	720UL
		0.67	122	22		PCT P2	FB5	1.16	TEC	TEH				SG12HCAL000006	720UL
		0.69	133	22		PCT P2	FB4	1.20	TEC	TEH				SG12HCAL000006	720UL
67	49	0.16	139	8		PCT P2	FB3	1.39	TEC	TEH				SG12HCAL000006	720UL
		0.18	98	8		PCT P2	FB5	1.16	TEC	TEH				SG12HCAL000006	720UL
		0.18	98	8		PCT P2	FB6	-1.25	TEC	TEH				SG12HCAL000006	720UL
		0.20	118	9		PCT P2	FB4	-1.18	TEC	TEH				SG12HCAL000006	720UL
		0.21	126	9		PCT P2	FB6	1.25	TEC	TEH				SG12HCAL000006	720UL
		0.41	124	16		PCT P2	FB4	1.14	TEC	TEH				SG12HCAL000006	720UL
		0.84	125	25		PCT P2	FB5	-1.11	TEC	TEH				SG12HCAL000006	720UL
67	53	0.19	131	9		PCT P2	FB6	1.25	TEC	TEH				SG12HCAL000006	720UL
		0.36	125	15		PCT P2	FB3	1.46	TEC	TEH				SG12HCAL000006	720UL
		0.42	136	16		PCT P2	FB6	-1.25	TEC	TEH				SG12HCAL000006	720UL
		0.57	132	20		PCT P2	FB4	-1.30	TEC	TEH				SG12HCAL000006	720UL
		0.78	123	24		PCT P2	FB4	1.11	TEC	TEH				SG12HCAL000006	720UL
		1.00	128	27		PCT P2	FB5	-1.14	TEC	TEH				SG12HCAL000006	720UL
67	55	0.12	49	6		PCT P2	FB3	-1.16	TEC	TEH				SG12HCAL000005	720UL
		0.20	90	9		PCT P2	FB6	1.32	TEC	TEH				SG12HCAL000005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.34	116	13	PCT	P2	FB5	1.18	TEC	TEH				SG12HCAL00005	720UL
		0.37	134	14	PCT	P2	FB6	-1.32	TEC	TEH				SG12HCAL00005	720UL
		0.51	116	18	PCT	P2	FB4	-1.23	TEC	TEH				SG12HCAL00005	720UL
		0.62	130	20	PCT	P2	FB4	1.11	TEC	TEH				SG12HCAL00005	720UL
		0.91	120	25	PCT	P2	FB5	-1.09	TEC	TEH				SG12HCAL00005	720UL
67	57	0.17	117	8	PCT	P2	FB5	1.18	TEC	TEH				SG12HCAL00005	720UL
		0.22	115	10	PCT	P2	FB4	1.11	TEC	TEH				SG12HCAL00005	720UL
		0.23	100	10	PCT	P2	FB4	-1.18	TEC	TEH				SG12HCAL00005	720UL
		0.27	131	11	PCT	P2	FB6	-1.27	TEC	TEH				SG12HCAL00005	720UL
		0.33	134	13	PCT	P2	FB5	-1.13	TEC	TEH				SG12HCAL00005	720UL
67	59	0.12	92	6	PCT	P2	FB6	1.25	TEC	TEH				SG12HCAL00007	720UL
		0.14	117	7	PCT	P2	FB5	-1.07	TEC	TEH				SG12HCAL00007	720UL
		0.24	126	11	PCT	P2	FB4	1.16	TEC	TEH				SG12HCAL00007	720UL
67	61	0.15	121	7	PCT	P2	FB6	-1.36	TEC	TEH				SG12HCAL00003	720UL
		0.25	142	11	PCT	P2	FB3	-1.16	TEC	TEH				SG12HCAL00003	720UL
		0.26	97	11	PCT	P2	FB4	-1.16	TEC	TEH				SG12HCAL00003	720UL
		0.33	127	14	PCT	P2	FB6	1.25	TEC	TEH				SG12HCAL00003	720UL
		0.63	109	21	PCT	P2	FB4	1.18	TEC	TEH				SG12HCAL00003	720UL
		1.63	117	34	PCT	P2	FB5	-1.11	TEC	TEH				SG12HCAL00003	720UL
67	63	0.10	112	5	PCT	P2	FB5	1.25	TEC	TEH				SG12HCAL00004	720UL
		0.15	132	7	PCT	P2	FB7	-1.53	TEC	TEH				SG12HCAL00004	720UL
		0.35	121	14	PCT	P2	FB4	-1.14	TEC	TEH				SG12HCAL00004	720UL
		0.39	130	15	PCT	P2	FB3	-1.25	TEC	TEH				SG12HCAL00004	720UL
		0.43	139	16	PCT	P2	FB4	1.14	TEC	TEH				SG12HCAL00004	720UL
		0.84	125	24	PCT	P2	FB6	-1.21	TEC	TEH				SG12HCAL00004	720UL
		1.11	118	28	PCT	P2	FB5	-1.12	TEC	TEH				SG12HCAL00004	720UL
67	65	0.15	90	7	PCT	P2	FB3	1.37	TEC	TEH				SG12HCAL00004	720UL
		0.15	136	7	PCT	P2	FB6	-1.16	TEC	TEH				SG12HCAL00004	720UL
		0.29	129	12	PCT	P2	FB4	1.12	TEC	TEH				SG12HCAL00004	720UL
		0.48	110	17	PCT	P2	FB5	-1.09	TEC	TEH				SG12HCAL00004	720UL
67	67	0.14	153	7	PCT	P2	FB4	1.19	TEC	TEH				SG12HCAL00004	720UL
67	69	0.14	64	7	PCT	P2	FB5	-1.09	TEC	TEH				SG12HCAL00004	720UL
		0.16	130	7	PCT	P2	FB4	1.09	TEC	TEH				SG12HCAL00004	720UL
67	77	0.11	119	5	PCT	P2	FB7	-0.89	TEC	TEH				SG12HCAL00002	720UL
68	40	0.36	130	15	PCT	P2	FB5	1.11	TEC	TEH				SG12HCAL00007	720UL
		0.50	131	19	PCT	P2	FB4	-1.27	TEC	TEH				SG12HCAL00007	720UL
68	42	0.12	90	6	PCT	P2	FB6	-1.20	TEC	TEH				SG12HCAL00008	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.14	71	7		PCT	P2	FB3	-1.25	TEC	TEH			SG12HCAL00008	720UL
		0.29	123	12		PCT	P2	FB5	1.11	TEC	TEH			SG12HCAL00008	720UL
		0.56	123	19		PCT	P2	FB4	-1.20	TEC	TEH			SG12HCAL00008	720UL
68	44	0.12	72	6		PCT	P2	FB3	1.22	TEC	TEH			SG12HCAL00007	720UL
		0.22	137	10		PCT	P2	FB4	1.11	TEC	TEH			SG12HCAL00007	720UL
		0.24	131	11		PCT	P2	FB5	-1.02	TEC	TEH			SG12HCAL00007	720UL
		0.26	133	12		PCT	P2	FB6	1.38	TEC	TEH			SG12HCAL00007	720UL
		0.29	119	13		PCT	P2	FB3	-1.43	TEC	TEH			SG12HCAL00007	720UL
		0.85	131	26		PCT	P2	FB5	1.09	TEC	TEH			SG12HCAL00007	720UL
		0.96	122	27		PCT	P2	FB4	-1.04	TEC	TEH			SG12HCAL00007	720UL
68	56	0.12	35	6		PCT	P2	FB4	1.11	TEC	TEH			SG12HCAL00005	720UL
68	64	0.12	93	6		PCT	P2	FB4	1.27	TEC	TEH			SG12HCAL00003	720UL
		0.13	151	6		PCT	P2	FB3	1.50	TEC	TEH			SG12HCAL00003	720UL
		0.19	139	9		PCT	P2	FB4	-1.13	TEC	TEH			SG12HCAL00003	720UL
		0.28	132	12		PCT	P2	FB5	-1.18	TEC	TEH			SG12HCAL00003	720UL
68	66	0.25	119	11		PCT	P2	FB5	-1.14	TEC	TEH			SG12HCAL00003	720UL
68	68	0.11	148	6		PCT	P2	FB6	1.34	TEC	TEH			SG12HCAL00003	720UL
		0.13	32	6		PCT	P2	FB5	1.16	TEC	TEH			SG12HCAL00003	720UL
		0.15	84	7		PCT	P2	FB4	-1.18	TEC	TEH			SG12HCAL00003	720UL
		0.15	144	7		PCT	P2	FB3	1.52	TEC	TEH			SG12HCAL00003	720UL
68	70	0.13	96	6		PCT	P2	FB4	1.20	TEC	TEH			SG12HCAL00003	720UL
		0.14	47	7		PCT	P2	FB4	-1.13	TEC	TEH			SG12HCAL00003	720UL
		0.18	119	8		PCT	P2	FB5	1.11	TEC	TEH			SG12HCAL00003	720UL
68	76	0.10	142	5		PCT	P2	FB6	-0.68	TEC	TEH			SG12HCAL00003	720UL
69	41	0.10	104	5		PCT	P2	FB5	-1.00	TEC	TEH			SG12HCAL00007	720UL
		0.11	116	6		PCT	P2	FB3	1.16	TEC	TEH			SG12HCAL00007	720UL
		0.15	127	7		PCT	P2	FB4	1.09	TEC	TEH			SG12HCAL00007	720UL
69	49	0.17	108	8		PCT	P2	FB4	1.14	TEC	TEH			SG12HCAL00006	720UL
		0.34	118	14		PCT	P2	FB5	-1.14	TEC	TEH			SG12HCAL00006	720UL
69	51	0.14	136	7		PCT	P2	FB5	1.18	TEC	TEH			SG12HCAL00006	720UL
		0.16	86	7		PCT	P2	FB7	-1.46	TEC	TEH			SG12HCAL00006	720UL
		0.16	125	8		PCT	P2	FB4	1.14	TEC	TEH			SG12HCAL00006	720UL
		0.31	136	13		PCT	P2	FB4	-1.21	TEC	TEH			SG12HCAL00006	720UL
		0.37	114	15		PCT	P2	FB3	1.34	TEC	TEH			SG12HCAL00006	720UL
		0.48	122	18		PCT	P2	FB6	-1.21	TEC	TEH			SG12HCAL00006	720UL
		0.64	124	21		PCT	P2	FB5	-1.11	TEC	TEH			SG12HCAL00006	720UL
69	53	0.12	133	6		PCT	P2	FB2	-1.43	TEC	TEH			SG12HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.14	126	7		PCT	P2	FB3	-1.27	TEC	TEH			SG12HCAL00006	720UL
		0.19	100	9		PCT	P2	FB7	-1.50	TEC	TEH			SG12HCAL00006	720UL
		0.24	117	10		PCT	P2	FB6	1.25	TEC	TEH			SG12HCAL00006	720UL
		0.71	126	23		PCT	P2	FB6	-1.27	TEC	TEH			SG12HCAL00006	720UL
		0.89	123	26		PCT	P2	FB3	1.43	TEC	TEH			SG12HCAL00006	720UL
		0.90	125	26		PCT	P2	FB4	1.11	TEC	TEH			SG12HCAL00006	720UL
		0.93	132	26		PCT	P2	FB4	-1.27	TEC	TEH			SG12HCAL00006	720UL
		1.28	123	30		PCT	P2	FB5	-1.11	TEC	TEH			SG12HCAL00006	720UL
69	59	0.11	102	5		PCT	P2	FB6	-1.31	TEC	TEH			SG12HCAL00007	720UL
		0.24	120	11		PCT	P2	FB5	-1.13	TEC	TEH			SG12HCAL00007	720UL
69	69	0.14	67	7		PCT	P2	FB3	1.50	TEC	TEH			SG12HCAL00003	720UL
		0.15	135	7		PCT	P2	FB4	1.16	TEC	TEH			SG12HCAL00003	720UL
		0.34	139	14		PCT	P2	FB4	-1.16	TEC	TEH			SG12HCAL00003	720UL
		0.37	134	15		PCT	P2	FB5	1.07	TEC	TEH			SG12HCAL00003	720UL
69	71	0.18	72	9		PCT	P2	FB4	1.11	TEC	TEH			SG12HCAL00003	720UL
69	73	0.15	111	7		PCT	P2	FB4	1.14	TEC	TEH			SG12HCAL00003	720UL
70	48	0.14	113	7		PCT	P2	FB4	1.11	TEC	TEH			SG12HCAL00006	720UL
		0.17	106	8		PCT	P2	FB5	1.11	TEC	TEH			SG12HCAL00006	720UL
70	52	0.12	102	6		PCT	P2	FB3	-1.27	TEC	TEH			SG12HCAL00006	720UL
		0.15	96	7		PCT	P2	FB3	1.46	TEC	TEH			SG12HCAL00006	720UL
		0.15	122	7		PCT	P2	FB5	1.16	TEC	TEH			SG12HCAL00006	720UL
		0.18	120	8		PCT	P2	FB6	1.16	TEC	TEH			SG12HCAL00006	720UL
		0.22	138	10		PCT	P2	FB5	-1.16	TEC	TEH			SG12HCAL00006	720UL
		1.06	117	28		PCT	P2	FB4	1.12	TEC	TEH			SG12HCAL00006	720UL
70	54	0.22	103	9		PCT	P2	FB7	-0.02	TEC	TEH			SG12HCAL00005	720UL
		0.25	80	11		PCT	P2	FB3	0.20	TEC	TEH			SG12HCAL00005	720UL
		0.70	113	22		PCT	P2	FB6	-0.02	TEC	TEH			SG12HCAL00005	720UL
		0.95	94	26		PCT	P2	FB4	-0.02	TEC	TEH			SG12HCAL00005	720UL
		1.33	117	30		PCT	P2	FB5	0.00	TEC	TEH			SG12HCAL00005	720UL
70	60	0.22	141	10		PCT	P2	FB6	-1.29	TEC	TEH			SG12HCAL00003	720UL
		0.76	124	24		PCT	P2	FB5	1.13	TEC	TEH			SG12HCAL00003	720UL
		0.77	123	24		PCT	P2	FB4	-1.09	TEC	TEH			SG12HCAL00003	720UL
70	62	0.08	108	4		PCT	P2	FB5	-1.23	TEC	TEH			SG12HCAL00007	720UL
		0.34	147	14		PCT	P2	FB3	-1.30	TEC	TEH			SG12HCAL00007	720UL
		0.46	131	18		PCT	P2	FB6	1.27	TEC	TEH			SG12HCAL00007	720UL
		0.71	129	23		PCT	P2	FB4	-1.14	TEC	TEH			SG12HCAL00007	720UL
		0.75	135	24		PCT	P2	FB5	1.18	TEC	TEH			SG12HCAL00007	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
70	64	0.16	124	8	PCT	P2	FB3	1.48	TEC	TEH				SG12HCAL00007	720UL
		0.18	118	9	PCT	P2	FB3	-1.18	TEC	TEH				SG12HCAL00007	720UL
		0.55	133	20	PCT	P2	FB6	1.23	TEC	TEH				SG12HCAL00007	720UL
		1.04	133	28	PCT	P2	FB4	-1.09	TEC	TEH				SG12HCAL00007	720UL
		1.19	128	30	PCT	P2	FB5	1.11	TEC	TEH				SG12HCAL00007	720UL
70	70	0.22	93	10	PCT	P2	FB4	-1.11	TEC	TEH				SG12HCAL00003	720UL
		0.24	148	10	PCT	P2	FB5	1.02	TEC	TEH				SG12HCAL00003	720UL
71	53	0.15	130	8	PCT	P2	FB4	1.43	TEC	TEH				SG12HCAL00025	720UL
71	71	0.17	112	8	PCT	P2	FB4	1.02	TEC	TEH				SG12HCAL00003	720UL
71	75	0.12	52	6	PCT	P2	FB5	-1.18	TEC	TEH				SG12HCAL00004	720UL
		0.18	120	8	PCT	P2	FB4	1.09	TEC	TEH				SG12HCAL00004	720UL
72	40	0.19	70	8	PCT	P2	FB3	-1.22	TEC	TEH				SG12HCAL00008	720UL
		0.50	134	18	PCT	P2	FB5	1.09	TEC	TEH				SG12HCAL00008	720UL
		0.65	119	21	PCT	P2	FB4	-1.06	TEC	TEH				SG12HCAL00008	720UL
72	44	0.11	144	6	PCT	P2	FB6	1.33	TEC	TEH				SG12HCAL00007	720UL
		0.18	121	9	PCT	P2	FB3	-1.24	TEC	TEH				SG12HCAL00007	720UL
		0.33	133	14	PCT	P2	FB5	1.09	TEC	TEH				SG12HCAL00007	720UL
		0.34	135	14	PCT	P2	FB4	-1.15	TEC	TEH				SG12HCAL00007	720UL
72	46	0.10	148	5	PCT	P2	FB2	0.75	TEC	TEH				SG12HCAL00006	720UL
72	50	0.12	76	7	PCT	P2	FB6	-1.26	TEC	TEH				SG12HCAL00025	720UL
		0.16	138	9	PCT	P2	FB3	1.26	TEC	TEH				SG12HCAL00025	720UL
		0.26	111	13	PCT	P2	FB4	1.10	TEC	TEH				SG12HCAL00025	720UL
		0.38	91	16	PCT	P2	FB4	-1.23	TEC	TEH				SG12HCAL00025	720UL
		0.48	124	19	PCT	P2	FB5	1.03	TEC	TEH				SG12HCAL00025	720UL
72	52	0.10	112	5	PCT	P2	FB7	1.50	TEC	TEH				SG12HCAL00006	720UL
		0.19	125	9	PCT	P2	FB7	-1.46	TEC	TEH				SG12HCAL00006	720UL
		0.26	115	11	PCT	P2	FB2	1.75	TEC	TEH				SG12HCAL00006	720UL
		0.40	135	16	PCT	P2	FB6	-1.27	TEC	TEH				SG12HCAL00006	720UL
		0.59	129	20	PCT	P2	FB4	1.21	TEC	TEH				SG12HCAL00006	720UL
		0.71	128	23	PCT	P2	FB6	1.21	TEC	TEH				SG12HCAL00006	720UL
		0.77	122	24	PCT	P2	FB3	-1.25	TEC	TEH				SG12HCAL00006	720UL
		0.79	123	24	PCT	P2	FB5	-1.16	TEC	TEH				SG12HCAL00006	720UL
		0.88	128	25	PCT	P2	FB5	1.11	TEC	TEH				SG12HCAL00006	720UL
		1.55	119	33	PCT	P2	FB4	-1.16	TEC	TEH				SG12HCAL00006	720UL
72	66	0.12	98	6	PCT	P2	FB5	-1.18	TEC	TEH				SG12HCAL00004	720UL
73	43	0.13	86	6	PCT	P2	FB4	0.93	TEC	TEH				SG12HCAL00008	720UL
73	45	0.10	137	5	PCT	P2	FB6	-1.29	TEC	TEH				SG12HCAL00007	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.11	135	6	PCT	P2	FB4	1.15	TEC	TEH					SG12HCAL00007 720UL
		0.14	143	7	PCT	P2	FB5	1.17	TEC	TEH					SG12HCAL00007 720UL
		0.16	124	8	PCT	P2	FB3	1.29	TEC	TEH					SG12HCAL00007 720UL
73	47	0.10	42	5	PCT	P2	FB5	1.18	TEC	TEH					SG12HCAL00006 720UL
		0.14	77	7	PCT	P2	FB3	1.32	TEC	TEH					SG12HCAL00006 720UL
		0.23	102	10	PCT	P2	FB5	1.16	TEC	TEH					SG12HCAL00006 720UL
		0.26	119	11	PCT	P2	FB6	1.20	TEC	TEH					SG12HCAL00006 720UL
73	51	0.12	75	6	PCT	P2	FB3	1.36	TEC	TEH					SG12HCAL00006 720UL
		0.18	82	8	PCT	P2	FB4	1.11	TEC	TEH					SG12HCAL00006 720UL
		0.37	127	15	PCT	P2	FB3	1.18	TEC	TEH					SG12HCAL00006 720UL
		0.38	113	15	PCT	P2	FB6	1.21	TEC	TEH					SG12HCAL00006 720UL
		0.44	126	17	PCT	P2	FB4	1.16	TEC	TEH					SG12HCAL00006 720UL
		0.62	121	21	PCT	P2	FB5	1.09	TEC	TEH					SG12HCAL00006 720UL
73	57	0.11	141	5	PCT	P2	FB3	1.23	TEC	TEH					SG12HCAL00005 720UL
		0.12	116	6	PCT	P2	FB8	1.68	TEC	TEH					SG12HCAL00005 720UL
		0.13	100	6	PCT	P2	FB6	1.29	TEC	TEH					SG12HCAL00005 720UL
		0.15	99	7	PCT	P2	FB5	1.20	TEC	TEH					SG12HCAL00005 720UL
		0.16	147	7	PCT	P2	FB7	1.57	TEC	TEH					SG12HCAL00005 720UL
		0.34	98	14	PCT	P2	FB4	1.09	TEC	TEH					SG12HCAL00005 720UL
		0.36	131	14	PCT	P2	FB4	1.18	TEC	TEH					SG12HCAL00005 720UL
		0.54	123	19	PCT	P2	FB6	1.20	TEC	TEH					SG12HCAL00005 720UL
		0.73	127	23	PCT	P2	FB5	1.11	TEC	TEH					SG12HCAL00005 720UL
73	61	0.11	74	5	PCT	P2	FB4	1.02	TEC	TEH					SG12HCAL00004 720UL
73	63	0.15	118	7	PCT	P2	FB4	1.02	TEC	TEH					SG12HCAL00004 720UL
		0.20	122	9	PCT	P2	FB5	1.09	TEC	TEH					SG12HCAL00004 720UL
73	65	0.13	46	6	PCT	P2	FB3	1.23	TEC	TEH					SG12HCAL00004 720UL
		0.31	120	13	PCT	P2	FB4	1.05	TEC	TEH					SG12HCAL00004 720UL
		0.34	120	14	PCT	P2	FB5	1.16	TEC	TEH					SG12HCAL00004 720UL
		0.38	126	15	PCT	P2	FB6	1.25	TEC	TEH					SG12HCAL00004 720UL
73	67	0.12	146	6	PCT	P2	FB6	1.27	TEC	TEH					SG12HCAL00004 720UL
		0.25	115	11	PCT	P2	FB5	1.09	TEC	TEH					SG12HCAL00004 720UL
		0.26	119	11	PCT	P2	FB3	1.32	TEC	TEH					SG12HCAL00004 720UL
		0.34	139	14	PCT	P2	FB5	1.18	TEC	TEH					SG12HCAL00004 720UL
		0.38	107	15	PCT	P2	FB4	1.25	TEC	TEH					SG12HCAL00004 720UL
		0.38	129	15	PCT	P2	FB4	1.11	TEC	TEH					SG12HCAL00004 720UL
73	69	0.11	125	5	PCT	P2	FB3	1.27	TEC	TEH					SG12HCAL00004 720UL
		0.24	107	10	PCT	P2	FB5	1.07	TEC	TEH					SG12HCAL00004 720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.32	119	13		PCT P2	FB4	1.05	TEC	TEH				SG12HCAL00004	720UL
74	44	0.27	135	12		PCT P2	FB5	1.13	TEC	TEH				SG12HCAL00007	720UL
		0.54	128	20		PCT P2	FB4	-1.20	TEC	TEH				SG12HCAL00007	720UL
74	46	0.09	86	5		PCT P2	FB6	1.20	TEC	TEH				SG12HCAL00006	720UL
		0.24	101	11		PCT P2	FB4	-1.14	TEC	TEH				SG12HCAL00006	720UL
		0.56	123	20		PCT P2	FB5	1.11	TEC	TEH				SG12HCAL00006	720UL
74	58	0.24	102	10		PCT P2	FB4	-1.16	TEC	TEH				SG12HCAL00004	720UL
		0.26	132	11		PCT P2	FB5	-1.18	TEC	TEH				SG12HCAL00004	720UL
74	60	0.22	129	10		PCT P2	FB6	1.14	TEC	TEH				SG12HCAL00004	720UL
		0.31	117	13		PCT P2	FB3	1.23	TEC	TEH				SG12HCAL00004	720UL
		0.33	121	13		PCT P2	FB5	1.05	TEC	TEH				SG12HCAL00004	720UL
		0.36	129	14		PCT P2	FB6	-1.25	TEC	TEH				SG12HCAL00004	720UL
		0.43	127	16		PCT P2	FB4	1.16	TEC	TEH				SG12HCAL00004	720UL
		0.49	117	18		PCT P2	FB4	-1.11	TEC	TEH				SG12HCAL00004	720UL
		0.69	131	22		PCT P2	FB5	-1.18	TEC	TEH				SG12HCAL00004	720UL
74	62	0.09	123	4		PCT P2	FB5	1.05	TEC	TEH				SG12HCAL00004	720UL
		0.11	56	5		PCT P2	FB4	-1.16	TEC	TEH				SG12HCAL00004	720UL
74	68	0.18	124	8		PCT P2	FB4	-1.14	TEC	TEH				SG12HCAL00004	720UL
75	37	0.11	137	6		PCT P2	FB4	1.04	TEC	TEH				SG12HCAL00007	720UL
		0.12	125	6		PCT P2	FB3	1.27	TEC	TEH				SG12HCAL00007	720UL
		0.14	147	7		PCT P2	FB5	-1.09	TEC	TEH				SG12HCAL00007	720UL
75	53	0.09	106	5		PCT P2	FB7	-1.62	TEC	TEH				SG12HCAL00006	720UL
		0.24	106	10		PCT P2	FB6	-1.23	TEC	TEH				SG12HCAL00006	720UL
		0.46	121	17		PCT P2	FB6	1.18	TEC	TEH				SG12HCAL00006	720UL
		0.67	121	22		PCT P2	FB5	-1.11	TEC	TEH				SG12HCAL00006	720UL
		0.83	124	25		PCT P2	FB3	-1.32	TEC	TEH				SG12HCAL00006	720UL
		1.02	132	27		PCT P2	FB4	-1.21	TEC	TEH				SG12HCAL00006	720UL
75	67	0.16	73	7		PCT P2	FB3	-1.20	TEC	TEH				SG12HCAL00003	720UL
		0.18	134	8		PCT P2	FB6	-1.20	TEC	TEH				SG12HCAL00003	720UL
		0.50	133	18		PCT P2	FB5	-1.18	TEC	TEH				SG12HCAL00003	720UL
		0.79	128	24		PCT P2	FB4	1.11	TEC	TEH				SG12HCAL00003	720UL
75	69	0.17	71	8		PCT P2	FB4	1.02	TEC	TEH				SG12HCAL00004	720UL
75	71	0.13	143	6		PCT P2	FB4	1.11	TEC	TEH				SG12HCAL00003	720UL
76	40	0.12	84	6		PCT P2	FB4	-1.07	TEC	TEH				SG12HCAL00007	720UL
		0.22	132	10		PCT P2	FB5	1.23	TEC	TEH				SG12HCAL00007	720UL
76	60	0.16	82	7		PCT P2	FB4	-1.07	TEC	TEH				SG12HCAL00005	720UL
		0.16	83	7		PCT P2	FB5	1.16	TEC	TEH				SG12HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
76	64	0.12	122	6	PCT	P2	FB6	-1.19	TEC	TEH				SG12HCAL00003	720UL
		0.14	146	7	PCT	P2	FB3	1.43	TEC	TEH				SG12HCAL00003	720UL
		0.19	142	9	PCT	P2	FB7	1.52	TEC	TEH				SG12HCAL00003	720UL
		0.33	118	14	PCT	P2	FB3	-1.10	TEC	TEH				SG12HCAL00003	720UL
		0.80	128	24	PCT	P2	FB6	1.19	TEC	TEH				SG12HCAL00003	720UL
		1.99	115	36	PCT	P2	FB5	1.10	TEC	TEH				SG12HCAL00003	720UL
		2.10	124	37	PCT	P2	FB4	-1.08	TEC	TEH				SG12HCAL00003	720UL
76	66	0.09	150	5	PCT	P2	FB5	1.16	TEC	TEH				SG12HCAL00003	720UL
		0.14	91	7	PCT	P2	FB4	1.25	TEC	TEH				SG12HCAL00003	720UL
76	68	0.13	125	6	PCT	P2	FB3	1.29	TEC	TEH				SG12HCAL00003	720UL
		0.57	133	20	PCT	P2	FB5	1.18	TEC	TEH				SG12HCAL00003	720UL
		0.65	133	22	PCT	P2	FB4	-1.11	TEC	TEH				SG12HCAL00003	720UL
76	70	0.10	126	5	PCT	P2	FB4	-1.09	TEC	TEH				SG12HCAL00003	720UL
76	72	0.22	113	10	PCT	P2	FB4	-1.13	TEC	TEH				SG12HCAL00003	720UL
77	37	0.15	88	7	PCT	P2	FB4	1.07	TEC	TEH				SG12HCAL00008	720UL
		0.19	93	9	PCT	P2	FB5	-1.11	TEC	TEH				SG12HCAL00008	720UL
77	39	0.18	85	8	PCT	P2	FB4	1.02	TEC	TEH				SG12HCAL00008	720UL
		0.18	116	8	PCT	P2	FB5	-1.14	TEC	TEH				SG12HCAL00008	720UL
77	43	0.17	135	8	PCT	P2	FB7	-1.47	TEC	TEH				SG12HCAL00008	720UL
		0.19	128	8	PCT	P2	FB2	1.41	TEC	TEH				SG12HCAL00008	720UL
		0.71	129	22	PCT	P2	FB6	-1.25	TEC	TEH				SG12HCAL00008	720UL
		0.76	124	23	PCT	P2	FB3	1.25	TEC	TEH				SG12HCAL00008	720UL
		1.20	118	29	PCT	P2	FB4	1.09	TEC	TEH				SG12HCAL00008	720UL
		2.00	116	36	PCT	P2	FB5	-1.13	TEC	TEH				SG12HCAL00008	720UL
77	57	0.26	127	11	PCT	P2	FB6	1.25	TEC	TEH				SG12HCAL00006	720UL
		0.28	141	12	PCT	P2	FB4	1.14	TEC	TEH				SG12HCAL00006	720UL
		0.34	115	14	PCT	P2	FB5	-1.12	TEC	TEH				SG12HCAL00006	720UL
		0.36	113	14	PCT	P2	FB3	-1.25	TEC	TEH				SG12HCAL00006	720UL
		0.54	125	19	PCT	P2	FB4	-1.16	TEC	TEH				SG12HCAL00006	720UL
		0.72	124	23	PCT	P2	FB5	1.12	TEC	TEH				SG12HCAL00006	720UL
77	61	0.29	130	12	PCT	P2	FB4	1.09	TEC	TEH				SG12HCAL00004	720UL
		0.41	128	15	PCT	P2	FB5	-1.21	TEC	TEH				SG12HCAL00004	720UL
		0.56	125	19	PCT	P2	FB6	-1.21	TEC	TEH				SG12HCAL00004	720UL
		0.57	123	20	PCT	P2	FB4	-1.16	TEC	TEH				SG12HCAL00004	720UL
		0.81	114	24	PCT	P2	FB5	1.05	TEC	TEH				SG12HCAL00004	720UL
		1.06	125	28	PCT	P2	FB3	1.18	TEC	TEH				SG12HCAL00004	720UL
77	63	0.10	129	5	PCT	P2	FB4	1.16	TEC	TEH				SG12HCAL00003	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
77	65	0.11	146	6		PCT P2	FB6	-1.13		TEC	TEH			SG12HCAL00003	720UL
		0.22	105	10		PCT P2	FB4	1.16		TEC	TEH			SG12HCAL00003	720UL
		0.23	93	10		PCT P2	FB5	-1.13		TEC	TEH			SG12HCAL00003	720UL
77	67	0.14	86	7		PCT P2	FB2	-1.52		TEC	TEH			SG12HCAL00003	720UL
		0.29	129	12		PCT P2	FB7	-1.59		TEC	TEH			SG12HCAL00003	720UL
		0.75	131	23		PCT P2	FB3	-1.13		TEC	TEH			SG12HCAL00003	720UL
		0.78	123	24		PCT P2	FB4	1.16		TEC	TEH			SG12HCAL00003	720UL
		0.85	128	25		PCT P2	FB6	-1.13		TEC	TEH			SG12HCAL00003	720UL
		1.63	123	34		PCT P2	FB5	-1.20		TEC	TEH			SG12HCAL00003	720UL
78	44	0.20	99	9		PCT P2	FB4	1.18		TEC	TEH			SG12HCAL00006	720UL
		0.23	105	10		PCT P2	FB3	1.38		TEC	TEH			SG12HCAL00006	720UL
		0.23	133	10		PCT P2	FB6	1.25		TEC	TEH			SG12HCAL00006	720UL
		0.25	93	11		PCT P2	FB6	-1.20		TEC	TEH			SG12HCAL00006	720UL
		0.34	135	14		PCT P2	FB3	-1.25		TEC	TEH			SG12HCAL00006	720UL
		1.13	119	29		PCT P2	FB4	-1.18		TEC	TEH			SG12HCAL00006	720UL
		2.02	120	36		PCT P2	FB5	1.09		TEC	TEH			SG12HCAL00006	720UL
78	54	0.10	144	5		PCT P2	FB4	0.00		TEC	TEH			SG12HCAL00005	720UL
		0.13	120	6		PCT P2	FB5	0.00		TEC	TEH			SG12HCAL00005	720UL
		0.17	97	8		PCT P2	FB6	0.00		TEC	TEH			SG12HCAL00005	720UL
78	64	0.14	133	7		PCT P2	FB3	1.41		TEC	TEH			SG12HCAL00003	720UL
		0.18	94	8		PCT P2	FB5	1.11		TEC	TEH			SG12HCAL00003	720UL
		0.25	102	11		PCT P2	FB4	-1.13		TEC	TEH			SG12HCAL00003	720UL
78	66	0.40	125	15		PCT P2	FB5	1.07		TEC	TEH			SG12HCAL00004	720UL
		0.52	119	18		PCT P2	FB4	-1.16		TEC	TEH			SG12HCAL00004	720UL
79	49	0.18	69	8		PCT P2	FB4	1.11		TEC	TEH			SG12HCAL00006	720UL
		0.18	127	8		PCT P2	FB5	1.16		TEC	TEH			SG12HCAL00006	720UL
79	51	0.37	121	16		PCT P2	FB6	-1.32		TEC	TEH			SG12HCAL00025	720UL
		0.59	131	22		PCT P2	FB5	-1.16		TEC	TEH			SG12HCAL00025	720UL
		0.66	124	24		PCT P2	FB4	1.00		TEC	TEH			SG12HCAL00025	720UL
79	55	0.09	117	5		PCT P2	FB4	1.41		TEC	TEH			SG12HCAL00025	720UL
79	61	0.38	122	15		PCT P2	FB3	-1.16		TEC	TEH			SG12HCAL00004	720UL
		1.04	130	27		PCT P2	FB6	-1.18		TEC	TEH			SG12HCAL00004	720UL
		1.14	120	29		PCT P2	FB4	1.09		TEC	TEH			SG12HCAL00004	720UL
		1.58	120	33		PCT P2	FB5	-1.09		TEC	TEH			SG12HCAL00004	720UL
80	50	0.11	71	6		PCT P2	FB6	-1.14		TEC	TEH			SG12HCAL00006	720UL
		0.13	34	6		PCT P2	FB4	-1.14		TEC	TEH			SG12HCAL00006	720UL
		0.14	77	7		PCT P2	FB5	1.16		TEC	TEH			SG12HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
0.17	133	8	PCT	P2	FB6	1.18				TEC	TEH			SG12H	CAL00006.720UL

