



Crystal River Nuclear Plant
Docket No. 50-302
Operating License No. DPR-72

Ref: 10 CFR 50.36

March 8, 2006
3F0306-01

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

Subject: Crystal River Unit 3 - Special Report 06-01: Results of the Once-Through Steam Generator Tube Inservice Inspection Conducted During Refueling Outage 14

- References:
1. PEF to NRC letter, 3F1205-03, dated December 3, 2005, Crystal River Unit 3 Special Report 05-01: Once-Through Steam Generator (OTSG) Notifications Required Prior to MODE 4
 2. FPC to NRC letter, 3F0601-07, dated June 28, 2001, Crystal River Unit 3 – Contingency Letter of Commitment Regarding License Amendment Request 252, Revision 0, Once Through Steam Generator Tube Surveillance Program, Tube Repair Roll (Re-Roll) Process (TAC No. MB1519)

Dear Sir:

Florida Power Corporation (FPC), doing business as Progress Energy Florida, Inc. (PEF), hereby submits Special Report 06-01: Results of the Once-Through Steam Generator (OTSG) Tube Inservice Inspection Conducted During Refueling 14. This submittal fulfills the requirements of Improved Technical Specification (ITS) 5.7.2.e, which requires submittal of the report to the NRC within 90 days following output breaker closure. Breaker closure for Crystal River Unit 3 (CR-3) was achieved on December 10, 2005. [Ninety days from this date is March 10, 2006.]

As required by ITS 5.7.2.e, Special Report 06-01 (Attachment) provides the following information:

1. Number and extent of tubes inspected,
2. Location and percent of wall-thickness penetration for each indication of an imperfection,
3. Location, bobbin coil amplitude, and axial and circumferential extent (if determined) for each first span Intergranular Attack (IGA) indication,
4. Identification of tubes plugged or repaired and specification of the repair methodology implemented for each tube, and
5. Number of as-found and as-left tubes with tube-end crack (TEC) indications, number of as-found and as-left TEC indications, the number of as-found and as-left TEC indications as a function of tubesheet radius, the as-found, as-left, probability of detection and new TEC leakage for upper and lower tubesheet indications. An assessment of the adequacy of the predictive methodology in Addendum C to Topical Report BAW-2346P, Revision

A047

0, including assessing the distribution of indications found in each OTSG to ensure the assumption regarding the similarity of the distribution of indications remain consistent from one cycle to the next and that the assumption of a linear increase in leak rate remain valid. Corrective actions in the event that the assessment indicates the assumptions can not be fully supported.

Special Report 06-01 also provides information to fulfill a commitment made in Reference 2 to provide a summary of the evaluation performed to calculate a best-estimate of the leakage expected due to a Large Break Loss-of-Coolant Accident.

This letter also serves to document two minor corrections to data previously provided in the Mode 4 report (Reference 1). These are described below.

1. Page 3 of Reference 1 provides a table summarizing the axially oriented tube end crack (TEC) tubes, indications, and projected accident leakage. The correction was identified while validating information for the attached 90-Day Report with the finalized eddy-current database. A clarifying note to the table states there were 52 tubes with duplicate TEC indications at the upper and lower tube ends for the 902 tubes left in-service in OTSG-B. The amount was based on the as-found tubes versus as-left. One tube with a TEC on both ends was repaired at only one end. As such, the actual number of unique tubes repaired was 51, and there were 903 TEC tubes returned to service.

The projected accident leakage for OTSG-A was calculated to be 0.347 gpm based on the guidance in Crystal River 3 License Amendment No. 222. This amendment describes how to calculate the projected TEC leakage for the next cycle and provides an example of how to perform the calculation. The example given calculates the projected leakage per steam generator and does not distinguish upper from lower tube ends. The original 0.347 gpm was therefore calculated using the total steam generator trends. The requested information for the 90-Day Report includes a summary of the as-left, probability of detection (POD), new, and trend leakage components for both upper and lower tube ends associated with TEC leakage. The trend leakage for OTSG-A was originally calculated using 0.011 gpm for the upper tube end and -0.004 gpm for the lower tube ends. This resulted in a net trend leakage of 0.007 gpm. While this calculation would satisfy the license amendment, the negative flow essentially represented a credit towards the overall leakage prediction. Therefore, plant staff has chosen to be conservative in the TEC trend leakage prediction by not applying any credit to any individual upper or lower TEC. The -0.004 gpm flow was changed to zero; only the increasing trend of 0.011 gpm for the upper tube end was credited for the overall TEC trend leakage component. The methodology from the license amendment did not specifically address the situation where the leakage from one end of a tube is increasing while decreasing at the other end. By ignoring the negative flow from the one end, the OTSG-A projected accident leakage increases by 0.004 from 0.347 to 0.351 gpm. This increase is insignificant for the overall projected TEC leakage and therefore does not affect any conclusions or assumptions of the methodology. The as-left POD and new TEC leakages are all positive and therefore, are unaffected. NCR 184206 was documented in the CR3 corrective action program to address this error. The Mode 4 report

revised information follows. Additionally, clarification in applying License Amendment 222 will be provided in the implementing procedure.

2.

To reflect both these updates, the revised table under item 4 on page 3 of the Mode 4 report is as follows:

OTSG	Tubes UTE/LTE	Indications UTE/LTE	Projected Accident Leakage
A	1282/5	1698/8	0.351 gpm
B	*806/148	1066/161	0.296 gpm

* There were 51 tubes that were duplicates between the upper and lower TEC tubes, resulting in 903 distinct tubes left in service.

This letter establishes no new regulatory commitments.

If you have any questions regarding this submittal, please contact Mr. Paul Infanger, Supervisor, Licensing and Regulatory Programs at (352) 563-4796.

Sincerely,



Michael J. Annacone
Engineering Manager

MJA/dar

Attachment:

Special Report 06-01: Results of the Once-Through Steam Generator Tube Inservice Inspection Conducted During Refueling Outage 14

xc: NRR Project Manager
Regional Administrator, Region II
Senior Resident Inspector

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

ATTACHMENT

SPECIAL REPORT 06-01

**RESULTS OF THE
ONCE-THROUGH STEAM GENERATOR
TUBE INSERVICE INSPECTION CONDUCTED
DURING REFUELING OUTAGE 14**

Table of Contents

Attachment	Special Report 06-01: Results of the Once-Through Steam Generator Tube Inservice Inspection Conducted During Refuel Outage 14
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Appendix 2	First Span IGA in OTSG-B
Appendix 3	Tubes Plugged
Appendix 4	Tubes Repaired (Re-Rolled) And In-Service
Appendix 5	Tubes With Tube End Cracks (TEC) Remaining In-Service
Appendix 6	"B" OTSG First Span IGA

SPECIAL REPORT 06-01

RESULTS OF THE ONCE-THROUGH STEAM GENERATOR TUBE INSERVICE INSPECTION CONDUCTED DURING REFUELING OUTAGE 14

Introduction

Inservice inspection (ISI) of the Crystal River Unit 3 (CR-3) Once-Through Steam Generator (OTSG) tubes was performed during Refueling Outage 14 (14R), October 29 through December 10, 2005. In accordance with Improved Technical Specifications (ITS) Section 5.7, Reporting Requirements, Progress Energy is submitting Special Report 06-01. A diagram of an OTSG is attached in Figure 10.

ITS Section 5.7.2.e states:

The complete results of the OTSG tube inservice inspection shall be submitted to the NRC within 90 days after breaker closure following restart. The report shall include:

- 1. Number and extent of tubes inspected,*
- 2. Location and percent of wall-thickness penetration for each indication of an imperfection,*
- 3. Location, bobbin coil amplitude, and axial and circumferential extent (if determined) for each first span IGA indication, and*
- 4. Identification of tubes plugged or repaired and specification of the repair methodology implemented for each tube.*
- 5. Number of as-found and as-left tubes with TEC indications, number of as-found and as-left TEC indications, the number of as-found and as-left TEC indications as a function of tubesheet radius, the as-found, as-left, probability of detection and new TEC leakage for upper and lower tubesheet indications. An assessment of the adequacy of the predictive methodology in Addendum C to Topical Report BAW-2346P, Revision 0, including assessing the distribution of indications found in each OTSG to ensure the assumption regarding the similarity of the distribution of indications remain consistent from one cycle to the next and that the assumption of a linear increase in leak rate remain valid. Corrective actions in the event that the assessment indicates the assumptions can not be fully supported.*

Additionally, CR-3 committed to provide the primary-to-secondary leakage following a Large Break Loss-of-Coolant Accident (LBLOCA) evaluation.

Demonstrate that the primary-to-secondary leakage following a LBLOCA, as described in Appendix A to Topical Report BAW-2374, Revision 1 is acceptable based on the as-found condition of the steam generators.

The following information is presented to satisfy ITS Section 5.7.2.e requirements:

1. Number and extent of tubes inspected

The eddy current testing (ECT) inspection plan and selection of techniques for the OTSG tubes were designed to detect specific degradation mechanisms throughout the OTSG. The ISI of the OTSG tubes during 14R satisfies the requirements of ITS Section 5.6.2.10. The EPRI PWR Steam Generator Examination Guidelines (TR-1003138), Revision 6, Appendix H, describes the performance demonstration requirements for eddy current techniques used for the examination of

steam generator tubing and repairs. These criteria were used as the basis for determination of technique qualification.

A review of the qualified technique's essential variables was performed to ensure the application of any qualified technique was applicable to the site-specific conditions and is in compliance with 10 CFR 50, Appendix B, Criteria IX, Control of Special Processes, for qualified nondestructive examination (NDE) techniques. The eddy current techniques used at CR-3 during the 14R inspection were adequate for the detection and sizing (where applicable) of the damage mechanisms that are both active and potential for the OTSGs.

A technique is a category within an NDE method that describes the examination system, inspection requirements and detection capabilities for specific flaw types in sufficient detail to ensure consistent implementation with adequate confidence. Two ECT techniques were used to inspect the OTSG tubes as detailed below. ECT techniques are based on the type of probe used for the inspection; bobbin or motorized rotating pancake coil (MRPC), including a +Point™ coil.

The bobbin coil was used to examine 100% of the tubes in service from the secondary-side face of the upper tubesheet (UTS) to the secondary-side face of the lower tubesheet (LTS) in both OTSGs (15,232 tubes in OTSG-A, 14,748 in OTSG-B), excluding the UTS sleeved tubes (159 sleeves in OTSG-A and 156 in OTSG-B) which were examined from the LTS to the lower sleeve end. Indications identified using the bobbin coil were further characterized using MRPC (containing 0.115" pancake coil and a +Point™ coil). MRPC is qualified to detect the known and potential degradation mechanisms, primary water stress corrosion cracking (PWSCC), intergranular attack (IGA), and outside diameter stress corrosion cracking (ODSCC) in the tubesheet regions and sleeved tubes.

MRPC was used to examine the following specific areas of both steam generators:

- 100% upper and lower tubesheet from the tube end to the secondary-side face (UTS/LTS)
- 34% LTS sludge pile in the kidney region
- 34% Tubes in the Lane and Wedge region (UTS and 15th Support Plate)
- 34% Sleeved Tubes (roll regions UTE and 15th Support Plate)
- 100% Identified Dents
- 100% of Inconel 600 Plugs
- Further characterization of indications identified by the bobbin coil exam
- 100% of the tubes in B OTSG identified with 1st Span IGA

Inspection Summary

The bobbin coil inspection resulted in the A and B OTSG being classified with Category C-2 inspection results in accordance with ITS 5.6.2.10. Specific areas inspected with MRPC were calculated independently for categorization to identify if further actions were necessary to determine the extent of degradation.

The portion of tube within the clad region in both upper and lower tubesheets were identified as a Specific Limited Area (SLA) in 2003, Refueling Outage 13, as defined in ITS, 5.6.2.10.2.d, based on the physical construction of the tube end adjacent to the seal weld heat affected zone and the roll transition regions. The degradation mechanism is primary water stress corrosion cracking (PWSCC) since the indications appear to be inside diameter initiated and is unique to that area and not random in nature. Absolute determination of the degradation mechanism can only be determined by destructive examination (tube pulls). However, since the indications are near the tube ends, the method of destructive examination would likely corrupt the tube sample.

Therefore, 100% of the non-sleeved tubes in service in the upper and lower tubesheets must be inspected with MRPC each ISI from the tube end inward at least 3" (UTE to UTE-3 and LTE to LTE +3", or 1.5" beyond a re-roll if applicable). During 14R, the entire tube length between the tube end and the secondary face of the tubesheet for both the upper and lower tubesheets were examined with MRPC. The calculation for the overall categorization of the OTSG inspection results did not include the SLAs, as specified in ITS Section 5.6.2.10.2.d.

Table 1

OTSG-A Examination	Tubes Examined	Number Degraded	Number Defective
Bobbin Examination (Special Interest, Through-Wall Degradation [TWD] $\geq 20\%$ - $\leq 39\%$, TWD $\geq 40\%$)	15,232	19	0
New Upper Tube End Anomalies (Single and Multiple Axial Anomaly [SAA and MAA])	15,073	0	355*
Upper Tube Sheet Roll Area SLA Indications (Single and Multiple Axial Indication [SAI and MAI], Single and Multiple Circumferential Indication [SCI and MCI], Single and Multiple Volumetric Indication [SVI and MVI])	15,073	0	15*
Indications between Upper and Lower SLA (SAI, MAI, SCI, MCI, SVI, MVI)	15,232	0	13
Lower Tube Sheet Sludge Pile Region	2,054	0	0
New Lower Tube End Anomalies (SAA, MAA)	15,232	0	1*
Lower Tube End SLA Indications (SAI, MAI, SCI, MCI, SVI, MVI)	15,232	0	32*
Total for Inspection Results Categorization	15,232	19	13
Inspection Results Category		C-2	

* Consistent with ITS 5.6.2.10.2.d, this total was not included for overall categorization of the OTSG for SLA.

Table 2

OTSG-B Examination	Tubes Examined	Number Degraded	Number Defective
Bobbin Examination (Special Interest, TWD $\geq 20\%$ - $\leq 39\%$, TWD $\geq 40\%$)	14,748	49	1
New Upper Tube End Anomalies (SAA, MAA)	14,592	0	96*
Upper Tube Sheet Roll Area SLA Indications (SAI, MAI, SCI, MCI, SVI, MVI)	14,592	0	73*(Note)
Indications between Upper and Lower SLA (SAI, MAI, SCI, MCI, SVI, MVI)	14,748	0	13 (Note)
Lower Tube Sheet Sludge Pile Region	1,387	0	0
New Lower Tube End Anomalies (SAA, MAA)	14,748	0	45*
Lower Tube End SLA Indications (SAI, MAI, SCI, MCI, SVI, MVI)	14,748	0	6*
First Span IGA (ITS to 1 st Support Plate)	167	167**	0
Total for Inspection Results Categorization	14,748	49	14
Inspection Results Category		C-2	

* Consistent with ITS 5.6.2.10.2.d, this total was not included for overall categorization of the OTSG for SLA.

** Consistent with ITS 5.6.2.10.2.e, this total was not included for overall categorization of the OTSG

Note: Tube 52-113 has an indication in the SLA and the freespan.

2. *Location and percent of wall-thickness penetration for each indication of an imperfection*

The through-wall sizing techniques are qualified to assign a percent TWD to tube support plate wear indications and OTSG-B first span IGA indications. A complete list of inspection results for in-service tubes with indications 1% to 39% through-wall in OTSG-A and OTSG-B is provided in Appendix 1 of this Attachment. For indications with a bobbin percent through-wall and rotating coil percent through-wall, the more conservative dimension was used for evaluations. A complete listing of tubes with first span IGA indications in OTSG-B is provided in Appendix 2.

3. *Location, bobbin coil amplitude, and axial and circumferential extent (if determined) for each first span IGA indication*

First span IGA is a degradation mechanism specific to OTSG-B, as identified in ITS 5.6.2.10.e. Following the 2003 (13R) inspection, 167 tubes with first span IGA were returned to service. As a result of the 2005 (14R) inspection, two (2) tubes from this population were plugged; 4-40 and 40-45. Neither tube exceeded the Alternate Repair Criteria (ARC), but both were conservatively plugged based on flaw growth. In addition, tube 92-26 was plugged for a rejectable indication in the upper tube end not associated with IGA. Therefore, a total of 164 tubes in OTSG-B were returned to service with first span IGA. Appendix 2 contains the list of tubes in OTSG-B with first span IGA. Appendix 2 is based on the 13R (2003) and 14R (2005) inspections.

CR-3 is also providing additional information regarding the axial distribution, percent through-wall (TW) distribution, and percent TW growth distribution of first span IGA in OTSG-B in Appendix 6. Appendix 6 data is based on the oldest indications (typically 1997) as a baseline and the most recent (2005).

4. *Identification of tubes plugged or repaired and specification of the repair methodology implemented for each tube*

Tubes identified with unacceptable indications were plugged with Inconel Alloy 690 plugs roll expanded into both ends of the tube. A complete list of plugged tubes in OTSG-A and OTSG-B is provided in Appendix 3.

Tubes with unacceptable indications in the UTS and LTS were repaired using a repair roll (re-roll) where applicable, as described in ITS 5.6.2.10.11.b. A complete list of in-service tubes repaired by the re-roll method in OTSG-A and OTSG-B is provided in Appendix 4.

No tubes were sleeved during the 2005 OTSG inspection.

Tubes with axially oriented tube end cracks (TEC) within the Inconel clad region of the primary face of the UTS and LTS were left in-service using the method described in Topical Report BAW-2346P, Revision 0, as approved in License Amendment No. 188 issued October 1, 1999 and License Amendment No. 222 issued October 31, 2005. The through-wall extent is conservatively assumed to be 100%. Therefore, a leakage value has been assigned to each TEC to calculate the potential primary-to-secondary leakage in the event of a design basis accident. Other indications of wall loss or cracking are plugged or repaired on detection and are not assigned a percent wall penetration. A complete list of the tubes remaining in service with TEC is provided in Appendix 5.

5. *Number of as-found and as-left tubes with TEC indications, number of as-found and as-left TEC indications, the number of as-found and as-left TEC indications as a function of tubesheet radius, the as-found, as-left, probability of detection and new TEC leakage for upper and lower tubesheet indications. An assessment of the adequacy of the predictive methodology*

in Addendum C to Topical Report BAW-2346P, Revision 0, including assessing the distribution of indications found in each OTSG to ensure the assumption regarding the similarity of the distribution of indications remain consistent from one cycle to the next and that the assumption of a linear increase in leak rate remain valid. Corrective actions in the event that the assessment indicates the assumptions can not be fully supported.

- a. *Number of as-found and as-left tubes with TEC indications, number of as-found and as-left TEC indications.*

Table 3
Summary of TEC ARC Tubes/Indications for OTSG-A

14R Outage	As-Found		As-Left	
	Number of Tubes Found	Number of Indications Found	Number of Tubes Left in Service	Number of Indications Left in Service
Upper Tube End	1308	1732	1282	1698
Lower Tube End	5	8	5	8
Totals	1313	1740	1287	1706

Table 4
Summary of TEC ARC Tubes/Indications for OTSG-B

14R Outage	As-Found		As-Left	
	Number of Tubes Found	Number of Indications Found	Number of Tubes Left in Service	Number of Indications Left in Service
Upper Tube End	825	1097	806	1066
Lower Tube End	150	163	148	161
Totals	*975/923	1260	*954/903	1227

*There were 52 as-found and 51 as-left tubes that were duplicates between the upper and lower TEC tubes for 14R, resulting in 923 distinct tubes found and 903 distinct tubes left in service.