INTENTIONALLY BLANK

**Attachment 3 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Fan Bar Service Induced Indications

SG 13 PCT>0% at Fan Bars



SG13 PCT > 0% at Fan Bars

UTILITY:	AEP	DATE:	Dec 12 2014 16:01:36
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 13	DATABASE:	DCC_SG13_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)-SI	HL Special Interest	MRPC	720PP	INLET
(H-3)	H/L Hist PLP Bounding	MRPC	720PP	INLET
(H-4)	H/L Full Length Bobbin	BOBBIN	720UL	INLET
(H-5)-SI	UB Special Interest	MRPC	680PP	INLET
(H-6)	H/L Low Row Tubes Rows 1 and 2	BOBBIN	700UC	INLET
(H-7)	HL To Be Plugged	MRPC	680MB	INLET
(C-1)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-2)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	MRPC	680MB	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08H TO 08C
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
1	71	0.22	119	10	PCT	P2	FB8	1.36	08C	08H				SG13HCAL00050	700UC
1	81	0.10	118	5	PCT	P2	FB1	0.72	08C	08H				SG13HCAL00050	700UC
30	70	0.28	83	13	PCT	P2	FB5	0.98	TEC	TEH				SG13HCAL00014	720UL
31	53	0.11	95	6	PCT	P2	FB8	1.99	TEC	TEH				SG13HCAL00013	720UL
37	43	0.14	90	8	PCT	P2	FB4	1.44	TEC	TEH				SG13HCAL00012	720UL
38	54	0.12	23	6	PCT	P2	FB4	0.05	TEC	TEH				SG13HCAL00013	720UL
38	60	0.09	76	5	PCT	P2	FB8	-0.81	TEC	TEH				SG13HCAL00013	720UL
43	69	0.11	152	5	PCT	P2	FB4	1.31	TEC	TEH				SG13HCAL00010	720UL
44	48	0.10	142	5	PCT	P2	FB6	2.01	TEC	TEH				SG13HCAL00011	720UL
46	74	0.11	142	5	PCT	P2	FB6	2.08	TEC	TEH				SG13HCAL00009	720UL
48	54	0.09	46	5	PCT	P2	FB4	-0.09	TEC	TEH				SG13HCAL00014	720UL
48	56	0.15	62	7	PCT	P2	FB4	1.06	TEC	TEH				SG13HCAL00013	720UL
48	60	0.10	136	5	PCT	P2	FB6	1.62	TEC	TEH				SG13HCAL00013	720UL
48	62	0.10	101	6	PCT	P2	FB4	-1.19	TEC	TEH				SG13HCAL00014	720UL
48	66	0.08	147	4	PCT	P2	FB4	-1.11	TEC	TEH				SG13HCAL00009	720UL
48	76	0.10	76	5	PCT	P2	FB6	2.05	TEC	TEH				SG13HCAL00009	720UL
49	63	0.26	84	13	PCT	P2	FB5	-1.21	TEC	TEH				SG13HCAL00014	720UL
		0.18	144	9	PCT	P2	FB4	1.10	TEC	TEH				SG13HCAL00014	720UL
		0.32	124	15	PCT	P2	FB4	-1.26	TEC	TEH				SG13HCAL00014	720UL
		0.32	91	15	PCT	P2	FB5	1.10	TEC	TEH				SG13HCAL00014	720UL
49	65	0.14	58	7	PCT	P2	FB5	-1.18	TEC	TEH				SG13HCAL00013	720UL
50	66	0.10	132	5	PCT	P2	FB6	-0.89	TEC	TEH				SG13HCAL00010	720UL
52	44	0.23	127	12	PCT	P2	FB3	0.63	TEC	TEH				SG13HCAL00012	720UL
53	49	0.35	95	14	PCT	P2	FB5	-1.18	TEC	TEH				SG13HCAL00011	720UL
53	51	0.14	54	8	PCT	P2	FB4	1.09	TEC	TEH				SG13HCAL00012	720UL
53	63	0.18	147	9	PCT	P2	FB4	-1.25	TEC	TEH				SG13HCAL00013	720UL
		0.28	149	13	PCT	P2	FB5	1.11	TEC	TEH				SG13HCAL00013	720UL
		0.10	29	5	PCT	P2	FB4	1.20	TEC	TEH				SG13HCAL00013	720UL
53	65	0.12	35	6	PCT	P2	FB4	1.22	TEC	TEH				SG13HCAL00013	720UL
54	52	0.21	57	11	PCT	P2	FB4	-1.30	TEC	TEH				SG13HCAL00014	720UL
		0.42	95	18	PCT	P2	FB5	0.98	TEC	TEH				SG13HCAL00014	720UL
54	60	0.32	134	14	PCT	P2	FB4	-1.23	TEC	TEH				SG13HCAL00013	720UL
		0.23	140	11	PCT	P2	FB5	1.18	TEC	TEH				SG13HCAL00013	720UL
54	72	0.11	51	5	PCT	P2	FB6	-0.83	TEC	TEH				SG13HCAL00009	720UL
		0.08	53	4	PCT	P2	FB4	-1.18	TEC	TEH				SG13HCAL00009	720UL
55	41	0.14	65	6	PCT	P2	FB6	1.43	TEC	TEH				SG13HCAL00011	720UL
		0.18	51	8	PCT	P2	FB4	1.13	TEC	TEH				SG13HCAL00011	720UL
55	55	0.09	26	5	PCT	P2	FB4	0.95	TEC	TEH				SG13HCAL00014	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
55	63	0.14 83	8	PCT	P2	FB4	-1.28		TEC	TEH				SG13HCAL00014 720UL	
		0.23 133	12	PCT	P2	FB4	-1.14		TEC	TEH				SG13HCAL00014 720UL	
		0.12 101	7	PCT	P2	FB5	-1.00		TEC	TEH				SG13HCAL00014 720UL	
56	56	0.08 134	4	PCT	P2	FB4	-0.65		TEC	TEH				SG13HCAL00013 720UL	
56	70	0.09 17	4	PCT	P2	FB4	-1.09		TEC	TEH				SG13HCAL00009 720UL	
56	72	0.14 62	6	PCT	P2	FB6	-0.83		TEC	TEH				SG13HCAL00009 720UL	
57	41	0.11 157	5	PCT	P2	FB6	-2.01		TEC	TEH				SG13HCAL00011 720UL	
		0.20 146	9	PCT	P2	FB5	-1.15		TEC	TEH				SG13HCAL00011 720UL	
		0.12 151	6	PCT	P2	FB4	-1.18		TEC	TEH				SG13HCAL00011 720UL	
		0.29 137	12	PCT	P2	FB7	-2.22		TEC	TEH				SG13HCAL00011 720UL	
57	57	0.12 98	6	PCT	P2	FB4	-1.75		TEC	TEH				SG13HCAL00013 720UL	
		0.11 141	6	PCT	P2	FB5	-0.60		TEC	TEH				SG13HCAL00013 720UL	
		0.16 147	8	PCT	P2	FB4	-1.06		TEC	TEH				SG13HCAL00013 720UL	
57	59	0.18 62	9	PCT	P2	FB4	-1.07		TEC	TEH				SG13HCAL00014 720UL	
57	61	0.11 30	6	PCT	P2	FB4	-1.20		TEC	TEH				SG13HCAL00013 720UL	
58	58	0.22 115	11	PCT	P2	FB4	-1.07		TEC	TEH				SG13HCAL00014 720UL	
		0.24 92	12	PCT	P2	FB5	-1.25		TEC	TEH				SG13HCAL00014 720UL	
		0.16 95	8	PCT	P2	FB3	-1.32		TEC	TEH				SG13HCAL00014 720UL	
58	62	0.11 131	6	PCT	P2	FB4	-1.16		TEC	TEH				SG13HCAL00014 720UL	
58	64	0.41 93	16	PCT	P2	FB5	-1.13		TEC	TEH				SG13HCAL00013 720UL	
		0.34 129	15	PCT	P2	FB4	-1.22		TEC	TEH				SG13HCAL00013 720UL	
		0.08 100	4	PCT	P2	FB5	-1.18		TEC	TEH				SG13HCAL00013 720UL	
58	66	0.17 58	8	PCT	P2	FB4	-1.26		TEC	TEH				SG13HCAL00010 720UL	
58	68	0.14 122	7	PCT	P2	FB4	-1.12		TEC	TEH				SG13HCAL00010 720UL	
58	70	0.13 91	6	PCT	P2	FB4	-1.19		TEC	TEH				SG13HCAL00010 720UL	
58	72	0.12 112	6	PCT	P2	FB4	-1.23		TEC	TEH				SG13HCAL00010 720UL	
59	51	0.08 87	4	PCT	P2	FB5	-1.12		TEC	TEH				SG13HCAL00012 720UL	
59	57	0.16 89	8	PCT	P2	FB4	-1.07		TEC	TEH				SG13HCAL00014 720UL	
		0.17 91	9	PCT	P2	FB5	-1.19		TEC	TEH				SG13HCAL00014 720UL	
		0.15 109	8	PCT	P2	FB5	-1.21		TEC	TEH				SG13HCAL00014 720UL	
59	67	0.16 138	8	PCT	P2	FB3	-1.23		TEC	TEH				SG13HCAL00010 720UL	
		0.42 139	16	PCT	P2	FB4	-1.00		TEC	TEH				SG13HCAL00010 720UL	
		0.13 156	6	PCT	P2	FB5	-1.32		TEC	TEH				SG13HCAL00010 720UL	
59	69	0.10 155	5	PCT	P2	FB4	-1.00		TEC	TEH				SG13HCAL00010 720UL	
60	54	0.21 134	10	PCT	P2	FB6	-0.05		TEC	TEH				SG13HCAL00005 720UL	
		0.19 93	9	PCT	P2	FB3	-0.00		TEC	TEH				SG13HCAL00005 720UL	
		0.27 65	12	PCT	P2	FB4	-0.05		TEC	TEH				SG13HCAL00005 720UL	