- b. *The number of as-found and as-left TEC indications as a function of tubesheet radius.*

The number of as-found and as-left TEC indications is plotted in Figures 1 through 4. The applicable indications are grouped into radial zones that represent the same zones used for the upper tubesheet region from the original TEC ARC in License Amendment Number 188 and Addendum A. These zones are no longer used to group indications for leakage determination because CR-3 is currently implementing License Amendment Number No. 222. The current method allows the use of a probabilistic methodology and a separate radius for each tube/indication. However, the indications are presented this way because the zones represent areas of similar TEC leakage rates and can also be used for trending. The zones and associated radius used for each graph are identified below:

Table 5
Zone Definition for CR-3 TEC Indications

Zone Designation	Radius (inch)
Zone 1	$>3, \leq 39$
Zone 2	$>39, \leq 49$
Zone 3	$>49, \leq 53$
Zone 4	$>53, \leq 55$
Zone 5	$>55, \leq 56$
Zone 6	>56

Figure 1
Zone Distribution for SG-A Upper TEC Indications
(Zones not used for leakage calculations)

A-OTSG Upper TEC Indications RFO-14 2005

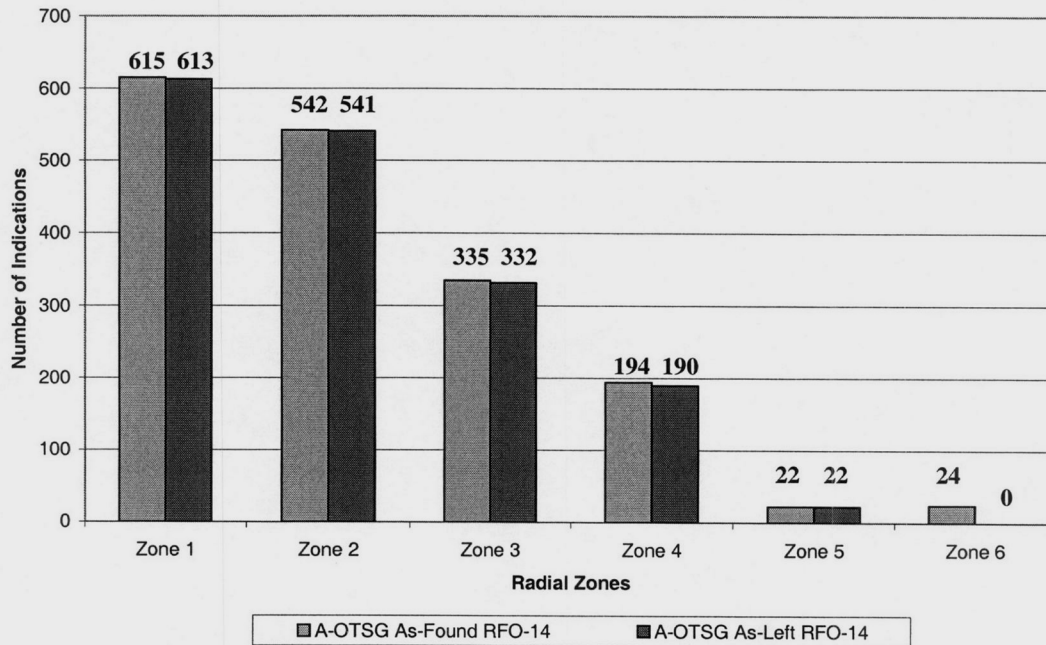


Figure 2
Zone Distribution for SG-A Lower TEC Indications
(Zones not used for leakage calculations)

A-OTSG Lower TEC Indications RFO-14 2005

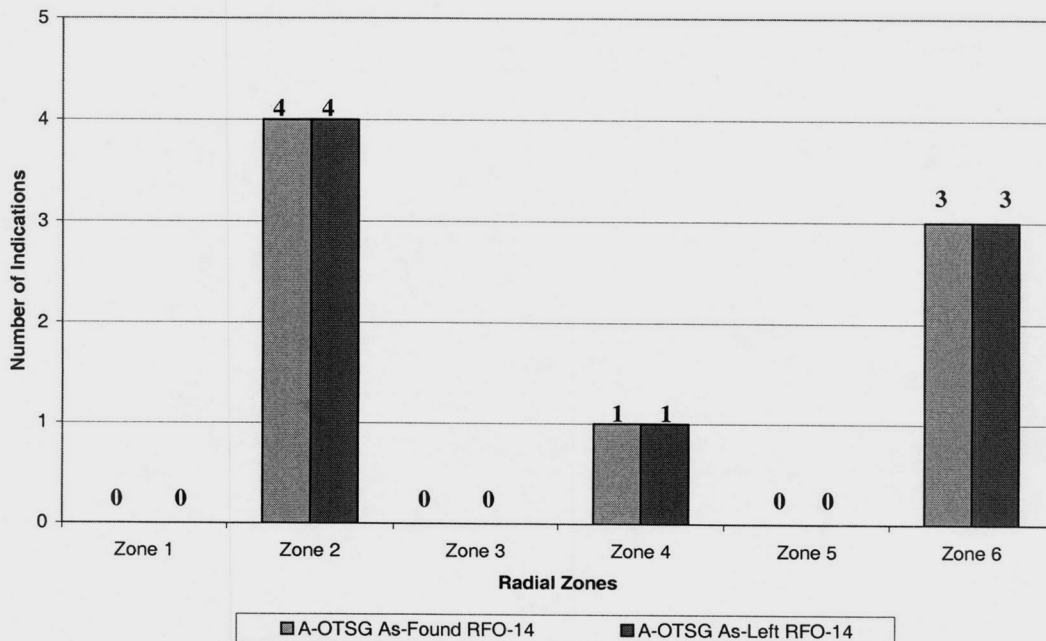


Figure 3
Zone Distribution for SG-B Upper TEC Indications
(Zones not used for leakage calculations)

B-OTSG Upper TEC Indications RFO-14 2005

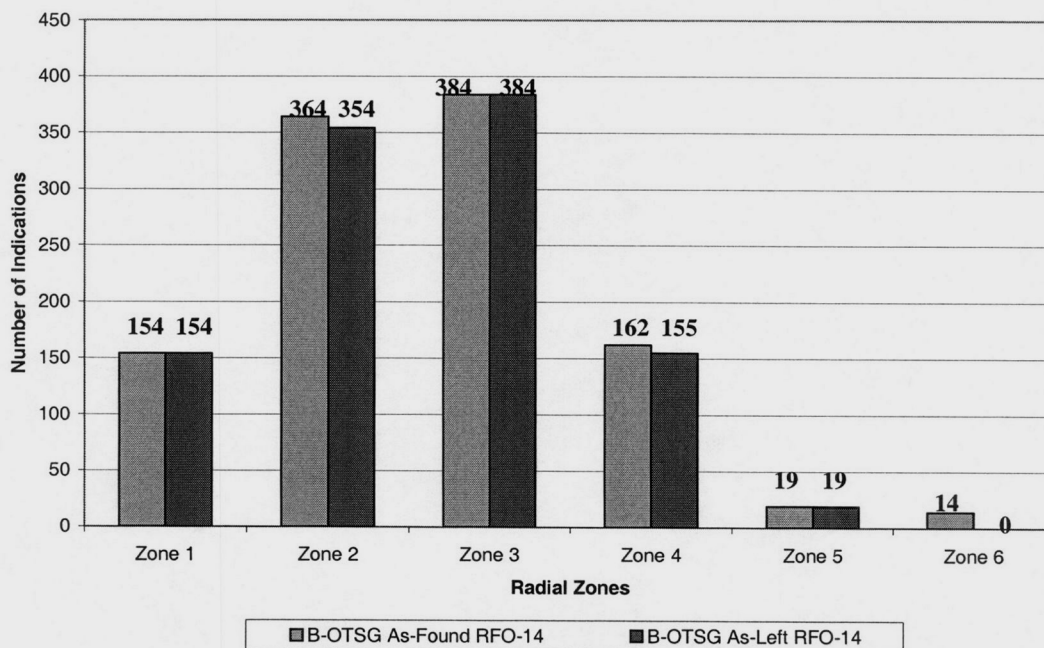
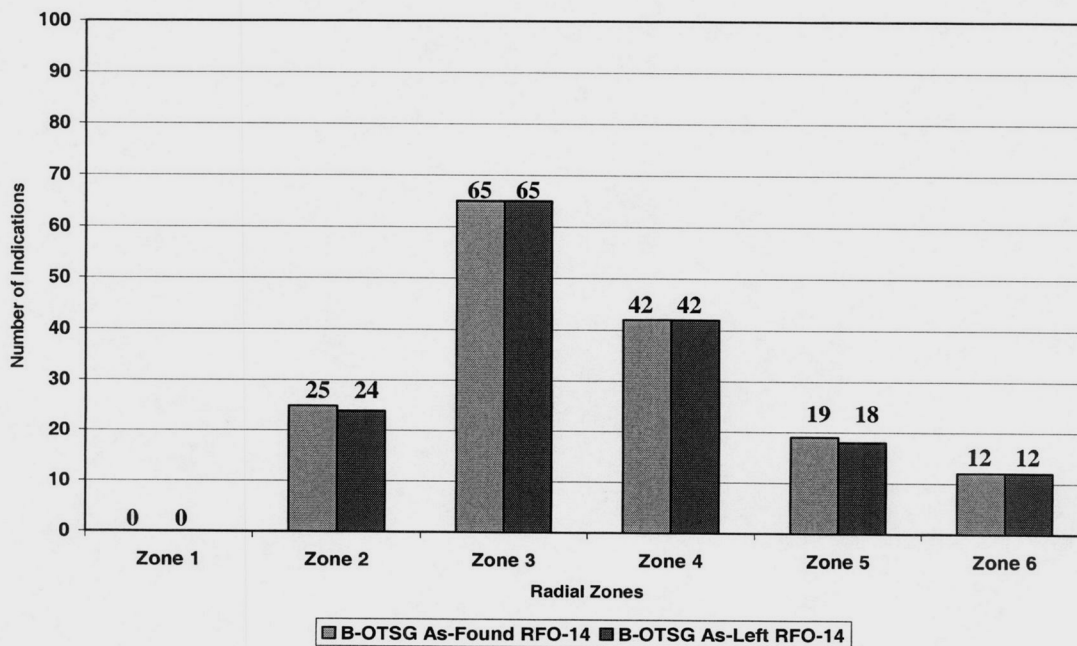


Figure 4
Zone Distribution for SG-B Lower TEC Indications
(Zones not used for leakage calculations)

B-OTSG Lower TEC Indications RFO-14 2005



- c. *The as-found, as-left, probability of detection and new TEC leakage for upper and lower tubesheet indications.*

Table 6
Summary of TEC ARC Leakage for SG-A

14R Outage	As-Found Leakage (gpm)	As-Left Leakage (gpm)	POD Leakage (gpm)	New Leakage (gpm)	Trend Leakage (gpm)
Upper Tube End	0.223	0.188	0.042	0.095	0.011
Lower Tube End	0.010	0.010	0.002	0.003	0.000
Totals	0.233	0.198	0.044	0.098	0.011
Projected for 15R		0.351 gpm			

Table 7
Summary of TEC ARC Leakage for SG-B

14R Outage	As-Found Leakage (gpm)	As-Left Leakage (gpm)	POD Leakage (gpm)	New Leakage (gpm)	Trend Leakage (gpm)
Upper Tube End	0.168	0.145	0.032	0.045	0.000
Lower Tube End	0.051	0.051	0.010	0.013	0.000
Totals	0.219	0.196	0.042	0.058	0.000
Projected for 15R		0.296 gpm			

- d. *An assessment of the adequacy of the predictive methodology in Addendum C to Topical Report BAW-2346P, Revision 0, including assessing the distribution of indications found in each OTSG to ensure the assumption regarding the similarity of the distribution of indications remain consistent from one cycle to the next and that the assumption of a linear increase in leak rate remain valid. Corrective actions in the event that the assessment indicates the assumptions can not be fully supported.*

The predictive methodology from Addendum C to BAW-2346P, Revision 0, provides a way to conservatively predict the total amount of TEC assigned leakage at the end of the next operating cycle. The methodology is based on combining the leakage from the following sources:

1. Leakage from detected indications that are left in service (As-left TEC leakage)
2. Leakage from indications that may not have been detected (POD leakage)
3. Leakage increase as a result of the difference between the as-left leakage from the previous outage and the as-found leakage in the current outage (New leakage)

4. Any leakage increase as a result of an increase in the rate of new leakage (Additional leakage)

The inputs to the projected TEC leakage are based on the assumption that the TEC leakage rates will remain relatively linear. This is based on data from previous outages and a limited number of equivalent data points. When the latest TEC leakage information from 14R (2005) is added to the existing information, similar leakage rates are observed. There was no unexpected increase in the number of "new" TEC indications. For example, from 13R (2003) to 14R (2005) the new TEC leakage for the "A" OTSG increased from 0.091 gpm in 2003 to 0.098 gpm in 2005. For the same time period, the new TEC leakage for the "B" OTSG decreased from 0.173 gpm to 0.058 gpm. Since the projected leakage for 15R is larger than the 14R as-found, the linear projection method is still considered to be adequate.

The radial distribution of the as-found number of indications for the 13R (2003) and 14R (2005) eddy current inspections are shown in the following figures. There are graphs for upper and lower tube end indication in both steam generators. The graphs are again shown using the same upper radial zones as in the original TEC license amendment. The graphs show a similar trend in the radial location of the as-found TEC indications. The "A" OTSG upper tubesheet has a higher number of indications located towards the center of the tubesheet that generally decreases as the zones (radius) increases. The 14R number of indications is greater than the 13R indications for zones 1 through 4 because most of those indications remain in service due to their lower postulated leakage value. In 14R, zones 5 and 6 are less than 13R because the TEC's in these areas are normally repaired (re-rolled) first to reduce the overall postulated TEC leakage. The "A" OTSG lower tubesheet has only a small number of indications and shows little change. The trend in the number of TEC indications in "B" OTSG is similar from 13R to 14R for both upper and lower indications, although the indications are more concentrated in zones 2 and 3 (upper), and zones 3 and 4 (lower). There are very minor differences in the radial distribution of TEC indications from the previous outage to the current outage, but the overall impact of these differences is not significant. Therefore, the assumptions used for predicting future TEC leakage based on previous cycle experience and the predictive methodology from Licensing Amendment No. 222 are still considered valid. There were no new corrective actions taken as a result of the as-found TEC indications in 14R (2005).

As an additional check, the TEC leakage methodology from License Amendment No. 222 was used with the actual TEC leakage data from the 13R (2003) outage to predict the as-found TEC leakage in the 14R (2005) outage. In other words, if the amendment methodology had been implemented in the 13R outage, how would the predicted leakage compare to the actual 14R TEC leakage. This involved calculating TEC leakage with the probabilistic methodology for 13R as-left TEC leakage, 13R POD leakage, 13R New TEC leakage and Trend leakage. Because of having only one cycle of "New" TEC data before 13R (2003), the historical trend data only used one previous cycle worth of data and not two as would be considered in the current amendment. However, having additional trend data could only make the predicted trend leakage higher and so for these purposes, the trend leakage is adequate. For both OTSG's, the results show that the predictive method over-predicted the actual as-found TEC leakage in 14R. The results further confirm the acceptability of the currently licensed method.

The newly implemented License Amendment Number No. 222 allows the use of reduced TEC leakage rates and this resulted in total TEC leakage less than half of the previous NRC approved leak rates. The new TEC leak rates and predictive methodology would have allowed CR-3 to not perform any repairs (re-roll or plug) to meet the overall OTSG leak limits. However, as a conservative action in 14R, all tubes found with TEC indications located in the upper tubesheet radial zone 6 (largest leakage zone) were repaired to have zero as-left TEC leakage in that zone.

Figure 5

"A" OTSG As-Found Upper TECs - 13R & 14R

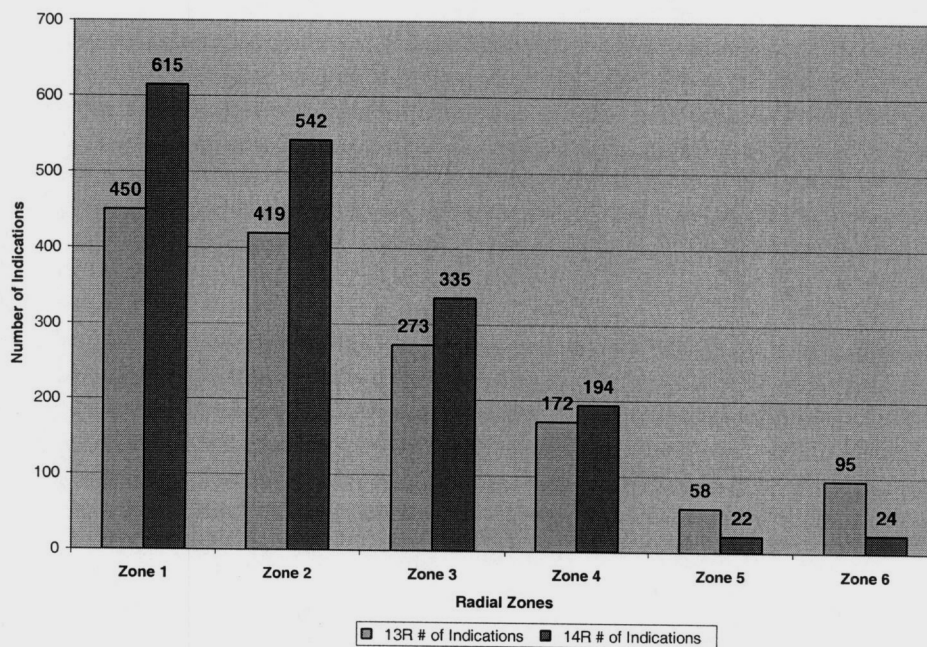


Figure 6

"A" OTSG As-Found Lower TECs - 13R & 14R

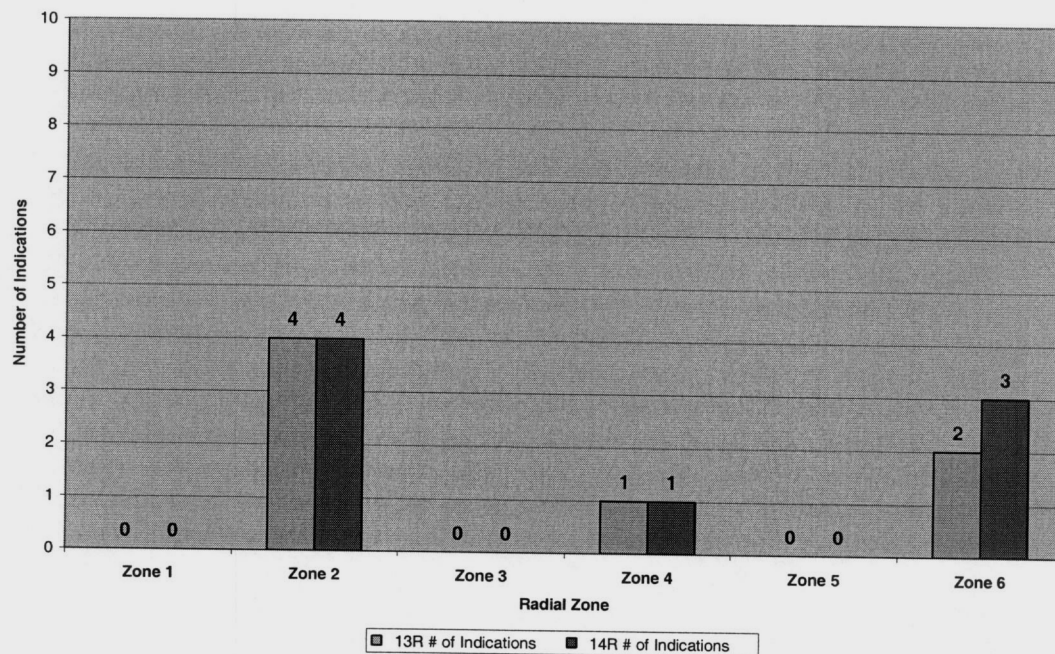


Figure 7

"B" OTSG As-Found Upper TECs - 13R & 14R

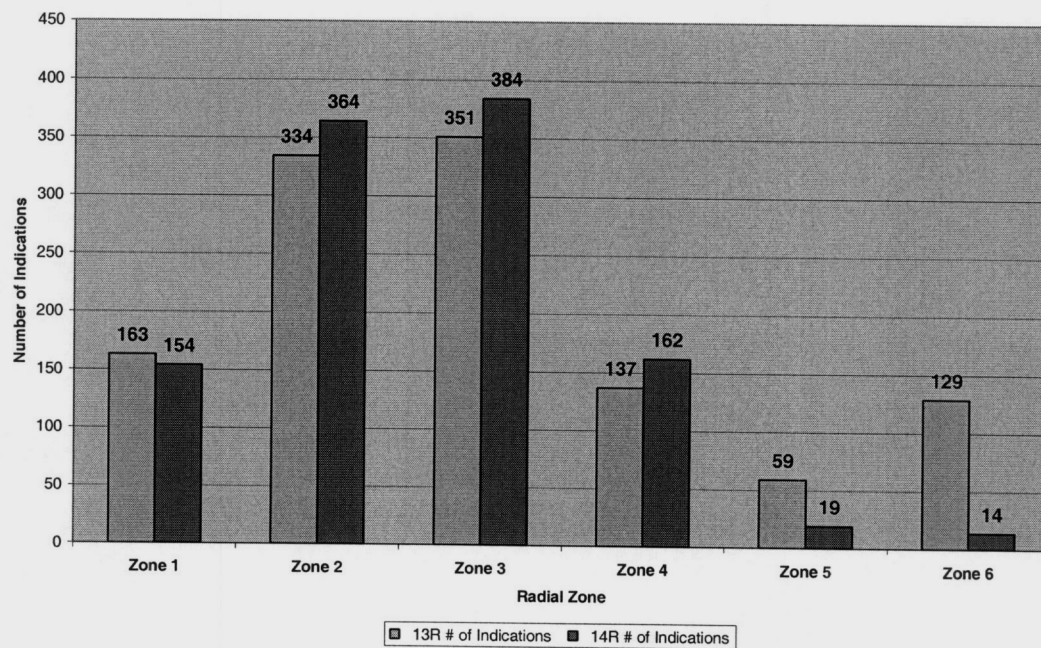
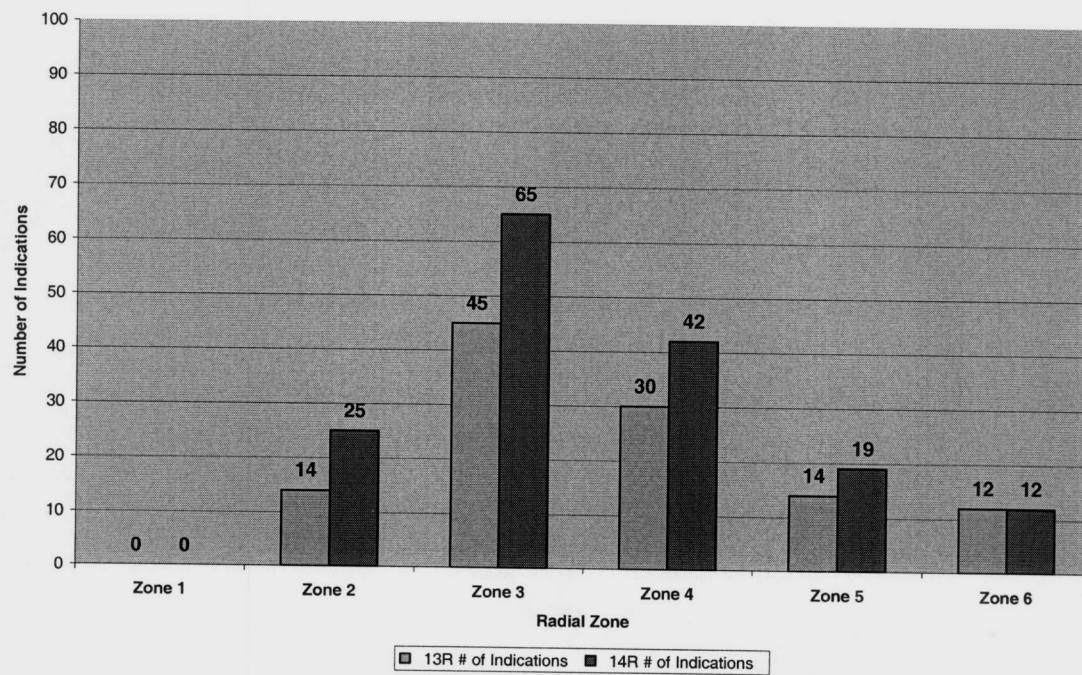


Figure 8

"B" OTSG As-Found Lower TECs - 13R & 14R



Bubble Test

The primary-to-secondary leakage for this operating cycle averaged approximately 2.5 gallons-per-day (gpd) prior to shutdown for 14R. In an effort to identify sources of primary-to-secondary leakage, CR-3 performed a secondary-to-primary leakage test of the OTSGs. The leakage test was to identify potential primary-to-secondary leak paths in the UTS region in both OTSGs. The secondary side of the OTSG was filled to the 15th support plate with water and then pressurized with nitrogen between the 15th support plate and the UTE. The water level on the primary face of the upper tubesheet was raised to approximately one inch of water to provide a medium to support bubbles for identifying tube leakage.

Three (3) leak sites were identified in OTSG-A and thirty-four (34) leak sites were identified in OTSG-B. The leaking sites (bubbles) were all associated with the upper tube joint and tube end. The higher number of leaking tube ends in OTSG-B was expected based on the tube end damage caused by loose parts in the 1978 timeframe. All tubes identified with leakage during the bubble test were repaired by re-rolling or plugging. Several leak indications may be attributed to TEC. Tubes identified as leak sites without a corresponding ECT indication were conservatively removed from service. Primary- to-secondary leakage after 14R has been reduced to approximately 1.5 gpd.

One leaking Alloy 600 welded plug (B75-12) was removed and replaced with an Alloy 690 rolled plug.