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.32	128	14	PCT	P2	FB5	0.00		TEC	TEH			SG13HCAL00005	720UL
60	56	0.09	41	5	PCT	P2	FB4	-1.16		TEC	TEH			SG13HCAL00005	720UL
60	62	0.45	109	18	PCT	P2	FB4	-1.27		TEC	TEH			SG13HCAL00005	720UL
		0.31	147	13	PCT	P2	FB5	1.09		TEC	TEH			SG13HCAL00005	720UL
		0.14	62	7	PCT	P2	FB5	-1.23		TEC	TEH			SG13HCAL00005	720UL
		0.15	78	7	PCT	P2	FB3	-1.30		TEC	TEH			SG13HCAL00005	720UL
60	68	0.11	154	5	PCT	P2	FB4	-1.20		TEC	TEH			SG13HCAL00007	720UL
61	41	0.10	73	5	PCT	P2	FB4	1.10		TEC	TEH			SG13HCAL00001	720UL
61	51	0.15	121	7	PCT	P2	FB4	1.14		TEC	TEH			SG13HCAL00005	720UL
61	59	0.11	142	6	PCT	P2	FB3	1.18		TEC	TEH			SG13HCAL00005	720UL
		0.26	132	12	PCT	P2	FB6	1.18		TEC	TEH			SG13HCAL00005	720UL
		0.52	121	19	PCT	P2	FB5	1.21		TEC	TEH			SG13HCAL00005	720UL
		0.22	141	10	PCT	P2	FB5	-1.18		TEC	TEH			SG13HCAL00005	720UL
		0.28	134	12	PCT	P2	FB4	1.23		TEC	TEH			SG13HCAL00005	720UL
		0.31	127	13	PCT	P2	FB4	-1.23		TEC	TEH			SG13HCAL00005	720UL
		0.13	63	6	PCT	P2	FB3	-1.28		TEC	TEH			SG13HCAL00005	720UL
61	63	0.12	153	6	PCT	P2	FB4	-1.23		TEC	TEH			SG13HCAL00007	720UL
		0.09	122	5	PCT	P2	FB6	1.18		TEC	TEH			SG13HCAL00007	720UL
		0.22	74	10	PCT	P2	FB5	1.09		TEC	TEH			SG13HCAL00007	720UL
		0.19	129	9	PCT	P2	FB5	-1.13		TEC	TEH			SG13HCAL00007	720UL
		0.22	87	10	PCT	P2	FB4	1.13		TEC	TEH			SG13HCAL00007	720UL
61	69	0.22	80	10	PCT	P2	FB4	1.07		TEC	TEH			SG13HCAL00007	720UL
61	71	0.11	154	5	PCT	P2	FB4	1.14		TEC	TEH			SG13HCAL00001	720UL
62	50	0.09	57	5	PCT	P2	FB4	-1.18		TEC	TEH			SG13HCAL00005	720UL
62	52	0.32	91	14	PCT	P2	FB4	-1.30		TEC	TEH			SG13HCAL00005	720UL
		0.13	85	7	PCT	P2	FB3	-1.23		TEC	TEH			SG13HCAL00005	720UL
62	54	0.10	108	5	PCT	P2	FB4	0.46		TEC	TEH			SG13HCAL00005	720UL
62	56	0.11	151	5	PCT	P2	FB6	-1.32		TEC	TEH			SG13HCAL00005	720UL
		0.20	72	9	PCT	P2	FB4	-1.16		TEC	TEH			SG13HCAL00005	720UL
		0.25	125	11	PCT	P2	FB5	1.11		TEC	TEH			SG13HCAL00005	720UL
62	58	0.22	79	10	PCT	P2	FB5	-1.21		TEC	TEH			SG13HCAL00006	720UL
		0.33	107	13	PCT	P2	FB4	1.07		TEC	TEH			SG13HCAL00006	720UL
62	62	0.14	133	7	PCT	P2	FB4	-1.23		TEC	TEH			SG13HCAL00005	720UL
62	64	0.30	117	13	PCT	P2	FB4	-1.23		TEC	TEH			SG13HCAL00007	720UL
		0.24	104	11	PCT	P2	FB6	1.27		TEC	TEH			SG13HCAL00007	720UL
		0.75	129	23	PCT	P2	FB5	1.04		TEC	TEH			SG13HCAL00007	720UL
		0.32	111	13	PCT	P2	FB3	-1.41		TEC	TEH			SG13HCAL00007	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
62	66	0.17	90	9	PCT	P2	FB3	-1.26	TEC	TEH				SG13HCAL00008	720UL
		0.38	130	17	PCT	P2	FB5	-1.17	TEC	TEH				SG13HCAL00008	720UL
		0.33	133	15	PCT	P2	FB5	1.12	TEC	TEH				SG13HCAL00008	720UL
		0.23	130	12	PCT	P2	FB3	1.28	TEC	TEH				SG13HCAL00008	720UL
		0.27	100	13	PCT	P2	FB4	1.17	TEC	TEH				SG13HCAL00008	720UL
		0.75	115	25	PCT	P2	FB4	-1.24	TEC	TEH				SG13HCAL00008	720UL
		0.27	123	13	PCT	P2	FB6	-1.37	TEC	TEH				SG13HCAL00008	720UL
		0.14	83	8	PCT	P2	FB6	1.21	TEC	TEH				SG13HCAL00008	720UL
62	72	0.09	127	4	PCT	P2	FB5	1.14	TEC	TEH				SG13HCAL00001	720UL
63	45	0.13	93	6	PCT	P2	FB3	1.12	TEC	TEH				SG13HCAL00003	720UL
63	55	0.11	138	5	PCT	P2	FB3	-1.28	TEC	TEH				SG13HCAL00006	720UL
		0.16	68	7	PCT	P2	FB5	-1.12	TEC	TEH				SG13HCAL00006	720UL
		0.50	133	18	PCT	P2	FB4	-1.30	TEC	TEH				SG13HCAL00006	720UL
		0.13	110	6	PCT	P2	FB6	-1.37	TEC	TEH				SG13HCAL00006	720UL
		0.69	121	22	PCT	P2	FB5	1.02	TEC	TEH				SG13HCAL00006	720UL
63	57	0.25	125	11	PCT	P2	FB5	0.98	TEC	TEH				SG13HCAL00006	720UL
		0.34	101	14	PCT	P2	FB4	-1.31	TEC	TEH				SG13HCAL00006	720UL
63	59	0.43	118	17	PCT	P2	FB5	-1.16	TEC	TEH				SG13HCAL00005	720UL
		0.40	129	16	PCT	P2	FB4	-1.23	TEC	TEH				SG13HCAL00005	720UL
		0.09	109	5	PCT	P2	FB3	1.28	TEC	TEH				SG13HCAL00005	720UL
		0.12	149	6	PCT	P2	FB3	-1.35	TEC	TEH				SG13HCAL00005	720UL
		0.12	66	6	PCT	P2	FB6	1.30	TEC	TEH				SG13HCAL00005	720UL
		0.47	114	18	PCT	P2	FB5	1.16	TEC	TEH				SG13HCAL00005	720UL
		0.40	127	16	PCT	P2	FB4	1.23	TEC	TEH				SG13HCAL00005	720UL
63	61	0.46	133	18	PCT	P2	FB6	-1.25	TEC	TEH				SG13HCAL00005	720UL
		0.99	124	28	PCT	P2	FB4	1.28	TEC	TEH				SG13HCAL00005	720UL
		0.70	131	23	PCT	P2	FB5	-1.14	TEC	TEH				SG13HCAL00005	720UL
		0.23	112	11	PCT	P2	FB3	1.21	TEC	TEH				SG13HCAL00005	720UL
63	63	0.38	108	15	PCT	P2	FB4	-1.25	TEC	TEH				SG13HCAL00007	720UL
		0.07	143	4	PCT	P2	FB3	-1.32	TEC	TEH				SG13HCAL00007	720UL
		0.15	72	7	PCT	P2	FB4	1.18	TEC	TEH				SG13HCAL00007	720UL
		0.37	137	15	PCT	P2	FB5	-1.14	TEC	TEH				SG13HCAL00007	720UL
		0.17	158	8	PCT	P2	FB6	-1.32	TEC	TEH				SG13HCAL00007	720UL
63	65	0.11	85	6	PCT	P2	FB4	1.21	TEC	TEH				SG13HCAL00008	720UL
63	69	0.18	110	9	PCT	P2	FB4	1.06	TEC	TEH				SG13HCAL00007	720UL
63	73	0.11	67	5	PCT	P2	FB6	-1.34	TEC	TEH				SG13HCAL00001	720UL
64	50	0.16	127	7	PCT	P2	FB4	-1.30	TEC	TEH				SG13HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
64	58	0.18 91	8	PCT	P2	FB4	-1.16		TEC	TEH				SG13HCAL00006	720UL
		0.23 126	10	PCT	P2	FB5	-1.21		TEC	TEH				SG13HCAL00006	720UL
64	68	0.19 94	10	PCT	P2	FB4	-1.07		TEC	TEH				SG13HCAL00008	720UL
64	70	0.22 134	11	PCT	P2	FB4	-1.09		TEC	TEH				SG13HCAL00008	720UL
64	72	0.10 84	5	PCT	P2	FB6	-0.75		TEC	TEH				SG13HCAL00002	720UL
		0.16 59	7	PCT	P2	FB4	-1.10		TEC	TEH				SG13HCAL00002	720UL
65	45	0.14 63	7	PCT	P2	FB5	-1.29		TEC	TEH				SG13HCAL00004	720UL
		0.19 94	9	PCT	P2	FB6	-1.31		TEC	TEH				SG13HCAL00004	720UL
		0.10 160	5	PCT	P2	FB4	-1.12		TEC	TEH				SG13HCAL00004	720UL
65	47	0.11 139	5	PCT	P2	FB4	-1.10		TEC	TEH				SG13HCAL00004	720UL
65	51	0.13 33	6	PCT	P2	FB5	-1.16		TEC	TEH				SG13HCAL00006	720UL
65	55	1.17 115	29	PCT	P2	FB5	-1.00		TEC	TEH				SG13HCAL00006	720UL
		0.32 94	13	PCT	P2	FB4	-1.14		TEC	TEH				SG13HCAL00006	720UL
		0.12 130	6	PCT	P2	FB4	-0.98		TEC	TEH				SG13HCAL00006	720UL
65	57	0.19 59	9	PCT	P2	FB4	-1.24		TEC	TEH				SG13HCAL00006	720UL
		0.11 39	5	PCT	P2	FB5	-1.07		TEC	TEH				SG13HCAL00006	720UL
65	59	0.78 123	24	PCT	P2	FB4	-1.05		TEC	TEH				SG13HCAL00006	720UL
		0.39 102	15	PCT	P2	FB6	-1.17		TEC	TEH				SG13HCAL00006	720UL
		0.20 110	9	PCT	P2	FB3	-1.35		TEC	TEH				SG13HCAL00006	720UL
		0.76 108	23	PCT	P2	FB5	-1.17		TEC	TEH				SG13HCAL00006	720UL
65	63	0.43 147	17	PCT	P2	FB5	-1.07		TEC	TEH				SG13HCAL00007	720UL
		0.13 74	6	PCT	P2	FB6	-1.25		TEC	TEH				SG13HCAL00007	720UL
		0.18 55	8	PCT	P2	FB4	-1.14		TEC	TEH				SG13HCAL00007	720UL
		0.35 113	14	PCT	P2	FB4	-1.18		TEC	TEH				SG13HCAL00007	720UL
		0.18 89	8	PCT	P2	FB3	-1.21		TEC	TEH				SG13HCAL00007	720UL
65	67	0.36 81	16	PCT	P2	FB5	-1.21		TEC	TEH				SG13HCAL00008	720UL
		0.15 121	8	PCT	P2	FB4	-1.10		TEC	TEH				SG13HCAL00008	720UL
		0.13 131	7	PCT	P2	FB4	-1.17		TEC	TEH				SG13HCAL00008	720UL
65	69	0.11 90	6	PCT	P2	FB4	-0.84		TEC	TEH				SG13HCAL00008	720UL
65	71	0.14 136	7	PCT	P2	FB4	-1.17		TEC	TEH				SG13HCAL00002	720UL
		0.10 147	5	PCT	P2	FB3	-1.36		TEC	TEH				SG13HCAL00002	720UL
65	73	0.10 96	5	PCT	P2	FB4	-1.15		TEC	TEH				SG13HCAL00002	720UL
66	48	0.13 80	6	PCT	P2	FB3	-1.49		TEC	TEH				SG13HCAL00006	720UL
		0.15 108	7	PCT	P2	FB5	-1.03		TEC	TEH				SG13HCAL00006	720UL
		0.17 148	8	PCT	P2	FB4	-1.17		TEC	TEH				SG13HCAL00006	720UL
66	52	0.57 119	19	PCT	P2	FB4	-1.28		TEC	TEH				SG13HCAL00006	720UL
		0.47 123	17	PCT	P2	FB5	-1.03		TEC	TEH				SG13HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.17	94	8		PCT	P2	FB6	1.07		TEC	TEH			SG13HCAL00006 720UL
66	56	1.09	113	28		PCT	P2	FB5	-1.21		TEC	TEH			SG13HCAL00006 720UL
		0.35	119	14		PCT	P2	FB4	-1.21		TEC	TEH			SG13HCAL00006 720UL
		0.82	106	24		PCT	P2	FB4	0.98		TEC	TEH			SG13HCAL00006 720UL
		0.14	135	7		PCT	P2	FB5	1.24		TEC	TEH			SG13HCAL00006 720UL
		0.19	84	9		PCT	P2	FB6	-1.38		TEC	TEH			SG13HCAL00006 720UL
		0.14	74	7		PCT	P2	FB6	1.14		TEC	TEH			SG13HCAL00006 720UL
66	60	0.12	98	6		PCT	P2	FB6	-1.28		TEC	TEH			SG13HCAL00006 720UL
		0.12	118	6		PCT	P2	FB1	-1.83		TEC	TEH			SG13HCAL00006 720UL
		0.25	100	11		PCT	P2	FB5	1.07		TEC	TEH			SG13HCAL00006 720UL
66	62	0.13	96	6		PCT	P2	FB6	1.17		TEC	TEH			SG13HCAL00006 720UL
		0.14	107	7		PCT	P2	FB4	1.17		TEC	TEH			SG13HCAL00006 720UL
		0.15	119	7		PCT	P2	FB5	1.10		TEC	TEH			SG13HCAL00006 720UL
		0.13	119	6		PCT	P2	FB3	-1.07		TEC	TEH			SG13HCAL00006 720UL
		0.25	112	11		PCT	P2	FB4	-1.14		TEC	TEH			SG13HCAL00006 720UL
		0.55	109	19		PCT	P2	FB5	-1.17		TEC	TEH			SG13HCAL00006 720UL
66	66	0.22	111	11		PCT	P2	FB4	-1.15		TEC	TEH			SG13HCAL00008 720UL
66	68	0.11	125	6		PCT	P2	FB5	-1.12		TEC	TEH			SG13HCAL00008 720UL
		0.16	113	9		PCT	P2	FB6	1.21		TEC	TEH			SG13HCAL00008 720UL
		0.26	138	13		PCT	P2	FB4	-1.12		TEC	TEH			SG13HCAL00008 720UL
		0.13	153	7		PCT	P2	FB3	-1.24		TEC	TEH			SG13HCAL00008 720UL
		0.29	111	14		PCT	P2	FB5	1.12		TEC	TEH			SG13HCAL00008 720UL
66	70	0.21	141	11		PCT	P2	FB5	1.10		TEC	TEH			SG13HCAL00008 720UL
		0.18	103	9		PCT	P2	FB4	-1.14		TEC	TEH			SG13HCAL00008 720UL
66	72	0.20	91	9		PCT	P2	FB4	-1.22		TEC	TEH			SG13HCAL00002 720UL
66	74	0.08	156	4		PCT	P2	FB4	-1.19		TEC	TEH			SG13HCAL00002 720UL
67	43	0.16	125	7		PCT	P2	FB5	-1.25		TEC	TEH			SG13HCAL00001 720UL
		0.14	154	6		PCT	P2	FB3	1.30		TEC	TEH			SG13HCAL00001 720UL
		0.24	117	10		PCT	P2	FB6	-1.32		TEC	TEH			SG13HCAL00001 720UL
		0.21	87	9		PCT	P2	FB4	1.20		TEC	TEH			SG13HCAL00001 720UL
67	57	0.21	89	9		PCT	P2	FB4	-1.16		TEC	TEH			SG13HCAL00003 720UL
		0.18	64	8		PCT	P2	FB5	1.20		TEC	TEH			SG13HCAL00003 720UL
67	65	0.14	137	7		PCT	P2	FB4	1.13		TEC	TEH			SG13HCAL00005 720UL
		0.09	41	5		PCT	P2	FB6	-1.36		TEC	TEH			SG13HCAL00005 720UL
		0.25	137	11		PCT	P2	FB5	1.13		TEC	TEH			SG13HCAL00005 720UL
		0.10	149	5		PCT	P2	FB3	1.23		TEC	TEH			SG13HCAL00005 720UL
67	67	0.21	80	9		PCT	P2	FB4	1.18		TEC	TEH			SG13HCAL00007 720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
68	40	0.16	109	7	PCT	P2	FB3	-1.30	TEC	TEH				SG13HCAL00001	720UL
		0.34	113	13	PCT	P2	FB4	-1.09	TEC	TEH				SG13HCAL00001	720UL
68	42	0.10	76	4	PCT	P2	FB5	-1.18	TEC	TEH				SG13HCAL00003	720UL
		0.17	113	8	PCT	P2	FB3	-1.30	TEC	TEH				SG13HCAL00003	720UL
		0.26	72	11	PCT	P2	FB4	-1.11	TEC	TEH				SG13HCAL00003	720UL
68	58	0.19	108	9	PCT	P2	FB4	-1.21	TEC	TEH				SG13HCAL00005	720UL
		0.26	142	12	PCT	P2	FB5	-1.14	TEC	TEH				SG13HCAL00005	720UL
		0.28	137	12	PCT	P2	FB4	-1.16	TEC	TEH				SG13HCAL00005	720UL
		0.13	148	6	PCT	P2	FB3	-1.19	TEC	TEH				SG13HCAL00005	720UL
		0.19	123	9	PCT	P2	FB6	-1.39	TEC	TEH				SG13HCAL00005	720UL
68	62	0.10	41	4	PCT	P2	FB5	-1.09	TEC	TEH				SG13HCAL00003	720UL
		0.14	59	6	PCT	P2	FB4	-1.21	TEC	TEH				SG13HCAL00003	720UL
68	64	0.10	35	5	PCT	P2	FB4	-1.13	TEC	TEH				SG13HCAL00005	720UL
68	70	0.09	145	5	PCT	P2	FB4	-1.18	TEC	TEH				SG13HCAL00007	720UL
69	45	0.19	50	8	PCT	P2	FB4	-1.11	TEC	TEH				SG13HCAL00003	720UL
69	51	0.17	86	8	PCT	P2	FB5	-1.21	TEC	TEH				SG13HCAL00005	720UL
		0.11	120	5	PCT	P2	FB7	-0.33	TEC	TEH				SG13HCAL00005	720UL
		0.13	39	6	PCT	P2	FB4	-1.16	TEC	TEH				SG13HCAL00005	720UL
69	55	0.17	96	8	PCT	P2	FB4	-1.16	TEC	TEH				SG13HCAL00005	720UL
		0.39	109	16	PCT	P2	FB3	-1.32	TEC	TEH				SG13HCAL00005	720UL
		0.43	120	17	PCT	P2	FB5	-1.11	TEC	TEH				SG13HCAL00005	720UL
		0.56	123	20	PCT	P2	FB4	-1.09	TEC	TEH				SG13HCAL00005	720UL
		0.23	118	11	PCT	P2	FB6	-1.28	TEC	TEH				SG13HCAL00005	720UL
69	57	0.07	141	4	PCT	P2	FB1	-1.89	TEC	TEH				SG13HCAL00004	720UL
		0.07	36	4	PCT	P2	FB4	-1.50	TEC	TEH				SG13HCAL00004	720UL
69	59	0.99	118	27	PCT	P2	FB5	-1.07	TEC	TEH				SG13HCAL00004	720UL
		0.12	96	6	PCT	P2	FB7	-1.50	TEC	TEH				SG13HCAL00004	720UL
		0.43	120	17	PCT	P2	FB3	-1.19	TEC	TEH				SG13HCAL00004	720UL
		0.50	126	19	PCT	P2	FB4	-1.24	TEC	TEH				SG13HCAL00004	720UL
		0.53	113	19	PCT	P2	FB6	-1.10	TEC	TEH				SG13HCAL00004	720UL
		0.40	121	16	PCT	P2	FB5	-1.26	TEC	TEH				SG13HCAL00004	720UL
69	61	0.13	51	6	PCT	P2	FB4	-1.14	TEC	TEH				SG13HCAL00003	720UL
69	63	0.73	136	23	PCT	P2	FB5	-1.11	TEC	TEH				SG13HCAL00007	720UL
		0.24	100	11	PCT	P2	FB6	-1.32	TEC	TEH				SG13HCAL00007	720UL
		0.46	131	18	PCT	P2	FB4	-1.22	TEC	TEH				SG13HCAL00007	720UL
		0.15	109	7	PCT	P2	FB5	-1.16	TEC	TEH				SG13HCAL00007	720UL
		0.29	128	12	PCT	P2	FB3	-1.32	TEC	TEH				SG13HCAL00007	720UL