Dent Inspection

The dent inspection scope originally included 34% of the dents from the (LTS+ 4" to UTS) plus 100% of the dents next to explosive plugs, plus 34% of the LTS crevice/kidney region. Since two dents were detected with flaw like indications (SG-A tube 35-89 and SG-B tube 73-55), a full 100% MRPC expansion to include all dents was performed. No additional flaws were identified in dents.

Bobbin Coil Technique Qualification

The bobbin coil technique qualification for the detection of intergranular attack (IGA) or outside-diameter stress corrosion cracking (ODSCC) was revoked for use at CR-3 for inspection of the tubes within the upper and lower tubesheet areas. The rotating coils (RC) technique identified axial indications, indicative of axial groove IGA, that were not detected by bobbin technique performed during this refueling outage. The indications were beyond the transition region in the unexpanded area of the tube (within the tubesheet). The degradation detected by the RC technique is perceived to be IGA; however, the exact degradation mechanism is not known. The indications were evaluated for structural and leakage integrity and determined to be acceptable.

The bobbin coil technique had been used as a method to detect IGA and ODSCC within the tubesheet region, outside of the roll-transition region. The failure of the bobbin technique to detect these indications means that this technique is not reliable to detect groove IGA within the tubesheet. As the bobbin technique was determined to not be reliable for this exam type during this steam generator inspection, the tubesheets (upper and lower) were examined full thickness with the RC technique to ensure tube integrity.

Rolled Alloy 600 Plugs

The examination of the rolled Inconel Alloy 600 plugs revealed four plugs with unacceptable axial indications. All indications were on the non-pressure boundary side of the roll joint and axial in nature. The plugs were removed and replaced with rolled Inconel Alloy 690 plugs except for one plug that was replaced with a Remote Welded Inconel Alloy 690 plug. This is because the original roll plug head broke off during the removal process, and only a weld plug could be used in that location.

Tube Reroll Installed in 1999 Identified in 2005

During the 14R tube inspection, an existing tube re-roll was identified in tube 71-109 in B-OTSG during the eddy current of the upper tube sheet that was not identified in the CR-3 repair database for tracking. 14R (2005) was the first time the motorized rotating pancake coil (MRPC) was used to examine the entire length of the upper and lower tubesheets in both OTSGs and was the reason that the re-roll was discovered. No additional unidentified repairs were found in either OTSG. Investigation determined that the re-roll was installed in 1999. Since the repair was not identified in the repair database, the re-roll was not inspected in subsequent outages as required.

During 11R and 12R, the eddy current tube repair lists were manually entered in the database. When a repair is performed, the location of tube repairs are verified by the repair task lead and by the vendors' quality control. CR-3 engineers review the repair list to ensure the tubes with defects that require repair are in fact repaired. The tube did not have a flaw in 1999, 2001, or 2003 which required the tube to be repaired; the tube was inadvertently re-rolled. The tube remained in service after the 14R outage.

In 1999, the vendor inadvertently re-rolled several tubes due to a robot calibration error. This tube may have been among the other tubes with inadvertent re-rolls. Typically, all repairs are entered in the repair database regardless of the reason for the repair. The other inadvertent re-rolls were added to the repair database. This tube re-roll should have also been added to the database. In 13R and 14R, the vendor used an electronic repair list which enabled the repair robot to travel only to those tubes on the repair list. The electronic list of repairs is automatically loaded into the repair database.

This error was entered into the CR-3 corrective action program.

In-Situ Pressure Test

During 14R, tubes with rejectable indications were evaluated for in-situ pressure and leak testing in accordance with EPRI Report TR-1007904-R2, "Steam Generator In-Situ Pressure Test Guidelines," Revision 2. These guidelines utilize sequential screening criteria, i.e., indications that exceed the threshold value for the first screening parameters, are evaluated against the threshold value for the second screening parameter. The screening thresholds (length, depth, and voltage) are reduced to account for uncertainties in the material properties, burst pressure regression parameters, burst pressures relative to the regression, and NDE sizing.

Indications in two tubes did not pass the analytical in-situ screening criteria for the tube; therefore, CR-3 performed in-situ pressure testing of one tube in OTSG-A and one tube in OTSG-B. The tube in OTSG-A was selected because of an axial indication in the freespan approximately 3.33 inches below the 15th tube support plate. The tube in OTSG-B was selected due to two circumferential indications approximately 0.25" above the secondary face of the UTS. The indications represented the largest radial indication and largest response voltage.

The test pressure and loading were based on accident induced differential pressure as required. No leakage from the tubes occurred. The indications were re-tested with ECT following the pressure test. After the pressure test, Tube A3-30 did show a change in voltage response and length, but still maintained its structural and leakage integrity. Tube B73-55 showed no appreciable change in size or voltage. Both tubes were plugged after testing.

Best-Estimate Leakage Following a Large Break Loss-of-Coolant Accident (LBLOCA)

Demonstrate that the primary-to-secondary leakage following a LBLOCA, as described in Appendix A to Topical Report BAW-2374, Revision 1 is acceptable based on the as-found condition of the steam generators.

Following the 14R inspection of the Upper and Lower Tubesheet roll region, the best-estimate leakage following a LBLOCA that could occur from as-found circumferential cracking near the tubesheet rolls has been determined to be 5.5 gpm in OTSG-A and 3.3 gpm in OTSG-B. This estimated leakage has been evaluated and would not exceed the offsite dose limits of 10 CFR 100 and 10 CFR 50.67 when compared to existing assumptions in the FSAR Chapter 14 Safety Analysis. This is based on a review of the Steam Generator Tube Rupture (SGTR) accident assumptions from Chapter. The LBLOCA best estimate leakage is less than the FSAR assumptions for SGTR which assumed a flow rate to the secondary side of the affected steam generator to be 435 gpm. The conservative SGTR accident leak rate and assumptions for degraded fuel cladding only result in a 2 hour integrated accident dose at the exclusion boundary of 0.139 Rem compared to a limit of 2.5 Rem. Therefore, the estimated LBLOCA leakage is bounded by the FSAR evaluation.

Condition Monitoring Assessment

The results of the ECT inspection during the 14R OTSG inspection were evaluated in a Condition Monitoring (CM) Assessment. The CM Assessment relative to leakage integrity met the performance criteria. The CM evaluation also concluded that structural requirements for all identified degradation mechanisms were met for the limiting accidents.

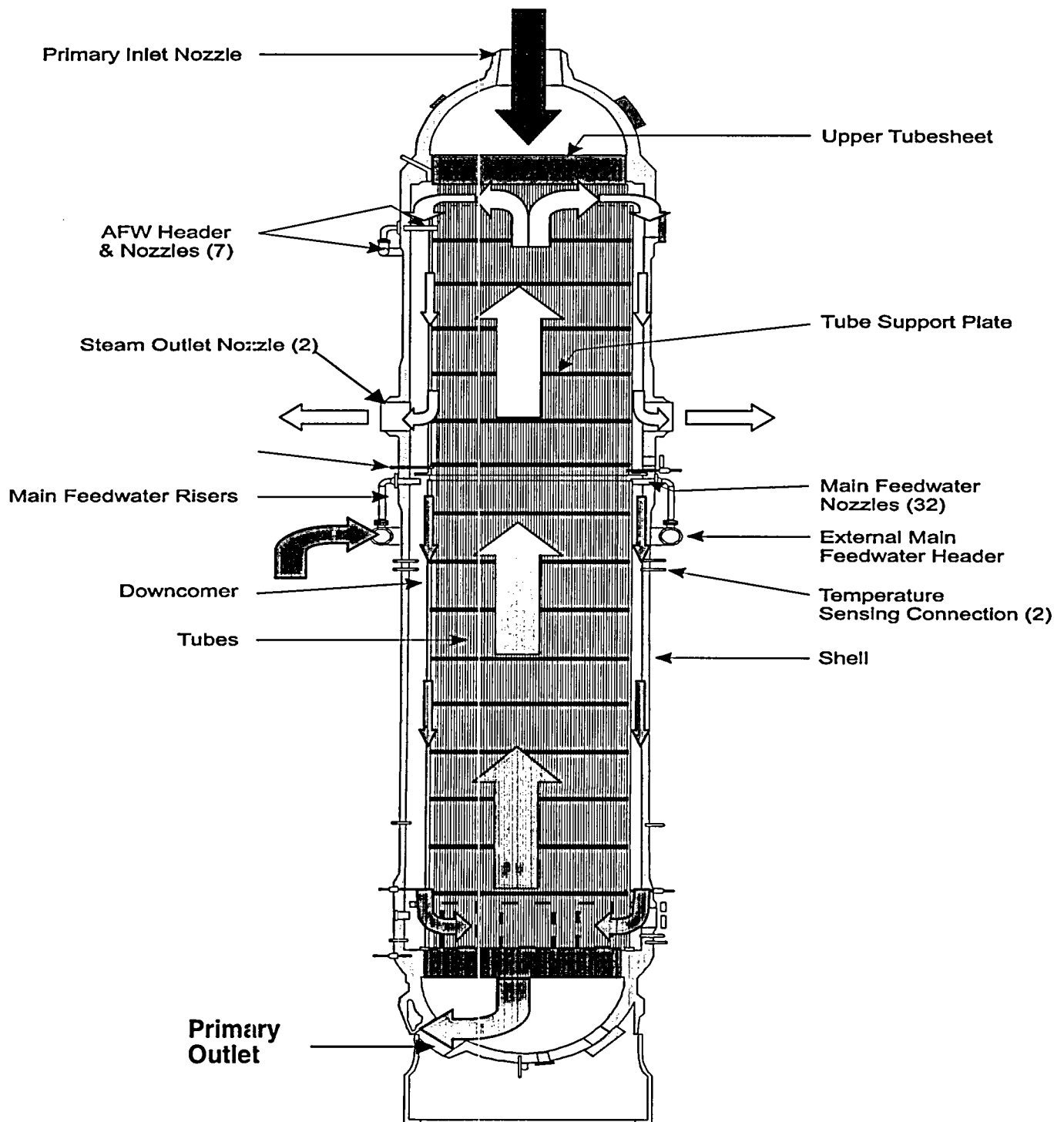
Conclusion

The Operational Assessment (OA) evaluated the degradation mechanisms of the CR-3 OTSG tubes. The evaluation concluded that the tubes would maintain structural and leakage integrity with reasonable assurance throughout the current operating cycle. This is based on the inspection results and worst-case Monte Carlo type simulations. Additionally, this was the fifth consecutive 100% bobbin coil and UTS MRPC inspection of the in-service tubes and the second MRPC inspection of the LTS.

The bobbin coil inspection resulted in Category C-2 as described in ITS 5.6.2.10. The overall classification for the inspection performed was C-2 for both steam generators. The classification of the SLAs inspection in both steam generators was C-3. The SLA calculation was not included in the overall categorization of the OTSGs, as previously discussed.

Therefore, based on inspection results and the OA of the structural and leakage integrity of in-service OTSG tubing, the inspection interval between 14R and 15R will be 24 effective full power months.

Figure 10
ONCE-THROUGH STEAM GENERATOR



PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

APPENDIX 1 TO SPECIAL REPORT 06-01

**TUBES LEFT IN-SERVICE WITH
THROUGH-WALL INDICATIONS
1%-39%**

Appendix Location Acronyms

LTS Lower Tubesheet
TSP Tube Support Plate

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
1	2	0.47	0	N/A	14	07S +0.74	RPC	1
		0.18	0	N/A	6	07S -0.73	RPC	1
		0.22	106	5	N/A	07S +0.79	BOBBIN	1
		0.31	43	7	N/A	07S -0.81	BOBBIN	1
1	11	0.42	77	7	N/A	12S +0.68	BOBBIN	2
1	13	0.26	75	4	N/A	11S +0.81	BOBBIN	3
2	8	0.71	81	16	N/A	12S +0.71	BOBBIN	4
2	9	0.32	90	6	N/A	12S +0.74	BOBBIN	5
4	28	0.31	91	5	N/A	08S +0.72	BOBBIN	6
		0.31	95	5	N/A	12S +0.66	BOBBIN	6
5	27	0.44	130	12	N/A	08S -0.70	BOBBIN	7
		0.32	0	N/A	11	08S -0.66	RPC	7
5	34	0.46	94	8	N/A	12S +0.68	BOBBIN	8
5	36	0.52	44	9	N/A	12S +0.70	BOBBIN	9
5	38	0.29	39	5	N/A	08S +0.72	BOBBIN	10
		0.24	0	N/A	8	08S +0.66	RPC	10
5	41	0.4	95	7	N/A	12S +0.67	BOBBIN	11
6	7	0.22	56	4	N/A	12S +0.78	BOBBIN	12
6	10	0.7	89	15	N/A	12S +0.72	BOBBIN	13
6	20	0.29	95	7	N/A	07S +0.70	BOBBIN	14
6	25	0.59	125	15	N/A	09S +0.69	BOBBIN	15
6	26	0.27	106	5	N/A	08S +0.75	BOBBIN	16
		0.56	79	9	N/A	09S +0.75	BOBBIN	16
6	39	0.23	67	4	N/A	08S +0.72	BOBBIN	17
6	44	0.41	0	N/A	13	08S +0.68	RPC	18
		0.27	99	8	N/A	08S +0.70	BOBBIN	18
6	51	0.33	121	9	N/A	13S +0.69	BOBBIN	19
7	21	0.58	77	8	N/A	11S +0.70	BOBBIN	20
7	24	0.72	47	12	N/A	07S -0.83	BOBBIN	21
7	25	0.56	64	15	N/A	09S +0.73	BOBBIN	22
		0.65	0	N/A	19	09S +0.70	RPC	22
7	26	0.46	29	8	N/A	04S -0.72	BOBBIN	23
		0.53	68	9	N/A	04S +0.66	BOBBIN	23
		0.85	85	14	N/A	08S -0.69	BOBBIN	23
		0.89	68	15	N/A	08S +0.71	BOBBIN	23
		1.09	51	18	N/A	09S +0.69	BOBBIN	23
7	27	0.34	99	6	N/A	07S -0.73	BOBBIN	24
		0.31	73	5	N/A	08S -0.64	BOBBIN	24
		0.85	79	14	N/A	08S +0.67	BOBBIN	24
		0.58	81	10	N/A	09S -0.73	BOBBIN	24
		0.27	63	5	N/A	09S +0.75	BOBBIN	24
		0.69	0	N/A	28	08S +0.70	RPC	24
		0.4	0	N/A	19	08S -0.65	RPC	24
		0.57	0	N/A	18	09S -0.70	RPC	24
		0.34	0	N/A	11	09S +0.62	RPC	24

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
7	29	0.32	0	N/A	11	09S +0.70	RPC	25
		0.33	118	10	N/A	09S +0.70	BOBBIN	25
7	44	0.25	91	4	N/A	04S +0.70	BOBBIN	26
7	52	0.46	44	7	N/A	10S +0.75	BOBBIN	27
8	7	0.27	0	N/A	9	12S +0.74	RPC	28
		0.3	85	7	N/A	12S +0.69	BOBBIN	28
8	21	0.5	77	11	N/A	07S +0.74	BOBBIN	29
8	22	0.33	86	6	N/A	07S +0.67	BOBBIN	30
8	23	0.52	98	11	N/A	12S +0.74	BOBBIN	31
8	25	0.33	72	8	N/A	09S +0.68	BOBBIN	32
8	27	0.66	77	17	N/A	07S -0.64	BOBBIN	33
8	29	0.57	87	15	N/A	07S -0.64	BOBBIN	34
8	30	0.32	70	5	N/A	06S +0.44	BOBBIN	35
		0.49	79	8	N/A	07S -0.68	BOBBIN	35
		0.46	73	8	N/A	07S +0.73	BOBBIN	35
		0.54	63	9	N/A	08S +0.71	BOBBIN	35
		0.26	138	4	N/A	08S -0.60	BOBBIN	35
8	41	0.51	34	14	N/A	07S +0.74	BOBBIN	36
8	45	0.26	0	N/A	9	07S +0.73	RPC	37
		0.4	114	11	N/A	07S +0.76	BOBBIN	37
8	46	0.31	98	5	N/A	07S +0.72	BOBBIN	38
8	47	0.3	0	N/A	10	07S +0.71	RPC	39
		0.41	123	12	N/A	07S +0.74	BOBBIN	39
8	50	0.31	0	N/A	10	07S +0.74	RPC	40
		0.23	87	4	N/A	07S +0.71	BOBBIN	40
8	51	0.24	59	4	N/A	08S +0.75	BOBBIN	41
		0.34	117	5	N/A	12S +0.73	BOBBIN	41
9	24	0.35	58	6	N/A	07S +0.70	BOBBIN	42
9	28	0.43	37	7	N/A	12S +0.76	BOBBIN	43
9	34	0.24	0	N/A	9	12S +0.74	RPC	44
		0.23	81	4	N/A	12S +0.71	BOBBIN	44
9	42	0.27	73	5	N/A	08S +0.74	BOBBIN	45
9	53	0.24	100	4	N/A	07S +0.72	BOBBIN	46
9	55	0.36	126	9	N/A	03S +0.73	BOBBIN	47
9	61	0.28	60	8	N/A	12S +0.67	BOBBIN	48
10	6	0.54	96	12	N/A	12S +0.70	BOBBIN	49
		0.4	75	6	N/A	12S +0.70	BOBBIN	49
10	7	0.2	139	3	N/A	07S -0.78	BOBBIN	50
10	8	0.45	120	10	N/A	07S -0.72	BOBBIN	51
10	38	0.4	0	N/A	14	12S +0.74	RPC	52
		0.36	64	6	N/A	12S +0.71	BOBBIN	52
10	51	0.31	115	9	N/A	07S +0.76	BOBBIN	53
10	57	0.35	100	6	N/A	07S +0.73	BOBBIN	54
10	58	0.25	65	7	N/A	07S +0.69	BOBBIN	55
11	1	0.53	91	12	N/A	12S +0.67	BOBBIN	56

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
11	2	0.28	0	N/A	9	12S +0.74	RPC	57
		0.29	82	5	N/A	12S +0.65	BOBBIN	57
		0.16	64	3	N/A	08S +0.70	BOBBIN	57
		0.27	68	4	N/A	07S +0.70	BOBBIN	57
11	7	0.8	72	17	N/A	12S +0.70	BOBBIN	58
11	14	0.36	138	8	N/A	08S +0.70	BOBBIN	59
11	15	0.19	65	3	N/A	07S +0.69	BOBBIN	60
		0.21	108	4	N/A	08S +0.70	BOBBIN	60
		0.16	63	3	N/A	09S +0.74	BOBBIN	60
11	24	0.24	132	6	N/A	08S +0.74	BOBBIN	61
11	58	0.37	35	9	N/A	12S +0.67	BOBBIN	62
11	60	0.3	134	8	N/A	12S +0.71	BOBBIN	63
11	61	0.23	65	N/A	6	07S +0.71	RPC	64
		0.32	42	9	N/A	07S +0.73	BOBBIN	64
11	68	0.31	103	N/A	9	12S +0.69	RPC	65
		0.17	110	N/A	5	12S +0.70	RPC	65
		0.3	101	7	N/A	12S +0.67	BOBBIN	65
12	1	0.4	106	9	N/A	09S -0.68	BOBBIN	66
12	7	0.38	70	9	N/A	07S -0.77	BOBBIN	67
12	9	0.37	85	9	N/A	12S +0.65	BOBBIN	68
12	10	0.21	62	3	N/A	07S -0.78	BOBBIN	69
12	11	0.34	0	N/A	11	07S -0.70	RPC	70
		0.44	148	10	N/A	07S -0.70	BOBBIN	70
12	14	0.13	47	2	N/A	07S +0.67	BOBBIN	71
12	17	0.5	0	N/A	15	07S -0.72	RPC	72
		0.26	99	6	N/A	07S -0.72	BOBBIN	72
12	18	0.33	95	5	N/A	07S -0.70	BOBBIN	73
		0.31	155	5	N/A	07S +0.65	BOBBIN	73
12	28	0.35	91	6	N/A	08S +0.78	BOBBIN	74
12	61	0.2	0	N/A	7	07S +0.72	RPC	75
		0.34	102	9	N/A	07S +0.73	BOBBIN	75
12	70	0.7	52	18	N/A	10S +0.68	BOBBIN	76
13	3	0.22	32	4	N/A	09S -0.79	BOBBIN	77
13	6	0.39	116	9	N/A	07S -0.77	BOBBIN	78
13	7	0.67	163	10	N/A	07S -0.78	BOBBIN	79
13	9	0.25	80	4	N/A	07S -0.81	BOBBIN	80
13	17	0.17	0	N/A	6	07S +0.76	RPC	81
		0.26	122	6	N/A	07S +0.79	BOBBIN	81
13	19	0.2	0	N/A	7	07S -0.68	RPC	82
		0.15	87	4	N/A	07S -0.78	BOBBIN	82
13	59	0.23	60	4	N/A	08S +0.74	BOBBIN	83
13	61	0.35	26	9	N/A	07S +0.63	BOBBIN	84
13	69	0.2	49	4	N/A	07S +0.72	BOBBIN	85
		0.22	98	4	N/A	08S +0.70	BOBBIN	85
13	71	0.36	45	7	N/A	09S -0.63	BOBBIN	86