ROW	COL	V	PH	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.28	116	12		PCT	P2	FB4	-1.20	TEC	TEH			SG13HCAL00007	720UL
69	65	0.24	140	10		PCT	P2	FB7	-0.79	TEC	TEH			SG13HCAL00006	720UL
69	67	0.16	123	7		PCT	P2	FB3	1.23	TEC	TEH			SG13HCAL00006	720UL
		0.10	115	5		PCT	P2	FB6	1.09	TEC	TEH			SG13HCAL00006	720UL
		0.24	93	10		PCT	P2	FB5	1.12	TEC	TEH			SG13HCAL00006	720UL
69	69	0.13	123	6		PCT	P2	FB4	1.13	TEC	TEH			SG13HCAL00007	720UL
69	71	0.10	139	6		PCT	P2	FB4	1.05	TEC	TEH			SG13HCAL00008	720UL
		0.08	108	5		PCT	P2	FB3	1.26	TEC	TEH			SG13HCAL00008	720UL
70	50	0.19	146	9		PCT	P2	FB4	-1.11	TEC	TEH			SG13HCAL00005	720UL
		0.19	101	9		PCT	P2	FB5	1.14	TEC	TEH			SG13HCAL00005	720UL
70	54	1.82	114	34		PCT	P2	FB4	0.02	TEC	TEH			SG13HCAL00003	720UL
		0.12	107	6		PCT	P2	FB7	-0.09	TEC	TEH			SG13HCAL00003	720UL
		0.59	115	19		PCT	P2	FB6	-0.09	TEC	TEH			SG13HCAL00003	720UL
		1.04	110	27		PCT	P2	FB5	-0.05	TEC	TEH			SG13HCAL00003	720UL
		0.34	115	13		PCT	P2	FB3	-0.05	TEC	TEH			SG13HCAL00003	720UL
70	56	0.12	72	6		PCT	P2	FB3	1.33	TEC	TEH			SG13HCAL00006	720UL
		0.23	124	10		PCT	P2	FB6	-1.19	TEC	TEH			SG13HCAL00006	720UL
		0.42	133	16		PCT	P2	FB5	-1.17	TEC	TEH			SG13HCAL00006	720UL
		0.15	128	7		PCT	P2	FB4	1.03	TEC	TEH			SG13HCAL00006	720UL
		0.23	124	10		PCT	P2	FB4	-1.17	TEC	TEH			SG13HCAL00006	720UL
		0.12	141	6		PCT	P2	FB3	-1.21	TEC	TEH			SG13HCAL00006	720UL
70	64	0.59	123	22		PCT	P2	FB4	-1.24	TEC	TEH			SG13HCAL00008	720UL
		0.33	97	15		PCT	P2	FB4	1.12	TEC	TEH			SG13HCAL00008	720UL
		0.13	79	7		PCT	P2	FB5	-1.29	TEC	TEH			SG13HCAL00008	720UL
		1.06	120	30		PCT	P2	FB5	1.17	TEC	TEH			SG13HCAL00008	720UL
		0.16	123	9		PCT	P2	FB6	-1.19	TEC	TEH			SG13HCAL00008	720UL
		0.41	111	18		PCT	P2	FB6	1.17	TEC	TEH			SG13HCAL00008	720UL
		0.24	121	12		PCT	P2	FB3	-1.15	TEC	TEH			SG13HCAL00008	720UL
		0.19	104	10		PCT	P2	FB3	1.29	TEC	TEH			SG13HCAL00008	720UL
70	66	0.14	75	7		PCT	P2	FB4	-1.14	TEC	TEH			SG13HCAL00006	720UL
70	68	0.17	99	8		PCT	P2	FB4	-1.02	TEC	TEH			SG13HCAL00006	720UL
		0.17	91	8		PCT	P2	FB6	1.09	TEC	TEH			SG13HCAL00006	720UL
70	74	0.15	83	7		PCT	P2	FB4	-1.25	TEC	TEH			SG13HCAL00001	720UL
71	47	0.11	112	6		PCT	P2	FB5	-1.18	TEC	TEH			SG13HCAL00005	720UL
71	53	0.13	112	6		PCT	P2	FB5	-1.12	TEC	TEH			SG13HCAL00006	720UL
		0.14	89	6		PCT	P2	FB4	1.10	TEC	TEH			SG13HCAL00006	720UL
71	57	0.17	121	8		PCT	P2	FB3	-1.28	TEC	TEH			SG13HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.49	116	18		PCT	P2	FB4	-1.14	TEC	TEH				SG13HCAL00005 720UL
		0.45	132	17		PCT	P2	FB5	1.12	TEC	TEH				SG13HCAL00005 720UL
71	59	0.16	132	8		PCT	P2	FB5	1.17	TEC	TEH				SG13HCAL00004 720UL
		0.26	107	11		PCT	P2	FB4	-1.12	TEC	TEH				SG13HCAL00004 720UL
		0.11	111	5		PCT	P2	FB3	-1.35	TEC	TEH				SG13HCAL00004 720UL
71	63	0.22	98	10		PCT	P2	FB6	-1.32	TEC	TEH				SG13HCAL00007 720UL
		0.31	112	13		PCT	P2	FB5	-1.20	TEC	TEH				SG13HCAL00007 720UL
		0.21	121	10		PCT	P2	FB4	1.16	TEC	TEH				SG13HCAL00007 720UL
		0.12	129	6		PCT	P2	FB3	1.18	TEC	TEH				SG13HCAL00007 720UL
		0.20	79	9		PCT	P2	FB5	1.20	TEC	TEH				SG13HCAL00007 720UL
71	65	0.11	125	6		PCT	P2	FB4	1.16	TEC	TEH				SG13HCAL00007 720UL
71	67	0.20	111	11		PCT	P2	FB3	1.14	TEC	TEH				SG13HCAL00008 720UL
		0.17	110	9		PCT	P2	FB6	-1.30	TEC	TEH				SG13HCAL00008 720UL
		0.33	128	15		PCT	P2	FB5	1.00	TEC	TEH				SG13HCAL00008 720UL
		0.11	63	7		PCT	P2	FB5	-1.37	TEC	TEH				SG13HCAL00008 720UL
		0.21	88	11		PCT	P2	FB4	1.16	TEC	TEH				SG13HCAL00008 720UL
71	69	0.16	72	8		PCT	P2	FB5	1.05	TEC	TEH				SG13HCAL00008 720UL
71	71	0.12	149	7		PCT	P2	FB3	1.21	TEC	TEH				SG13HCAL00008 720UL
		0.10	134	6		PCT	P2	FB6	-1.35	TEC	TEH				SG13HCAL00008 720UL
71	73	0.16	138	7		PCT	P2	FB4	1.19	TEC	TEH				SG13HCAL00002 720UL
		0.09	155	5		PCT	P2	FB5	-1.14	TEC	TEH				SG13HCAL00002 720UL
72	42	0.12	138	6		PCT	P2	FB3	-1.21	TEC	TEH				SG13HCAL00004 720UL
		0.13	57	6		PCT	P2	FB5	1.19	TEC	TEH				SG13HCAL00004 720UL
		0.12	156	6		PCT	P2	FB4	-1.12	TEC	TEH				SG13HCAL00004 720UL
72	50	0.10	92	5		PCT	P2	FB4	-1.28	TEC	TEH				SG13HCAL00006 720UL
72	58	1.24	117	30		PCT	P2	FB5	-1.16	TEC	TEH				SG13HCAL00006 720UL
		0.44	122	16		PCT	P2	FB6	-1.35	TEC	TEH				SG13HCAL00006 720UL
		0.09	138	5		PCT	P2	FB6	1.26	TEC	TEH				SG13HCAL00006 720UL
		0.43	118	16		PCT	P2	FB3	1.19	TEC	TEH				SG13HCAL00006 720UL
		0.85	118	25		PCT	P2	FB4	1.02	TEC	TEH				SG13HCAL00006 720UL
		0.13	147	6		PCT	P2	FB5	1.16	TEC	TEH				SG13HCAL00006 720UL
72	60	0.09	99	5		PCT	P2	FB3	-1.28	TEC	TEH				SG13HCAL00004 720UL
		0.13	134	7		PCT	P2	FB6	-1.28	TEC	TEH				SG13HCAL00004 720UL
		0.18	85	8		PCT	P2	FB4	1.16	TEC	TEH				SG13HCAL00004 720UL
		0.15	136	7		PCT	P2	FB5	-1.19	TEC	TEH				SG13HCAL00004 720UL
72	62	0.16	90	8		PCT	P2	FB5	-1.12	TEC	TEH				SG13HCAL00004 720UL
72	64	0.14	140	7		PCT	P2	FB4	1.18	TEC	TEH				SG13HCAL00007 720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
72	66	0.27	116	12	PCT	P2	FB5	-1.20	TEC	TEH				SG13HCAL00007	720UL
		0.14	136	7	PCT	P2	FB4	-1.20	TEC	TEH				SG13HCAL00007	720UL
72	72	0.09	99	4	PCT	P2	FB4	-1.12	TEC	TEH				SG13HCAL00002	720UL
73	45	0.18	106	8	PCT	P2	FB5	-1.10	TEC	TEH				SG13HCAL00004	720UL
		0.11	82	5	PCT	P2	FB3	-1.24	TEC	TEH				SG13HCAL00004	720UL
		0.12	121	6	PCT	P2	FB4	-1.00	TEC	TEH				SG13HCAL00004	720UL
73	49	0.12	144	6	PCT	P2	FB5	-1.10	TEC	TEH				SG13HCAL00006	720UL
73	51	0.22	147	10	PCT	P2	FB5	-1.12	TEC	TEH				SG13HCAL00006	720UL
		0.22	119	10	PCT	P2	FB4	-1.12	TEC	TEH				SG13HCAL00006	720UL
		0.11	142	5	PCT	P2	FB3	-1.14	TEC	TEH				SG13HCAL00006	720UL
		0.09	101	4	PCT	P2	FB5	-1.12	TEC	TEH				SG13HCAL00006	720UL
73	53	0.08	47	4	PCT	P2	FB7	-0.98	TEC	TEH				SG13HCAL00006	720UL
73	57	0.20	111	9	PCT	P2	FB6	-1.31	TEC	TEH				SG13HCAL00006	720UL
		0.17	114	8	PCT	P2	FB5	-1.10	TEC	TEH				SG13HCAL00006	720UL
		0.33	130	13	PCT	P2	FB5	-1.17	TEC	TEH				SG13HCAL00006	720UL
		0.33	75	13	PCT	P2	FB4	-1.26	TEC	TEH				SG13HCAL00006	720UL
73	61	0.14	142	7	PCT	P2	FB5	-1.14	TEC	TEH				SG13HCAL00004	720UL
		0.18	111	9	PCT	P2	FB6	-1.21	TEC	TEH				SG13HCAL00004	720UL
		0.38	134	15	PCT	P2	FB5	-1.05	TEC	TEH				SG13HCAL00004	720UL
		0.32	102	14	PCT	P2	FB4	-1.19	TEC	TEH				SG13HCAL00004	720UL
		0.61	126	21	PCT	P2	FB4	-1.14	TEC	TEH				SG13HCAL00004	720UL
		0.15	96	7	PCT	P2	FB3	-1.28	TEC	TEH				SG13HCAL00004	720UL
		0.15	146	7	PCT	P2	FB3	-1.28	TEC	TEH				SG13HCAL00004	720UL
73	63	0.15	83	8	PCT	P2	FB6	-1.03	TEC	TEH				SG13HCAL00008	720UL
		0.18	117	10	PCT	P2	FB6	-1.33	TEC	TEH				SG13HCAL00008	720UL
		0.30	113	14	PCT	P2	FB5	-1.26	TEC	TEH				SG13HCAL00008	720UL
		0.54	106	21	PCT	P2	FB5	-1.24	TEC	TEH				SG13HCAL00008	720UL
		0.15	150	8	PCT	P2	FB4	-1.05	TEC	TEH				SG13HCAL00008	720UL
		0.28	122	13	PCT	P2	FB4	-1.38	TEC	TEH				SG13HCAL00008	720UL
		0.23	115	12	PCT	P2	FB3	-1.26	TEC	TEH				SG13HCAL00008	720UL
73	65	0.13	115	7	PCT	P2	FB5	-1.00	TEC	TEH				SG13HCAL00008	720UL
		0.12	108	7	PCT	P2	FB6	-1.26	TEC	TEH				SG13HCAL00008	720UL
		0.22	85	11	PCT	P2	FB4	-1.21	TEC	TEH				SG13HCAL00008	720UL
74	50	0.11	74	5	PCT	P2	FB5	-1.09	TEC	TEH				SG13HCAL00006	720UL
		0.19	74	9	PCT	P2	FB4	-1.26	TEC	TEH				SG13HCAL00006	720UL
74	52	0.25	93	11	PCT	P2	FB3	-1.42	TEC	TEH				SG13HCAL00006	720UL
		0.10	42	5	PCT	P2	FB6	-1.19	TEC	TEH				SG13HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.42	102	16	PCT	P2	FB5	1.10	TEC	TEH				SG13HCAL00006	720UL
		0.58	116	20	PCT	P2	FB4	1.26	TEC	TEH				SG13HCAL00006	720UL
74	64	0.61	130	23	PCT	P2	FB3	1.33	TEC	TEH				SG13HCAL00008	720UL
		0.44	118	19	PCT	P2	FB4	1.16	TEC	TEH				SG13HCAL00008	720UL
		0.24	106	12	PCT	P2	FB3	1.28	TEC	TEH				SG13HCAL00008	720UL
		0.87	127	28	PCT	P2	FB4	1.21	TEC	TEH				SG13HCAL00008	720UL
		0.14	136	8	PCT	P2	FB2	1.47	TEC	TEH				SG13HCAL00008	720UL
		0.30	122	14	PCT	P2	FB5	1.12	TEC	TEH				SG13HCAL00008	720UL
		0.40	129	18	PCT	P2	FB6	1.26	TEC	TEH				SG13HCAL00008	720UL
		0.55	114	21	PCT	P2	FB5	1.21	TEC	TEH				SG13HCAL00008	720UL
		0.13	136	7	PCT	P2	FB6	1.19	TEC	TEH				SG13HCAL00008	720UL
74	66	0.13	85	7	PCT	P2	FB5	1.19	TEC	TEH				SG13HCAL00008	720UL
75	47	0.16	132	7	PCT	P2	FB5	1.23	TEC	TEH				SG13HCAL00003	720UL
		0.14	132	6	PCT	P2	FB4	1.19	TEC	TEH				SG13HCAL00003	720UL
75	49	0.10	99	5	PCT	P2	FB7	2.02	TEC	TEH				SG13HCAL00003	720UL
75	61	0.39	104	15	PCT	P2	FB4	1.21	TEC	TEH				SG13HCAL00003	720UL
		0.57	132	19	PCT	P2	FB6	1.07	TEC	TEH				SG13HCAL00003	720UL
		0.92	124	25	PCT	P2	FB5	1.18	TEC	TEH				SG13HCAL00003	720UL
		0.84	125	24	PCT	P2	FB3	1.21	TEC	TEH				SG13HCAL00003	720UL
		0.61	122	20	PCT	P2	FB4	1.16	TEC	TEH				SG13HCAL00003	720UL
75	65	0.10	121	5	PCT	P2	FB4	1.28	TEC	TEH				SG13HCAL00005	720UL
76	46	0.34	80	13	PCT	P2	FB5	1.07	TEC	TEH				SG13HCAL00003	720UL
		0.20	142	9	PCT	P2	FB4	1.07	TEC	TEH				SG13HCAL00003	720UL
		0.18	53	8	PCT	P2	FB3	1.30	TEC	TEH				SG13HCAL00003	720UL
		0.25	86	10	PCT	P2	FB6	1.21	TEC	TEH				SG13HCAL00003	720UL
76	62	0.10	79	5	PCT	P2	FB4	1.14	TEC	TEH				SG13HCAL00003	720UL
		0.18	64	8	PCT	P2	FB5	1.21	TEC	TEH				SG13HCAL00003	720UL
		0.17	60	7	PCT	P2	FB5	1.16	TEC	TEH				SG13HCAL00003	720UL
77	59	0.10	148	5	PCT	P2	FB4	1.21	TEC	TEH				SG13HCAL00003	720UL
78	58	0.08	50	4	PCT	P2	FB4	1.30	TEC	TEH				SG13HCAL00005	720UL
		0.25	86	11	PCT	P2	FB6	1.21	TEC	TEH				SG13HCAL00005	720UL
		0.37	99	15	PCT	P2	FB5	1.16	TEC	TEH				SG13HCAL00005	720UL
		0.58	130	20	PCT	P2	FB5	1.11	TEC	TEH				SG13HCAL00005	720UL
		0.94	122	27	PCT	P2	FB4	1.09	TEC	TEH				SG13HCAL00005	720UL
		0.12	71	6	PCT	P2	FB6	1.30	TEC	TEH				SG13HCAL00005	720UL
		0.30	125	13	PCT	P2	FB3	1.23	TEC	TEH				SG13HCAL00005	720UL
		0.17	127	8	PCT	P2	FB3	1.28	TEC	TEH				SG13HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
78	60	0.25	124	10	PCT	P2	FB3	-1.25	TEC	TEH				SG13HCAL00003	720UL
		0.34	135	13	PCT	P2	FB3	-1.16	TEC	TEH				SG13HCAL00003	720UL
		1.29	114	30	PCT	P2	FB4	-1.09	TEC	TEH				SG13HCAL00003	720UL
		1.33	115	30	PCT	P2	FB5	-1.07	TEC	TEH				SG13HCAL00003	720UL
		0.13	78	6	PCT	P2	FB6	-1.16	TEC	TEH				SG13HCAL00003	720UL
		0.56	122	19	PCT	P2	FB6	-1.23	TEC	TEH				SG13HCAL00003	720UL
78	66	0.20	97	9	PCT	P2	FB5	-1.19	TEC	TEH				SG13HCAL00006	720UL
		0.16	89	7	PCT	P2	FB3	-1.23	TEC	TEH				SG13HCAL00006	720UL
		0.58	111	20	PCT	P2	FB5	-1.21	TEC	TEH				SG13HCAL00006	720UL
		0.19	134	9	PCT	P2	FB4	-1.16	TEC	TEH				SG13HCAL00006	720UL
		0.28	108	12	PCT	P2	FB6	-1.21	TEC	TEH				SG13HCAL00006	720UL
79	49	0.10	34	5	PCT	P2	FB6	-1.14	TEC	TEH				SG13HCAL00003	720UL
79	65	0.40	122	16	PCT	P2	FB5	-1.25	TEC	TEH				SG13HCAL00005	720UL
		0.44	131	17	PCT	P2	FB2	-1.41	TEC	TEH				SG13HCAL00005	720UL
		0.21	138	10	PCT	P2	FB3	-1.23	TEC	TEH				SG13HCAL00005	720UL
		0.85	129	26	PCT	P2	FB3	-1.20	TEC	TEH				SG13HCAL00005	720UL
		0.98	117	28	PCT	P2	FB4	-1.14	TEC	TEH				SG13HCAL00005	720UL
		0.53	130	19	PCT	P2	FB4	-1.09	TEC	TEH				SG13HCAL00005	720UL
		0.85	122	26	PCT	P2	FB5	-1.02	TEC	TEH				SG13HCAL00005	720UL
		1.40	117	32	PCT	P2	FB6	-1.25	TEC	TEH				SG13HCAL00005	720UL
		0.22	129	10	PCT	P2	FB7	-1.34	TEC	TEH				SG13HCAL00005	720UL
81	43	0.10	99	5	PCT	P2	FB2	-2.06	TEC	TEH				SG13HCAL00002	720UL
82	54	0.09	74	4	PCT	P2	FB5	0.00	TEC	TEH				SG13HCAL00006	720UL
		0.14	67	6	PCT	P2	FB6	0.00	TEC	TEH				SG13HCAL00006	720UL

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**Attachment 4 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Fan Bar Service Induced Indications

SG 14 PCT>0% at Fan Bars



SG14 PCT > 0% at Fan Bars

UTILITY:	AEP	DATE:	Dec 12 2014 15:55:45
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 14	DATABASE:	DCC_SG14_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Hist PLP Bounding	MRPC	720PP	INLET
(H-3)	H/L Bobbin	BOBBIN	720UL	INLET
(H-4)-SI	HL Special Interest	MRPC	720PP	INLET
(H-5)-SI	UB Special Interest	MRPC	680PP	INLET
(H-6)	H/L Low Row Bobbin (Rows 1-2)	BOBBIN	700UC	INLET
(H-7)	HL To Be Plugged	MRPC	680MB	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	MRPC	680MB	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08H TO 08C
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
12	10	0.11	35	4	PCT	P2	FB8	-0.79	TEC	TEH				SG14HCAL00019	720UL
23	9	0.13	34	5	PCT	P2	FB5	-1.28	TEC	TEH				SG14HCAL00019	720UL
26	6	0.10	93	5	PCT	P2	FB5	1.75	TEC	TEH				SG14HCAL00029	720UL
28	12	0.11	136	4	PCT	P2	FB4	1.33	TEC	TEH				SG14HCAL00019	720UL
31	9	0.11	122	6	PCT	P2	FB5	-0.84	TEC	TEH				SG14HCAL00017	720UL
33	7	0.10	78	4	PCT	P2	FB5	-0.72	TEC	TEH				SG14HCAL00018	720UL
34	8	0.11	122	6	PCT	P2	FB5	1.58	TEC	TEH				SG14HCAL00017	720UL
36	54	0.14	77	5	PCT	P2	FB5	0.42	TEC	TEH				SG14HCAL00011	720UL
37	67	0.08	64	4	PCT	P2	FB1	-1.70	TEC	TEH				SG14HCAL00010	720UL
39	65	0.09	111	4	PCT	P2	FB4	-1.35	TEC	TEH				SG14HCAL00009	720UL
40	64	0.07	139	3	PCT	P2	FB4	-1.21	TEC	TEH				SG14HCAL00010	720UL
41	69	0.08	125	4	PCT	P2	FB4	1.18	TEC	TEH				SG14HCAL00010	720UL
42	50	0.10	116	4	PCT	P2	FB4	-1.19	TEC	TEH				SG14HCAL00011	720UL
44	62	0.58	127	20	PCT	P2	FB3	-2.30	TEC	TEH				SG14HCAL00009	720UL
45	27	0.09	128	5	PCT	P2	FB6	-0.86	TEC	TEH				SG14HCAL00017	720UL
46	54	0.11	90	4	PCT	P2	FB4	0.00	TEC	TEH				SG14HCAL00011	720UL
		0.12	32	5	PCT	P2	FB5	0.42	TEC	TEH				SG14HCAL00011	720UL
47	49	0.14	148	6	PCT	P2	FB4	-1.14	TEC	TEH				SG14HCAL00012	720UL
47	53	0.14	49	5	PCT	P2	FB5	0.49	TEC	TEH				SG14HCAL00011	720UL
47	65	0.10	88	4	PCT	P2	FB4	1.30	TEC	TEH				SG14HCAL00010	720UL
		0.11	127	4	PCT	P2	FB5	-1.09	TEC	TEH				SG14HCAL00010	720UL
48	48	0.10	43	4	PCT	P2	FB4	1.07	TEC	TEH				SG14HCAL00012	720UL
48	54	0.19	77	7	PCT	P2	FB4	0.39	TEC	TEH				SG14HCAL00011	720UL
		0.24	81	8	PCT	P2	FB5	0.35	TEC	TEH				SG14HCAL00011	720UL
48	60	0.09	49	4	PCT	P2	FB4	-1.44	TEC	TEH				SG14HCAL00012	720UL
48	92	0.10	53	5	PCT	P2	FB5	1.57	TEC	TEH				SG14HCAL00029	720UL
49	67	0.10	157	5	PCT	P2	FB4	-1.21	TEC	TEH				SG14HCAL00009	720UL
50	54	0.10	52	4	PCT	P2	FB4	0.35	TEC	TEH				SG14HCAL00011	720UL
		0.22	71	8	PCT	P2	FB5	0.39	TEC	TEH				SG14HCAL00011	720UL
50	64	0.08	145	4	PCT	P2	FB4	-1.07	TEC	TEH				SG14HCAL00010	720UL
		0.21	96	8	PCT	P2	FB5	1.12	TEC	TEH				SG14HCAL00010	720UL
51	53	0.10	31	4	PCT	P2	FB4	-1.16	TEC	TEH				SG14HCAL00012	720UL
		0.12	140	5	PCT	P2	FB5	1.09	TEC	TEH				SG14HCAL00012	720UL
51	55	0.11	138	5	PCT	P2	FB4	1.21	TEC	TEH				SG14HCAL00012	720UL
51	57	0.09	113	4	PCT	P2	FB5	1.02	TEC	TEH				SG14HCAL00012	720UL
51	61	0.08	112	4	PCT	P2	FB5	0.97	TEC	TEH				SG14HCAL00012	720UL
		0.20	70	8	PCT	P2	FB4	-1.29	TEC	TEH				SG14HCAL00012	720UL
52	54	0.14	60	5	PCT	P2	FB4	0.42	TEC	TEH				SG14HCAL00011	720UL

Intentionally Blank

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
52	66	0.17 77	8	PCT	P2	FB5	-1.19		TEC	TEH				SG14HCAL00009 720UL	
53	37	0.19 41	6	PCT	P2	FB4	-1.12		TEC	TEH				SG14HCAL00019 720UL	
53	53	0.28 89	11	PCT	P2	FB5	-1.21		TEC	TEH				SG14HCAL00012 720UL	
53	59	0.12 34	5	PCT	P2	FB4	-1.06		TEC	TEH				SG14HCAL00011 720UL	
54	48	0.14 40	6	PCT	P2	FB4	-1.21		TEC	TEH				SG14HCAL00012 720UL	
54	50	0.35 60	11	PCT	P2	FB5	-1.05		TEC	TEH				SG14HCAL00011 720UL	
54	66	0.11 93	5	PCT	P2	FB4	-1.37		TEC	TEH				SG14HCAL00009 720UL	
55	43	0.27 124	9	PCT	P2	FB4	-1.02		TEC	TEH				SG14HCAL00019 720UL	
55	53	0.19 106	8	PCT	P2	FB5	-1.14		TEC	TEH				SG14HCAL00012 720UL	
55	61	0.11 49	5	PCT	P2	FB4	-1.27		TEC	TEH				SG14HCAL00012 720UL	
55	63	0.14 149	6	PCT	P2	FB5	-1.19		TEC	TEH				SG14HCAL00009 720UL	
		0.21 132	9	PCT	P2	FB4	-1.30		TEC	TEH				SG14HCAL00009 720UL	
55	65	0.12 119	5	PCT	P2	FB4	-1.11		TEC	TEH				SG14HCAL00010 720UL	
		0.12 126	5	PCT	P2	FB3	-1.46		TEC	TEH				SG14HCAL00010 720UL	
		0.13 137	5	PCT	P2	FB6	-1.34		TEC	TEH				SG14HCAL00010 720UL	
		0.32 114	12	PCT	P2	FB4	-1.13		TEC	TEH				SG14HCAL00010 720UL	
		0.48 124	16	PCT	P2	FB5	-1.09		TEC	TEH				SG14HCAL00010 720UL	
55	67	0.07 33	3	PCT	P2	FB6	-1.30		TEC	TEH				SG14HCAL00010 720UL	
56	54	0.14 45	5	PCT	P2	FB4	-0.42		TEC	TEH				SG14HCAL00011 720UL	
		0.35 103	11	PCT	P2	FB5	-0.46		TEC	TEH				SG14HCAL00011 720UL	
56	60	0.12 132	5	PCT	P2	FB4	-1.00		TEC	TEH				SG14HCAL00012 720UL	
		0.14 143	6	PCT	P2	FB5	-1.02		TEC	TEH				SG14HCAL00012 720UL	
56	62	0.20 99	9	PCT	P2	FB5	-1.02		TEC	TEH				SG14HCAL00009 720UL	
		0.28 110	12	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00009 720UL	
56	64	0.08 75	4	PCT	P2	FB5	-1.09		TEC	TEH				SG14HCAL00010 720UL	
		0.11 122	5	PCT	P2	FB4	-1.11		TEC	TEH				SG14HCAL00010 720UL	
56	66	0.12 74	6	PCT	P2	FB4	-1.14		TEC	TEH				SG14HCAL00009 720UL	
		0.14 73	6	PCT	P2	FB5	-1.02		TEC	TEH				SG14HCAL00009 720UL	
57	53	0.10 125	4	PCT	P2	FB4	-1.12		TEC	TEH				SG14HCAL00012 720UL	
58	50	0.13 47	5	PCT	P2	FB5	-1.05		TEC	TEH				SG14HCAL00011 720UL	
		0.21 57	7	PCT	P2	FB4	-1.21		TEC	TEH				SG14HCAL00011 720UL	
58	54	0.19 118	8	PCT	P2	FB5	-0.02		TEC	TEH				SG14HCAL00012 720UL	
		0.30 100	12	PCT	P2	FB4	-0.07		TEC	TEH				SG14HCAL00012 720UL	
58	60	0.13 121	6	PCT	P2	FB5	-1.07		TEC	TEH				SG14HCAL00012 720UL	
		0.19 83	8	PCT	P2	FB4	-1.11		TEC	TEH				SG14HCAL00012 720UL	
58	62	0.15 156	7	PCT	P2	FB4	-1.28		TEC	TEH				SG14HCAL00009 720UL	
		0.17 108	8	PCT	P2	FB5	-1.05		TEC	TEH				SG14HCAL00009 720UL	

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
58	64	0.1145	5	PCT	P2	FB4	1.07		TEC	TEH				SG14HCAL00010	720UL
		0.1177	4	PCT	P2	FB5	1.11		TEC	TEH				SG14HCAL00010	720UL
58	66	0.13133	6	PCT	P2	FB4	-1.28		TEC	TEH				SG14HCAL00009	720UL
		0.15132	7	PCT	P2	FB5	-1.21		TEC	TEH				SG14HCAL00009	720UL
58	68	0.0987	4	PCT	P2	FB4	-1.06		TEC	TEH				SG14HCAL00010	720UL
59	47	0.1151	4	PCT	P2	FB4	1.04		TEC	TEH				SG14HCAL00011	720UL
59	51	0.1594	6	PCT	P2	FB5	1.04		TEC	TEH				SG14HCAL00011	720UL
		0.1937	7	PCT	P2	FB4	-1.20		TEC	TEH				SG14HCAL00011	720UL
59	55	0.13130	5	PCT	P2	FB5	1.02		TEC	TEH				SG14HCAL00012	720UL
		0.1872	7	PCT	P2	FB4	-1.23		TEC	TEH				SG14HCAL00012	720UL
59	57	0.14124	6	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00012	720UL
		0.1669	7	PCT	P2	FB5	1.04		TEC	TEH				SG14HCAL00012	720UL
59	63	0.17106	7	PCT	P2	FB6	-1.30		TEC	TEH				SG14HCAL00010	720UL
		0.1863	7	PCT	P2	FB5	1.09		TEC	TEH				SG14HCAL00010	720UL
		0.28126	11	PCT	P2	FB5	-1.09		TEC	TEH				SG14HCAL00010	720UL
		0.42115	14	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00010	720UL
59	65	0.13115	5	PCT	P2	FB3	1.48		TEC	TEH				SG14HCAL00010	720UL
		0.16133	6	PCT	P2	FB4	-1.18		TEC	TEH				SG14HCAL00010	720UL
		0.28114	10	PCT	P2	FB5	-1.11		TEC	TEH				SG14HCAL00010	720UL
		0.33120	12	PCT	P2	FB6	-1.34		TEC	TEH				SG14HCAL00010	720UL
		0.37102	13	PCT	P2	FB5	1.09		TEC	TEH				SG14HCAL00010	720UL
		0.56120	18	PCT	P2	FB4	1.18		TEC	TEH				SG14HCAL00010	720UL
59	67	0.11129	5	PCT	P2	FB6	-1.40		TEC	TEH				SG14HCAL00009	720UL
		0.13108	6	PCT	P2	FB5	-1.14		TEC	TEH				SG14HCAL00009	720UL
		0.28127	12	PCT	P2	FB4	1.03		TEC	TEH				SG14HCAL00009	720UL
59	69	0.1095	4	PCT	P2	FB4	1.11		TEC	TEH				SG14HCAL00010	720UL
59	73	0.0857	4	PCT	P2	FB4	1.07		TEC	TEH				SG14HCAL00010	720UL
60	44	0.16122	6	PCT	P2	FB4	-1.12		TEC	TEH				SG14HCAL00005	720UL
60	46	0.1245	5	PCT	P2	FB5	1.16		TEC	TEH				SG14HCAL00005	720UL
60	52	0.1229	5	PCT	P2	FB4	-1.21		TEC	TEH				SG14HCAL00005	720UL
		0.2179	8	PCT	P2	FB5	1.04		TEC	TEH				SG14HCAL00005	720UL
60	54	0.20121	7	PCT	P2	FB5	0.00		TEC	TEH				SG14HCAL00005	720UL
		0.2472	9	PCT	P2	FB4	0.02		TEC	TEH				SG14HCAL00005	720UL
60	56	0.1296	5	PCT	P2	FB5	-1.06		TEC	TEH				SG14HCAL00005	720UL
		0.14120	5	PCT	P2	FB6	-1.32		TEC	TEH				SG14HCAL00005	720UL
		0.2387	8	PCT	P2	FB4	1.16		TEC	TEH				SG14HCAL00005	720UL
60	60	0.1252	5	PCT	P2	FB5	1.07		TEC	TEH				SG14HCAL00003	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
60	62	0.14	106	6	PCT	P2	FB3	-1.14	TEC	TEH				SG14HCAL00001	720UL
		0.18	113	7	PCT	P2	FB6	1.35	TEC	TEH				SG14HCAL00001	720UL
		0.40	133	13	PCT	P2	FB4	-1.17	TEC	TEH				SG14HCAL00001	720UL
		0.60	113	18	PCT	P2	FB5	1.14	TEC	TEH				SG14HCAL00001	720UL
60	64	0.11	159	4	PCT	P2	FB3	1.28	TEC	TEH				SG14HCAL00001	720UL
		0.19	138	7	PCT	P2	FB4	1.24	TEC	TEH				SG14HCAL00001	720UL
		0.22	104	8	PCT	P2	FB5	1.12	TEC	TEH				SG14HCAL00001	720UL
60	66	0.13	118	5	PCT	P2	FB5	1.14	TEC	TEH				SG14HCAL00001	720UL
		0.16	108	6	PCT	P2	FB4	-1.17	TEC	TEH				SG14HCAL00001	720UL
60	70	0.10	74	4	PCT	P2	FB5	1.09	TEC	TEH				SG14HCAL00003	720UL
		0.12	138	5	PCT	P2	FB4	-1.14	TEC	TEH				SG14HCAL00003	720UL
61	39	0.09	135	3	PCT	P2	FB4	1.16	TEC	TEH				SG14HCAL00005	720UL
61	41	0.12	69	5	PCT	P2	FB3	1.40	TEC	TEH				SG14HCAL00005	720UL
61	43	0.14	93	5	PCT	P2	FB4	1.14	TEC	TEH				SG14HCAL00005	720UL
		0.17	104	6	PCT	P2	FB3	1.35	TEC	TEH				SG14HCAL00005	720UL
		0.18	56	7	PCT	P2	FB6	-1.28	TEC	TEH				SG14HCAL00005	720UL
61	53	0.10	44	4	PCT	P2	FB4	1.16	TEC	TEH				SG14HCAL00005	720UL
		0.13	44	5	PCT	P2	FB6	-1.33	TEC	TEH				SG14HCAL00005	720UL
		0.16	131	6	PCT	P2	FB4	-1.19	TEC	TEH				SG14HCAL00005	720UL
		0.25	117	9	PCT	P2	FB5	1.07	TEC	TEH				SG14HCAL00005	720UL
61	55	0.18	142	7	PCT	P2	FB4	-1.18	TEC	TEH				SG14HCAL00005	720UL
		0.26	104	9	PCT	P2	FB5	1.11	TEC	TEH				SG14HCAL00005	720UL
61	57	0.20	77	7	PCT	P2	FB4	-1.09	TEC	TEH				SG14HCAL00005	720UL
61	59	0.15	130	6	PCT	P2	FB6	-1.37	TEC	TEH				SG14HCAL00003	720UL
		0.23	111	9	PCT	P2	FB4	-1.28	TEC	TEH				SG14HCAL00003	720UL
61	61	0.12	107	5	PCT	P2	FB6	-1.40	TEC	TEH				SG14HCAL00003	720UL
		0.14	142	6	PCT	P2	FB3	1.30	TEC	TEH				SG14HCAL00003	720UL
		0.15	89	6	PCT	P2	FB5	-1.12	TEC	TEH				SG14HCAL00003	720UL
		0.16	115	6	PCT	P2	FB6	1.26	TEC	TEH				SG14HCAL00003	720UL
		0.20	99	8	PCT	P2	FB4	1.07	TEC	TEH				SG14HCAL00003	720UL
		0.27	146	10	PCT	P2	FB4	-1.23	TEC	TEH				SG14HCAL00003	720UL
		0.48	119	16	PCT	P2	FB5	1.07	TEC	TEH				SG14HCAL00003	720UL
61	63	0.15	127	6	PCT	P2	FB3	-1.19	TEC	TEH				SG14HCAL00001	720UL
		0.23	121	9	PCT	P2	FB6	1.33	TEC	TEH				SG14HCAL00001	720UL
		0.23	138	8	PCT	P2	FB6	-1.31	TEC	TEH				SG14HCAL00001	720UL
		0.27	127	10	PCT	P2	FB5	-1.14	TEC	TEH				SG14HCAL00001	720UL
		0.56	122	17	PCT	P2	FB5	1.07	TEC	TEH				SG14HCAL00001	720UL

ROW	COL	V	PHA	PER	IND	CH	LME	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		1.20	111	27		PCT	P2	FB4	-1.14	TEC	TEH			SG14HCAL00001	720UL
61	65	0.16	108	6		PCT	P2	FB6	-1.28	TEC	TEH			SG14HCAL00001	720UL
		0.18	139	7		PCT	P2	FB6	1.28	TEC	TEH			SG14HCAL00001	720UL
		0.25	118	9		PCT	P2	FB3	1.49	TEC	TEH			SG14HCAL00001	720UL
		0.30	124	11		PCT	P2	FB5	1.10	TEC	TEH			SG14HCAL00001	720UL
		0.41	101	14		PCT	P2	FB5	-1.14	TEC	TEH			SG14HCAL00001	720UL
		0.60	116	18		PCT	P2	FB4	1.19	TEC	TEH			SG14HCAL00001	720UL
61	67	0.11	145	4		PCT	P2	FB6	-1.31	TEC	TEH			SG14HCAL00001	720UL
		0.14	120	6		PCT	P2	FB3	-1.19	TEC	TEH			SG14HCAL00001	720UL
		0.15	65	6		PCT	P2	FB4	-1.14	TEC	TEH			SG14HCAL00001	720UL
		0.26	96	9		PCT	P2	FB5	-1.12	TEC	TEH			SG14HCAL00001	720UL
		0.28	134	10		PCT	P2	FB4	1.12	TEC	TEH			SG14HCAL00001	720UL
61	69	0.30	139	11		PCT	P2	FB4	1.12	TEC	TEH			SG14HCAL00003	720UL
61	71	0.12	145	5		PCT	P2	FB4	1.02	TEC	TEH			SG14HCAL00003	720UL
62	54	0.38	119	13		PCT	P2	FB6	-0.02	TEC	TEH			SG14HCAL00005	720UL
		0.43	116	14		PCT	P2	FB5	0.00	TEC	TEH			SG14HCAL00005	720UL
		0.57	114	17		PCT	P2	FB4	0.05	TEC	TEH			SG14HCAL00005	720UL
62	60	0.16	77	6		PCT	P2	FB6	1.25	TEC	TEH			SG14HCAL00005	720UL
		0.35	126	12		PCT	P2	FB5	1.11	TEC	TEH			SG14HCAL00005	720UL
62	64	0.10	97	4		PCT	P2	FB6	1.21	TEC	TEH			SG14HCAL00002	720UL
		0.18	140	7		PCT	P2	FB4	1.26	TEC	TEH			SG14HCAL00002	720UL
		0.25	109	10		PCT	P2	FB4	-1.18	TEC	TEH			SG14HCAL00002	720UL
		0.27	121	10		PCT	P2	FB5	1.14	TEC	TEH			SG14HCAL00002	720UL
62	68	0.13	57	5		PCT	P2	FB4	-1.18	TEC	TEH			SG14HCAL00002	720UL
62	70	0.27	97	10		PCT	P2	FB4	-1.19	TEC	TEH			SG14HCAL00003	720UL
		0.29	141	11		PCT	P2	FB5	1.09	TEC	TEH			SG14HCAL00003	720UL
62	72	0.11	67	5		PCT	P2	FB4	-1.09	TEC	TEH			SG14HCAL00004	720UL
62	74	0.12	147	5		PCT	P2	FB4	-0.65	TEC	TEH			SG14HCAL00003	720UL
63	43	0.12	145	5		PCT	P2	FB4	1.02	TEC	TEH			SG14HCAL00006	720UL
63	45	0.09	124	4		PCT	P2	FB4	-1.53	TEC	TEH			SG14HCAL00006	720UL
		0.16	130	6		PCT	P2	FB6	-1.16	TEC	TEH			SG14HCAL00006	720UL
		0.18	117	7		PCT	P2	FB4	1.02	TEC	TEH			SG14HCAL00006	720UL
		0.22	88	8		PCT	P2	FB3	1.14	TEC	TEH			SG14HCAL00006	720UL
		0.62	131	19		PCT	P2	FB5	-1.23	TEC	TEH			SG14HCAL00006	720UL
63	47	0.09	120	4		PCT	P2	FB6	-1.23	TEC	TEH			SG14HCAL00006	720UL
		0.13	127	5		PCT	P2	FB4	1.07	TEC	TEH			SG14HCAL00006	720UL
		0.14	68	6		PCT	P2	FB4	-1.23	TEC	TEH			SG14HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.25	126	9		PCT P2	FB5	-1.21		TEC	TEH			SG14HCAL000006	720UL
63	51	0.09	93	4		PCT P2	FB5	1.04		TEC	TEH			SG14HCAL000006	720UL
		0.16	72	6		PCT P2	FB4	1.04		TEC	TEH			SG14HCAL000006	720UL
		0.19	145	8		PCT P2	FB3	1.16		TEC	TEH			SG14HCAL000006	720UL
		0.21	92	8		PCT P2	FB5	-1.16		TEC	TEH			SG14HCAL000006	720UL
		0.39	139	14		PCT P2	FB4	-1.20		TEC	TEH			SG14HCAL000006	720UL
63	53	0.16	49	6		PCT P2	FB6	-1.33		TEC	TEH			SG14HCAL000005	720UL
		0.26	123	9		PCT P2	FB5	1.07		TEC	TEH			SG14HCAL000005	720UL
		0.31	115	11		PCT P2	FB4	1.09		TEC	TEH			SG14HCAL000005	720UL
		0.35	106	12		PCT P2	FB4	-1.21		TEC	TEH			SG14HCAL000005	720UL
		0.73	104	20		PCT P2	FB5	-1.07		TEC	TEH			SG14HCAL000005	720UL
63	55	0.13	140	5		PCT P2	FB5	0.92		TEC	TEH			SG14HCAL000006	720UL
63	57	0.19	45	7		PCT P2	FB4	1.14		TEC	TEH			SG14HCAL000005	720UL
		0.22	87	8		PCT P2	FB5	-1.09		TEC	TEH			SG14HCAL000005	720UL
63	59	0.09	103	3		PCT P2	FB6	1.21		TEC	TEH			SG14HCAL000005	720UL
		0.10	58	4		PCT P2	FB5	-1.09		TEC	TEH			SG14HCAL000005	720UL
		0.16	65	6		PCT P2	FB4	1.14		TEC	TEH			SG14HCAL000005	720UL
63	61	0.09	115	4		PCT P2	FB5	1.18		TEC	TEH			SG14HCAL000005	720UL
		0.16	80	6		PCT P2	FB6	1.30		TEC	TEH			SG14HCAL000005	720UL
		0.27	79	9		PCT P2	FB4	1.16		TEC	TEH			SG14HCAL000005	720UL
63	63	0.17	95	6		PCT P2	FB5	-1.14		TEC	TEH			SG14HCAL000001	720UL
63	65	0.13	103	5		PCT P2	FB3	1.43		TEC	TEH			SG14HCAL000002	720UL
		0.14	140	6		PCT P2	FB5	-1.09		TEC	TEH			SG14HCAL000002	720UL
		0.15	82	6		PCT P2	FB4	1.23		TEC	TEH			SG14HCAL000002	720UL
63	67	0.09	132	4		PCT P2	FB4	1.21		TEC	TEH			SG14HCAL000002	720UL
63	69	0.16	123	6		PCT P2	FB4	1.16		TEC	TEH			SG14HCAL000003	720UL
63	73	0.09	40	4		PCT P2	FB4	1.11		TEC	TEH			SG14HCAL000004	720UL
64	36	0.10	99	4		PCT P2	FB4	-1.14		TEC	TEH			SG14HCAL000005	720UL
		0.15	71	6		PCT P2	FB5	1.19		TEC	TEH			SG14HCAL000005	720UL
64	42	0.13	133	5		PCT P2	FB4	-1.09		TEC	TEH			SG14HCAL000005	720UL
64	44	0.16	112	6		PCT P2	FB4	-1.09		TEC	TEH			SG14HCAL000006	720UL
64	48	0.10	39	4		PCT P2	FB4	-1.09		TEC	TEH			SG14HCAL000005	720UL
64	50	0.12	38	5		PCT P2	FB5	1.16		TEC	TEH			SG14HCAL000005	720UL
		0.15	50	6		PCT P2	FB4	-1.12		TEC	TEH			SG14HCAL000005	720UL
64	52	0.12	115	5		PCT P2	FB5	0.99		TEC	TEH			SG14HCAL000006	720UL
		0.20	91	8		PCT P2	FB5	-1.30		TEC	TEH			SG14HCAL000006	720UL
64	58	0.18	85	7		PCT P2	FB4	-1.12		TEC	TEH			SG14HCAL000005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.27	101	9		PCT P2	FB5	1.14	TEC	TEH				SG14HCAL000005	720UL
64	60	0.07	96	3		PCT P2	FB3	1.23	TEC	TEH				SG14HCAL000004	720UL
		0.13	124	6		PCT P2	FB6	-1.20	TEC	TEH				SG14HCAL000004	720UL
		0.17	127	7		PCT P2	FB4	1.06	TEC	TEH				SG14HCAL000004	720UL
		0.28	96	11		PCT P2	FB5	-1.15	TEC	TEH				SG14HCAL000004	720UL
64	62	0.14	79	5		PCT P2	FB5	1.14	TEC	TEH				SG14HCAL000001	720UL
		0.15	119	6		PCT P2	FB4	1.19	TEC	TEH				SG14HCAL000001	720UL
		0.20	88	8		PCT P2	FB5	-1.14	TEC	TEH				SG14HCAL000001	720UL
64	64	0.18	137	7		PCT P2	FB3	-1.04	TEC	TEH				SG14HCAL000002	720UL
		0.24	136	9		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL000002	720UL
		0.28	128	11		PCT P2	FB4	1.16	TEC	TEH				SG14HCAL000002	720UL
		0.31	124	12		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000002	720UL
		0.38	138	13		PCT P2	FB5	1.09	TEC	TEH				SG14HCAL000002	720UL
		0.50	107	16		PCT P2	FB4	-1.18	TEC	TEH				SG14HCAL000002	720UL
64	66	0.17	89	7		PCT P2	FB5	-1.05	TEC	TEH				SG14HCAL000003	720UL
		0.17	138	7		PCT P2	FB6	1.16	TEC	TEH				SG14HCAL000003	720UL
		0.21	139	8		PCT P2	FB4	1.12	TEC	TEH				SG14HCAL000003	720UL
		0.27	119	10		PCT P2	FB5	1.09	TEC	TEH				SG14HCAL000003	720UL
		0.30	124	11		PCT P2	FB3	1.28	TEC	TEH				SG14HCAL000003	720UL
		0.39	134	13		PCT P2	FB4	-1.19	TEC	TEH				SG14HCAL000003	720UL
64	68	0.11	147	5		PCT P2	FB6	1.14	TEC	TEH				SG14HCAL000003	720UL
		0.14	69	6		PCT P2	FB5	1.12	TEC	TEH				SG14HCAL000003	720UL
		0.31	131	11		PCT P2	FB4	-1.14	TEC	TEH				SG14HCAL000003	720UL
64	70	0.14	66	6		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000003	720UL
64	72	0.08	93	4		PCT P2	FB4	-1.04	TEC	TEH				SG14HCAL000004	720UL
64	74	0.09	133	4		PCT P2	FB4	-1.04	TEC	TEH				SG14HCAL000004	720UL
65	55	0.10	131	4		PCT P2	FB4	-1.33	TEC	TEH				SG14HCAL000006	720UL
		0.26	115	10		PCT P2	FB5	0.92	TEC	TEH				SG14HCAL000006	720UL
65	57	0.09	142	4		PCT P2	FB4	-1.25	TEC	TEH				SG14HCAL000006	720UL
65	59	0.07	59	3		PCT P2	FB4	1.06	TEC	TEH				SG14HCAL000004	720UL
		0.10	148	4		PCT P2	FB5	-1.27	TEC	TEH				SG14HCAL000004	720UL
		0.15	151	6		PCT P2	FB3	-1.06	TEC	TEH				SG14HCAL000004	720UL
		0.26	123	10		PCT P2	FB5	1.15	TEC	TEH				SG14HCAL000004	720UL
		0.29	119	11		PCT P2	FB4	-1.11	TEC	TEH				SG14HCAL000004	720UL
		0.32	122	12		PCT P2	FB6	1.18	TEC	TEH				SG14HCAL000004	720UL
65	61	0.28	99	11		PCT P2	FB4	-1.13	TEC	TEH				SG14HCAL000004	720UL
		0.35	132	13		PCT P2	FB5	1.13	TEC	TEH				SG14HCAL000004	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
65	63	0.15	91	6		PCT	P2	FB6	-1.33	TEC	TEH			SG14HCAL00001	720UL
		0.16	81	6		PCT	P2	FB6	-1.30	TEC	TEH			SG14HCAL00001	720UL
		0.25	125	9		PCT	P2	FB5	-1.14	TEC	TEH			SG14HCAL00001	720UL
		0.28	142	10		PCT	P2	FB3	-1.12	TEC	TEH			SG14HCAL00001	720UL
		0.32	141	11		PCT	P2	FB5	-1.07	TEC	TEH			SG14HCAL00001	720UL
		0.67	111	19		PCT	P2	FB4	-1.19	TEC	TEH			SG14HCAL00001	720UL
65	65	0.17	130	7		PCT	P2	FB5	-1.07	TEC	TEH			SG14HCAL00002	720UL
		0.27	99	10		PCT	P2	FB5	-1.17	TEC	TEH			SG14HCAL00002	720UL
		0.27	135	10		PCT	P2	FB6	-1.12	TEC	TEH			SG14HCAL00002	720UL
		0.40	139	14		PCT	P2	FB3	-1.51	TEC	TEH			SG14HCAL00002	720UL
		0.40	140	14		PCT	P2	FB4	-1.26	TEC	TEH			SG14HCAL00002	720UL
		0.52	113	17		PCT	P2	FB4	-1.26	TEC	TEH			SG14HCAL00002	720UL
65	67	0.12	136	5		PCT	P2	FB6	-1.40	TEC	TEH			SG14HCAL00003	720UL
		0.18	114	7		PCT	P2	FB5	-1.14	TEC	TEH			SG14HCAL00003	720UL
		0.38	116	13		PCT	P2	FB4	-1.16	TEC	TEH			SG14HCAL00003	720UL
65	69	0.17	121	7		PCT	P2	FB5	-1.28	TEC	TEH			SG14HCAL00004	720UL
		0.25	140	10		PCT	P2	FB6	-1.35	TEC	TEH			SG14HCAL00004	720UL
		0.49	121	16		PCT	P2	FB4	-1.16	TEC	TEH			SG14HCAL00004	720UL
66	54	0.22	73	8		PCT	P2	FB3	0.23	TEC	TEH			SG14HCAL00005	720UL
		0.40	104	13		PCT	P2	FB6	-0.02	TEC	TEH			SG14HCAL00005	720UL
		0.53	117	16		PCT	P2	FB5	0.00	TEC	TEH			SG14HCAL00005	720UL
		0.78	104	21		PCT	P2	FB4	0.02	TEC	TEH			SG14HCAL00005	720UL
66	58	0.11	129	5		PCT	P2	FB4	-1.03	TEC	TEH			SG14HCAL00004	720UL
		0.16	149	6		PCT	P2	FB6	-1.13	TEC	TEH			SG14HCAL00004	720UL
		0.20	137	8		PCT	P2	FB4	-1.08	TEC	TEH			SG14HCAL00004	720UL
		0.66	126	20		PCT	P2	FB5	-1.08	TEC	TEH			SG14HCAL00004	720UL
66	60	0.26	115	10		PCT	P2	FB4	-1.18	TEC	TEH			SG14HCAL00006	720UL
		0.37	135	13		PCT	P2	FB3	-1.27	TEC	TEH			SG14HCAL00006	720UL
		0.57	120	18		PCT	P2	FB5	-1.20	TEC	TEH			SG14HCAL00006	720UL
66	62	0.14	86	6		PCT	P2	FB5	-1.17	TEC	TEH			SG14HCAL00001	720UL
		0.21	138	8		PCT	P2	FB6	-1.33	TEC	TEH			SG14HCAL00001	720UL
		0.27	113	10		PCT	P2	FB4	-1.17	TEC	TEH			SG14HCAL00001	720UL
		0.52	115	16		PCT	P2	FB4	-1.19	TEC	TEH			SG14HCAL00001	720UL
		0.71	118	20		PCT	P2	FB5	-1.19	TEC	TEH			SG14HCAL00001	720UL
66	64	0.15	82	6		PCT	P2	FB5	-1.09	TEC	TEH			SG14HCAL00002	720UL
66	66	0.11	57	5		PCT	P2	FB5	-1.12	TEC	TEH			SG14HCAL00004	720UL
		0.13	84	6		PCT	P2	FB4	-1.21	TEC	TEH			SG14HCAL00004	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
66	68	0.13 84	5	PCT	P2	FB5	1.14		TEC	TEH				SG14HCAL00003 720UL	
		0.24 88	9	PCT	P2	FB4	-1.14		TEC	TEH				SG14HCAL00003 720UL	
66	70	0.22 137	9	PCT	P2	FB4	-1.04		TEC	TEH				SG14HCAL00004 720UL	
66	72	0.13 100	5	PCT	P2	FB4	-1.18		TEC	TEH				SG14HCAL00003 720UL	
67	47	0.12 95	5	PCT	P2	FB6	-1.21		TEC	TEH				SG14HCAL00006 720UL	
		0.21 137	8	PCT	P2	FB5	0.93		TEC	TEH				SG14HCAL00006 720UL	
		0.24 84	9	PCT	P2	FB4	0.98		TEC	TEH				SG14HCAL00006 720UL	
67	49	0.10 97	4	PCT	P2	FB6	1.18		TEC	TEH				SG14HCAL00005 720UL	
		0.23 98	8	PCT	P2	FB5	-1.02		TEC	TEH				SG14HCAL00005 720UL	
67	53	0.17 96	6	PCT	P2	FB5	1.07		TEC	TEH				SG14HCAL00005 720UL	
67	55	0.11 73	4	PCT	P2	FB5	1.12		TEC	TEH				SG14HCAL00005 720UL	
		0.20 67	7	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00005 720UL	
67	57	0.20 116	8	PCT	P2	FB5	-1.23		TEC	TEH				SG14HCAL00006 720UL	
		0.21 130	8	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00006 720UL	
		0.25 113	9	PCT	P2	FB6	-1.11		TEC	TEH				SG14HCAL00006 720UL	
67	59	0.11 113	4	PCT	P2	FB4	1.07		TEC	TEH				SG14HCAL00003 720UL	
		0.22 140	8	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00003 720UL	
		0.26 140	10	PCT	P2	FB5	1.04		TEC	TEH				SG14HCAL00003 720UL	
		0.27 106	10	PCT	P2	FB3	-1.28		TEC	TEH				SG14HCAL00003 720UL	
		0.36 120	13	PCT	P2	FB6	1.14		TEC	TEH				SG14HCAL00003 720UL	
67	61	0.22 88	9	PCT	P2	FB4	1.14		TEC	TEH				SG14HCAL00002 720UL	
		0.22 138	9	PCT	P2	FB5	1.11		TEC	TEH				SG14HCAL00002 720UL	
		0.24 135	9	PCT	P2	FB4	-1.11		TEC	TEH				SG14HCAL00002 720UL	
		0.34 121	12	PCT	P2	FB5	-1.14		TEC	TEH				SG14HCAL00002 720UL	
		0.37 121	13	PCT	P2	FB6	-1.28		TEC	TEH				SG14HCAL00002 720UL	
67	63	0.22 104	8	PCT	P2	FB6	-1.35		TEC	TEH				SG14HCAL00001 720UL	
		0.25 123	9	PCT	P2	FB3	-1.16		TEC	TEH				SG14HCAL00001 720UL	
		0.32 119	11	PCT	P2	FB5	1.12		TEC	TEH				SG14HCAL00001 720UL	
		1.09 116	26	PCT	P2	FB4	-1.19		TEC	TEH				SG14HCAL00001 720UL	
67	65	0.14 55	5	PCT	P2	FB5	-1.14		TEC	TEH				SG14HCAL00001 720UL	
		0.14 106	5	PCT	P2	FB6	-1.28		TEC	TEH				SG14HCAL00001 720UL	
		0.14 141	5	PCT	P2	FB5	1.16		TEC	TEH				SG14HCAL00001 720UL	
		0.20 110	8	PCT	P2	FB3	1.49		TEC	TEH				SG14HCAL00001 720UL	
		0.39 124	13	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00001 720UL	
67	67	0.14 109	6	PCT	P2	FB5	-1.21		TEC	TEH				SG14HCAL00003 720UL	
		0.16 130	6	PCT	P2	FB6	-1.30		TEC	TEH				SG14HCAL00003 720UL	
		0.18 99	7	PCT	P2	FB3	-1.32		TEC	TEH				SG14HCAL00003 720UL	