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
14	1	0.32	72	8	N/A	11S +0.68	BOBBIN	87
14	4	0.3	130	5	N/A	08S +0.68	BOBBIN	88
		0.39	0	N/A	12	08S +0.72	RPC	88
14	8	0.26	0	N/A	8	08S -0.75	RPC	89
		0.47	119	7	N/A	07S -0.76	BOBBIN	89
		0.31	143	5	N/A	08S -0.83	BOBBIN	89
14	32	0.35	44	6	N/A	12S +0.67	BOBBIN	90
14	70	0.56	140	15	N/A	10S +0.77	BOBBIN	91
		0.22	83	7	N/A	08S +0.66	BOBBIN	91
		0.18	105	6	N/A	07S +0.62	BOBBIN	91
15	8	0.32	128	8	N/A	07S -0.77	BOBBIN	92
15	30	0.67	96	11	N/A	06S +0.65	BOBBIN	93
		0.87	0	N/A	22	06S +0.65	RPC	93
15	64	0.26	57	4	N/A	07S -0.71	BOBBIN	94
15	71	0.14	90	N/A	4	08S +0.65	RPC	95
		0.21	128	4	N/A	08S +0.68	BOBBIN	95
15	76	0.56	120	15	N/A	10S +0.72	BOBBIN	96
16	5	0.27	116	6	N/A	07S -0.75	BOBBIN	97
16	6	0.19	88	3	N/A	08S -0.76	BOBBIN	98
16	7	0.24	121	6	N/A	07S -0.66	BOBBIN	99
16	8	0.24	116	4	N/A	07S -0.76	BOBBIN	100
16	75	0.35	62	N/A	10	08S +0.76	RPC	101
		0.34	61	10	N/A	08S +0.72	BOBBIN	101
16	76	0.3	149	6	N/A	08S +0.65	BOBBIN	102
		0.27	66	5	N/A	10S +0.84	BOBBIN	102
16	77	0.39	88	11	N/A	09S -0.75	BOBBIN	103
17	7	0.25	131	4	N/A	07S -0.81	BOBBIN	104
17	8	0.42	93	10	N/A	07S -0.79	BOBBIN	105
17	9	0.23	47	4	N/A	08S -0.83	BOBBIN	106
		0.32	148	5	N/A	07S -0.81	BOBBIN	106
17	70	0.26	120	5	N/A	07S +0.70	BOBBIN	107
17	71	0.27	88	N/A	8	07S +0.70	RPC	108
		0.39	49	11	N/A	07S +0.64	BOBBIN	108
17	72	0.34	104	N/A	9	07S +0.61	RPC	109
		0.18	108	N/A	5	07S -0.76	RPC	109
		0.3	134	6	N/A	07S +0.68	BOBBIN	109
17	75	0.39	47	11	N/A	08S +0.64	BOBBIN	110
17	76	0.32	99	N/A	9	08S +0.66	RPC	111
		0.27	58	5	N/A	08S +0.69	BOBBIN	111
18	7	0.29	137	4	N/A	07S -0.72	BOBBIN	112
18	9	0.31	121	5	N/A	07S -0.78	BOBBIN	113
		0.25	132	4	N/A	08S -0.78	BOBBIN	113
18	25	0.35	69	6	N/A	09S +0.68	BOBBIN	114
18	74	0.48	89	9	N/A	06S +0.69	BOBBIN	115
19	3	0.43	69	7	N/A	12S +0.63	BOBBIN	116

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
19	7	0.29	42	4	N/A	12S +0.73	BOBBIN	117
19	8	0.16	99	4	N/A	08S -0.79	BOBBIN	118
19	30	0.14	47	2	N/A	03S +0.74	BOBBIN	119
19	33	0.37	139	9	N/A	09S +0.57	BOBBIN	120
19	68	0.25	151	4	N/A	09S +0.76	BOBBIN	121
19	71	0.3	83	6	N/A	13S +0.81	BOBBIN	122
19	75	0.29	63	5	N/A	07S +0.64	BOBBIN	123
19	76	0.44	37	12	N/A	07S +0.68	BOBBIN	124
19	84	0.11	156	3	N/A	08S -0.64	BOBBIN	125
20	65	0.41	0	N/A	14	03S +0.75	RPC	126
		0.28	67	5	N/A	03S +0.77	BOBBIN	126
20	73	0.3	101	N/A	8	08S +0.71	RPC	127
		0.41	55	8	N/A	08S +0.64	BOBBIN	127
20	77	0.53	53	14	N/A	07S +0.64	BOBBIN	128
		0.51	115	14	N/A	08S +0.64	BOBBIN	128
20	78	0.18	0	N/A	6	08S +0.60	RPC	129
		0.25	83	8	N/A	08S +0.66	BOBBIN	129
20	82	0.2	57	N/A	6	08S +0.68	RPC	130
		0.18	48	6	N/A	08S +0.77	BOBBIN	130
21	1	0.18	49	4	N/A	11S +0.66	BOBBIN	131
21	6	0.17	83	4	N/A	08S -0.77	BOBBIN	132
21	84	0.2	87	N/A	6	07S +0.62	RPC	133
		0.26	69	8	N/A	07S +0.70	BOBBIN	133
21	86	0.35	57	N/A	10	07S +0.68	RPC	134
		0.39	51	11	N/A	07S +0.68	BOBBIN	134
22	11	0.18	60	4	N/A	08S -0.86	BOBBIN	135
22	59	0.34	73	6	N/A	10S +0.67	BOBBIN	136
22	82	0.3	92	N/A	8	07S +0.61	RPC	137
		0.35	57	8	N/A	07S +0.66	BOBBIN	137
22	84	0.36	65	N/A	10	08S +0.66	RPC	138
		0.33	95	7	N/A	08S +0.62	BOBBIN	138
22	86	0.28	94	N/A	8	08S +0.65	RPC	139
		0.62	39	13	N/A	08S +0.66	BOBBIN	139
22	93	0.31	79	6	N/A	03S +0.87	BOBBIN	140
23	8	0.31	139	7	N/A	08S -0.81	BOBBIN	141
23	84	0.3	127	7	N/A	07S +0.70	BOBBIN	142
		0.36	68	N/A	10	07S +0.67	RPC	142
23	86	0.48	98	7	N/A	08S +0.71	BOBBIN	143
		0.39	104	6	N/A	07S +0.68	BOBBIN	143
24	6	0.18	61	3	N/A	08S -0.81	BOBBIN	144
24	7	0.42	66	9	N/A	12S +0.65	BOBBIN	145
		0.27	121	6	N/A	08S -0.83	BOBBIN	145
24	8	0.18	66	3	N/A	08S -0.80	BOBBIN	146
24	51	0.41	42	7	N/A	12S +0.81	BOBBIN	147
24	85	0.19	63	3	N/A	07S +0.68	BOBBIN	148

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
24	86	0.31	83	7	N/A	07S +0.68	BOBBIN	149
		0.22	112	N/A	6	07S +0.72	RPC	149
24	88	0.6	71	12	N/A	07S +0.66	BOBBIN	150
		0.34	99	7	N/A	08S -0.70	BOBBIN	150
		0.55	85	11	N/A	08S +0.56	BOBBIN	150
24	89	0.32	61	5	N/A	08S +0.77	BOBBIN	151
		0.39	51	6	N/A	07S +0.67	BOBBIN	151
24	90	0.28	69	6	N/A	07S +0.66	BOBBIN	152
		0.47	42	10	N/A	08S +0.58	BOBBIN	152
		0.15	42	N/A	4	08S +0.74	RPC	152
		0.21	102	N/A	6	08S -0.74	RPC	152
		0.15	0	N/A	5	07S -0.64	RPC	152
		0.29	0	N/A	10	07S +0.59	RPC	152
24	92	0.34	97	7	N/A	08S +0.70	BOBBIN	153
24	93	0.37	62	6	N/A	08S +0.70	BOBBIN	154
		0.3	81	N/A	8	08S +0.68	RPC	154
25	7	0.28	80	4	N/A	08S -0.81	BOBBIN	155
25	8	0.16	105	4	N/A	08S -0.85	BOBBIN	156
25	57	0.35	118	6	N/A	14S +0.88	BOBBIN	157
25	89	0.55	95	8	N/A	08S +0.63	BOBBIN	158
		0.51	112	8	N/A	07S +0.57	BOBBIN	158
25	90	0.35	107	6	N/A	08S +0.67	BOBBIN	159
		0.36	76	6	N/A	07S +0.59	BOBBIN	159
25	92	0.37	68	8	N/A	07S +0.68	BOBBIN	160
		0.34	118	7	N/A	08S +0.66	BOBBIN	160
		0.24	112	N/A	7	08S +0.65	RPC	160
		0.28	94	N/A	8	08S -0.75	RPC	160
		0.24	95	N/A	7	07S +0.72	RPC	160
25	94	0.4	137	8	N/A	08S -0.66	BOBBIN	161
25	96	0.27	87	6	N/A	10S +0.65	BOBBIN	162
		0.27	106	N/A	8	10S +0.57	RPC	162
26	90	0.54	88	8	N/A	09S +0.67	BOBBIN	163
		0.65	96	10	N/A	08S +0.55	BOBBIN	163
		0.37	91	6	N/A	07S +0.67	BOBBIN	163
26	92	0.45	109	N/A	12	08S +0.71	RPC	164
		0.42	98	7	N/A	08S +0.71	BOBBIN	164
		0.27	97	4	N/A	09S -0.79	BOBBIN	164
26	94	0.36	84	N/A	10	08S +0.64	RPC	165
		0.57	70	N/A	15	08S -0.70	RPC	165
		0.54	30	8	N/A	08S -0.74	BOBBIN	165
		0.28	105	4	N/A	08S +0.75	BOBBIN	165
26	95	0.39	94	8	N/A	08S -0.71	BOBBIN	166
26	96	0.37	48	6	N/A	08S -0.79	BOBBIN	167
26	97	0.3	30	6	N/A	08S -0.76	BOBBIN	168
27	4	0.21	81	3	N/A	08S -0.81	BOBBIN	169

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
27	89	0.79	47	15	N/A	04S -0.61	BOBBIN	170
27	93	0.23	95	N/A	6	07S +0.71	RPC	171
		0.33	122	7	N/A	07S +0.72	BOBBIN	171
		0.65	136	13	N/A	08S +0.58	BOBBIN	171
27	94	0.43	55	N/A	12	07S +0.75	RPC	172
		0.35	80	6	N/A	07S +0.69	BOBBIN	172
27	98	0.53	11	8	N/A	08S -0.77	BOBBIN	173
28	8	0.21	86	3	N/A	07S -0.76	BOBBIN	174
28	9	0.41	142	9	N/A	07S -0.76	BOBBIN	175
28	55	0.31	102	9	N/A	03S +0.74	BOBBIN	176
28	64	0.33	0	N/A	11	07S +0.75	RPC	177
		0.24	56	4	N/A	07S +0.73	BOBBIN	177
29	98	0.25	110	4	N/A	12S +0.72	BOBBIN	178
29	104	0.63	75	13	N/A	11S +0.65	BOBBIN	179
		0.45	143	10	N/A	09S -0.67	BOBBIN	179
		0.49	0	N/A	13	09S -0.69	RPC	179
30	103	0.34	94	6	N/A	08S -0.78	BOBBIN	180
31	11	0.48	112	11	N/A	09S +0.58	BOBBIN	181
31	32	1.07	94	17	N/A	10S +0.81	BOBBIN	182
		0.52	0	N/A	18	10S +0.71	RPC	182
31	49	0.22	114	5	N/A	07S +0.67	BOBBIN	183
31	104	0.28	0	N/A	7	08S -0.70	RPC	184
		0.33	69	8	N/A	08S -0.79	BOBBIN	184
32	101	0.49	59	10	N/A	04S +0.76	BOBBIN	185
33	4	0.24	120	6	N/A	08S -0.64	BOBBIN	186
33	19	0.37	85	8	N/A	02S +0.70	BOBBIN	187
33	104	0.33	41	6	N/A	08S -0.83	BOBBIN	188
34	86	0.46	108	10	N/A	15S +0.65	BOBBIN	189
34	106	0.23	122	4	N/A	09S +0.67	BOBBIN	190
35	7	0.12	49	2	N/A	05S +0.65	BOBBIN	191
35	11	0.39	80	6	N/A	12S +0.65	BOBBIN	192
35	86	0.59	43	9	N/A	03S +0.69	BOBBIN	193
35	108	0.16	0	N/A	4	08S +0.69	RPC	194
		0.27	112	6	N/A	08S +0.69	BOBBIN	194
36	9	0.44	105	7	N/A	07S +0.18	BOBBIN	195
36	73	0.39	86	6	N/A	03S +0.65	BOBBIN	196
36	113	0.48	62	11	N/A	02S -0.83	BOBBIN	197
37	6	0.33	53	5	N/A	09S +0.65	BOBBIN	198
37	59	0.3	0	N/A	10	07S +0.62	RPC	199
		0.32	50	6	N/A	07S +0.67	BOBBIN	199
37	113	0.26	0	N/A	13	11S +0.75	RPC	200
		0.92	76	15	N/A	11S +0.72	BOBBIN	200
37	114	0.26	92	6	N/A	11S +0.67	BOBBIN	201
38	3	0.25	129	6	N/A	08S -0.76	BOBBIN	202
38	5	0.29	95	5	N/A	08S -0.74	BOBBIN	203

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
38	64	0.22	120	7	N/A	03S +0.77	BOBBIN	204
		0.15	102	5	N/A	14S -0.82	BOBBIN	204
38	94	0.37	90	6	N/A	04S +0.74	BOBBIN	205
38	110	0.18	0	N/A	5	08S +0.64	RPC	206
		0.26	72	4	N/A	08S +0.67	BOBBIN	206
38	115	0.24	100	6	N/A	11S -0.69	BOBBIN	207
		0.18	0	N/A	5	11S -0.64	RPC	207
39	3	0.28	0	N/A	9	09S +0.74	RPC	208
		0.29	89	5	N/A	09S +0.61	BOBBIN	208
39	8	0.17	53	2	N/A	06S -0.79	BOBBIN	209
39	93	0.26	117	6	N/A	04S -0.74	BOBBIN	210
40	7	0.16	134	3	N/A	08S -0.70	BOBBIN	211
40	115	0.31	0	N/A	8	09S +0.65	RPC	212
		0.36	67	8	N/A	09S +0.60	BOBBIN	212
40	116	0.29	85	5	N/A	08S +0.71	BOBBIN	213
40	117	0.35	75	8	N/A	08S -0.74	BOBBIN	214
41	58	0.35	25	6	N/A	03S +0.72	BOBBIN	215
41	116	0.72	81	15	N/A	12S +0.72	BOBBIN	216
		0.71	94	15	N/A	11S -0.71	BOBBIN	216
43	2	0.28	90	5	N/A	09S +0.72	BOBBIN	217
		0.28	0	N/A	9	09S +0.71	RPC	217
43	6	0.39	110	6	N/A	09S +0.63	BOBBIN	218
		0.34	0	N/A	11	09S +0.70	RPC	218
43	8	0.31	54	5	N/A	09S +0.65	BOBBIN	219
		0.42	0	N/A	14	09S +0.63	RPC	219
43	118	0.37	92	8	N/A	12S +0.72	BOBBIN	220
44	1	0.66	75	14	N/A	08S -0.76	BOBBIN	221
		0.58	0	N/A	17	08S -0.75	RPC	221
44	8	0.41	60	6	N/A	09S +0.65	BOBBIN	222
		0.42	0	N/A	13	09S +0.66	RPC	222
45	8	0.34	55	5	N/A	09S +0.65	BOBBIN	223
		0.27	0	N/A	9	09S +0.68	RPC	223
45	65	0.32	96	8	N/A	04S +0.71	BOBBIN	224
45	115	0.58	44	13	N/A	07S +0.70	BOBBIN	225
45	116	0.18	0	N/A	4	07S +0.66	RPC	226
		0.34	62	6	N/A	07S +0.67	BOBBIN	226
46	24	0.42	83	10	N/A	03S +0.65	BOBBIN	227
		0.61	0	N/A	16	03S +0.65	RPC	227
46	112	0.56	56	9	N/A	08S +0.56	BOBBIN	228
46	114	0.44	72	7	N/A	08S +0.52	BOBBIN	229
46	117	0.14	0	N/A	3	08S +0.64	RPC	230
		0.23	91	6	N/A	08S +0.63	BOBBIN	230
47	4	0.4	65	9	N/A	11S +0.61	BOBBIN	231
48	8	0.39	69	6	N/A	09S +0.64	BOBBIN	232
		0.65	0	N/A	19	09S +0.66	RPC	232

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
49	4	0.24	63	4	N/A	09S +0.59	BOBBIN	233
		0.31	0	N/A	10	09S +0.68	RPC	233
49	8	0.32	55	5	N/A	09S +0.68	BOBBIN	234
50	4	0.24	82	4	N/A	09S +0.61	BOBBIN	235
		0.31	0	N/A	10	09S +0.69	RPC	235
50	5	0.36	75	8	N/A	09S +0.61	BOBBIN	236
50	6	0.4	44	6	N/A	09S +0.63	BOBBIN	237
		0.31	0	N/A	10	09S +0.74	RPC	237
50	117	0.29	127	7	N/A	08S +0.70	BOBBIN	238
51	6	0.33	81	5	N/A	09S +0.68	BOBBIN	239
		0.38	0	N/A	12	09S +0.75	RPC	239
52	5	0.39	88	9	N/A	09S +0.66	BOBBIN	240
52	6	0.65	102	10	N/A	09S +0.65	BOBBIN	241
52	11	0.36	88	6	N/A	03S +0.74	BOBBIN	242
52	98	0.53	40	9	N/A	11S -0.73	BOBBIN	243
53	4	0.47	151	7	N/A	09S +0.56	BOBBIN	244
		0.36	0	N/A	12	09S -0.75	RPC	244
		0.37	0	N/A	12	09S +0.67	RPC	244
53	5	0.32	93	8	N/A	09S +0.61	BOBBIN	245
53	6	0.24	118	4	N/A	07S +0.68	BOBBIN	246
		0.33	0	N/A	11	07S +0.65	RPC	246
53	106	0.32	68	6	N/A	15S -0.83	BOBBIN	247
53	119	0.39	137	10	N/A	08S +0.70	BOBBIN	248
54	4	0.43	81	7	N/A	09S +0.00	BOBBIN	249
54	122	0.48	0	N/A	12	08S +0.67	RPC	250
		0.41	115	13	N/A	08S +0.71	BOBBIN	250
54	124	0.37	60	12	N/A	08S -0.86	BOBBIN	251
54	127	0.33	52	8	N/A	08S -0.72	BOBBIN	252
		0.32	0	N/A	11	08S -0.67	RPC	252
55	1	0.24	92	6	N/A	08S +0.67	BOBBIN	253
55	2	0.21	80	3	N/A	09S -0.79	BOBBIN	254
55	96	0.73	66	14	N/A	03S +0.77	BOBBIN	255
55	115	0.31	59	10	N/A	04S +0.71	BOBBIN	256
55	119	0.35	70	11	N/A	08S +0.73	BOBBIN	257
55	121	0.24	75	8	N/A	08S -0.78	BOBBIN	258
56	4	0.26	92	4	N/A	09S +0.65	BOBBIN	259
57	1	0.18	90	4	N/A	08S -0.72	BOBBIN	260
		0.56	109	13	N/A	10S -0.72	BOBBIN	260
		0.37	115	9	N/A	10S +0.67	BOBBIN	260
		0.56	0	N/A	24	10S +0.69	RPC	260
		0.69	0	N/A	25	10S -0.54	RPC	260
57	2	0.53	132	12	N/A	08S +0.63	BOBBIN	261
57	127	0.21	0	N/A	5	08S -0.78	RPC	262
		0.86	0	N/A	29	10S +0.65	RPC	262
		0.95	99	24	N/A	10S +0.63	BOBBIN	262

Tubes In-Service with Through-Wall Indications 1% to 39%
CTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.26	97	9	N/A	08S -0.81	BOBBIN	262
58	1	0.2	92	5	N/A	09S -0.81	BOBBIN	263
58	5	0.29	100	7	N/A	09S +0.52	BOBBIN	264
58	6	0.61	60	9	N/A	09S +0.61	BOBBIN	265
		0.57	0	N/A	15	09S +0.61	RPC	265
58	127	0.35	117	11	N/A	15S +0.81	BOBBIN	266
58	128	0.42	74	13	N/A	10S +0.63	BOBBIN	267
59	2	0.51	80	8	N/A	08S +0.65	BOBBIN	268
59	5	0.13	99	3	N/A	09S +0.70	BOBBIN	269
59	120	0.22	0	N/A	6	08S +0.60	RPC	270
		0.33	43	8	N/A	08S +0.68	BOBBIN	270
59	124	0.26	72	N/A	7	08S -0.72	RPC	271
		0.3	153	10	N/A	13S -0.59	BOBBIN	271
		0.33	77	11	N/A	08S -0.75	BOBBIN	271
60	1	0.43	96	10	N/A	10S +0.67	BOBBIN	272
60	4	0.34	87	5	N/A	09S +0.61	BOBBIN	273
60	42	0.36	96	9	N/A	09S +0.74	BOBBIN	274
60	84	0.13	119	3	N/A	04S -0.33	BOBBIN	275
60	124	0.3	72	10	N/A	08S +0.60	BOBBIN	276
61	5	0.23	95	5	N/A	05S +0.67	BOBBIN	277
		0.29	112	7	N/A	07S -0.74	BOBBIN	277
61	69	0.48	59	9	N/A	11S +0.86	BOBBIN	278
61	124	0.89	0	N/A	30	10S +0.66	RPC	279
		1.02	89	25	N/A	10S +0.67	BOBBIN	279
		0.37	104	12	N/A	10S -0.65	BOBBIN	279
		0.09	71	3	N/A	11S +0.75	BOBBIN	279
		0.31	90	10	N/A	08S -0.81	BOBBIN	279
62	2	0.23	67	4	N/A	10S +0.49	BOBBIN	280
62	4	0.34	142	5	N/A	07S -0.76	BOBBIN	281
62	5	0.22	100	5	N/A	07S -0.83	BOBBIN	282
		0.35	111	8	N/A	09S +0.65	BOBBIN	282
		0.19	110	5	N/A	10S +0.72	BOBBIN	282
62	7	0.34	117	8	N/A	10S +0.74	BOBBIN	283
62	124	0.58	0	N/A	15	08S +0.69	RPC	284
		1.02	116	22	N/A	08S +0.72	BOBBIN	284
62	126	0.36	168	9	N/A	07S -0.78	BOBBIN	285
62	128	0.74	0	N/A	26	10S -0.12	RPC	286
		0.98	68	21	N/A	10S -0.11	BOBBIN	286
		0.62	154	14	N/A	08S -0.79	BOBBIN	286
63	6	0.29	58	5	N/A	09S +0.72	BOBBIN	287
		0.3	0	N/A	10	09S +0.73	RPC	287
63	121	0.39	0	N/A	10	08S +0.56	RPC	288
		0.44	73	10	N/A	08S +0.61	BOBBIN	288
63	124	0.36	106	12	N/A	07S -0.27	BOBBIN	289
		0.31	98	10	N/A	08S -0.06	BOBBIN	289