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.31127	11	PCT	P2	FB4	-1.18		TEC	TEH				SG14HCAL00003	720UL
67	69	0.1790	7	PCT	P2	FB5	-1.15		TEC	TEH				SG14HCAL00004	720UL
		0.17141	7	PCT	P2	FB6	-1.23		TEC	TEH				SG14HCAL00004	720UL
		0.18133	7	PCT	P2	FB4	-1.15		TEC	TEH				SG14HCAL00004	720UL
		0.34130	12	PCT	P2	FB4	-1.15		TEC	TEH				SG14HCAL00004	720UL
67	71	0.12120	5	PCT	P2	FB6	-1.33		TEC	TEH				SG14HCAL00004	720UL
		0.15142	6	PCT	P2	FB4	-1.38		TEC	TEH				SG14HCAL00004	720UL
68	48	0.11131	5	PCT	P2	FB4	-1.17		TEC	TEH				SG14HCAL00006	720UL
68	52	0.14114	5	PCT	P2	FB4	-1.09		TEC	TEH				SG14HCAL00005	720UL
		0.19101	7	PCT	P2	FB5	-1.14		TEC	TEH				SG14HCAL00005	720UL
68	54	0.12121	5	PCT	P2	FB6	0.00		TEC	TEH				SG14HCAL00005	720UL
		0.3160	11	PCT	P2	FB5	0.00		TEC	TEH				SG14HCAL00005	720UL
		0.3598	12	PCT	P2	FB4	0.02		TEC	TEH				SG14HCAL00005	720UL
68	56	0.1471	5	PCT	P2	FB6	-1.26		TEC	TEH				SG14HCAL00005	720UL
		0.28136	10	PCT	P2	FB5	-1.09		TEC	TEH				SG14HCAL00005	720UL
		0.3589	12	PCT	P2	FB4	-1.07		TEC	TEH				SG14HCAL00005	720UL
68	58	0.13131	5	PCT	P2	FB4	-1.04		TEC	TEH				SG14HCAL00003	720UL
		0.1498	6	PCT	P2	FB4	-1.23		TEC	TEH				SG14HCAL00003	720UL
		0.1593	6	PCT	P2	FB5	-1.14		TEC	TEH				SG14HCAL00003	720UL
		0.2091	8	PCT	P2	FB5	-1.16		TEC	TEH				SG14HCAL00003	720UL
68	60	0.19148	7	PCT	P2	FB6	-1.19		TEC	TEH				SG14HCAL00003	720UL
		0.2091	8	PCT	P2	FB4	0.95		TEC	TEH				SG14HCAL00003	720UL
		0.25140	9	PCT	P2	FB5	-1.19		TEC	TEH				SG14HCAL00003	720UL
68	62	0.11101	4	PCT	P2	FB6	-1.37		TEC	TEH				SG14HCAL00001	720UL
68	64	0.1296	5	PCT	P2	FB6	-1.33		TEC	TEH				SG14HCAL00001	720UL
		0.17137	6	PCT	P2	FB3	-1.14		TEC	TEH				SG14HCAL00001	720UL
		0.28124	10	PCT	P2	FB6	-1.26		TEC	TEH				SG14HCAL00001	720UL
		0.28126	10	PCT	P2	FB4	-1.05		TEC	TEH				SG14HCAL00001	720UL
		0.40118	13	PCT	P2	FB4	-1.12		TEC	TEH				SG14HCAL00001	720UL
		0.70122	20	PCT	P2	FB5	-1.12		TEC	TEH				SG14HCAL00001	720UL
68	66	0.1039	4	PCT	P2	FB5	-1.13		TEC	TEH				SG14HCAL00004	720UL
		0.1298	5	PCT	P2	FB6	-1.16		TEC	TEH				SG14HCAL00004	720UL
		0.13135	5	PCT	P2	FB3	-1.06		TEC	TEH				SG14HCAL00004	720UL
		0.1480	6	PCT	P2	FB5	-1.11		TEC	TEH				SG14HCAL00004	720UL
		0.26128	10	PCT	P2	FB4	-1.23		TEC	TEH				SG14HCAL00004	720UL
68	68	0.18114	7	PCT	P2	FB4	-1.16		TEC	TEH				SG14HCAL00003	720UL
68	70	0.1667	7	PCT	P2	FB4	-1.03		TEC	TEH				SG14HCAL00004	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
68	72	0.14	136	6		PCT P2	FB4	-1.09	TEC	TEH				SG14HCAL000003	720UL
68	78	0.11	79	5		PCT P2	FB4	-0.65	TEC	TEH				SG14HCAL000004	720UL
69	53	0.10	42	4		PCT P2	FB6	-1.26	TEC	TEH				SG14HCAL000005	720UL
		0.12	95	5		PCT P2	FB5	1.09	TEC	TEH				SG14HCAL000005	720UL
		0.14	108	5		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL000005	720UL
69	55	0.10	127	4		PCT P2	FB6	-1.30	TEC	TEH				SG14HCAL000005	720UL
		0.19	72	7		PCT P2	FB3	-1.21	TEC	TEH				SG14HCAL000005	720UL
		0.28	88	10		PCT P2	FB5	1.14	TEC	TEH				SG14HCAL000005	720UL
		0.52	106	16		PCT P2	FB4	-1.16	TEC	TEH				SG14HCAL000005	720UL
69	57	0.10	112	4		PCT P2	FB5	-1.12	TEC	TEH				SG14HCAL000005	720UL
69	59	0.23	90	9		PCT P2	FB5	-1.21	TEC	TEH				SG14HCAL000003	720UL
		0.37	124	13		PCT P2	FB6	-1.30	TEC	TEH				SG14HCAL000003	720UL
		0.37	135	13		PCT P2	FB3	-1.21	TEC	TEH				SG14HCAL000003	720UL
		0.42	123	14		PCT P2	FB6	1.19	TEC	TEH				SG14HCAL000003	720UL
		0.65	128	19		PCT P2	FB5	1.05	TEC	TEH				SG14HCAL000003	720UL
		1.15	121	27		PCT P2	FB4	-1.19	TEC	TEH				SG14HCAL000003	720UL
69	61	0.17	124	7		PCT P2	FB3	-1.41	TEC	TEH				SG14HCAL000003	720UL
		0.19	114	7		PCT P2	FB4	1.11	TEC	TEH				SG14HCAL000003	720UL
		0.25	133	9		PCT P2	FB3	1.37	TEC	TEH				SG14HCAL000003	720UL
		0.38	114	13		PCT P2	FB5	1.11	TEC	TEH				SG14HCAL000003	720UL
		0.41	120	14		PCT P2	FB5	-1.18	TEC	TEH				SG14HCAL000003	720UL
		0.79	131	22		PCT P2	FB6	-1.32	TEC	TEH				SG14HCAL000003	720UL
		0.83	124	22		PCT P2	FB4	-1.14	TEC	TEH				SG14HCAL000003	720UL
69	67	0.09	119	4		PCT P2	FB3	1.29	TEC	TEH				SG14HCAL000002	720UL
		0.15	120	6		PCT P2	FB5	-1.10	TEC	TEH				SG14HCAL000002	720UL
		0.21	102	8		PCT P2	FB6	-1.29	TEC	TEH				SG14HCAL000002	720UL
		0.30	118	11		PCT P2	FB4	1.19	TEC	TEH				SG14HCAL000002	720UL
69	69	0.32	140	11		PCT P2	FB6	-1.28	TEC	TEH				SG14HCAL000003	720UL
		0.37	140	13		PCT P2	FB3	1.37	TEC	TEH				SG14HCAL000003	720UL
		0.50	129	16		PCT P2	FB5	-1.18	TEC	TEH				SG14HCAL000003	720UL
		0.76	122	21		PCT P2	FB4	1.18	TEC	TEH				SG14HCAL000003	720UL
70	38	0.11	37	4		PCT P2	FB4	-1.04	TEC	TEH				SG14HCAL000005	720UL
70	46	0.10	70	4		PCT P2	FB3	-1.13	TEC	TEH				SG14HCAL000005	720UL
		0.21	96	8		PCT P2	FB4	-1.08	TEC	TEH				SG14HCAL000005	720UL
70	48	0.14	41	5		PCT P2	FB4	-1.09	TEC	TEH				SG14HCAL000005	720UL
70	50	0.13	57	5		PCT P2	FB6	-1.25	TEC	TEH				SG14HCAL000005	720UL
		0.22	92	8		PCT P2	FB4	-1.16	TEC	TEH				SG14HCAL000005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.26	71	9		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL000005	720UL
70	52	0.12	125	5		PCT P2	FB3	-1.20	TEC	TEH				SG14HCAL000006	720UL
		0.19	125	8		PCT P2	FB5	0.94	TEC	TEH				SG14HCAL000006	720UL
		0.29	127	11		PCT P2	FB4	-1.32	TEC	TEH				SG14HCAL000006	720UL
70	54	0.17	75	6		PCT P2	FB5	0.02	TEC	TEH				SG14HCAL000005	720UL
		0.21	102	7		PCT P2	FB4	0.00	TEC	TEH				SG14HCAL000005	720UL
70	58	0.20	102	8		PCT P2	FB4	1.14	TEC	TEH				SG14HCAL000003	720UL
		0.24	138	9		PCT P2	FB5	-1.18	TEC	TEH				SG14HCAL000003	720UL
		0.26	113	10		PCT P2	FB4	-1.21	TEC	TEH				SG14HCAL000003	720UL
		0.26	138	10		PCT P2	FB6	-1.21	TEC	TEH				SG14HCAL000003	720UL
		0.51	119	16		PCT P2	FB5	1.18	TEC	TEH				SG14HCAL000003	720UL
70	60	0.11	127	5		PCT P2	FB3	1.23	TEC	TEH				SG14HCAL000003	720UL
		0.13	126	5		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL000003	720UL
		0.21	120	8		PCT P2	FB6	1.16	TEC	TEH				SG14HCAL000003	720UL
		0.27	127	10		PCT P2	FB4	0.93	TEC	TEH				SG14HCAL000003	720UL
70	62	0.17	80	7		PCT P2	FB3	-1.02	TEC	TEH				SG14HCAL000001	720UL
		0.21	130	8		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000001	720UL
		0.22	138	8		PCT P2	FB5	-1.14	TEC	TEH				SG14HCAL000001	720UL
		0.38	99	13		PCT P2	FB3	1.42	TEC	TEH				SG14HCAL000001	720UL
		0.51	121	16		PCT P2	FB4	-1.21	TEC	TEH				SG14HCAL000001	720UL
		0.63	110	19		PCT P2	FB4	1.12	TEC	TEH				SG14HCAL000001	720UL
		0.66	120	19		PCT P2	FB5	1.09	TEC	TEH				SG14HCAL000001	720UL
70	66	0.14	140	6		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000002	720UL
		0.15	117	6		PCT P2	FB4	-1.07	TEC	TEH				SG14HCAL000002	720UL
		0.15	118	6		PCT P2	FB3	-1.24	TEC	TEH				SG14HCAL000002	720UL
		0.16	77	6		PCT P2	FB4	1.19	TEC	TEH				SG14HCAL000002	720UL
		0.22	114	8		PCT P2	FB5	1.12	TEC	TEH				SG14HCAL000002	720UL
70	68	0.12	95	5		PCT P2	FB6	1.16	TEC	TEH				SG14HCAL000004	720UL
		0.31	105	12		PCT P2	FB4	-1.04	TEC	TEH				SG14HCAL000004	720UL
70	70	0.27	129	10		PCT P2	FB6	1.14	TEC	TEH				SG14HCAL000001	720UL
		0.27	137	10		PCT P2	FB5	1.19	TEC	TEH				SG14HCAL000001	720UL
		0.52	134	16		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL000001	720UL
70	72	0.09	132	4		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000004	720UL
		0.17	128	7		PCT P2	FB4	-1.06	TEC	TEH				SG14HCAL000004	720UL
70	76	0.11	129	5		PCT P2	FB4	-1.11	TEC	TEH				SG14HCAL000004	720UL
70	78	0.14	108	6		PCT P2	FB4	-1.06	TEC	TEH				SG14HCAL000003	720UL
71	43	0.12	111	5		PCT P2	FB5	-1.13	TEC	TEH				SG14HCAL000006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.14	151	6		PCT P2	FB4	1.08		TEC	TEH			SG14HCAL000006	720UL
71	45	0.13	133	5		PCT P2	FB3	1.39		TEC	TEH			SG14HCAL000006	720UL
		0.14	91	6		PCT P2	FB5	-1.23		TEC	TEH			SG14HCAL000006	720UL
		0.17	139	7		PCT P2	FB4	1.00		TEC	TEH			SG14HCAL000006	720UL
71	47	0.11	145	5		PCT P2	FB3	1.21		TEC	TEH			SG14HCAL000006	720UL
		0.24	141	9		PCT P2	FB4	0.95		TEC	TEH			SG14HCAL000006	720UL
		0.27	108	10		PCT P2	FB5	-1.11		TEC	TEH			SG14HCAL000006	720UL
71	49	0.19	132	7		PCT P2	FB5	-1.23		TEC	TEH			SG14HCAL000006	720UL
		0.21	128	8		PCT P2	FB4	0.93		TEC	TEH			SG14HCAL000006	720UL
71	51	0.21	70	7		PCT P2	FB4	1.11		TEC	TEH			SG14HCAL000005	720UL
71	53	0.12	64	5		PCT P2	FB5	-1.23		TEC	TEH			SG14HCAL000006	720UL
		0.13	115	5		PCT P2	FB5	-0.09		TEC	TEH			SG14HCAL000006	720UL
71	55	0.16	147	7		PCT P2	FB4	-1.25		TEC	TEH			SG14HCAL000006	720UL
		0.17	136	7		PCT P2	FB5	0.94		TEC	TEH			SG14HCAL000006	720UL
71	57	0.17	103	6		PCT P2	FB6	-1.21		TEC	TEH			SG14HCAL000005	720UL
		0.17	150	6		PCT P2	FB3	-1.09		TEC	TEH			SG14HCAL000005	720UL
		0.65	127	19		PCT P2	FB5	1.12		TEC	TEH			SG14HCAL000005	720UL
		1.34	116	28		PCT P2	FB4	-1.12		TEC	TEH			SG14HCAL000005	720UL
71	59	0.10	71	4		PCT P2	FB7	-1.51		TEC	TEH			SG14HCAL000004	720UL
		0.11	141	5		PCT P2	FB5	-1.08		TEC	TEH			SG14HCAL000004	720UL
		0.14	109	6		PCT P2	FB5	1.11		TEC	TEH			SG14HCAL000004	720UL
		0.15	116	6		PCT P2	FB6	-1.20		TEC	TEH			SG14HCAL000004	720UL
		0.27	115	10		PCT P2	FB4	1.11		TEC	TEH			SG14HCAL000004	720UL
		0.27	124	11		PCT P2	FB6	1.13		TEC	TEH			SG14HCAL000004	720UL
71	61	0.10	139	4		PCT P2	FB6	-1.23		TEC	TEH			SG14HCAL000004	720UL
		0.17	99	7		PCT P2	FB5	1.11		TEC	TEH			SG14HCAL000004	720UL
		0.28	121	11		PCT P2	FB4	-1.18		TEC	TEH			SG14HCAL000004	720UL
71	63	0.47	118	15		PCT P2	FB3	1.30		TEC	TEH			SG14HCAL000001	720UL
		0.53	103	17		PCT P2	FB4	1.16		TEC	TEH			SG14HCAL000001	720UL
		0.53	118	16		PCT P2	FB4	-1.19		TEC	TEH			SG14HCAL000001	720UL
		0.65	115	19		PCT P2	FB5	1.09		TEC	TEH			SG14HCAL000001	720UL
		0.72	124	20		PCT P2	FB6	-1.28		TEC	TEH			SG14HCAL000001	720UL
		1.00	118	25		PCT P2	FB5	-1.16		TEC	TEH			SG14HCAL000001	720UL
71	65	0.11	151	5		PCT P2	FB5	1.14		TEC	TEH			SG14HCAL000001	720UL
		0.17	122	7		PCT P2	FB5	-1.14		TEC	TEH			SG14HCAL000001	720UL
		0.19	137	7		PCT P2	FB3	-1.05		TEC	TEH			SG14HCAL000001	720UL
		0.20	110	8		PCT P2	FB3	1.35		TEC	TEH			SG14HCAL000001	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.21	92	8		PCT	P2	FB6	-1.17	TEC	TEH			SG14HCAL000001	720UL
		1.11	120	26		PCT	P2	FB4	-1.14	TEC	TEH			SG14HCAL000001	720UL
71	67	0.10	107	4		PCT	P2	FB3	-1.09	TEC	TEH			SG14HCAL000004	720UL
		0.16	141	7		PCT	P2	FB4	1.21	TEC	TEH			SG14HCAL000004	720UL
		0.17	102	7		PCT	P2	FB6	-1.18	TEC	TEH			SG14HCAL000004	720UL
		0.17	121	7		PCT	P2	FB3	1.33	TEC	TEH			SG14HCAL000004	720UL
		0.19	116	8		PCT	P2	FB5	-1.09	TEC	TEH			SG14HCAL000004	720UL
		0.19	126	8		PCT	P2	FB4	-1.18	TEC	TEH			SG14HCAL000004	720UL
71	69	0.14	80	6		PCT	P2	FB5	1.18	TEC	TEH			SG14HCAL000003	720UL
		0.44	118	15		PCT	P2	FB4	-1.16	TEC	TEH			SG14HCAL000003	720UL
71	71	0.11	75	5		PCT	P2	FB6	-1.14	TEC	TEH			SG14HCAL000004	720UL
		0.15	49	6		PCT	P2	FB5	-1.09	TEC	TEH			SG14HCAL000004	720UL
		0.15	105	6		PCT	P2	FB4	1.50	TEC	TEH			SG14HCAL000004	720UL
71	75	0.11	137	5		PCT	P2	FB5	-1.16	TEC	TEH			SG14HCAL000029	720UL
		0.14	121	6		PCT	P2	FB4	1.04	TEC	TEH			SG14HCAL000029	720UL
72	48	0.12	69	5		PCT	P2	FB4	-1.11	TEC	TEH			SG14HCAL000005	720UL
		0.14	76	5		PCT	P2	FB5	1.06	TEC	TEH			SG14HCAL000005	720UL
		0.26	121	9		PCT	P2	FB3	-1.15	TEC	TEH			SG14HCAL000005	720UL
72	54	0.13	49	5		PCT	P2	FB6	0.00	TEC	TEH			SG14HCAL000005	720UL
		0.16	90	6		PCT	P2	FB5	0.00	TEC	TEH			SG14HCAL000005	720UL
		0.29	80	10		PCT	P2	FB4	0.00	TEC	TEH			SG14HCAL000005	720UL
72	56	0.19	99	7		PCT	P2	FB6	-1.30	TEC	TEH			SG14HCAL000006	720UL
		0.21	144	8		PCT	P2	FB3	1.06	TEC	TEH			SG14HCAL000006	720UL
		0.46	124	15		PCT	P2	FB4	0.87	TEC	TEH			SG14HCAL000006	720UL
		0.52	124	17		PCT	P2	FB5	-1.26	TEC	TEH			SG14HCAL000006	720UL
72	58	0.17	116	7		PCT	P2	FB3	1.26	TEC	TEH			SG14HCAL000004	720UL
		0.19	97	8		PCT	P2	FB6	-1.19	TEC	TEH			SG14HCAL000004	720UL
		0.40	137	14		PCT	P2	FB4	1.16	TEC	TEH			SG14HCAL000004	720UL
		0.63	119	20		PCT	P2	FB5	-1.09	TEC	TEH			SG14HCAL000004	720UL
72	60	0.24	122	9		PCT	P2	FB5	-1.09	TEC	TEH			SG14HCAL000004	720UL
		0.26	133	10		PCT	P2	FB6	1.11	TEC	TEH			SG14HCAL000004	720UL
		0.27	133	10		PCT	P2	FB4	1.19	TEC	TEH			SG14HCAL000004	720UL
72	62	0.10	128	4		PCT	P2	FB4	1.17	TEC	TEH			SG14HCAL000001	720UL
72	64	0.25	133	10		PCT	P2	FB6	1.16	TEC	TEH			SG14HCAL000002	720UL
		0.25	134	9		PCT	P2	FB5	1.11	TEC	TEH			SG14HCAL000002	720UL
		0.30	141	11		PCT	P2	FB3	1.19	TEC	TEH			SG14HCAL000002	720UL
		0.82	130	23		PCT	P2	FB4	0.99	TEC	TEH			SG14HCAL000002	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
72	66	0.13	111	5		PCT P2	FB4	-1.30	TEC	TEH				SG14HCAL00003	720UL
		0.18	98	7		PCT P2	FB6	1.11	TEC	TEH				SG14HCAL00003	720UL
		0.29	113	11		PCT P2	FB5	1.04	TEC	TEH				SG14HCAL00003	720UL
		0.31	121	11		PCT P2	FB3	-1.25	TEC	TEH				SG14HCAL00003	720UL
		0.44	115	15		PCT P2	FB4	1.09	TEC	TEH				SG14HCAL00003	720UL
72	68	0.09	98	4		PCT P2	FB6	1.11	TEC	TEH				SG14HCAL00004	720UL
72	72	0.22	89	9		PCT P2	FB4	-1.09	TEC	TEH				SG14HCAL00004	720UL
73	41	0.15	92	6		PCT P2	FB3	1.12	TEC	TEH				SG14HCAL00006	720UL
		0.16	122	7		PCT P2	FB5	-1.44	TEC	TEH				SG14HCAL00006	720UL
		0.41	122	14		PCT P2	FB4	0.86	TEC	TEH				SG14HCAL00006	720UL
73	43	0.13	84	5		PCT P2	FB6	-1.22	TEC	TEH				SG14HCAL00005	720UL
		0.18	103	6		PCT P2	FB3	1.25	TEC	TEH				SG14HCAL00005	720UL
		0.24	79	8		PCT P2	FB4	1.06	TEC	TEH				SG14HCAL00005	720UL
73	45	0.23	88	8		PCT P2	FB5	1.04	TEC	TEH				SG14HCAL00005	720UL
		0.28	109	10		PCT P2	FB3	1.30	TEC	TEH				SG14HCAL00005	720UL
		0.28	122	10		PCT P2	FB4	1.14	TEC	TEH				SG14HCAL00005	720UL
73	47	0.12	149	5		PCT P2	FB3	1.21	TEC	TEH				SG14HCAL00006	720UL
		0.13	113	5		PCT P2	FB5	1.05	TEC	TEH				SG14HCAL00006	720UL
		0.13	134	5		PCT P2	FB6	-1.19	TEC	TEH				SG14HCAL00006	720UL
		0.15	142	6		PCT P2	FB5	-1.26	TEC	TEH				SG14HCAL00006	720UL
		0.25	144	9		PCT P2	FB4	0.75	TEC	TEH				SG14HCAL00006	720UL
73	53	0.10	90	4		PCT P2	FB6	-1.21	TEC	TEH				SG14HCAL00006	720UL
		0.11	88	4		PCT P2	FB3	1.12	TEC	TEH				SG14HCAL00006	720UL
		0.17	137	7		PCT P2	FB3	-1.31	TEC	TEH				SG14HCAL00006	720UL
		0.23	126	9		PCT P2	FB6	0.79	TEC	TEH				SG14HCAL00006	720UL
		0.43	118	15		PCT P2	FB4	1.00	TEC	TEH				SG14HCAL00006	720UL
		0.45	120	15		PCT P2	FB5	-1.21	TEC	TEH				SG14HCAL00006	720UL
		0.66	118	20		PCT P2	FB5	1.17	TEC	TEH				SG14HCAL00006	720UL
		1.23	123	28		PCT P2	FB4	-1.24	TEC	TEH				SG14HCAL00006	720UL
73	55	0.10	86	4		PCT P2	FB4	-1.22	TEC	TEH				SG14HCAL00006	720UL
		0.43	131	14		PCT P2	FB6	1.17	TEC	TEH				SG14HCAL00006	720UL
		0.48	128	16		PCT P2	FB3	1.22	TEC	TEH				SG14HCAL00006	720UL
		0.54	131	17		PCT P2	FB4	1.00	TEC	TEH				SG14HCAL00006	720UL
		1.17	127	28		PCT P2	FB5	0.95	TEC	TEH				SG14HCAL00006	720UL
73	57	0.11	83	4		PCT P2	FB5	-1.14	TEC	TEH				SG14HCAL00006	720UL
		0.13	122	5		PCT P2	FB3	-1.35	TEC	TEH				SG14HCAL00006	720UL
		0.21	130	8		PCT P2	FB3	1.14	TEC	TEH				SG14HCAL00006	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.46	121	15		PCT P2	FB6	1.12		TEC	TEH			SG14HCAL000006	720UL
		0.86	126	23		PCT P2	FB5	0.86		TEC	TEH			SG14HCAL000006	720UL
		1.28	120	29		PCT P2	FB4	1.14		TEC	TEH			SG14HCAL000006	720UL
73	59	0.10	125	4		PCT P2	FB4	-1.14		TEC	TEH			SG14HCAL000004	720UL
		0.14	126	6		PCT P2	FB4	1.12		TEC	TEH			SG14HCAL000004	720UL
		0.18	139	8		PCT P2	FB6	-1.19		TEC	TEH			SG14HCAL000004	720UL
		0.19	141	8		PCT P2	FB5	-1.07		TEC	TEH			SG14HCAL000004	720UL
		0.22	139	9		PCT P2	FB3	-1.21		TEC	TEH			SG14HCAL000004	720UL
73	65	0.16	98	7		PCT P2	FB5	-1.11		TEC	TEH			SG14HCAL000002	720UL
		0.18	70	7		PCT P2	FB3	1.35		TEC	TEH			SG14HCAL000002	720UL
		0.18	99	7		PCT P2	FB5	1.13		TEC	TEH			SG14HCAL000002	720UL
		0.20	100	8		PCT P2	FB4	1.11		TEC	TEH			SG14HCAL000002	720UL
		0.32	137	12		PCT P2	FB4	-1.11		TEC	TEH			SG14HCAL000002	720UL
73	67	0.11	31	4		PCT P2	FB3	1.28		TEC	TEH			SG14HCAL000002	720UL
74	46	0.12	65	5		PCT P2	FB5	1.09		TEC	TEH			SG14HCAL000006	720UL
		0.20	139	8		PCT P2	FB4	-1.51		TEC	TEH			SG14HCAL000006	720UL
74	50	0.24	111	9		PCT P2	FB3	-1.44		TEC	TEH			SG14HCAL000006	720UL
		0.27	122	10		PCT P2	FB6	0.93		TEC	TEH			SG14HCAL000006	720UL
		0.63	119	19		PCT P2	FB4	-1.02		TEC	TEH			SG14HCAL000006	720UL
		0.78	123	22		PCT P2	FB5	1.04		TEC	TEH			SG14HCAL000006	720UL
74	52	0.15	67	6		PCT P2	FB3	1.40		TEC	TEH			SG14HCAL000005	720UL
		0.19	95	7		PCT P2	FB6	-1.33		TEC	TEH			SG14HCAL000005	720UL
		0.25	109	9		PCT P2	FB7	1.56		TEC	TEH			SG14HCAL000005	720UL
		0.35	102	12		PCT P2	FB3	-1.12		TEC	TEH			SG14HCAL000005	720UL
		0.41	99	13		PCT P2	FB5	-1.12		TEC	TEH			SG14HCAL000005	720UL
		0.65	118	18		PCT P2	FB6	1.19		TEC	TEH			SG14HCAL000005	720UL
		1.29	110	28		PCT P2	FB5	1.07		TEC	TEH			SG14HCAL000005	720UL
		1.65	109	31		PCT P2	FB4	-1.05		TEC	TEH			SG14HCAL000005	720UL
74	54	0.17	61	6		PCT P2	FB5	-0.02		TEC	TEH			SG14HCAL000005	720UL
74	56	0.16	139	7		PCT P2	FB7	1.48		TEC	TEH			SG14HCAL000006	720UL
74	58	0.13	110	6		PCT P2	FB6	-1.21		TEC	TEH			SG14HCAL000004	720UL
		0.13	137	6		PCT P2	FB7	1.43		TEC	TEH			SG14HCAL000004	720UL
		0.14	143	6		PCT P2	FB6	1.11		TEC	TEH			SG14HCAL000004	720UL
		0.22	83	9		PCT P2	FB4	-1.06		TEC	TEH			SG14HCAL000004	720UL
		0.60	122	19		PCT P2	FB4	1.16		TEC	TEH			SG14HCAL000004	720UL
		0.65	124	20		PCT P2	FB5	1.11		TEC	TEH			SG14HCAL000004	720UL
		0.72	126	21		PCT P2	FB5	-1.09		TEC	TEH			SG14HCAL000004	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.73	121	22		PCT P2	FB3	1.23		TEC	TEH			SG14HCAL00004	720UL
74	60	0.13	92	5		PCT P2	FB5	-1.08		TEC	TEH			SG14HCAL00004	720UL
		0.14	146	6		PCT P2	FB3	1.37		TEC	TEH			SG14HCAL00004	720UL
		0.17	122	7		PCT P2	FB4	1.15		TEC	TEH			SG14HCAL00004	720UL
74	64	0.19	119	8		PCT P2	FB6	1.20		TEC	TEH			SG14HCAL00002	720UL
		0.19	131	8		PCT P2	FB4	-1.06		TEC	TEH			SG14HCAL00002	720UL
		0.20	141	8		PCT P2	FB3	-1.08		TEC	TEH			SG14HCAL00002	720UL
		0.21	108	8		PCT P2	FB4	1.08		TEC	TEH			SG14HCAL00002	720UL
		0.82	120	23		PCT P2	FB5	1.11		TEC	TEH			SG14HCAL00002	720UL
74	66	0.12	87	5		PCT P2	FB4	-1.18		TEC	TEH			SG14HCAL00003	720UL
		0.21	76	8		PCT P2	FB4	-1.21		TEC	TEH			SG14HCAL00003	720UL
		0.25	143	9		PCT P2	FB6	1.07		TEC	TEH			SG14HCAL00003	720UL
		0.28	111	10		PCT P2	FB5	1.04		TEC	TEH			SG14HCAL00003	720UL
		0.33	117	12		PCT P2	FB3	-1.25		TEC	TEH			SG14HCAL00003	720UL
74	68	0.14	97	6		PCT P2	FB6	-1.19		TEC	TEH			SG14HCAL00004	720UL
		0.16	56	7		PCT P2	FB3	-1.14		TEC	TEH			SG14HCAL00004	720UL
		0.31	133	12		PCT P2	FB6	1.16		TEC	TEH			SG14HCAL00004	720UL
		0.50	126	17		PCT P2	FB5	1.14		TEC	TEH			SG14HCAL00004	720UL
		1.23	120	29		PCT P2	FB4	-1.07		TEC	TEH			SG14HCAL00004	720UL
74	70	0.18	128	7		PCT P2	FB5	1.18		TEC	TEH			SG14HCAL00003	720UL
		0.19	122	7		PCT P2	FB4	-1.16		TEC	TEH			SG14HCAL00003	720UL
75	39	0.11	42	4		PCT P2	FB5	-1.13		TEC	TEH			SG14HCAL00005	720UL
		0.14	69	5		PCT P2	FB3	1.31		TEC	TEH			SG14HCAL00005	720UL
		0.18	64	7		PCT P2	FB4	1.11		TEC	TEH			SG14HCAL00005	720UL
		0.22	100	8		PCT P2	FB6	-1.24		TEC	TEH			SG14HCAL00005	720UL
75	47	0.15	73	5		PCT P2	FB4	1.09		TEC	TEH			SG14HCAL00005	720UL
75	49	0.12	66	5		PCT P2	FB6	1.19		TEC	TEH			SG14HCAL00005	720UL
		0.18	107	7		PCT P2	FB4	1.02		TEC	TEH			SG14HCAL00005	720UL
		0.21	100	8		PCT P2	FB5	-1.09		TEC	TEH			SG14HCAL00005	720UL
75	51	0.17	130	6		PCT P2	FB3	1.30		TEC	TEH			SG14HCAL00005	720UL
		0.23	125	8		PCT P2	FB4	1.12		TEC	TEH			SG14HCAL00005	720UL
75	61	0.23	129	9		PCT P2	FB4	-1.23		TEC	TEH			SG14HCAL00003	720UL
75	65	0.10	60	4		PCT P2	FB4	1.11		TEC	TEH			SG14HCAL00002	720UL
		0.19	119	8		PCT P2	FB4	-1.09		TEC	TEH			SG14HCAL00002	720UL
		0.22	113	9		PCT P2	FB5	1.09		TEC	TEH			SG14HCAL00002	720UL
		0.40	110	14		PCT P2	FB3	1.38		TEC	TEH			SG14HCAL00002	720UL
75	67	0.10	81	4		PCT P2	FB3	-1.05		TEC	TEH			SG14HCAL00001	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.21	75	8		PCT P2	FB6	1.21		TEC	TEH			SG14HCAL00001	720UL
		0.28	142	10		PCT P2	FB3	1.44		TEC	TEH			SG14HCAL00001	720UL
		0.40	129	13		PCT P2	FB5	-1.07		TEC	TEH			SG14HCAL00001	720UL
		1.06	120	25		PCT P2	FB4	1.09		TEC	TEH			SG14HCAL00001	720UL
75	69	0.12	140	5		PCT P2	FB5	-1.11		TEC	TEH			SG14HCAL00004	720UL
76	40	0.14	96	6		PCT P2	FB4	-1.16		TEC	TEH			SG14HCAL00006	720UL
76	44	0.13	128	5		PCT P2	FB6	1.18		TEC	TEH			SG14HCAL00006	720UL
		0.16	108	7		PCT P2	FB5	1.14		TEC	TEH			SG14HCAL00006	720UL
		0.29	122	11		PCT P2	FB4	-1.27		TEC	TEH			SG14HCAL00006	720UL
76	46	0.17	44	6		PCT P2	FB4	-1.12		TEC	TEH			SG14HCAL00005	720UL
76	48	0.21	129	8		PCT P2	FB3	-1.37		TEC	TEH			SG14HCAL00006	720UL
		0.27	98	10		PCT P2	FB4	-1.07		TEC	TEH			SG14HCAL00006	720UL
76	50	0.21	142	8		PCT P2	FB3	-1.16		TEC	TEH			SG14HCAL00005	720UL
		0.26	110	9		PCT P2	FB6	1.14		TEC	TEH			SG14HCAL00005	720UL
		0.34	121	11		PCT P2	FB4	-1.16		TEC	TEH			SG14HCAL00005	720UL
		1.58	113	31		PCT P2	FB5	1.09		TEC	TEH			SG14HCAL00005	720UL
76	52	0.11	138	5		PCT P2	FB6	1.27		TEC	TEH			SG14HCAL00006	720UL
		0.20	140	8		PCT P2	FB3	-1.22		TEC	TEH			SG14HCAL00006	720UL
		1.00	125	26		PCT P2	FB4	-1.25		TEC	TEH			SG14HCAL00006	720UL
		1.49	121	31		PCT P2	FB5	0.95		TEC	TEH			SG14HCAL00006	720UL
76	66	0.11	125	5		PCT P2	FB2	0.79		TEC	TEH			SG14HCAL00003	720UL
77	37	0.13	136	5		PCT P2	FB3	1.25		TEC	TEH			SG14HCAL00005	720UL
		0.15	79	5		PCT P2	FB4	1.06		TEC	TEH			SG14HCAL00005	720UL
77	39	0.10	150	4		PCT P2	FB6	-1.18		TEC	TEH			SG14HCAL00005	720UL
		0.15	94	6		PCT P2	FB4	1.13		TEC	TEH			SG14HCAL00005	720UL
77	49	0.14	129	6		PCT P2	FB4	0.90		TEC	TEH			SG14HCAL00006	720UL
77	59	0.19	84	7		PCT P2	FB4	1.00		TEC	TEH			SG14HCAL00003	720UL
		0.23	121	9		PCT P2	FB6	1.16		TEC	TEH			SG14HCAL00003	720UL
		0.45	137	15		PCT P2	FB5	1.00		TEC	TEH			SG14HCAL00003	720UL
		0.50	136	16		PCT P2	FB3	-1.26		TEC	TEH			SG14HCAL00003	720UL
		0.62	116	19		PCT P2	FB4	-1.21		TEC	TEH			SG14HCAL00003	720UL
77	61	0.12	125	5		PCT P2	FB6	1.16		TEC	TEH			SG14HCAL00003	720UL
		0.14	139	6		PCT P2	FB5	-1.23		TEC	TEH			SG14HCAL00003	720UL
		0.25	116	9		PCT P2	FB6	-1.30		TEC	TEH			SG14HCAL00003	720UL
		0.34	134	12		PCT P2	FB4	1.09		TEC	TEH			SG14HCAL00003	720UL
		0.63	115	19		PCT P2	FB5	1.12		TEC	TEH			SG14HCAL00003	720UL
		0.65	127	19		PCT P2	FB3	1.21		TEC	TEH			SG14HCAL00003	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.65	127	19		PCT P2	FB4	-1.21	TEC	TEH				SG14HCAL000003	720UL
77	65	0.11	53	5		PCT P2	FB2	1.63	TEC	TEH				SG14HCAL000002	720UL
		0.14	97	6		PCT P2	FB4	-1.19	TEC	TEH				SG14HCAL000002	720UL
		0.19	132	8		PCT P2	FB5	1.15	TEC	TEH				SG14HCAL000002	720UL
		0.58	129	18		PCT P2	FB3	1.29	TEC	TEH				SG14HCAL000002	720UL
		0.66	122	20		PCT P2	FB6	-1.27	TEC	TEH				SG14HCAL000002	720UL
		1.07	120	27		PCT P2	FB4	1.07	TEC	TEH				SG14HCAL000002	720UL
		1.60	115	32		PCT P2	FB5	-1.15	TEC	TEH				SG14HCAL000002	720UL
77	69	0.08	61	3		PCT P2	FB4	-1.17	TEC	TEH				SG14HCAL000002	720UL
		0.08	88	3		PCT P2	FB2	1.43	TEC	TEH				SG14HCAL000002	720UL
		0.15	127	6		PCT P2	FB3	1.38	TEC	TEH				SG14HCAL000002	720UL
		0.17	124	7		PCT P2	FB5	1.09	TEC	TEH				SG14HCAL000002	720UL
		0.18	118	7		PCT P2	FB6	-1.17	TEC	TEH				SG14HCAL000002	720UL
		0.20	135	8		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL000002	720UL
		0.36	132	13		PCT P2	FB4	1.04	TEC	TEH				SG14HCAL000002	720UL
78	44	0.17	142	7		PCT P2	FB6	1.05	TEC	TEH				SG14HCAL000006	720UL
78	46	0.10	51	4		PCT P2	FB3	-1.05	TEC	TEH				SG14HCAL000005	720UL
		0.13	69	5		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000005	720UL
		0.15	59	6		PCT P2	FB5	1.14	TEC	TEH				SG14HCAL000005	720UL
78	48	0.12	139	5		PCT P2	FB5	0.98	TEC	TEH				SG14HCAL000006	720UL
		0.13	136	5		PCT P2	FB7	1.91	TEC	TEH				SG14HCAL000006	720UL
		0.16	141	6		PCT P2	FB3	-1.30	TEC	TEH				SG14HCAL000006	720UL
		0.20	98	8		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL000006	720UL
78	50	0.34	104	11		PCT P2	FB5	1.14	TEC	TEH				SG14HCAL000005	720UL
		0.45	116	14		PCT P2	FB3	-1.16	TEC	TEH				SG14HCAL000005	720UL
		0.49	118	15		PCT P2	FB4	-1.16	TEC	TEH				SG14HCAL000005	720UL
78	54	0.14	88	5		PCT P2	FB5	0.00	TEC	TEH				SG14HCAL000005	720UL
		0.15	60	6		PCT P2	FB6	0.00	TEC	TEH				SG14HCAL000005	720UL
		0.27	76	9		PCT P2	FB4	0.02	TEC	TEH				SG14HCAL000005	720UL
78	56	0.13	81	5		PCT P2	FB3	-1.09	TEC	TEH				SG14HCAL000005	720UL
		0.14	114	5		PCT P2	FB5	-1.07	TEC	TEH				SG14HCAL000005	720UL
		0.23	123	8		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000005	720UL
		0.45	118	14		PCT P2	FB4	-1.09	TEC	TEH				SG14HCAL000005	720UL
78	58	0.11	123	5		PCT P2	FB2	-0.94	TEC	TEH				SG14HCAL000004	720UL
		0.13	95	6		PCT P2	FB6	-1.21	TEC	TEH				SG14HCAL000004	720UL
		0.27	120	10		PCT P2	FB3	-1.09	TEC	TEH				SG14HCAL000004	720UL
		0.29	116	11		PCT P2	FB5	-1.11	TEC	TEH				SG14HCAL000004	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.30	98	11		PCT	P2	FB5	1.16	TEC	TEH			SG14HCAL00004	720UL
		0.61	124	19		PCT	P2	FB4	-1.04	TEC	TEH			SG14HCAL00004	720UL
78	60	0.15	69	6		PCT	P2	FB3	1.21	TEC	TEH			SG14HCAL00001	720UL
		0.17	126	7		PCT	P2	FB5	1.14	TEC	TEH			SG14HCAL00001	720UL
		0.28	131	10		PCT	P2	FB3	-1.12	TEC	TEH			SG14HCAL00001	720UL
		0.30	130	11		PCT	P2	FB5	-1.10	TEC	TEH			SG14HCAL00001	720UL
		0.33	102	11		PCT	P2	FB4	1.14	TEC	TEH			SG14HCAL00001	720UL
		0.52	118	16		PCT	P2	FB6	1.24	TEC	TEH			SG14HCAL00001	720UL
78	64	0.13	143	6		PCT	P2	FB6	1.21	TEC	TEH			SG14HCAL00004	720UL
		0.24	115	10		PCT	P2	FB5	1.06	TEC	TEH			SG14HCAL00004	720UL
		0.39	121	14		PCT	P2	FB4	-1.06	TEC	TEH			SG14HCAL00004	720UL
78	66	0.13	124	5		PCT	P2	FB3	-1.26	TEC	TEH			SG14HCAL00003	720UL
		0.17	93	7		PCT	P2	FB4	1.14	TEC	TEH			SG14HCAL00003	720UL
		0.69	130	20		PCT	P2	FB5	1.07	TEC	TEH			SG14HCAL00003	720UL
78	68	0.21	87	8		PCT	P2	FB5	1.09	TEC	TEH			SG14HCAL00003	720UL
79	37	0.15	117	6		PCT	P2	FB4	1.05	TEC	TEH			SG14HCAL00006	720UL
79	43	0.23	133	9		PCT	P2	FB6	-1.36	TEC	TEH			SG14HCAL00006	720UL
		0.26	119	10		PCT	P2	FB5	-1.11	TEC	TEH			SG14HCAL00006	720UL
		0.29	120	11		PCT	P2	FB3	1.09	TEC	TEH			SG14HCAL00006	720UL
		0.64	116	19		PCT	P2	FB4	1.02	TEC	TEH			SG14HCAL00006	720UL
79	45	0.14	135	6		PCT	P2	FB4	1.04	TEC	TEH			SG14HCAL00006	720UL
79	47	0.15	86	6		PCT	P2	FB3	1.08	TEC	TEH			SG14HCAL00006	720UL
		0.15	120	6		PCT	P2	FB4	1.13	TEC	TEH			SG14HCAL00006	720UL
		0.17	98	7		PCT	P2	FB6	-1.22	TEC	TEH			SG14HCAL00006	720UL
		0.32	124	12		PCT	P2	FB5	-1.13	TEC	TEH			SG14HCAL00006	720UL
79	49	0.24	113	9		PCT	P2	FB3	0.97	TEC	TEH			SG14HCAL00006	720UL
		0.66	128	20		PCT	P2	FB5	-0.88	TEC	TEH			SG14HCAL00006	720UL
		0.95	123	25		PCT	P2	FB4	1.11	TEC	TEH			SG14HCAL00006	720UL
79	51	0.17	128	7		PCT	P2	FB7	1.00	TEC	TEH			SG14HCAL00006	720UL
		0.21	115	8		PCT	P2	FB6	-1.28	TEC	TEH			SG14HCAL00006	720UL
		0.25	119	10		PCT	P2	FB5	-1.16	TEC	TEH			SG14HCAL00006	720UL
		0.40	116	14		PCT	P2	FB3	1.21	TEC	TEH			SG14HCAL00006	720UL
		0.63	126	19		PCT	P2	FB4	1.00	TEC	TEH			SG14HCAL00006	720UL
79	57	0.20	109	7		PCT	P2	FB2	-1.35	TEC	TEH			SG14HCAL00005	720UL
		0.21	134	8		PCT	P2	FB5	-1.14	TEC	TEH			SG14HCAL00005	720UL
		0.30	130	10		PCT	P2	FB3	-1.12	TEC	TEH			SG14HCAL00005	720UL
		0.79	117	21		PCT	P2	FB5	1.09	TEC	TEH			SG14HCAL00005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
		0.99	100	24		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL000005	720UL
79	59	0.12	105	5		PCT P2	FB7	-1.39	TEC	TEH				SG14HCAL000004	720UL
		0.16	118	7		PCT P2	FB6	-1.29	TEC	TEH				SG14HCAL000004	720UL
		0.22	112	9		PCT P2	FB6	1.29	TEC	TEH				SG14HCAL000004	720UL
		0.33	104	12		PCT P2	FB3	-1.09	TEC	TEH				SG14HCAL000004	720UL
		0.58	119	19		PCT P2	FB5	1.12	TEC	TEH				SG14HCAL000004	720UL
		0.94	128	25		PCT P2	FB4	-1.09	TEC	TEH				SG14HCAL000004	720UL
79	61	0.18	108	7		PCT P2	FB4	-1.11	TEC	TEH				SG14HCAL000004	720UL
79	67	0.10	77	5		PCT P2	FB3	-1.16	TEC	TEH				SG14HCAL000004	720UL
		0.14	139	6		PCT P2	FB4	-1.04	TEC	TEH				SG14HCAL000004	720UL
		0.18	95	7		PCT P2	FB6	1.23	TEC	TEH				SG14HCAL000004	720UL
		0.22	126	9		PCT P2	FB2	1.54	TEC	TEH				SG14HCAL000004	720UL
		0.45	135	16		PCT P2	FB3	1.30	TEC	TEH				SG14HCAL000004	720UL
		0.70	119	21		PCT P2	FB4	1.18	TEC	TEH				SG14HCAL000004	720UL
		1.04	120	27		PCT P2	FB5	-1.08	TEC	TEH				SG14HCAL000004	720UL
79	71	0.23	130	9		PCT P2	FB3	-1.09	TEC	TEH				SG14HCAL000003	720UL
		0.66	118	19		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL000003	720UL
80	44	0.14	111	5		PCT P2	FB6	1.28	TEC	TEH				SG14HCAL000005	720UL
		0.15	80	5		PCT P2	FB3	-1.12	TEC	TEH				SG14HCAL000005	720UL
		0.21	108	8		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL000005	720UL
		0.23	90	8		PCT P2	FB5	1.09	TEC	TEH				SG14HCAL000005	720UL
80	46	0.15	74	6		PCT P2	FB5	1.05	TEC	TEH				SG14HCAL000006	720UL
		0.16	154	6		PCT P2	FB3	-1.30	TEC	TEH				SG14HCAL000006	720UL
		0.19	117	7		PCT P2	FB6	1.05	TEC	TEH				SG14HCAL000006	720UL
		0.20	98	8		PCT P2	FB4	-1.14	TEC	TEH				SG14HCAL000006	720UL
80	48	0.11	137	4		PCT P2	FB7	-1.44	TEC	TEH				SG14HCAL000006	720UL
		0.20	111	8		PCT P2	FB3	-1.19	TEC	TEH				SG14HCAL000006	720UL
		0.33	131	12		PCT P2	FB6	-1.19	TEC	TEH				SG14HCAL000006	720UL
		0.44	128	15		PCT P2	FB4	-1.30	TEC	TEH				SG14HCAL000006	720UL
		0.59	113	18		PCT P2	FB5	1.12	TEC	TEH				SG14HCAL000006	720UL
80	50	0.17	80	7		PCT P2	FB3	-1.32	TEC	TEH				SG14HCAL000006	720UL
		0.23	120	9		PCT P2	FB6	1.28	TEC	TEH				SG14HCAL000006	720UL
		0.83	120	23		PCT P2	FB5	1.05	TEC	TEH				SG14HCAL000006	720UL
		1.00	128	25		PCT P2	FB4	-1.37	TEC	TEH				SG14HCAL000006	720UL
80	52	0.14	84	5		PCT P2	FB6	-1.23	TEC	TEH				SG14HCAL000005	720UL
		0.20	104	7		PCT P2	FB6	1.21	TEC	TEH				SG14HCAL000005	720UL
		0.32	64	11		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL000005	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.32	135	11		PCT P2	FB3	-1.21	TEC	TEH				SG14HCAL00005	720UL
		0.33	139	11		PCT P2	FB5	-1.12	TEC	TEH				SG14HCAL00005	720UL
80	54	0.10	41	4		PCT P2	FB5	-0.02	TEC	TEH				SG14HCAL00005	720UL
80	58	0.12	91	5		PCT P2	FB6	-1.19	TEC	TEH				SG14HCAL00004	720UL
		0.14	83	6		PCT P2	FB2	-1.33	TEC	TEH				SG14HCAL00004	720UL
		0.25	137	10		PCT P2	FB3	-1.14	TEC	TEH				SG14HCAL00004	720UL
		0.31	132	12		PCT P2	FB5	-1.12	TEC	TEH				SG14HCAL00004	720UL
		0.34	126	12		PCT P2	FB6	-1.21	TEC	TEH				SG14HCAL00004	720UL
		0.36	125	13		PCT P2	FB3	-1.26	TEC	TEH				SG14HCAL00004	720UL
		0.54	122	18		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL00004	720UL
		1.28	119	30		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL00004	720UL
		1.32	124	30		PCT P2	FB5	-1.07	TEC	TEH				SG14HCAL00004	720UL
81	49	0.16	57	6		PCT P2	FB2	-1.42	TEC	TEH				SG14HCAL00005	720UL
		0.17	115	6		PCT P2	FB6	-1.21	TEC	TEH				SG14HCAL00005	720UL
		0.23	68	8		PCT P2	FB4	-1.19	TEC	TEH				SG14HCAL00005	720UL
		0.23	129	8		PCT P2	FB7	-1.37	TEC	TEH				SG14HCAL00005	720UL
		0.49	124	15		PCT P2	FB6	-1.19	TEC	TEH				SG14HCAL00005	720UL
		0.51	125	16		PCT P2	FB3	-1.19	TEC	TEH				SG14HCAL00005	720UL
		1.01	107	24		PCT P2	FB4	-1.05	TEC	TEH				SG14HCAL00005	720UL
		1.09	111	25		PCT P2	FB5	-1.07	TEC	TEH				SG14HCAL00005	720UL
81	51	0.13	96	5		PCT P2	FB6	-1.37	TEC	TEH				SG14HCAL00006	720UL
		0.13	138	5		PCT P2	FB3	-1.05	TEC	TEH				SG14HCAL00006	720UL
		0.34	134	12		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL00006	720UL
		0.56	115	18		PCT P2	FB4	-1.00	TEC	TEH				SG14HCAL00006	720UL
81	53	0.10	110	4		PCT P2	FB5	-1.12	TEC	TEH				SG14HCAL00005	720UL
81	55	0.16	118	7		PCT P2	FB7	-1.67	TEC	TEH				SG14HCAL00006	720UL
		0.18	123	7		PCT P2	FB3	-1.00	TEC	TEH				SG14HCAL00006	720UL
		0.22	125	8		PCT P2	FB5	-1.11	TEC	TEH				SG14HCAL00006	720UL
		0.46	117	15		PCT P2	FB4	-1.07	TEC	TEH				SG14HCAL00006	720UL
		0.46	127	15		PCT P2	FB6	-1.37	TEC	TEH				SG14HCAL00006	720UL
81	59	0.11	112	5		PCT P2	FB7	-1.38	TEC	TEH				SG14HCAL00004	720UL
		0.12	113	5		PCT P2	FB2	-1.43	TEC	TEH				SG14HCAL00004	720UL
		0.15	45	6		PCT P2	FB3	-1.26	TEC	TEH				SG14HCAL00004	720UL
		0.15	88	6		PCT P2	FB4	-1.12	TEC	TEH				SG14HCAL00004	720UL
		0.43	124	15		PCT P2	FB5	-1.19	TEC	TEH				SG14HCAL00004	720UL
		0.48	133	16		PCT P2	FB5	-1.09	TEC	TEH				SG14HCAL00004	720UL
		0.63	129	20		PCT P2	FB3	-1.14	TEC	TEH				SG14HCAL00004	720UL

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
		0.73	126	21	PCT	P2	FB4	-1.04	TEC	TEH				SG14HCAL000004	720UL
		0.86	130	24	PCT	P2	FB6	1.19	TEC	TEH				SG14HCAL000004	720UL
81	65	0.09	45	4	PCT	P2	FB5	1.11	TEC	TEH				SG14HCAL000002	720UL
		0.24	109	9	PCT	P2	FB4	-1.16	TEC	TEH				SG14HCAL000002	720UL
82	54	0.18	58	7	PCT	P2	FB3	0.14	TEC	TEH				SG14HCAL000005	720UL
		0.42	99	14	PCT	P2	FB6	0.00	TEC	TEH				SG14HCAL000005	720UL
		0.51	99	16	PCT	P2	FB5	0.00	TEC	TEH				SG14HCAL000005	720UL
		0.71	98	20	PCT	P2	FB4	0.00	TEC	TEH				SG14HCAL000005	720UL
82	56	0.09	72	4	PCT	P2	FB3	0.93	TEC	TEH				SG14HCAL000006	720UL
		0.12	145	5	PCT	P2	FB6	1.16	TEC	TEH				SG14HCAL000006	720UL
		0.14	136	6	PCT	P2	FB5	0.81	TEC	TEH				SG14HCAL000006	720UL
		0.16	138	7	PCT	P2	FB5	-1.32	TEC	TEH				SG14HCAL000006	720UL
		0.21	140	8	PCT	P2	FB6	-1.34	TEC	TEH				SG14HCAL000006	720UL
		0.53	118	17	PCT	P2	FB4	1.00	TEC	TEH				SG14HCAL000006	720UL
82	58	0.11	103	5	PCT	P2	FB5	1.18	TEC	TEH				SG14HCAL000004	720UL
		0.12	104	5	PCT	P2	FB6	1.16	TEC	TEH				SG14HCAL000004	720UL
		0.22	108	9	PCT	P2	FB4	1.09	TEC	TEH				SG14HCAL000004	720UL