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
63	128	0.33	88	11	N/A	08S -0.75	BOBBIN	290
		0.67	88	19	N/A	10S +0.69	BOBBIN	290
64	8	0.24	63	6	N/A	10S +0.74	BOBBIN	291
64	9	0.26	105	4	N/A	08S +0.70	BOBBIN	292
64	61	0.54	53	10	N/A	08S +0.76	BOBBIN	293
64	114	0.47	116	10	N/A	04S +0.00	BOBBIN	294
65	7	0.21	138	3	N/A	09S +0.70	BOBBIN	295
		0.19	115	3	N/A	08S +0.70	BOBBIN	295
65	87	0.39	105	8	N/A	04S +0.69	BOBBIN	296
65	122	0.26	114	8	N/A	08S +0.43	BOBBIN	297
65	123	0.23	0	N/A	6	07S +0.13	RPC	298
		0.35	0	N/A	9	07S +0.69	RPC	298
		0.28	88	6	N/A	07S +0.66	BOBBIN	298
		0.3	54	6	N/A	07S +0.11	BOBBIN	298
65	128	0.32	0	N/A	8	11S +0.55	RPC	299
		0.32	93	10	N/A	08S -0.75	BOBBIN	299
		0.24	101	8	N/A	11S -0.77	BOBBIN	299
		0.29	74	9	N/A	11S +0.63	BOBBIN	299
65	129	0.29	99	9	N/A	08S -0.79	BOBBIN	300
		0.57	83	17	N/A	10S +0.63	BOBBIN	300
66	14	0.29	114	5	N/A	11S +0.72	BOBBIN	301
66	17	0.47	96	9	N/A	11S +0.70	BOBBIN	302
66	86	0.52	29	13	N/A	14S -0.44	BOBBIN	303
66	126	0.31	81	10	N/A	07S -0.33	BOBBIN	304
66	127	0.39	94	9	N/A	15S -0.87	BOBBIN	305
66	128	0.28	93	9	N/A	08S -0.79	BOBBIN	306
		0.12	51	4	N/A	07S +0.65	BOBBIN	306
67	6	0.23	97	4	N/A	10S +0.74	BOBBIN	307
		0.26	84	4	N/A	09S +0.66	BOBBIN	307
		0.44	0	N/A	14	09S +0.72	RPC	307
67	8	0.17	98	3	N/A	10S +0.76	BOBBIN	308
		0.39	0	N/A	12	10S +0.74	RPC	308
		0.25	0	N/A	8	10S -0.74	RPC	308
67	13	0.28	73	7	N/A	11S +0.67	BOBBIN	309
		0.48	0	N/A	15	11S +0.69	RPC	309
67	62	0.67	90	12	N/A	10S +0.80	BOBBIN	310
67	118	0.22	103	7	N/A	05S +0.67	BOBBIN	311
67	128	0.24	0	N/A	6	07S +0.67	RPC	312
		0.21	94	7	N/A	07S +0.61	BOBBIN	312
67	129	0.51	159	11	N/A	11S -0.73	BOBBIN	313
		0.68	89	15	N/A	10S +0.67	BOBBIN	313
		0.32	156	7	N/A	08S -0.72	BOBBIN	313
68	3	0.51	86	12	N/A	11S +0.63	BOBBIN	314
68	12	0.42	104	7	N/A	11S +0.65	BOBBIN	315
68	13	0.36	124	8	N/A	11S +0.67	BOBBIN	316

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.57	0	N/A	18	11S +0.71	RPC	316
68	15	0.38	89	7	N/A	11S +0.70	BOBBIN	317
68	16	0.41	77	8	N/A	11S +0.72	BOBBIN	318
68	22	0.53	94	10	N/A	12S +0.74	BOBBIN	319
68	34	0.26	97	5	N/A	12S +0.74	BOBBIN	320
68	42	0.2	105	3	N/A	09S +0.72	BOBBIN	321
68	60	0.37	31	8	N/A	04S +0.70	BOBBIN	322
68	65	0.49	49	9	N/A	12S +0.84	BOBBIN	323
68	73	0.46	114	10	N/A	06S -0.83	BOBBIN	324
68	129	0.55	105	12	N/A	10S +0.65	BOBBIN	325
		0.49	65	11	N/A	09S +0.65	BOBBIN	325
68	130	0.47	130	10	N/A	11S -0.80	BOBBIN	326
		0.39	122	9	N/A	10S +0.67	BOBBIN	326
		0.32	150	7	N/A	08S -0.81	BOBBIN	326
68	131	0.25	0	N/A	9	12S +0.67	RPC	327
		0.26	0	N/A	7	12S -0.72	RPC	327
		0.23	71	7	N/A	12S -0.71	BOBBIN	327
		0.23	116	8	N/A	12S +0.67	BOBBIN	327
69	4	0.63	0	N/A	21	11S +0.67	RPC	328
		0.49	83	11	N/A	11S +0.70	BOBBIN	328
69	5	0.55	89	10	N/A	11S +0.79	BOBBIN	329
69	14	0.23	53	5	N/A	11S +0.74	BOBBIN	330
69	30	0.23	0	N/A	6	12S +0.69	RPC	331
		0.32	97	7	N/A	12S +0.71	BOBBIN	331
69	70	0.24	0	N/A	9	04S +0.67	RPC	332
		0.24	106	5	N/A	04S +0.70	BOBBIN	332
69	88	0.28	141	8	N/A	04S +0.89	BOBBIN	333
69	129	0.17	95	6	N/A	08S +0.34	BOBBIN	334
69	131	0.2	90	6	N/A	08S -0.83	BOBBIN	335
		0.41	98	13	N/A	10S +0.61	BOBBIN	335
		0.17	86	6	N/A	11S -0.77	BOBBIN	335
		0.17	98	5	N/A	12S -0.75	BOBBIN	335
70	4	0.25	106	6	N/A	11S +0.74	BOBBIN	336
70	5	0.37	0	N/A	10	07S -0.72	RPC	337
		0.45	100	8	N/A	11S +0.74	BOBBIN	337
		0.29	107	5	N/A	07S -0.76	BOBBIN	337
70	7	0.29	0	N/A	8	10S +0.69	RPC	338
		0.41	100	8	N/A	10S +0.72	BOBBIN	338
70	10	0.51	0	N/A	13	11S +0.69	RPC	339
		0.3	130	7	N/A	11S +0.72	BOBBIN	339
70	13	0.21	87	4	N/A	11S +0.81	BOBBIN	340
		0.14	102	3	N/A	10S +0.72	BOBBIN	340
70	14	0.28	64	6	N/A	11S +0.72	BOBBIN	341
70	16	0.41	128	9	N/A	11S +0.69	BOBBIN	342
70	30	0.35	87	7	N/A	11S +0.70	BOBBIN	343

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
70	55	0.18	0	N/A	6	11S +0.67	RPC	344
		0.43	159	9	N/A	11S +0.74	BOBBIN	344
70	59	0.23	0	N/A	8	11S +0.67	RPC	345
		0.37	106	8	N/A	11S +0.78	BOBBIN	345
70	128	0.34	0	N/A	9	10S -0.71	RPC	346
		0.29	69	9	N/A	10S -0.71	BOBBIN	346
		0.18	73	6	N/A	10S +0.65	BOBBIN	346
70	130	0.19	0	N/A	5	10S +0.60	RPC	347
		0.22	97	7	N/A	08S -0.79	BOBBIN	347
		0.25	96	8	N/A	10S +0.63	BOBBIN	347
		0.25	115	8	N/A	11S -0.75	BOBBIN	347
71	6	0.28	76	8	N/A	11S +0.72	BOBBIN	348
71	13	0.38	132	10	N/A	11S +0.72	BOBBIN	349
71	14	0.29	113	6	N/A	11S +0.64	BOBBIN	350
71	17	0.23	33	6	N/A	11S +0.79	BOBBIN	351
71	22	0.39	105	7	N/A	11S +0.63	BOBBIN	352
71	34	0.21	103	4	N/A	12S +0.72	BOBBIN	353
71	45	0.37	0	N/A	10	11S +0.73	RPC	354
		0.37	105	6	N/A	11S +0.74	BOBBIN	354
71	126	0.34	96	11	N/A	08S +0.10	BOBBIN	355
71	128	0.45	92	14	N/A	10S -0.57	BOBBIN	356
		0.4	92	13	N/A	15S -0.75	BOBBIN	356
71	129	0.63	74	14	N/A	10S +0.69	BOBBIN	357
		0.65	93	14	N/A	09S +0.46	BOBBIN	357
		0.45	0	N/A	21	10S +0.54	RPC	357
71	130	0.34	99	11	N/A	08S -0.79	BOBBIN	358
		0.26	87	9	N/A	10S +0.66	BOBBIN	358
71	131	0.23	0	N/A	9	10S +0.62	RPC	359
		0.28	83	9	N/A	10S +0.63	BOBBIN	359
72	2	0.26	74	5	N/A	14S +0.81	BOBBIN	360
72	3	0.46	86	11	N/A	12S +0.69	BOBBIN	361
72	12	0.25	80	7	N/A	11S +0.69	BOBBIN	362
72	13	0.37	88	7	N/A	11S +0.74	BOBBIN	363
72	15	0.36	0	N/A	10	11S +0.75	RPC	364
		0.21	84	4	N/A	11S +0.76	BOBBIN	364
72	23	0.22	91	4	N/A	07S +0.74	BOBBIN	365
72	29	0.2	0	N/A	5	11S +0.75	RPC	366
		0.21	89	4	N/A	11S +0.64	BOBBIN	366
72	31	0.58	87	14	N/A	12S +0.74	BOBBIN	367
72	38	0.52	120	11	N/A	11S +0.70	BOBBIN	368
72	57	0.47	101	9	N/A	10S +0.63	BOBBIN	369
72	58	1.05	115	20	N/A	11S +0.74	BOBBIN	370
72	61	0.29	82	6	N/A	09S -0.71	BOBBIN	371
72	91	0.2	84	4	N/A	04S +0.52	BOBBIN	372
72	127	0.29	107	9	N/A	07S +0.68	BOBBIN	373

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.72	94	20	N/A	10S -0.67	BOBBIN	373
73	14	0.2	99	4	N/A	13S -0.36	BOBBIN	374
73	20	0.27	95	5	N/A	12S +0.71	BOBBIN	375
73	22	0.31	89	6	N/A	11S +0.67	BOBBIN	376
73	37	0.35	150	8	N/A	11S +0.76	BOBBIN	377
73	41	0.58	112	12	N/A	12S +0.65	BOBBIN	378
73	57	0.34	128	8	N/A	10S +0.72	BOBBIN	379
73	61	0.35	91	8	N/A	07S +0.70	BOBBIN	380
73	128	0.85	85	N/A	23	09S +0.64	RPC	381
		0.21	101	N/A	5	09S -0.71	RPC	381
		1.06	86	21	N/A	10S -0.78	BOBBIN	381
		0.35	117	8	N/A	08S -0.72	BOBBIN	381
		0.64	69	14	N/A	09S +0.67	BOBBIN	381
		0.61	0	N/A	26	10S -0.62	RPC	381
73	129	0.36	0	N/A	9	11S -0.64	RPC	382
		0.23	95	7	N/A	11S -0.71	BOBBIN	382
73	130	0.49	0	N/A	16	10S +0.60	RPC	383
		0.32	103	10	N/A	10S +0.59	BOBBIN	383
74	16	0.23	73	6	N/A	11S +0.67	BOBBIN	384
74	34	0.51	141	11	N/A	14S +0.74	BOBBIN	385
74	46	0.27	0	N/A	7	14S +0.75	RPC	386
		0.25	112	6	N/A	14S +0.76	BOBBIN	386
74	122	0.28	0	N/A	7	10S +0.58	RPC	387
		0.24	77	8	N/A	10S +0.59	BOBBIN	387
74	123	0.49	137	11	N/A	11S +0.00	BOBBIN	388
		0.38	100	8	N/A	08S -0.15	BOBBIN	388
74	124	0.55	86	16	N/A	10S +0.69	BOBBIN	389
		0.36	127	12	N/A	08S -0.65	BOBBIN	389
75	16	0.24	92	4	N/A	14S +0.72	BOBBIN	390
75	29	0.58	88	10	N/A	07S -0.70	BOBBIN	391
75	42	0.29	0	N/A	8	07S -0.75	RPC	392
		0.33	78	6	N/A	07S -0.76	BOBBIN	392
75	62	0.31	0	N/A	12	04S +0.67	RPC	393
		0.3	99	10	N/A	04S +0.63	BOBBIN	393
75	73	0.58	78	12	N/A	07S -0.81	BOBBIN	394
75	89	0.42	56	8	N/A	04S +0.75	BOBBIN	395
75	123	0.78	95	21	N/A	10S -0.65	BOBBIN	396
		0.57	97	17	N/A	11S -0.54	BOBBIN	396
75	124	0.6	0	N/A	16	11S -0.73	RPC	397
		0.53	0	N/A	13	11S +0.62	RPC	397
		0.58	0	N/A	15	10S -0.62	RPC	397
		0.48	87	15	N/A	11S -0.83	BOBBIN	397
		0.47	86	15	N/A	10S -0.56	BOBBIN	397
76	122	0.85	99	18	N/A	09S +0.58	BOBBIN	398
77	6	0.32	50	8	N/A	11S -0.69	BOBBIN	399

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
77	17	0.46	96	11	N/A	07S -0.78	BOBBIN	400
77	65	0.27	80	9	N/A	09S +0.71	BOBBIN	401
		0.13	137	5	N/A	09S -0.82	BOBBIN	401
77	74	0.3	78	7	N/A	07S -0.78	BOBBIN	402
77	76	0.72	50	15	N/A	07S -0.76	BOBBIN	403
77	80	0.48	139	11	N/A	04S +0.54	BOBBIN	404
		0.57	66	12	N/A	04S -0.65	BOBBIN	404
		0.35	30	8	N/A	05S +0.72	BOBBIN	404
		0.32	104	7	N/A	05S -0.74	BOBBIN	404
		0.38	150	9	N/A	09S -0.78	BOBBIN	404
77	85	0.28	0	N/A	7	04S +0.75	RPC	405
		0.29	119	9	N/A	04S +0.65	BOBBIN	405
77	86	0.33	56	8	N/A	04S +0.68	BOBBIN	406
77	123	0.35	0	N/A	9	08S +0.60	RPC	407
		0.36	0	N/A	10	08S -0.74	RPC	407
		0.43	130	13	N/A	08S +0.53	BOBBIN	407
78	74	0.47	126	10	N/A	04S +0.69	BOBBIN	408
78	76	0.28	138	6	N/A	07S -0.72	BOBBIN	409
78	123	0.48	73	14	N/A	08S -0.65	BOBBIN	410
78	125	0.32	88	10	N/A	10S -0.71	BOBBIN	411
		0.23	81	7	N/A	09S +0.24	BOBBIN	411
		0.4	92	12	N/A	09S -0.59	BOBBIN	411
79	19	0.32	108	7	N/A	10S -0.74	BOBBIN	412
		0.34	101	8	N/A	06S +0.74	BOBBIN	412
		0.25	114	6	N/A	04S +0.88	BOBBIN	412
79	29	0.38	73	7	N/A	10S -0.69	BOBBIN	413
79	32	0.26	96	6	N/A	10S -0.56	BOBBIN	414
79	35	0.31	100	6	N/A	10S -0.72	BOBBIN	415
79	37	0.15	98	3	N/A	09S -0.74	BOBBIN	416
79	38	0.45	28	10	N/A	10S -0.74	BOBBIN	417
79	39	0.28	127	5	N/A	10S -0.76	BOBBIN	418
79	41	0.21	98	4	N/A	10S -0.70	BOBBIN	419
79	42	0.19	0	N/A	7	10S -0.73	RPC	420
		0.29	126	6	N/A	10S -0.72	BOBBIN	420
79	43	0.23	129	4	N/A	10S -0.70	BOBBIN	421
79	79	0.22	0	N/A	6	04S +0.74	RPC	422
		0.22	83	5	N/A	04S +0.72	BOBBIN	422
79	83	0.45	150	10	N/A	06S +0.71	BOBBIN	423
79	95	0.37	76	11	N/A	04S +0.67	BOBBIN	424
79	128	0.39	124	12	N/A	10S -0.77	BOBBIN	425
		0.71	91	19	N/A	10S +0.57	BOBBIN	425
79	129	0.29	113	7	N/A	10S -0.74	BOBBIN	426
		0.54	99	13	N/A	11S -0.67	BOBBIN	426
80	5	0.24	107	5	N/A	10S -0.68	BOBBIN	427
80	17	0.34	70	6	N/A	10S -0.72	BOBBIN	428

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
80	29	0.35	94	7	N/A	10S -0.68	BOBBIN	429
80	35	0.21	61	5	N/A	12S -0.63	BOBBIN	430
		0.21	127	5	N/A	10S -0.83	BOBBIN	430
80	37	0.44	162	10	N/A	10S -0.79	BOBBIN	431
80	39	0.45	0	N/A	12	11S +0.68	RPC	432
		0.3	0	N/A	8	10S -0.72	RPC	432
		0.55	142	12	N/A	11S +0.70	BOBBIN	432
		0.3	130	7	N/A	10S -0.75	BOBBIN	432
80	43	0.4	73	9	N/A	11S +0.70	BOBBIN	433
80	55	0.16	130	4	N/A	08S -0.81	BOBBIN	434
80	65	0.31	0	N/A	12	11S -0.71	RPC	435
		0.38	84	8	N/A	11S -0.76	BOBBIN	435
80	66	0.23	93	8	N/A	07S -0.74	BOBBIN	436
80	127	0.31	97	8	N/A	07S +0.59	BOBBIN	437
		0.3	0	N/A	8	07S +0.69	RPC	437
80	130	0.31	0	N/A	8	11S -0.75	RPC	438
		0.29	96	9	N/A	11S -0.90	BOBBIN	438
80	131	0.4	102	12	N/A	11S -0.83	BOBBIN	439
81	4	0.15	107	3	N/A	10S -0.59	BOBBIN	440
81	17	0.18	97	4	N/A	10S -0.79	BOBBIN	441
81	18	0.31	128	7	N/A	10S -0.72	BOBBIN	442
81	21	0.24	104	5	N/A	10S -0.84	BOBBIN	443
81	22	0.38	137	8	N/A	10S -0.74	BOBBIN	444
81	25	0.29	133	6	N/A	10S -0.77	BOBBIN	445
81	26	0.32	127	7	N/A	10S -0.72	BOBBIN	446
81	29	0.41	93	7	N/A	10S -0.77	BOBBIN	447
81	30	0.36	101	7	N/A	10S -0.77	BOBBIN	448
81	34	0.32	111	6	N/A	10S -0.75	BOBBIN	449
81	37	0.27	54	5	N/A	10S -0.74	BOBBIN	450
81	42	0.37	0	N/A	10	10S -0.70	RPC	451
		0.24	106	5	N/A	10S -0.79	BOBBIN	451
81	46	0.4	142	9	N/A	10S -0.68	BOBBIN	452
81	48	0.29	81	7	N/A	10S -0.63	BOBBIN	453
81	51	0.32	90	6	N/A	08S -0.77	BOBBIN	454
81	52	0.26	112	6	N/A	10S -0.72	BOBBIN	455
81	53	0.26	0	N/A	9	08S -0.70	RPC	456
		0.31	123	6	N/A	08S -0.72	BOBBIN	456
81	55	0.24	111	5	N/A	08S -0.68	BOBBIN	457
81	63	0.18	0	N/A	6	09S -0.75	RPC	458
		0.3	123	7	N/A	09S -0.74	BOBBIN	458
81	73	0.36	117	8	N/A	09S -0.81	BOBBIN	459
81	84	0.36	0	N/A	9	04S +0.75	RPC	460
		0.26	93	8	N/A	04S +0.72	BOBBIN	460
81	130	0.68	126	15	N/A	10S -0.72	BOBBIN	461
		0.16	80	4	N/A	09S +0.65	BOBBIN	461

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.24	112	6	N/A	08S -0.74	BOBBIN	461
		0.95	115	20	N/A	11S -0.69	BOBBIN	461
		0.59	0	N/A	16	11S -0.68	RPC	461
81	131	0.28	102	9	N/A	10S -0.81	BOBBIN	462
82	13	0.21	271	7	N/A	11S -0.67	BOBBIN	463
82	19	0.15	113	4	N/A	08S -0.77	BOBBIN	464
82	43	0.3	89	8	N/A	08S -0.75	BOBBIN	465
82	45	0.19	80	5	N/A	10S +0.70	BOBBIN	466
82	50	0.22	98	6	N/A	10S +0.74	BOBBIN	467
82	51	0.3	0	N/A	8	08S -0.70	RPC	468
		0.28	95	7	N/A	08S -0.74	BOBBIN	468
82	52	0.22	109	6	N/A	10S +0.68	BOBBIN	469
82	53	0.36	93	7	N/A	10S +0.76	BOBBIN	470
82	58	0.29	120	7	N/A	10S +0.77	BOBBIN	471
82	60	0.27	146	7	N/A	10S +0.73	BOBBIN	472
82	90	0.28	66	6	N/A	04S +0.73	BOBBIN	473
82	94	0.22	83	7	N/A	04S +0.65	BOBBIN	474
82	127	0.21	107	7	N/A	07S +0.33	BOBBIN	475
82	128	0.16	105	4	N/A	09S +0.35	BOBBIN	476
82	129	0.44	93	13	N/A	11S -0.81	BOBBIN	477
83	13	0.35	82	10	N/A	11S -0.69	BOBBIN	478
83	19	0.23	104	6	N/A	08S -0.79	BOBBIN	479
83	22	0.29	136	8	N/A	08S -0.76	BOBBIN	480
83	23	0.21	65	6	N/A	08S -0.75	BOBBIN	481
83	26	0.41	95	11	N/A	08S -0.74	BOBBIN	482
83	30	0.36	73	10	N/A	10S -0.70	BOBBIN	483
83	53	0.41	94	11	N/A	10S +0.72	BOBBIN	484
83	54	0.39	95	7	N/A	10S +0.76	BOBBIN	485
83	63	0.15	123	4	N/A	09S +0.75	BOBBIN	486
83	67	0.35	148	9	N/A	08S -0.75	BOBBIN	487
83	73	0.45	106	11	N/A	08S -0.78	BOBBIN	488
83	131	0.25	113	6	N/A	11S -0.80	BOBBIN	489
		0.86	98	18	N/A	10S -0.11	BOBBIN	489
		0.38	0	N/A	10	10S -0.56	RPC	489
		0.25	0	N/A	7	10S -0.14	RPC	489
84	7	0.14	105	5	N/A	11S +0.76	BOBBIN	490
84	13	0.18	113	6	N/A	07S -0.75	BOBBIN	491
84	15	0.18	111	5	N/A	08S -0.73	BOBBIN	492
84	26	0.13	0	N/A	3	10S -0.65	RPC	493
		0.35	69	9	N/A	10S -0.69	BOBBIN	493
84	29	0.2	65	6	N/A	08S -0.75	BOBBIN	494
84	48	0.25	0	N/A	7	08S -0.66	RPC	495
		0.24	78	7	N/A	08S -0.73	BOBBIN	495
84	51	0.46	0	N/A	17	10S -0.70	RPC	496
		0.6	80	15	N/A	10S -0.65	BOBBIN	496

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
84	54	0.4	75	10	N/A	10S -0.61	BOBBIN	497
84	56	0.44	70	10	N/A	10S -0.61	BOBBIN	498
84	59	0.45	102	8	N/A	10S -0.65	BOBBIN	499
		0.24	74	4	N/A	10S +0.67	BOBBIN	499
84	60	0.46	75	11	N/A	10S -0.61	BOBBIN	500
		0.13	139	3	N/A	10S +0.75	BOBBIN	500
84	61	0.29	102	5	N/A	10S -0.59	BOBBIN	501
84	66	0.59	102	13	N/A	07S -0.07	BOBBIN	502
84	82	0.35	120	10	N/A	04S +0.72	BOBBIN	503
84	131	0.39	0	N/A	10	11S -0.67	RPC	504
		0.25	58	8	N/A	11S -0.79	BOBBIN	504
85	9	0.62	101	13	N/A	08S -0.76	BOBBIN	505
		0.28	178	6	N/A	10S -0.66	BOBBIN	505
85	18	0.21	0	N/A	6	10S -0.68	RPC	506
		0.27	99	7	N/A	10S -0.70	BOBBIN	506
85	21	0.34	60	9	N/A	10S -0.68	BOBBIN	507
85	25	0.29	95	8	N/A	10S -0.70	BOBBIN	508
85	27	0.47	122	12	N/A	10S -0.76	BOBBIN	509
85	28	0.39	75	10	N/A	10S -0.70	BOBBIN	510
85	29	0.22	0	N/A	6	08S -0.72	RPC	511
		0.18	109	5	N/A	08S -0.76	BOBBIN	511
85	31	0.29	0	N/A	8	10S -0.69	RPC	512
		0.35	86	9	N/A	10S -0.65	BOBBIN	512
85	33	0.31	0	N/A	8	10S -0.65	RPC	513
		0.36	76	9	N/A	10S -0.68	BOBBIN	513
85	49	0.43	137	11	N/A	10S +0.72	BOBBIN	514
85	50	0.3	68	8	N/A	10S +0.72	BOBBIN	515
85	51	0.41	0	N/A	11	10S -0.72	RPC	516
		0.42	58	11	N/A	10S -0.67	BOBBIN	516
85	57	0.16	28	3	N/A	10S +0.86	BOBBIN	517
85	62	0.35	98	7	N/A	10S -0.63	BOBBIN	518
85	93	0.47	129	11	N/A	04S +0.70	BOBBIN	519
86	40	0.32	0	N/A	8	10S -0.71	RPC	520
		0.35	65	9	N/A	10S -0.72	BOBBIN	520
86	45	0.27	0	N/A	7	10S -0.62	RPC	521
		0.33	58	9	N/A	10S -0.60	BOBBIN	521
86	49	0.33	0	N/A	9	10S -0.69	RPC	522
		0.36	59	10	N/A	10S -0.65	BOBBIN	522
86	51	0.48	82	12	N/A	10S -0.72	BOBBIN	523
86	115	0.34	127	8	N/A	15S -0.79	BOBBIN	524
86	130	0.22	100	7	N/A	08S +0.63	BOBBIN	525
86	131	0.21	87	6	N/A	11S -0.81	BOBBIN	526
87	17	0.21	0	N/A	6	10S -0.66	RPC	527
		0.28	79	7	N/A	10S -0.68	BOBBIN	527
87	26	0.2	62	6	N/A	05S -0.85	BOBBIN	528

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
87	35	0.79	78	17	N/A	10S -0.72	BOBBIN	529
87	36	0.61	0	N/A	15	10S -0.66	RPC	530
		0.61	85	16	N/A	10S -0.77	BOBBIN	530
87	39	0.23	76	6	N/A	10S -0.70	BOBBIN	531
		0.18	87	4	N/A	09S -0.78	BOBBIN	531
87	83	0.23	101	5	N/A	04S +0.76	BOBBIN	532
87	122	0.37	82	11	N/A	07S +0.63	BOBBIN	533
87	130	0.24	117	7	N/A	10S -0.73	BOBBIN	534
		0.14	151	4	N/A	11S -0.75	BOBBIN	534
88	25	0.23	0	N/A	6	10S -0.70	RPC	535
		0.26	101	8	N/A	10S -0.69	BOBBIN	535
88	27	0.23	0	N/A	6	10S -0.72	RPC	536
		0.19	87	6	N/A	10S -0.69	BOBBIN	536
88	34	0.62	71	14	N/A	10S -0.68	BOBBIN	537
88	53	0.71	82	13	N/A	09S +0.76	BOBBIN	538
88	129	0.32	101	9	N/A	08S -0.76	BOBBIN	539
89	26	0.32	64	10	N/A	10S -0.69	BOBBIN	540
89	73	0.21	88	7	N/A	04S +0.70	BOBBIN	541
89	106	0.17	66	5	N/A	05S -0.77	BOBBIN	542
		0.29	60	9	N/A	06S -0.10	BOBBIN	542
		0.35	0	N/A	9	06S -0.17	RPC	542
89	128	0.25	96	8	N/A	07S -0.81	BOBBIN	543
89	130	0.19	106	6	N/A	11S -0.82	BOBBIN	544
90	9	0.3	107	8	N/A	08S -0.73	BOBBIN	545
90	82	0.74	94	16	N/A	04S +0.74	BOBBIN	546
91	29	0.25	101	8	N/A	01S -0.69	BOBBIN	547
92	16	0.29	112	9	N/A	06S +0.73	BOBBIN	548
92	57	0.16	143	4	N/A	06S +0.75	BOBBIN	549
92	89	0.28	96	8	N/A	04S +0.65	BOBBIN	550
92	92	0.38	55	12	N/A	04S +0.76	BOBBIN	551
92	127	0.67	82	18	N/A	04S +0.61	BOBBIN	552
93	81	0.33	0	N/A	9	04S +0.69	RPC	553
		0.28	119	7	N/A	04S +0.74	BOBBIN	553
93	88	0.44	117	10	N/A	04S +0.69	BOBBIN	554
94	6	0.19	88	6	N/A	07S -0.80	BOBBIN	555
94	18	0.16	72	5	N/A	05S +0.74	BOBBIN	556
94	46	0.23	127	7	N/A	07S -0.81	BOBBIN	557
94	75	0.52	44	12	N/A	04S +0.71	BOBBIN	558
94	83	0.32	0	N/A	8	04S +0.73	RPC	559
		0.45	73	10	N/A	04S +0.75	BOBBIN	559
94	126	0.24	0	N/A	6	08S -0.70	RPC	560
		0.41	137	9	N/A	08S -0.66	BOBBIN	560
94	128	0.28	123	6	N/A	08S -0.74	BOBBIN	561
		0.32	97	7	N/A	04S +0.67	BOBBIN	561
94	129	0.67	78	18	N/A	08S -0.70	BOBBIN	562

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.28	89	8	N/A	11S -0.81	BOBBIN	562
95	2	0.19	121	5	N/A	11S +0.71	BOBBIN	563
95	6	0.26	122	7	N/A	07S -0.74	BOBBIN	564
95	63	0.23	165	6	N/A	09S -0.77	BOBBIN	565
95	74	0.32	134	8	N/A	04S +0.69	BOBBIN	566
95	87	0.47	74	12	N/A	04S +0.65	BOBBIN	567
95	122	0.56	136	13	N/A	09S -0.75	BOBBIN	568
95	123	0.32	131	10	N/A	09S -0.81	BOBBIN	569
95	125	0.25	0	N/A	10	04S +0.65	RPC	570
		0.52	37	15	N/A	04S +0.67	BOBBIN	570
96	70	0.81	86	17	N/A	04S +0.76	BOBBIN	571
96	123	0.38	136	9	N/A	09S -0.74	BOBBIN	572
		0.15	78	3	N/A	07S -0.76	BOBBIN	572
96	127	0.31	91	9	N/A	10S -0.79	BOBBIN	573
97	118	0.24	55	7	N/A	03S +0.65	BOBBIN	574
97	123	0.3	0	N/A	8	08S -0.72	RPC	575
		0.34	139	7	N/A	08S -0.85	BOBBIN	575
		0.49	91	11	N/A	09S -0.81	BOBBIN	575
98	99	0.29	79	7	N/A	07S +0.54	BOBBIN	576
98	125	0.43	51	10	N/A	09S -0.76	BOBBIN	577
99	95	0.2	58	5	N/A	04S +0.69	BOBBIN	578
100	7	0.3	0	N/A	8	07S -0.72	RPC	579
		0.19	102	6	N/A	07S -0.73	BOBBIN	579
101	7	0.18	88	6	N/A	07S -0.78	BOBBIN	580
101	55	0.47	0	N/A	12	05S -0.74	RPC	581
		0.32	130	7	N/A	05S -0.74	BOBBIN	581
101	79	0.46	65	12	N/A	04S +0.68	BOBBIN	582
101	122	0.34	32	10	N/A	09S -0.82	BOBBIN	583
102	20	0.29	132	7	N/A	07S -0.80	BOBBIN	584
102	121	0.6	22	13	N/A	04S -0.69	BOBBIN	585
102	123	0.32	53	10	N/A	10S -0.73	BOBBIN	586
103	4	0.16	97	5	N/A	07S -0.78	BOBBIN	587
103	5	0.25	105	7	N/A	07S -0.73	BOBBIN	588
103	8	0.3	0	N/A	8	07S -0.72	RPC	589
		0.22	123	7	N/A	07S -0.72	BOBBIN	589
103	17	0.2	80	6	N/A	07S -0.81	BOBBIN	590
103	114	0.33	59	10	N/A	14S -0.86	BOBBIN	591
104	121	0.23	113	5	N/A	11S -0.83	BOBBIN	592
105	5	0.31	112	9	N/A	07S -0.73	BOBBIN	593
105	6	0.21	92	7	N/A	07S -0.69	BOBBIN	594
105	85	0.18	49	6	N/A	15S +0.86	BOBBIN	595
105	86	0.23	101	7	N/A	11S +0.81	BOBBIN	596
105	119	0.28	156	6	N/A	14S +0.82	BOBBIN	597
		0.16	109	3	N/A	12S +0.77	BOBBIN	597
106	4	0.24	107	8	N/A	07S -0.74	BOBBIN	598

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
106	7	0.26	119	7	N/A	07S -0.76	BOBBIN	599
106	18	0.23	101	7	N/A	07S -0.75	BOBBIN	600
106	86	0.23	0	N/A	6	04S +0.75	RPC	601
		0.36	90	9	N/A	04S +0.74	BOBBIN	601
106	115	0.31	123	9	N/A	15S -0.82	BOBBIN	602
106	117	0.42	0	N/A	11	10S -0.75	RPC	603
		0.18	0	N/A	5	10S +0.47	RPC	603
		0.53	133	15	N/A	10S -0.72	BOBBIN	603
		0.45	77	13	N/A	10S +0.55	BOBBIN	603
106	119	0.64	106	17	N/A	11S +0.61	BOBBIN	604
107	15	0.52	97	14	N/A	14S -0.79	BOBBIN	605
107	31	0.36	100	10	N/A	03S +0.69	BOBBIN	606
		0.31	67	9	N/A	09S +0.67	BOBBIN	606
107	42	0.25	0	N/A	7	05S -0.75	RPC	607
		0.4	153	11	N/A	05S -0.78	BOBBIN	607
107	76	0.39	0	N/A	10	04S +0.74	RPC	608
		0.57	51	17	N/A	04S +0.74	BOBBIN	608
107	97	0.54	108	13	N/A	14S -0.83	BOBBIN	609
108	20	0.26	124	6	N/A	07S -0.78	BOBBIN	610
108	110	0.31	56	9	N/A	09S -0.86	BOBBIN	611
108	111	0.22	60	5	N/A	04S -0.71	BOBBIN	612
109	75	0.31	0	N/A	8	04S +0.74	RPC	613
		0.32	94	11	N/A	04S +0.74	BOBBIN	613
109	117	0.16	131	3	N/A	14S +0.83	BOBBIN	614
		0.16	116	3	N/A	13S +0.76	BOBBIN	614
		0.14	100	3	N/A	10S -0.76	BOBBIN	614
111	4	0.29	146	8	N/A	08S +0.75	BOBBIN	615
111	48	0.2	87	6	N/A	05S -0.83	BOBBIN	616
111	67	0.25	133	8	N/A	05S -0.11	BOBBIN	617
112	93	0.48	78	15	N/A	15S -0.84	BOBBIN	618
112	94	0.51	57	12	N/A	03S +0.65	BOBBIN	619
113	72	0.42	98	14	N/A	04S +0.74	BOBBIN	620
113	105	0.37	132	9	N/A	09S -0.83	BOBBIN	621
113	111	0.29	103	9	N/A	07S -0.76	BOBBIN	622
114	22	0.22	115	5	N/A	05S -0.85	BOBBIN	623
114	39	0.32	135	7	N/A	05S -0.78	BOBBIN	624
114	80	0.25	153	8	N/A	10S -0.89	BOBBIN	625
114	109	0.28	97	6	N/A	07S -0.69	BOBBIN	626
115	6	0.21	119	6	N/A	07S -0.68	BOBBIN	627
115	15	0.18	120	4	N/A	05S -0.83	BOBBIN	628
115	28	0.19	85	6	N/A	05S -0.75	BOBBIN	629
115	41	0.26	135	6	N/A	05S -0.81	BOBBIN	630
115	43	0.2	0	N/A	5	05S -0.74	RPC	631
		0.29	125	6	N/A	05S -0.78	BOBBIN	631
115	47	0.48	113	10	N/A	05S -0.78	BOBBIN	632

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
115	50	0.23	86	7	N/A	05S -0.79	BOBBIN	633
115	57	0.5	149	15	N/A	09S -0.78	BOBBIN	634
115	63	0.47	143	14	N/A	05S -0.78	BOBBIN	635
116	5	0.15	119	4	N/A	08S +0.74	BOBBIN	636
116	6	0.33	104	9	N/A	07S -0.68	BOBBIN	637
116	21	0.2	0	N/A	5	05S -0.68	RPC	638
		0.22	114	5	N/A	05S -0.77	BOBBIN	638
117	1	0.25	60	7	N/A	08S +0.80	BOBBIN	639
117	5	0.26	134	6	N/A	08S +0.76	BOBBIN	640
117	24	0.26	115	6	N/A	05S -0.79	BOBBIN	641
117	34	0.53	122	11	N/A	05S -0.78	BOBBIN	642
118	68	0.26	88	8	N/A	04S +0.69	BOBBIN	643
118	87	0.2	0	N/A	5	10S -0.67	RPC	644
		0.55	39	12	N/A	10S -0.57	BOBBIN	644
118	98	0.3	46	10	N/A	05S -0.82	BOBBIN	645
118	101	0.47	162	11	N/A	07S -0.72	BOBBIN	646
119	2	0.19	92	6	N/A	10S -0.45	BOBBIN	647
119	3	0.24	114	7	N/A	08S +0.78	BOBBIN	648
119	70	0.36	0	N/A	9	04S +0.74	RPC	649
		0.27	70	8	N/A	04S +0.65	BOBBIN	649
119	89	0.41	0	N/A	10	15S +0.71	RPC	650
		0.27	118	6	N/A	15S +0.71	BOBBIN	650
119	102	0.21	58	7	N/A	14S -0.78	BOBBIN	651
		0.54	70	16	N/A	07S -0.71	BOBBIN	651
119	108	0.3	122	9	N/A	10S -0.74	BOBBIN	652
120	1	0.38	82	11	N/A	08S +0.78	BOBBIN	653
120	2	0.26	122	7	N/A	13S -0.80	BOBBIN	654
120	107	0.25	112	8	N/A	10S +0.68	BOBBIN	655
121	2	0.31	129	9	N/A	08S +0.71	BOBBIN	656
121	32	0.22	0	N/A	6	05S -0.75	RPC	657
		0.37	134	8	N/A	05S -0.76	BOBBIN	657
121	73	0.41	0	N/A	11	08S +0.71	RPC	658
		0.27	100	8	N/A	08S +0.67	BOBBIN	658
121	94	0.23	86	6	N/A	09S -0.76	BOBBIN	659
121	105	0.7	16	15	N/A	10S +0.46	BOBBIN	660
122	1	0.21	86	6	N/A	11S -0.76	BOBBIN	661
122	61	0.29	0	N/A	8	04S +0.75	RPC	662
		0.36	127	11	N/A	04S +0.67	BOBBIN	662
122	93	0.2	92	6	N/A	15S -0.83	BOBBIN	663
122	102	0.36	74	7	N/A	08S +0.11	BOBBIN	664
122	103	0.47	116	14	N/A	10S -0.72	BOBBIN	665
122	104	0.89	128	18	N/A	09S +0.72	BOBBIN	666
123	1	0.32	127	9	N/A	12S +0.74	BOBBIN	667
		0.48	107	13	N/A	11S -0.74	BOBBIN	667
		0.31	66	9	N/A	08S +0.76	BOBBIN	667

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
123	76	0.39	141	12	N/A	15S -0.81	BOBBIN	668
123	92	0.26	122	8	N/A	15S -0.82	BOBBIN	669
123	102	0.33	116	7	N/A	10S -0.83	BOBBIN	670
125	25	0.16	119	5	N/A	08S -0.87	BOBBIN	671
125	26	0.3	145	7	N/A	08S -0.80	BOBBIN	672
125	29	0.26	73	7	N/A	08S -0.76	BOBBIN	673
125	63	0.37	66	11	N/A	08S +0.73	BOBBIN	674
125	74	0.47	159	14	N/A	15S -0.87	BOBBIN	675
125	75	0.25	37	7	N/A	15S -0.76	BOBBIN	676
125	80	0.41	0	N/A	15	04S +0.68	RPC	677
		0.86	84	18	N/A	04S +0.74	BOBBIN	677
125	100	0.21	0	N/A	6	09S +0.69	RPC	678
		0.32	46	10	N/A	09S +0.72	BOBBIN	678
126	81	0.22	131	5	N/A	07S +0.81	BOBBIN	679
126	92	0.18	0	N/A	5	09S -0.74	RPC	680
		0.53	114	16	N/A	07S -0.72	BOBBIN	680
		0.24	91	8	N/A	09S -0.78	BOBBIN	680
		0.52	71	15	N/A	08S +0.08	BOBBIN	680
127	45	0.27	124	7	N/A	05S -0.78	BOBBIN	681
127	60	0.33	94	10	N/A	09S +0.71	BOBBIN	682
127	71	0.47	98	15	N/A	09S +0.67	BOBBIN	683
128	95	0.31	0	N/A	8	12S +0.65	RPC	684
		0.46	81	10	N/A	12S +0.61	BOBBIN	684
129	3	0.65	75	16	N/A	12S +0.70	BOBBIN	685
129	33	0.22	0	N/A	6	05S -0.61	RPC	686
		0.31	137	8	N/A	05S -0.78	BOBBIN	686
129	77	0.66	151	14	N/A	04S +0.69	BOBBIN	687
130	87	0.19	119	6	N/A	07S -0.70	BOBBIN	688
131	72	0.41	140	13	N/A	07S +0.74	BOBBIN	689
		0.23	59	7	N/A	15S -0.84	BOBBIN	689
131	84	0.31	120	10	N/A	07S -0.74	BOBBIN	690
		0.14	90	4	N/A	07S -0.37	BOBBIN	690
132	2	0.25	0	N/A	7	10S -0.64	RPC	691
		0.24	55	6	N/A	10S -0.61	BOBBIN	691
132	15	0.25	107	8	N/A	14S -0.80	BOBBIN	692
132	32	0.5	146	12	N/A	15S +0.88	BOBBIN	693
132	64	0.14	80	4	N/A	15S -0.79	BOBBIN	694
133	1	0.19	120	6	N/A	10S -0.72	BOBBIN	695
133	2	0.39	117	12	N/A	10S -0.72	BOBBIN	696
133	3	0.35	90	9	N/A	10S -0.77	BOBBIN	697
133	72	0.2	109	7	N/A	15S -0.86	BOBBIN	698
134	3	0.91	87	22	N/A	12S +0.72	BOBBIN	699
		0.71	0	N/A	23	12S +0.68	RPC	699
134	85	0.29	92	10	N/A	10S +0.47	BOBBIN	700
135	71	0.56	0	N/A	14	09S -0.70	RPC	701

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		1.19	122	22	N/A	09S -0.74	BOBBIN	701
135	72	0.3	95	10	N/A	09S +0.68	BOBBIN	702
136	10	0.24	95	7	N/A	08S -0.69	BOBBIN	703
		0.24	105	7	N/A	05S -0.73	BOBBIN	703
		0.33	0	N/A	9	08S -0.62	RPC	703
		0.25	0	N/A	7	05S -0.73	RPC	703
136	15	0.24	137	7	N/A	08S +0.75	BOBBIN	704
		0.23	0	N/A	6	08S +0.67	RPC	704
136	80	0.2	130	7	N/A	08S -0.69	BOBBIN	705
137	1	0.49	95	14	N/A	09S +0.76	BOBBIN	706
137	3	0.24	101	7	N/A	10S -0.75	BOBBIN	707
		0.44	0	N/A	11	10S -0.60	RPC	707
137	11	0.3	85	9	N/A	08S -0.66	BOBBIN	708
137	14	0.29	0	N/A	8	08S -0.68	RPC	709
		0.26	89	8	N/A	08S -0.75	BOBBIN	709
137	17	0.33	151	8	N/A	08S +0.74	BOBBIN	710
138	2	0.37	0	N/A	10	10S -0.60	RPC	711
		0.23	116	7	N/A	10S -0.71	BOBBIN	711
		0.21	142	6	N/A	09S -0.80	BOBBIN	711
138	8	0.31	128	9	N/A	09S -0.82	BOBBIN	712
138	26	0.2	113	5	N/A	06S +0.72	BOBBIN	713
138	68	0.22	0	N/A	5	04S +0.71	RPC	714
		0.24	68	6	N/A	04S +0.72	BOBBIN	714
138	74	0.44	81	10	N/A	12S +0.72	BOBBIN	715
139	2	0.38	113	11	N/A	10S -0.69	BOBBIN	716
139	3	0.34	0	N/A	9	08S +0.73	RPC	717
		0.19	133	6	N/A	08S +0.75	BOBBIN	717
139	4	0.14	81	3	N/A	10S -0.80	BOBBIN	718
139	5	0.39	0	N/A	10	09S +0.73	RPC	719
		0.33	128	9	N/A	09S +0.51	BOBBIN	719
139	13	0.46	155	12	N/A	08S +0.69	BOBBIN	720
139	47	0.43	53	9	N/A	09S +0.76	BOBBIN	721
139	62	0.24	117	8	N/A	11S -0.87	BOBBIN	722
140	2	0.48	105	13	N/A	10S -0.67	BOBBIN	723
		0.31	117	9	N/A	08S +0.73	BOBBIN	723
		0.2	120	6	N/A	11S +0.64	BOBBIN	723
140	3	0.57	96	15	N/A	10S -0.55	BOBBIN	724
140	14	0.41	159	11	N/A	08S +0.69	BOBBIN	725
140	44	0.33	141	8	N/A	03S +0.73	BOBBIN	726
140	52	0.3	0	N/A	8	06S -0.09	RPC	727
		0.32	125	7	N/A	06S -0.07	BOBBIN	727
140	70	0.47	37	10	N/A	08S -0.53	BOBBIN	728
141	2	0.67	94	17	N/A	10S -0.67	BOBBIN	729
141	3	0.4	102	11	N/A	10S +0.00	BOBBIN	730
141	47	0.41	116	9	N/A	09S +0.74	BOBBIN	731