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**Attachment 5 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Lattice Grid Service Induced Indications

SG 11 PCT>0% in Cold Leg (CL) and Hot Leg (HL) Straights



SG11 PCT > 0% in CL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 14:43:15
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 11	DATABASE:	DCC_SG11_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Bobbin	BOBBIN	720UL	INLET
(H-3)-SI	HL Special Interest	MRPC	720PP	INLET
(H-4)-SI	UB Special Interest	MRPC	680PP	INLET
(H-5)	H/L Low Row Ubend (Rows 1-2)	BOBBIN	700UC	INLET
(H-6)	H/L To Be Plugged	BOBBIN	720UL	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	C/L To Be Plugged	BOBBIN	720UL	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08C TO TEC
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL
ANALYSTC	ALL

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No outages selected

ROW	COL V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
1	89	0.11	86	5	PCT	P2	07C	-1.73	08C	TEC				SG11CCAL000005 720UL
1	99	0.12	113	6	PCT	P2	08C	0.65	08C	TEC				SG11CCAL000005 720UL
2	66	0.13	69	6	PCT	P2	06C	-1.67	08C	TEC				SG11CCAL000005 720UL
2	70	0.16	71	7	PCT	P2	07C	-1.75	08C	TEC				SG11CCAL000005 720UL
3	33	0.17	139	8	PCT	P2	05C	1.26	08C	TEC				SG11CCAL000005 720UL
3	51	0.21	92	9	PCT	P2	06C	-1.49	08C	TEC				SG11CCAL000005 720UL
3	79	0.11	58	6	PCT	P2	05C	-1.61	08C	TEC				SG11CCAL000005 720UL
4	52	0.17	87	8	PCT	P2	06C	-1.17	08C	TEC				SG11CCAL000005 720UL

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SG11 PCT > 0% in HL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 14:44:06
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 11	DATABASE:	DCC_SG11_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Bobbin	BOBBIN	720UL	INLET
(H-3)-SI	HL Special Interest	MRPC	720PP	INLET
(H-4)-SI	UB Special Interest	MRPC	680PP	INLET
(H-5)	H/L Low Row Ubend (Rows 1- 2)	BOBBIN	700UC	INLET
(H-6)	H/L To Be Plugged	BOBBIN	720UL	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	C/L To Be Plugged	BOBBIN	720UL	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	TEH TO 08H
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL
ANALYSTS	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
1	77	0.16	78	7	PCT	P2	08H	1.05	08C	08H				SG11HCAL00045	700UC
29	49	0.12	74	5	PCT	P2	07H	0.67	TEC	TEH				SG11HCAL00033	720UL
32	24	0.20	107	8	PCT	P2	03H	0.61	TEC	TEH				SG11HCAL00009	720UL
34	36	0.44	118	16	PCT	P2	04H	-1.42	TEC	TEH				SG11HCAL00011	720UL
34	48	0.12	133	5	PCT	P2	03H	-1.10	TEC	TEH				SG11HCAL00011	720UL
41	17	0.16	136	7	PCT	P2	04H	-1.80	TEC	TEH				SG11HCAL00009	720UL
42	10	0.21	127	8	PCT	P2	03H	-1.74	TEC	TEH				SG11HCAL00033	720UL
43	17	0.17	136	7	PCT	P2	04H	-1.68	TEC	TEH				SG11HCAL00009	720UL

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**Attachment 6 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Lattice Grid Service Induced Indications

SG 12 PCT>0% in CL and HL Straights



SG12 PCT > 0% in CL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 14:57:00
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 12	DATABASE:	DCC_SG12_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Bobbin	BOBBIN	720UL	INLET
(H-3)-SI	HL Special Interest	MRPC	720PP	INLET
(H-4)-SI	UB Special Interest	MRPC	680PP	INLET
(H-5)	H/L Low Row Bobbin (Rows 1-2)	BOBBIN	700UC	INLET
(H-6)	HL To Be Plugged	BOBBIN	720UL	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	BOBBIN	720UL	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08C TO TEC
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL
ANALYSTS	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
1	47	0.13	104	6	PCT	P2	07C	-1.01	08C	TEC				SG12CCAL00007	720UL
		0.07	112	4	PCT	P2	07C	1.23	08C	TEC				SG12CCAL00007	720UL
1	63	0.18	121	9	PCT	P2	06C	0.88	08C	TEC				SG12CCAL00008	720UL
1	67	0.15	90	8	PCT	P2	07C	-1.10	08C	TEC				SG12CCAL00008	720UL
1	87	0.21	125	10	PCT	P2	07C	0.96	08C	TEC				SG12CCAL00008	720UL
2	44	0.10	62	5	PCT	P2	06C	-0.92	08C	TEC				SG12CCAL00007	720UL
2	50	0.14	65	7	PCT	P2	07C	-1.17	08C	TEC				SG12CCAL00008	720UL
2	52	0.12	103	6	PCT	P2	06C	-1.17	08C	TEC				SG12CCAL00007	720UL
2	66	0.10	101	5	PCT	P2	05C	1.04	08C	TEC				SG12CCAL00008	720UL
		0.13	151	7	PCT	P2	05C	-1.08	08C	TEC				SG12CCAL00008	720UL
2	72	0.09	105	5	PCT	P2	06C	-1.04	08C	TEC				SG12CCAL00008	720UL
3	61	0.11	136	6	PCT	P2	06C	-1.17	08C	TEC				SG12CCAL00008	720UL
3	77	0.08	110	4	PCT	P2	06C	0.92	08C	TEC				SG12CCAL00008	720UL

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SG12 PCT > 0% in HL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 15:01:08
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 12	DATABASE:	DCC_SG12_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Bobbin	BOBBIN	720UL	INLET
(H-3)-SI	HL Special Interest	MRPC	720PP	INLET
(H-4)-SI	UB Special Interest	MRPC	680PP	INLET
(H-5)	H/L Low Row Bobbin (Rows 1-2)	BOBBIN	700UC	INLET
(H-6)	HL To Be Plugged	BOBBIN	720UL	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	BOBBIN	720UL	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	TEH TO 08H
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL
ANALYCTC	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
29	57	0.15	113	8	PCT	P2	01H	0.68	TEC	TEH				SG12HCAL00019	720UL
31	35	0.23	132	11	PCT	P2	03H	-0.57	TEC	TEH				SG12HCAL00011	720UL
31	53	0.13	114	7	PCT	P2	05H	0.63	TEC	TEH				SG12HCAL00011	720UL
34	58	0.10	81	5	PCT	P2	04H	-1.56	TEC	TEH				SG12HCAL00010	720UL
37	51	0.11	134	6	PCT	P2	07H	0.72	TEC	TEH				SG12HCAL00011	720UL
		0.08	132	4	PCT	P2	05H	0.68	TEC	TEH				SG12HCAL00011	720UL
38	52	0.10	78	6	PCT	P2	05H	0.72	TEC	TEH				SG12HCAL00011	720UL
42	64	0.16	110	7	PCT	P2	03H	0.59	TEC	TEH				SG12HCAL00010	720UL
45	55	0.12	131	6	PCT	P2	05H	0.79	TEC	TEH				SG12HCAL00009	720UL
48	48	0.09	126	5	PCT	P2	04H	0.50	TEC	TEH				SG12HCAL00012	720UL
50	24	0.16	149	8	PCT	P2	04H	0.48	TEC	TEH				SG12HCAL00016	720UL
53	67	0.17	89	8	PCT	P2	03H	-1.61	TEC	TEH				SG12HCAL00009	720UL
55	87	0.11	97	6	PCT	P2	03H	0.43	TEC	TEH				SG12HCAL00025	720UL
56	86	0.42	122	18	PCT	P2	03H	0.74	TEC	TEH				SG12HCAL00025	720UL
60	66	0.12	110	6	PCT	P2	03H	-1.69	TEC	TEH				SG12HCAL00003	720UL
62	66	0.27	107	12	PCT	P2	03H	-1.69	TEC	TEH				SG12HCAL00003	720UL

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**Attachment 7 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Lattice Grid Service Induced Indications

SG 13 PCT>0% in CL and HL Straights



SG13 PCT > 0% in CL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 15:08:07
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 13	DATABASE:	DCC_SG13_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)-SI	HL Special Interest	MRPC	720PP	INLET
(H-3)	H/L Hist PLP Bounding	MRPC	720PP	INLET
(H-4)	H/L Full Length Bobbin	BOBBIN	720UL	INLET
(H-5)-SI	UB Special Interest	MRPC	680PP	INLET
(H-6)	H/L Low Row Tubes Rows 1 and 2	BOBBIN	700UC	INLET
(H-7)	HL To Be Plugged	MRPC	680MB	INLET
(C-1)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-2)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	MRPC	680MB	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08C TO TEC
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LME	INF	INT	XTF	XTT	UT1	UT2	CG	PC
1	35	0.20	76	9	PCT	P2	05C	1.19	08C	TEC				SG13CCAL00006	720UC
1	59	0.14	63	6	PCT	P2	05C	1.10	08C	TEC				SG13CCAL00006	720UC
		0.15	104	7	PCT	P2	06C	1.14	08C	TEC				SG13CCAL00006	720UC
		0.18	115	8	PCT	P2	06C	-1.52	08C	TEC				SG13CCAL00006	720UC
1	71	0.16	81	8	PCT	P2	06C	1.04	08C	TEC				SG13CCAL00006	720UC
		0.28	127	12	PCT	P2	05C	-1.36	08C	TEC				SG13CCAL00006	720UC
		0.17	109	8	PCT	P2	06C	-1.39	08C	TEC				SG13CCAL00006	720UC
		0.31	132	13	PCT	P2	08C	1.07	08C	08H				SG13HCAL00050	700UC
2	2	0.09	122	5	PCT	P2	07C	-1.56	08C	TEC				SG13CCAL00006	720UC
2	14	0.15	101	8	PCT	P2	07C	-1.55	08C	TEC				SG13CCAL00005	720UL
2	44	0.10	134	5	PCT	P2	07C	-1.67	08C	TEC				SG13CCAL00006	720UC
2	50	0.14	106	6	PCT	P2	07C	-1.53	08C	TEC				SG13CCAL00006	720UC
2	74	0.17	64	8	PCT	P2	06C	-1.15	08C	TEC				SG13CCAL00006	720UC
		0.16	65	7	PCT	P2	07C	-1.55	08C	TEC				SG13CCAL00006	720UC
2	86	0.10	140	5	PCT	P2	07C	-1.55	08C	TEC				SG13CCAL00006	720UC
		0.13	126	6	PCT	P2	06C	-1.50	08C	TEC				SG13CCAL00006	720UC
2	88	0.12	131	6	PCT	P2	07C	-1.51	08C	TEC				SG13CCAL00006	720UC
3	31	0.23	131	10	PCT	P2	06C	0.89	08C	TEC				SG13CCAL00006	720UC
		0.16	83	8	PCT	P2	05C	0.89	08C	TEC				SG13CCAL00006	720UC
3	67	0.12	96	6	PCT	P2	08C	-1.41	08C	TEC				SG13CCAL00006	720UC
3	69	0.17	103	8	PCT	P2	04C	1.34	08C	TEC				SG13CCAL00006	720UC
3	79	0.15	102	7	PCT	P2	07C	-1.49	08C	TEC				SG13CCAL00006	720UC
		0.11	124	5	PCT	P2	07C	0.48	08C	TEC				SG13CCAL00006	720UC
3	83	0.14	122	7	PCT	P2	07C	-1.57	08C	TEC				SG13CCAL00006	720UC
3	89	0.13	110	6	PCT	P2	07C	-1.47	08C	TEC				SG13CCAL00006	720UC
4	78	0.17	54	8	PCT	P2	08C	-1.46	08C	TEC				SG13CCAL00006	720UC
		0.22	71	10	PCT	P2	08C	-1.49	08C	TEH				SG13HCAL00049	720UC

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SG13 PCT > 0% in HL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 15:12:13
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 13	DATABASE:	DCC_SG13_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)-SI	HL Special Interest	MRPC	720PP	INLET
(H-3)	H/L Hist PLP Bounding	MRPC	720PP	INLET
(H-4)	H/L Full Length Bobbin	BOBBIN	720UL	INLET
(H-5)-SI	UB Special Interest	MRPC	680PP	INLET
(H-6)	H/L Low Row Tubes Rows 1 and 2	BOBBIN	700UC	INLET
(H-7)	HL To Be Plugged	MRPC	680MB	INLET
(C-1)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-2)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	MRPC	680MB	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	TEH TO 08H
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTF	XTT	UT1	UT2	CG	PC
1	69	0.19	122	9	PCT	P2	08H	1.35	08C	TEH				SG13HCAL00049	720UC
1	103	0.14	125	7	PCT	P2	08H	0.49	08C	TEH				SG13HCAL00049	720UC
16	26	0.11	118	6	PCT	P2	05H	0.54	TEC	TEH				SG13HCAL00047	720UC
25	39	0.17	101	10	PCT	P2	05H	0.49	TEC	TEH				SG13HCAL00018	720UL
29	77	0.10	24	5	PCT	P2	04H	-1.60	TEC	TEH				SG13HCAL00021	720UL
29	103	0.13	114	6	PCT	P2	05H	-1.68	TEC	TEH				SG13HCAL00033	720UL
31	51	0.13	104	7	PCT	P2	05H	0.60	TEC	TEH				SG13HCAL00013	720UL
35	49	0.12	53	7	PCT	P2	05H	-1.72	TEC	TEH				SG13HCAL00014	720UL
36	50	0.14	54	8	PCT	P2	08H	0.61	TEC	TEH				SG13HCAL00014	720UL
42	42	0.26	120	12	PCT	P2	05H	-1.64	TEC	TEH				SG13HCAL00012	720UL
44	56	0.09	143	5	PCT	P2	04H	-1.81	TEC	TEH				SG13HCAL00014	720UL
53	61	0.11	138	6	PCT	P2	03H	-1.76	TEC	TEH				SG13HCAL00014	720UL

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**Attachment 8 to Enclosure to AEP-NRC-2015-01
Unit 1 2014 Steam Generator Tube Inspection Report**

Lattice Grid Service Induced Indications

SG 14 PCT>0% in CL and HL Straights



SG14 PCT > 0% in CL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 15:51:06
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 14	DATABASE:	DCC_SG14_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Hist PLP Bounding	MRPC	720PP	INLET
(H-3)	H/L Bobbin	BOBBIN	720UL	INLET
(H-4)-SI	HL Special Interest	MRPC	720PP	INLET
(H-5)-SI	UB Special Interest	MRPC	680PP	INLET
(H-6)	H/L Low Row Bobbin (Rows 1-2)	BOBBIN	700UC	INLET
(H-7)	HL To Be Plugged	MRPC	680MB	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	MRPC	680MB	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	08C TO TEC
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL

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No outages selected

ROW	COL	V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
1	47	0.22	98	8		PCT	P2	07C	-1.20		08C	TEC			SG14CCAL00011 720UL
1	51	0.17	74	7		PCT	P2	06C	0.92		08C	TEC			SG14CCAL00011 720UL
2	62	0.18	107	7		PCT	P2	06C	0.94		08C	TEC			SG14CCAL00011 720UL
3	31	0.09	97	4		PCT	P2	07C	-0.94		08C	TEC			SG14CCAL00011 720UL
8	44	0.13	134	5		PCT	P2	04C	0.94		08C	TEC			SG14CCAL00011 720UL
19	105	0.10	133	5		PCT	P2	08C	-1.66		TEC	TEH			SG14HCAL00029 720UL

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SG14 PCT > 0% in HL Straight

UTILITY:	AEP	DATE:	Dec 12 2014 15:54:57
PLANT:	DC Cook	UNIT:	1
COMPONENT:	SG 14	DATABASE:	DCC_SG14_U1C26_FINAL

Test Plans

NUMBER	TEST PLAN NAME	PROBE TYPE	PROBE CODE	LEG
(H-1)	H/L TTS RPC	MRPC	720PP	INLET
(H-2)	H/L Hist PLP Bounding	MRPC	720PP	INLET
(H-3)	H/L Bobbin	BOBBIN	720UL	INLET
(H-4)-SI	HL Special Interest	MRPC	720PP	INLET
(H-5)-SI	UB Special Interest	MRPC	680PP	INLET
(H-6)	H/L Low Row Bobbin (Rows 1-2)	BOBBIN	700UC	INLET
(H-7)	HL To Be Plugged	MRPC	680MB	INLET
(C-1)	C/L TTS RPC	MRPC	720PP	OUTLET
(C-2)-SI	CL Special Interest	MRPC	720PP	OUTLET
(C-3)	C/L Bobbin Straights	BOBBIN	720UL	OUTLET
(C-4)	CL To Be Plugged	MRPC	680MB	OUTLET

Query Parameters

PARAMETER	VALUE
ROW	ALL
COL	ALL
VOLTS	ALL
DEGREES	ALL
PERCENT	0 TO 100
LOCATION	TEH TO 08H
ELEVATION MODE	RANGE
ELEVATION	0.00 TO 0.00
EXTENT	ALL
SECTIONS	ALL
IND. CODES	ALL
CHANNELS	ALL
PROBE CODES	ALL
CAL GROUPS	ALL
UTILITY1	ALL
UTILITY2	ALL

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No outages selected

ROW	COL V	PHA	PER	IND	CH	LMF	INF	INT	XTE	XTT	UT1	UT2	CG	PC
23	27	0.12	111	4	PCT	P2	06H	0.58	TEC	TEH				SG14HCAL00019 720UL
36	46	0.20	82	7	PCT	P2	05H	0.53	TEC	TEH				SG14HCAL00011 720UL
48	14	0.11	155	5	PCT	P2	03H	-1.62	TEC	TEH				SG14HCAL00015 720UL
54	16	0.08	133	3	PCT	P2	08H	0.88	TEC	TEH				SG14HCAL00014 720UL
57	45	0.23	131	10	PCT	P2	03H	-1.60	TEC	TEH				SG14HCAL00020 720UL
58	36	0.14	127	6	PCT	P2	07H	-1.74	TEC	TEH				SG14HCAL00020 720UL
59	45	0.12	141	5	PCT	P2	03H	-1.69	TEC	TEH				SG14HCAL00020 720UL
62	60	0.14	127	5	PCT	P2	06H	-1.79	TEC	TEH				SG14HCAL00005 720UL
64	52	0.14	112	6	PCT	P2	03H	-1.61	TEC	TEH				SG14HCAL00006 720UL
67	67	0.20	109	8	PCT	P2	08H	-1.55	TEC	TEH				SG14HCAL00003 720UL
71	37	0.10	129	4	PCT	P2	07H	0.30	TEC	TEH				SG14HCAL00006 720UL
72	46	0.12	142	5	PCT	P2	04H	0.28	TEC	TEH				SG14HCAL00006 720UL
73	45	0.09	143	4	PCT	P2	04H	0.37	TEC	TEH				SG14HCAL00005 720UL
77	55	0.09	48	3	PCT	P2	05H	1.44	TEC	TEH				SG14HCAL00005 720UL
82	56	0.08	118	4	PCT	P2	03H	0.44	TEC	TEH				SG14HCAL00006 720UL

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