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
142	1	0.23	0	N/A	6	15S -0.75	RPC	732
		0.54	89	12	N/A	15S -0.83	BOBBIN	732
143	16	0.22	0	N/A	6	09S -0.68	RPC	733
		0.44	155	12	N/A	09S -0.80	BOBBIN	733
143	43	0.24	37	5	N/A	07S -0.54	BOBBIN	734
143	44	0.24	104	8	N/A	14S -0.79	BOBBIN	735
143	46	0.31	0	N/A	8	07S -0.70	RPC	736
		0.25	101	8	N/A	07S -0.69	BOBBIN	736
143	47	0.27	133	6	N/A	07S -0.72	BOBBIN	737
143	48	0.35	77	11	N/A	07S -0.73	BOBBIN	738
143	50	0.18	71	6	N/A	06S +0.69	BOBBIN	739
143	57	0.5	124	11	N/A	09S +0.74	BOBBIN	740
144	14	0.22	0	N/A	6	07S -0.69	RPC	741
		0.29	127	7	N/A	07S -0.77	BOBBIN	741
144	22	0.23	99	5	N/A	07S -0.81	BOBBIN	742
144	24	0.22	0	N/A	6	07S -0.69	RPC	743
		0.26	131	7	N/A	07S -0.77	BOBBIN	743
144	25	0.23	149	7	N/A	07S -0.71	BOBBIN	744
145	2	0.3	116	8	N/A	10S -0.71	BOBBIN	745
145	9	0.31	143	9	N/A	09S -0.78	BOBBIN	746
145	12	0.22	82	6	N/A	07S -0.77	BOBBIN	747
145	16	0.34	127	9	N/A	07S -0.71	BOBBIN	748
145	20	0.29	0	N/A	7	07S -0.71	RPC	749
		0.29	120	7	N/A	07S -0.75	BOBBIN	749
145	25	0.2	116	6	N/A	05S -0.74	BOBBIN	750
145	26	0.39	146	11	N/A	07S +0.69	BOBBIN	751
145	31	0.2	137	4	N/A	07S -0.69	BOBBIN	752
145	32	0.36	0	N/A	9	07S -0.63	RPC	753
		0.25	118	8	N/A	07S -0.77	BOBBIN	753
145	33	0.17	123	4	N/A	07S -0.70	BOBBIN	754
145	42	0.31	0	N/A	8	08S -0.64	RPC	755
		0.27	58	9	N/A	08S -0.73	BOBBIN	755
145	47	0.33	26	7	N/A	05S -0.74	BOBBIN	756
145	52	0.44	83	13	N/A	12S +0.67	BOBBIN	757
146	4	0.3	340	8	N/A	08S +0.78	BOBBIN	758
146	5	0.3	100	8	N/A	09S +0.63	BOBBIN	759
146	7	0.37	100	9	N/A	07S +0.68	BOBBIN	760
		0.49	70	12	N/A	08S -0.72	BOBBIN	760
		0.52	99	12	N/A	08S +0.77	BOBBIN	760
146	8	0.46	152	12	N/A	08S +0.74	BOBBIN	761
146	11	0.25	101	7	N/A	07S -0.81	BOBBIN	762
146	15	0.26	116	7	N/A	08S +0.73	BOBBIN	763
146	18	0.25	198	7	N/A	08S -0.61	BOBBIN	764
146	21	0.5	93	12	N/A	07S -0.71	BOBBIN	765
146	22	0.43	106	12	N/A	07S -0.72	BOBBIN	766

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
146	23	0.26	99	7	N/A	07S -0.77	BOBBIN	767
146	25	0.34	105	11	N/A	07S -0.77	BOBBIN	768
146	26	0.29	118	6	N/A	07S -0.74	BOBBIN	769
146	29	0.35	89	11	N/A	07S -0.71	BOBBIN	770
146	34	0.36	121	8	N/A	08S -0.63	BOBBIN	771
146	38	0.19	73	4	N/A	07S -0.70	BOBBIN	772
146	50	0.44	57	10	N/A	10S -0.67	BOBBIN	773
147	2	0.34	132	9	N/A	09S +0.67	BOBBIN	774
		0.3	146	8	N/A	07S +0.76	BOBBIN	774
147	14	0.39	0	N/A	10	08S -0.70	RPC	775
		0.37	96	9	N/A	08S -0.73	BOBBIN	775
147	15	0.29	143	8	N/A	07S -0.72	BOBBIN	776
147	16	0.35	114	9	N/A	07S -0.71	BOBBIN	777
147	18	0.3	0	N/A	8	08S -0.66	RPC	778
		0.25	79	7	N/A	08S -0.73	BOBBIN	778
147	20	0.34	0	N/A	9	08S -0.66	RPC	779
		0.36	99	9	N/A	08S -0.73	BOBBIN	779
147	30	0.37	99	8	N/A	12S +0.70	BOBBIN	780
147	31	0.37	124	11	N/A	08S -0.68	BOBBIN	781
148	1	0.25	98	7	N/A	07S -0.73	BOBBIN	782
		0.32	150	8	N/A	08S -0.61	BOBBIN	782
148	3	0.7	106	17	N/A	11S +0.69	BOBBIN	783
		0.35	151	10	N/A	07S +0.78	BOBBIN	783
148	4	0.31	82	8	N/A	10S -0.77	BOBBIN	784
148	10	0.23	118	6	N/A	08S +0.75	BOBBIN	785
148	14	0.22	0	N/A	6	07S +0.75	RPC	786
		0.26	100	7	N/A	07S +0.73	BOBBIN	786
148	15	0.22	113	6	N/A	07S -0.78	BOBBIN	787
148	19	0.13	60	4	N/A	08S -0.63	BOBBIN	788
148	22	0.21	91	7	N/A	08S -0.67	BOBBIN	789
148	23	0.47	158	10	N/A	12S -0.80	BOBBIN	790
148	36	0.44	79	13	N/A	10S -0.75	BOBBIN	791
149	3	0.32	113	10	N/A	14S -0.81	BOBBIN	792
149	6	0.27	43	9	N/A	07S +0.76	BOBBIN	793
149	8	0.22	23	7	N/A	07S +0.84	BOBBIN	794
149	10	0.1	67	4	N/A	07S +0.75	BOBBIN	795
149	11	0.44	77	10	N/A	08S -0.64	BOBBIN	796
149	12	0.26	0	N/A	7	08S -0.63	RPC	797
		0.23	89	8	N/A	10S +0.63	BOBBIN	797
		0.28	121	9	N/A	08S -0.68	BOBBIN	797
149	14	0.39	70	11	N/A	10S -0.59	BOBBIN	798
149	15	0.45	98	11	N/A	10S -0.61	BOBBIN	799
149	19	0.77	99	20	N/A	10S -0.71	BOBBIN	800
		0.31	85	10	N/A	12S -0.77	BOBBIN	800
149	20	0.34	102	7	N/A	10S -0.65	BOBBIN	801

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG A

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
149	21	0.52	100	15	N/A	10S -0.73	BOBBIN	802
149	28	0.61	116	13	N/A	10S -0.63	BOBBIN	803
150	7	0.6	93	17	N/A	10S -0.78	BOBBIN	804
150	10	0.3	93	7	N/A	10S -0.72	BOBBIN	805
150	11	0.41	0	N/A	11	10S -0.63	RPC	806
		0.46	95	11	N/A	10S -0.69	BOBBIN	806
150	14	0.37	57	8	N/A	10S -0.62	BOBBIN	807
150	15	0.68	99	18	N/A	10S -0.69	BOBBIN	808
150	16	0.52	83	11	N/A	10S -0.65	BOBBIN	809
		0.8	0	N/A	26	10S -0.56	RPC	809
150	17	0.54	0	N/A	14	10S -0.58	RPC	810
		0.29	101	9	N/A	10S +0.00	BOBBIN	810
150	18	0.41	107	9	N/A	10S -0.56	BOBBIN	811
150	19	0.72	0	N/A	18	10S -0.41	RPC	812
		0.23	87	7	N/A	10S -0.47	BOBBIN	812

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
1	5	0.2	101	4	N/A	10S -0.07	BOBBIN	1
1	14	0.22	95	7	N/A	09S +0.78	BOBBIN	2
1	15	0.28	0	N/A	10	13S -0.74	RPC	3
		0.25	71	6	N/A	13S -0.83	BOBBIN	3
2	7	0.64	101	11	N/A	11S +0.68	BOBBIN	4
2	9	0.2	112	4	N/A	09S -0.72	BOBBIN	5
2	10	0.62	134	12	N/A	09S -0.73	BOBBIN	6
2	13	0.36	111	11	N/A	09S -0.75	BOBBIN	7
2	20	0.45	97	13	N/A	10S -0.66	BOBBIN	8
2	21	0.6	100	14	N/A	10S -0.67	BOBBIN	9
2	22	0.33	85	10	N/A	10S -0.67	BOBBIN	10
2	23	0.18	125	4	N/A	10S -0.76	BOBBIN	11
2	25	0.31	69	8	N/A	10S -0.74	BOBBIN	12
		0.11	61	2	N/A	11S -0.88	BOBBIN	12
		0.3	51	7	N/A	08S -0.77	BOBBIN	12
2	26	0.28	78	8	N/A	10S -0.62	BOBBIN	13
		0.3	129	9	N/A	08S -0.80	BOBBIN	13
2	27	0.32	88	8	N/A	10S -0.73	BOBBIN	14
		0.34	105	8	N/A	09S +0.61	BOBBIN	14
		0.3	43	7	N/A	07S -0.77	BOBBIN	14
3	1	0.23	49	4	N/A	07S +0.59	BOBBIN	15
3	13	0.22	119	4	N/A	09S +0.48	BOBBIN	16
		0.42	0	N/A	12	09S +0.55	RPC	16
3	15	0.46	93	8	N/A	09S +0.73	BOBBIN	17
3	18	0.22	0	N/A	8	08S +0.64	RPC	18
		0.21	127	5	N/A	08S +0.64	BOBBIN	18
3	19	0.18	95	5	N/A	10S -0.79	BOBBIN	19
3	21	0.32	73	9	N/A	10S -0.71	BOBBIN	20
3	23	0.37	0	N/A	13	09S +0.60	RPC	21
		0.25	109	8	N/A	09S +0.69	BOBBIN	21
3	24	0.57	83	14	N/A	10S -0.74	BOBBIN	22
		0.26	36	6	N/A	09S -0.75	BOBBIN	22
3	25	0.46	90	13	N/A	10S +0.52	BOBBIN	23
		0.4	111	12	N/A	10S -0.64	BOBBIN	23
3	26	0.61	114	14	N/A	10S +0.04	BOBBIN	24
3	29	0.13	0	N/A	5	09S -0.74	RPC	25
		0.18	100	5	N/A	09S -0.71	BOBBIN	25
3	30	0.27	124	6	N/A	08S +0.43	BOBBIN	26
4	3	0.59	134	12	N/A	09S -0.74	BOBBIN	27
		0.26	0	N/A	9	09S -0.75	RPC	27
4	13	0.41	132	9	N/A	08S -0.71	BOBBIN	28
4	16	0.44	107	8	N/A	08S -0.72	BOBBIN	29
4	17	0.38	107	8	N/A	09S +0.60	BOBBIN	30
4	18	0.35	108	6	N/A	09S +0.68	BOBBIN	31
4	19	0.52	130	11	N/A	09S +0.66	BOBBIN	32

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
4	22	0.29	50	7	N/A	10S -0.80	BOBBIN	33
4	24	0.51	72	12	N/A	09S -0.81	BOBBIN	34
4	25	0.33	137	10	N/A	09S -0.79	BOBBIN	35
4	26	0.26	51	6	N/A	09S -0.75	BOBBIN	36
4	29	0.26	0	N/A	9	09S -0.77	RPC	37
		0.29	120	9	N/A	09S -0.80	BOBBIN	37
4	32	0.19	54	4	N/A	09S -0.79	BOBBIN	38
4	34	0.17	28	4	N/A	09S -0.81	BOBBIN	39
4	35	0.18	0	N/A	7	08S +0.73	RPC	40
		0.24	107	7	N/A	08S +0.86	BOBBIN	40
4	36	0.21	19	5	N/A	09S -0.79	BOBBIN	41
5	5	0.64	37	11	N/A	05S -0.70	BOBBIN	42
5	9	0.22	102	4	N/A	07S -0.77	BOBBIN	43
5	13	0.31	98	6	N/A	03S -0.83	BOBBIN	44
		0.28	0	N/A	10	03S -0.83	RPC	44
5	24	0.21	36	5	N/A	08S -0.79	BOBBIN	45
5	26	0.39	96	10	N/A	07S +0.69	BOBBIN	46
5	27	0.19	107	6	N/A	08S -0.80	BOBBIN	47
		0.38	70	11	N/A	07S +0.61	BOBBIN	47
5	30	0.18	88	4	N/A	09S -0.84	BOBBIN	48
		0.15	94	3	N/A	08S -0.77	BOBBIN	48
5	34	0.16	13	4	N/A	08S -0.77	BOBBIN	49
5	37	0.19	115	6	N/A	09S -0.78	BOBBIN	50
		0.34	91	10	N/A	07S +0.74	BOBBIN	50
		0.15	108	4	N/A	07S -0.80	BOBBIN	50
		0.28	113	8	N/A	06S -0.78	BOBBIN	50
5	38	0.64	70	14	N/A	09S -0.80	BOBBIN	51
		0.31	73	8	N/A	07S +0.71	BOBBIN	51
5	44	0.42	117	12	N/A	09S -0.78	BOBBIN	52
5	46	0.21	60	5	N/A	09S -0.79	BOBBIN	53
6	7	0.15	110	3	N/A	08S +0.57	BOBBIN	54
6	9	0.61	137	12	N/A	10S -0.80	BOBBIN	55
6	13	0.22	0	N/A	8	09S -0.74	RPC	56
		0.27	0	N/A	9	08S -0.74	RPC	56
		0.58	148	12	N/A	09S -0.82	BOBBIN	56
		0.5	143	10	N/A	08S -0.81	BOBBIN	56
6	17	0.66	157	13	N/A	09S -0.87	BOBBIN	57
		0.65	153	13	N/A	08S -0.79	BOBBIN	57
		0.4	142	8	N/A	07S -0.79	BOBBIN	57
6	18	0.22	80	4	N/A	08S -0.77	BOBBIN	58
		0.23	116	4	N/A	09S -0.75	BOBBIN	58
6	22	0.18	76	4	N/A	09S +0.50	BOBBIN	59
6	25	0.21	111	6	N/A	07S +0.68	BOBBIN	60
		0.48	0	N/A	16	07S +0.67	RPC	60
6	26	0.24	123	7	N/A	12S -0.85	BOBBIN	61

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	/OLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
6	27	0.26	26	7	N/A	09S -0.75	BOBBIN	62
		0.3	99	8	N/A	08S +0.36	BOBBIN	62
6	28	0.2	47	6	N/A	07S +0.73	BOBBIN	63
6	31	0.27	0	N/A	10	10S -0.74	RPC	64
		0.3	57	7	N/A	10S -0.79	BOBBIN	64
6	36	0.3	103	9	N/A	08S -0.71	BOBBIN	65
6	39	0.19	70	5	N/A	09S -0.81	BOBBIN	66
		0.25	57	7	N/A	08S +0.71	BOBBIN	66
		0.08	75	2	N/A	08S -0.79	BOBBIN	66
6	40	0.21	50	6	N/A	08S +0.68	BOBBIN	67
		0.2	0	N/A	7	08S +0.68	RPC	67
6	41	0.29	35	8	N/A	09S -0.79	BOBBIN	68
6	43	0.21	5	6	N/A	09S -0.79	BOBBIN	69
		0.27	24	7	N/A	07S -0.77	BOBBIN	69
6	44	0.68	121	18	N/A	09S -0.76	BOBBIN	70
		0.34	36	10	N/A	08S +0.66	BOBBIN	70
		0.31	58	9	N/A	07S +0.66	BOBBIN	70
		0.33	110	10	N/A	07S -0.75	BOBBIN	70
		0.34	0	N/A	11	07S +0.74	RPC	70
		0.18	0	N/A	7	08S +0.67	RPC	70
		0.37	0	N/A	13	07S -0.75	RPC	70
6	46	0.6	101	16	N/A	08S -0.74	BOBBIN	71
6	49	0.38	64	9	N/A	09S -0.75	BOBBIN	72
		0.26	33	6	N/A	10S -0.73	BOBBIN	72
		0.15	119	3	N/A	12S -0.58	BOBBIN	72
6	50	0.21	94	6	N/A	10S -0.76	BOBBIN	73
		0.32	107	10	N/A	07S -0.80	BOBBIN	73
		0.29	32	9	N/A	07S +0.67	BOBBIN	73
		0.36	0	N/A	13	10S -0.63	RPC	73
		0.27	0	N/A	10	07S -0.74	RPC	73
		0.22	0	N/A	8	07S +0.71	RPC	73
7	8	0.44	139	8	N/A	08S +0.65	BOBBIN	74
		0.26	0	N/A	10	08S +0.63	RPC	74
7	9	0.39	100	8	N/A	09S -0.84	BOBBIN	75
		0.27	0	N/A	10	09S -0.75	RPC	75
7	10	0.67	109	11	N/A	08S +0.63	BOBBIN	76
7	11	0.58	135	12	N/A	08S -0.79	BOBBIN	77
7	12	0.31	107	6	N/A	08S +0.63	BOBBIN	78
		0.27	0	N/A	10	08S +0.66	RPC	78
7	15	0.31	0	N/A	11	08S -0.74	RPC	79
		0.41	141	9	N/A	08S -0.82	BOBBIN	79
7	16	0.24	95	4	N/A	08S -0.74	BOBBIN	80
		0.36	107	6	N/A	08S +0.61	BOBBIN	80
		0.4	0	N/A	14	08S +0.59	RPC	80
		0.32	0	N/A	11	08S -0.74	RPC	80

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
7	17	0.42	141	9	N/A	09S -0.81	BOBBIN	81
7	18	0.18	106	3	N/A	08S -0.79	BOBBIN	82
7	19	0.37	135	8	N/A	08S -0.79	BOBBIN	83
		0.61	148	12	N/A	03S -0.81	BOBBIN	83
7	20	1.02	93	16	N/A	07S +0.74	BOBBIN	84
7	22	0.36	119	6	N/A	08S +0.54	BOBBIN	85
7	25	0.45	152	9	N/A	08S -0.77	BOBBIN	86
7	26	0.61	142	12	N/A	12S -0.82	BOBBIN	87
		0.32	131	7	N/A	09S +0.75	BOBBIN	87
		0.34	156	7	N/A	09S -0.74	BOBBIN	87
		0.45	141	9	N/A	07S +0.72	BOBBIN	87
7	28	0.4	101	11	N/A	08S +0.60	BOBBIN	88
7	29	0.2	99	6	N/A	10S -0.77	BOBBIN	89
		0.22	117	7	N/A	09S +0.72	BOBBIN	89
		0.53	107	15	N/A	09S -0.77	BOBBIN	89
		0.39	96	12	N/A	08S +0.54	BOBBIN	89
		0.51	95	15	N/A	07S +0.74	BOBBIN	89
		0.56	114	15	N/A	07S -0.71	BOBBIN	89
7	30	0.99	76	21	N/A	09S -0.73	BOBBIN	90
		1.09	74	23	N/A	08S +0.62	BOBBIN	90
		0.55	48	14	N/A	08S -0.73	BOBBIN	90
		0.33	84	9	N/A	07S +0.73	BOBBIN	90
		0.41	65	11	N/A	07S -0.77	BOBBIN	90
		0.53	36	13	N/A	04S -0.82	BOBBIN	90
		0.52	0	N/A	18	08S -0.72	RPC	90
		0.96	0	N/A	30	08S +0.69	RPC	90
		0.97	0	N/A	30	09S -0.75	RPC	90
7	33	0.21	156	6	N/A	02S +0.26	BOBBIN	91
7	42	0.24	63	7	N/A	09S -0.77	BOBBIN	92
		0.29	121	8	N/A	07S +0.67	BOBBIN	92
7	43	0.28	120	8	N/A	09S -0.78	BOBBIN	93
		0.34	121	10	N/A	08S -0.81	BOBBIN	93
		0.26	144	8	N/A	06S -0.76	BOBBIN	93
7	44	0.36	142	10	N/A	07S +0.68	BOBBIN	94
7	45	0.28	46	8	N/A	09S -0.80	BOBBIN	95
7	47	0.26	106	8	N/A	09S -0.82	BOBBIN	96
		0.28	85	9	N/A	07S +0.64	BOBBIN	96
		0.29	0	N/A	11	07S +0.69	RPC	96
7	52	0.19	119	5	N/A	10S +0.64	BOBBIN	97
		0.35	34	9	N/A	09S -0.79	BOBBIN	97
		0.44	43	11	N/A	13S -0.77	BOBBIN	97
		0.33	0	N/A	12	13S -0.75	RPC	97
7	53	0.43	115	13	N/A	13S -0.78	BOBBIN	98
8	4	0.76	152	15	N/A	10S -0.72	BOBBIN	99
8	7	0.59	125	12	N/A	08S -0.74	BOBBIN	100

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
8	10	0.61	129	10	N/A	08S +0.68	BOBBIN	101
8	13	0.43	134	9	N/A	06S -0.76	BOBBIN	102
		0.34	0	N/A	12	06S -0.72	RPC	102
8	15	0.43	103	9	N/A	07S +0.66	BOBBIN	103
8	16	0.29	120	5	N/A	09S -0.79	BOBBIN	104
		0.25	0	N/A	9	09S -0.76	RPC	104
8	17	0.41	0	N/A	14	08S -0.68	RPC	105
		0.59	146	12	N/A	09S -0.84	BOBBIN	105
		0.51	136	11	N/A	08S -0.84	BOBBIN	105
		0.45	137	9	N/A	06S -0.79	BOBBIN	105
8	18	0.3	102	5	N/A	07S +0.72	BOBBIN	106
		0.22	98	4	N/A	08S +0.63	BOBBIN	106
		0.23	0	N/A	8	08S +0.63	RPC	106
		0.37	0	N/A	13	07S +0.70	RPC	106
8	20	0.36	70	7	N/A	08S -0.70	BOBBIN	107
		0.24	74	4	N/A	08S +0.45	BOBBIN	107
		0.54	0	N/A	17	08S -0.68	RPC	107
		0.17	0	N/A	6	08S +0.45	RPC	107
8	22	0.37	65	7	N/A	08S +0.59	BOBBIN	108
		0.42	0	N/A	14	08S +0.67	RPC	108
8	24	0.25	126	5	N/A	09S -0.77	BOBBIN	109
8	31	0.36	33	11	N/A	07S +0.61	BOBBIN	110
8	34	0.2	63	6	N/A	09S -0.79	BOBBIN	111
8	36	0.2	58	6	N/A	09S -0.77	BOBBIN	112
8	39	0.24	122	7	N/A	09S -0.75	BOBBIN	113
8	43	0.26	120	8	N/A	09S -0.78	BOBBIN	114
8	46	0.33	38	9	N/A	09S -0.81	BOBBIN	115
		0.47	63	12	N/A	07S +0.66	BOBBIN	115
		0.32	66	9	N/A	07S -0.67	BOBBIN	115
8	49	0.49	36	14	N/A	08S +0.66	BOBBIN	116
		0.17	124	5	N/A	08S -0.76	BOBBIN	116
8	50	0.24	73	7	N/A	07S -0.41	BOBBIN	117
		0.23	0	N/A	8	07S -0.40	RPC	117
8	51	0.35	140	10	N/A	09S -0.76	BOBBIN	118
8	52	0.19	52	5	N/A	09S -0.77	BOBBIN	119
9	1	0.51	39	9	N/A	09S -0.82	BOBBIN	120
		0.87	170	14	N/A	12S -0.75	BOBBIN	120
9	2	0.3	71	7	N/A	12S +0.60	BOBBIN	121
9	4	0.32	94	8	N/A	09S -0.79	BOBBIN	122
9	5	0.51	91	12	N/A	07S -0.70	BOBBIN	123
		0.51	129	12	N/A	09S -0.86	BOBBIN	123
9	7	0.96	152	18	N/A	09S -0.84	BOBBIN	124
		0.29	0	N/A	11	09S -0.81	RPC	124
9	10	0.45	146	8	N/A	09S -0.79	BOBBIN	125
9	12	0.32	86	6	N/A	03S -0.79	BOBBIN	126

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.49	133	9	N/A	08S -0.77	BOBBIN	126
		0.22	0	N/A	8	03S -0.77	RPC	126
9	13	0.44	98	9	N/A	08S -0.77	BOBBIN	127
		0.43	59	9	N/A	06S -0.72	BOBBIN	127
9	16	0.28	100	6	N/A	06S -0.74	BOBBIN	128
		0.25	107	6	N/A	08S +0.47	BOBBIN	128
9	17	0.57	132	10	N/A	09S -0.81	BOBBIN	129
		0.32	104	6	N/A	07S +0.63	BOBBIN	129
		0.34	0	N/A	12	07S +0.63	RPC	129
9	18	0.56	124	11	N/A	08S -0.82	BOBBIN	130
9	21	0.32	85	6	N/A	08S +0.32	BOBBIN	131
9	27	0.23	111	4	N/A	09S -0.81	BOBBIN	132
9	38	0.23	122	7	N/A	09S -0.78	BOBBIN	133
9	46	0.29	125	9	N/A	07S -0.75	BOBBIN	134
9	49	0.27	41	7	N/A	09S -0.77	BOBBIN	135
9	51	0.2	54	6	N/A	09S -0.79	BOBBIN	136
9	52	0.33	130	10	N/A	09S -0.75	BOBBIN	137
		0.5	73	14	N/A	08S +0.68	BOBBIN	137
9	53	0.18	63	5	N/A	09S -0.75	BOBBIN	138
9	54	0.28	101	8	N/A	09S -0.80	BOBBIN	139
9	62	0.28	42	6	N/A	13S -0.77	BOBBIN	140
		0.26	0	N/A	8	13S -0.78	RPC	140
10	2	0.24	91	4	N/A	03S -0.77	BOBBIN	141
		0.39	23	7	N/A	09S -0.75	BOBBIN	141
10	6	0.49	135	7	N/A	12S -0.79	BOBBIN	142
10	7	0.46	55	11	N/A	14S -0.84	BOBBIN	143
10	8	0.38	110	7	N/A	09S -0.83	BOBBIN	144
		0.35	0	N/A	12	09S -0.77	RPC	144
10	16	0.32	59	6	N/A	06S +0.65	BOBBIN	145
10	18	0.28	105	5	N/A	06S +0.61	BOBBIN	146
		0.34	83	6	N/A	09S -0.77	BOBBIN	146
10	20	0.26	67	5	N/A	06S +0.67	BOBBIN	147
		0.24	0	N/A	8	06S +0.67	RPC	147
10	26	0.24	104	4	N/A	09S -0.79	BOBBIN	148
10	27	0.27	0	N/A	10	09S -0.79	RPC	149
		0.79	139	15	N/A	09S -0.79	BOBBIN	149
10	35	0.49	45	11	N/A	09S -0.77	BOBBIN	150
10	54	0.19	136	6	N/A	08S -0.78	BOBBIN	151
11	2	0.4	42	10	N/A	10S -0.86	BOBBIN	152
11	10	0.52	136	11	N/A	08S -0.81	BOBBIN	153
11	55	0.42	50	9	N/A	08S -0.71	BOBBIN	154
11	57	0.45	34	10	N/A	09S -0.77	BOBBIN	155
		0.32	82	8	N/A	08S +0.32	BOBBIN	155
11	59	0.59	74	13	N/A	09S +0.67	BOBBIN	156
11	68	0.24	98	5	N/A	13S -0.77	BOBBIN	157

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.24	83	5	N/A	07S -0.84	BOBBIN	157
		0.35	60	8	N/A	09S +0.57	BOBBIN	157
		0.22	0	N/A	7	09S +0.57	RPC	157
12	1	0.6	114	10	N/A	13S -0.84	BOBBIN	158
		0.42	88	8	N/A	08S -0.81	BOBBIN	158
		0.38	102	7	N/A	13S +0.57	BOBBIN	158
12	4	0.23	119	6	N/A	09S -0.83	BOBBIN	159
		0.23	87	6	N/A	13S -0.87	BOBBIN	159
12	6	0.48	49	11	N/A	09S -0.75	BOBBIN	160
12	7	0.24	68	4	N/A	09S -0.86	BOBBIN	161
		0.19	52	3	N/A	08S -0.88	BOBBIN	161
12	9	0.41	120	7	N/A	08S -0.82	BOBBIN	162
12	37	0.23	78	6	N/A	09S -0.75	BOBBIN	163
		0.21	91	6	N/A	07S -0.78	BOBBIN	163
12	40	0.44	44	10	N/A	07S -0.75	BOBBIN	164
12	59	0.34	31	9	N/A	09S -0.75	BOBBIN	165
12	66	0.31	95	9	N/A	10S -0.78	BOBBIN	166
		0.29	90	8	N/A	09S -0.81	BOBBIN	166
12	71	0.33	58	7	N/A	13S -0.75	BOBBIN	167
		0.48	0	N/A	14	13S -0.75	RPC	167
13	1	0.5	77	9	N/A	13S -0.84	BOBBIN	168
		0.29	57	5	N/A	08S -0.84	BOBBIN	168
13	2	0.35	0	N/A	10	13S -0.79	RPC	169
		0.33	44	8	N/A	13S -0.87	BOBBIN	169
13	3	0.37	92	7	N/A	13S -0.84	BOBBIN	170
		0.19	105	3	N/A	09S -0.84	BOBBIN	170
13	9	0.32	16	6	N/A	09S -0.84	BOBBIN	171
		0.44	78	8	N/A	08S -0.84	BOBBIN	171
13	10	0.3	61	8	N/A	03S -0.82	BOBBIN	172
13	20	0.71	98	12	N/A	07S -0.74	BOBBIN	173
13	22	0.63	93	10	N/A	07S -0.73	BOBBIN	174
13	27	0.25	55	5	N/A	03S -0.85	BOBBIN	175
13	36	0.34	133	7	N/A	08S -0.82	BOBBIN	176
13	43	0.72	89	17	N/A	09S -0.70	BOBBIN	177
13	70	0.22	103	4	N/A	09S -0.75	BOBBIN	178
13	72	0.24	38	5	N/A	09S -0.80	BOBBIN	179
13	73	0.52	31	14	N/A	09S -0.78	BOBBIN	180
		0.28	125	8	N/A	09S +0.63	BOBBIN	180
13	74	0.21	87	4	N/A	07S +0.71	BOBBIN	181
14	5	0.29	98	5	N/A	09S -0.82	BOBBIN	182
14	6	0.28	145	7	N/A	08S -0.87	BOBBIN	183
14	7	0.24	0	N/A	9	07S -0.68	RPC	184
		0.52	30	9	N/A	09S -0.84	BOBBIN	184
		0.31	5	5	N/A	07S -0.78	BOBBIN	184
14	10	0.23	137	6	N/A	08S -0.82	BOBBIN	185

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
14	13	0.36	151	7	N/A	09S -0.82	BOBBIN	186
		0.15	0	N/A	6	09S -0.80	RPC	186
14	25	0.16	105	3	N/A	07S -0.80	BOBBIN	187
		0.25	23	5	N/A	03S -0.77	BOBBIN	187
14	26	0.59	85	10	N/A	03S -0.77	BOBBIN	188
14	27	0.31	105	6	N/A	07S -0.77	BOBBIN	189
14	67	0.26	98	5	N/A	07S +0.68	BOBBIN	190
		0.33	97	7	N/A	09S -0.78	BOBBIN	190
		0.48	0	N/A	14	07S -0.69	RPC	190
		0.24	0	N/A	8	07S +0.71	RPC	190
14	70	0.26	143	8	N/A	09S -0.81	BOBBIN	191
		0.55	39	15	N/A	07S -0.73	BOBBIN	191
14	71	0.35	52	7	N/A	07S +0.66	BOBBIN	192
		0.3	0	N/A	9	07S +0.70	RPC	192
14	72	0.27	73	8	N/A	07S -0.75	BOBBIN	193
14	75	0.65	113	14	N/A	15S -0.84	BOBBIN	194
15	3	0.36	71	6	N/A	09S -0.84	BOBBIN	195
15	5	0.36	106	7	N/A	13S -0.84	BOBBIN	196
		0.29	81	5	N/A	08S -0.88	BOBBIN	196
15	6	0.19	112	5	N/A	07S -0.75	BOBBIN	197
15	7	0.47	29	8	N/A	09S -0.80	BOBBIN	198
15	8	0.39	26	9	N/A	09S -0.85	BOBBIN	199
15	10	0.33	55	8	N/A	08S -0.82	BOBBIN	200
15	12	0.46	0	N/A	13	10S -0.73	RPC	201
		0.39	45	10	N/A	10S -0.86	BOBBIN	201
15	32	0.32	82	5	N/A	07S -0.73	BOBBIN	202
15	35	0.41	98	8	N/A	09S -0.83	BOBBIN	203
15	64	0.45	62	10	N/A	09S -0.79	BOBBIN	204
15	69	0.55	103	15	N/A	07S +0.70	BOBBIN	205
15	70	0.52	99	11	N/A	07S +0.70	BOBBIN	206
15	73	0.24	62	7	N/A	09S -0.78	BOBBIN	207
15	75	0.98	127	23	N/A	10S -0.05	BOBBIN	208
		0.31	129	9	N/A	09S +0.63	BOBBIN	208
		0.43	56	12	N/A	09S -0.73	BOBBIN	208
		0.27	43	8	N/A	08S -0.70	BOBBIN	208
		0.63	22	16	N/A	07S -0.73	BOBBIN	208
		0.28	0	N/A	9	08S -0.72	RPC	208
16	1	0.32	108	6	N/A	13S -0.84	BOBBIN	209
16	6	0.37	45	7	N/A	09S -0.82	BOBBIN	210
16	10	0.39	36	7	N/A	09S -0.82	BOBBIN	211
16	32	0.25	42	5	N/A	03S -0.77	BOBBIN	212
16	34	0.18	19	4	N/A	03S -0.77	BOBBIN	213
16	36	0.11	130	2	N/A	07S -0.80	BOBBIN	214
16	38	0.66	91	11	N/A	07S -0.70	BOBBIN	215
16	74	0.21	156	6	N/A	09S -0.80	BOBBIN	216

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
16	76	0.58	78	15	N/A	07S -0.70	BOBBIN	217
16	77	0.24	123	5	N/A	07S -0.57	BOBBIN	218
		0.51	99	11	N/A	09S +0.62	BOBBIN	218
		0.18	57	3	N/A	08S -0.85	BOBBIN	218
16	80	0.37	83	10	N/A	09S -0.78	BOBBIN	219
17	5	0.39	39	7	N/A	09S -0.82	BOBBIN	220
17	7	0.26	30	5	N/A	09S -0.82	BOBBIN	221
17	28	0.38	72	8	N/A	07S -0.77	BOBBIN	222
17	45	0.47	118	12	N/A	09S -0.78	BOBBIN	223
17	59	0.5	57	13	N/A	12S -0.83	BOBBIN	224
17	65	0.35	85	9	N/A	09S -0.80	BOBBIN	225
17	74	0.75	85	16	N/A	07S -0.71	BOBBIN	226
		0.25	139	5	N/A	09S -0.77	BOBBIN	226
17	75	0.25	119	7	N/A	09S -0.80	BOBBIN	227
		0.38	54	11	N/A	07S +0.70	BOBBIN	227
		0.31	0	N/A	10	07S +0.68	RPC	227
17	76	0.29	85	6	N/A	09S -0.75	BOBBIN	228
17	77	0.25	99	7	N/A	09S -0.75	BOBBIN	229
17	78	0.43	109	9	N/A	09S +0.60	BOBBIN	230
17	82	0.29	84	6	N/A	09S -0.77	BOBBIN	231
		0.22	0	N/A	7	09S -0.70	RPC	231
18	4	0.36	34	7	N/A	09S -0.80	BOBBIN	232
18	8	0.67	68	12	N/A	09S +0.64	BOBBIN	233
18	9	0.13	119	3	N/A	09S -0.85	BOBBIN	234
18	14	0.34	108	6	N/A	08S -0.75	BOBBIN	235
18	17	0.33	89	8	N/A	03S -0.82	BOBBIN	236
18	21	0.56	126	11	N/A	03S -0.77	BOBBIN	237
18	30	0.21	127	5	N/A	09S -0.80	BOBBIN	238
18	32	0.27	110	6	N/A	10S -0.81	BOBBIN	239
18	39	0.21	137	5	N/A	09S -0.80	BOBBIN	240
18	43	0.43	44	10	N/A	07S -0.77	BOBBIN	241
18	47	0.25	55	6	N/A	06S -0.77	BOBBIN	242
18	75	0.34	92	7	N/A	09S -0.77	BOBBIN	243
		0.26	30	5	N/A	07S -0.73	BOBBIN	243
18	76	0.35	115	10	N/A	07S +0.63	BOBBIN	244
		0.25	112	7	N/A	07S -0.68	BOBBIN	244
18	77	0.45	118	10	N/A	08S +0.50	BOBBIN	245
		0.54	0	N/A	16	08S +0.48	RPC	245
18	79	0.33	95	7	N/A	09S -0.73	BOBBIN	246
		0.26	109	5	N/A	09S +0.62	BOBBIN	246
19	5	0.24	64	6	N/A	09S -0.77	BOBBIN	247
19	6	0.33	0	N/A	10	08S -0.79	RPC	248
		0.53	43	9	N/A	09S -0.82	BOBBIN	248
		0.31	106	6	N/A	08S -0.84	BOBBIN	248
19	7	0.27	74	7	N/A	08S -0.87	BOBBIN	249

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.26	65	6	N/A	09S -0.78	BOBBIN	249
19	8	0.25	70	4	N/A	08S -0.84	BOBBIN	250
19	9	0.23	72	6	N/A	08S -0.77	BOBBIN	251
19	10	0.56	0	N/A	16	08S -0.77	RPC	252
		0.57	138	10	N/A	08S -0.82	BOBBIN	252
19	11	0.11	99	3	N/A	08S -0.82	BOBBIN	253
19	18	0.33	144	7	N/A	03S -0.77	BOBBIN	254
19	19	0.48	93	11	N/A	07S -0.72	BOBBIN	255
19	21	0.26	71	6	N/A	07S -0.72	BOBBIN	256
19	28	0.57	111	11	N/A	07S -0.73	BOBBIN	257
19	30	0.58	84	14	N/A	07S -0.73	BOBBIN	258
19	32	0.38	71	8	N/A	07S -0.75	BOBBIN	259
		0.39	107	8	N/A	03S -0.68	BOBBIN	259
19	40	0.24	139	6	N/A	09S -0.85	BOBBIN	260
19	46	0.5	61	11	N/A	09S -0.81	BOBBIN	261
19	77	0.45	63	12	N/A	07S +0.58	BOBBIN	262
		0.56	0	N/A	16	07S +0.66	RPC	262
19	78	0.34	56	7	N/A	07S -0.75	BOBBIN	263
		0.33	112	7	N/A	07S +0.64	BOBBIN	263
		0.47	62	10	N/A	09S -0.80	BOBBIN	263
		0.33	0	N/A	10	07S +0.68	RPC	263
		0.31	0	N/A	10	07S -0.67	RPC	263
19	79	0.21	95	6	N/A	09S -0.78	BOBBIN	264
19	80	0.37	94	8	N/A	09S -0.77	BOBBIN	265
19	83	0.2	89	6	N/A	09S -0.80	BOBBIN	266
		0.23	0	N/A	7	09S -0.68	RPC	266
		0.25	0	N/A	7	09S +0.63	RPC	266
20	5	0.31	64	8	N/A	08S -0.85	BOBBIN	267
20	6	0.42	65	8	N/A	08S -0.86	BOBBIN	268
		0.29	36	5	N/A	09S -0.82	BOBBIN	268
20	9	0.45	84	11	N/A	08S -0.85	BOBBIN	269
20	10	0.61	41	11	N/A	08S -0.81	BOBBIN	270
20	74	0.49	28	13	N/A	09S -0.78	BOBBIN	271
		0.23	0	N/A	7	09S -0.74	RPC	271
20	75	0.27	92	6	N/A	09S -0.77	BOBBIN	272
20	77	0.38	98	8	N/A	07S +0.68	BOBBIN	273
		0.29	109	6	N/A	08S +0.64	BOBBIN	273
		0.25	102	5	N/A	09S -0.73	BOBBIN	273
		0.25	0	N/A	8	08S +0.69	RPC	273
		0.35	0	N/A	11	07S +0.72	RPC	273
20	85	0.29	143	6	N/A	09S -0.77	BOBBIN	274
21	1	0.29	50	8	N/A	12S -0.77	BOBBIN	275
21	4	0.47	46	11	N/A	08S -0.84	BOBBIN	276
21	10	0.24	81	6	N/A	08S -0.82	BOBBIN	277
21	11	0.49	42	12	N/A	08S -0.77	BOBBIN	278

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
21	37	0.27	103	6	N/A	09S -0.78	BOBBIN	279
21	38	0.9	112	16	N/A	09S -0.75	BOBBIN	280
21	40	0.59	89	11	N/A	09S -0.77	BOBBIN	281
		0.49	80	10	N/A	07S -0.73	BOBBIN	281
21	81	0.27	110	8	N/A	07S +0.53	BOBBIN	282
		0.53	95	14	N/A	07S -0.68	BOBBIN	282
21	82	0.32	111	7	N/A	07S +0.55	BOBBIN	283
		0.29	90	6	N/A	09S -0.75	BOBBIN	283
21	83	0.26	111	7	N/A	09S -0.75	BOBBIN	284
		0.23	0	N/A	7	09S -0.73	RPC	284
21	84	0.15	88	2	N/A	09S -0.75	BOBBIN	285
21	87	0.15	74	4	N/A	09S -0.80	BOBBIN	286
22	4	0.31	119	8	N/A	08S -0.78	BOBBIN	287
22	5	0.24	29	6	N/A	08S -0.82	BOBBIN	288
22	6	0.29	97	8	N/A	09S -0.81	BOBBIN	289
22	35	0.3	92	7	N/A	07S -0.75	BOBBIN	290
22	36	0.31	102	6	N/A	09S -0.77	BOBBIN	291
22	84	0.21	116	6	N/A	09S -0.78	BOBBIN	292
		0.24	111	7	N/A	07S +0.68	BOBBIN	292
22	85	0.26	99	6	N/A	08S +0.34	BOBBIN	293
22	93	0.33	109	7	N/A	09S -0.73	BOBBIN	294
23	5	0.51	58	13	N/A	08S -0.79	BOBBIN	295
23	7	0.35	48	9	N/A	09S -0.79	BOBBIN	296
		0.35	0	N/A	11	09S -0.77	RPC	296
23	9	0.25	94	7	N/A	09S -0.72	BOBBIN	297
		0.22	87	6	N/A	08S -0.72	BOBBIN	297
		0.29	0	N/A	9	09S +0.66	RPC	297
		0.34	0	N/A	10	09S -0.77	RPC	297
		0.26	0	N/A	10	08S -0.75	RPC	297
23	10	0.26	152	7	N/A	08S -0.75	BOBBIN	298
23	12	0.28	32	7	N/A	08S -0.80	BOBBIN	299
23	36	0.49	76	9	N/A	03S -0.70	BOBBIN	300
23	50	0.53	86	13	N/A	07S -0.70	BOBBIN	301
23	63	0.19	92	5	N/A	05S -0.72	BOBBIN	302
		0.25	125	7	N/A	03S -0.70	BOBBIN	302
23	83	0.36	62	10	N/A	09S -0.78	BOBBIN	303
23	85	0.19	105	6	N/A	09S -0.80	BOBBIN	304
23	86	0.23	101	5	N/A	09S -0.75	BOBBIN	305
		0.22	93	4	N/A	07S +0.75	BOBBIN	305
23	88	0.18	83	3	N/A	09S -0.77	BOBBIN	306
23	91	0.26	38	7	N/A	09S +0.63	BOBBIN	307
		0.24	64	7	N/A	09S -0.74	BOBBIN	307
24	4	0.3	128	7	N/A	08S -0.84	BOBBIN	308
24	9	0.5	88	13	N/A	09S +0.66	BOBBIN	309
		0.53	0	N/A	15	09S +0.73	RPC	309

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
24	43	0.34	131	7	N/A	03S -0.77	BOBBIN	310
24	58	0.11	90	3	N/A	06S -0.72	BOBBIN	311
24	87	0.27	84	6	N/A	09S -0.77	BOBBIN	312
		0.26	0	N/A	8	09S -0.75	RPC	312
24	88	0.25	106	7	N/A	09S -0.80	BOBBIN	313
		0.2	0	N/A	6	09S -0.75	RPC	313
24	89	0.31	127	7	N/A	07S +0.55	BOBBIN	314
		0.51	0	N/A	15	07S -0.68	RPC	314
		0.24	0	N/A	7	07S +0.53	RPC	314
24	92	0.35	51	10	N/A	08S -0.85	BOBBIN	315
		0.28	0	N/A	9	08S -0.74	RPC	315
24	93	0.31	111	7	N/A	09S -0.73	BOBBIN	316
		0.38	31	8	N/A	07S +0.66	BOBBIN	316
		0.25	0	N/A	8	07S +0.68	RPC	316
24	95	0.25	108	5	N/A	13S -0.80	BOBBIN	317
		0.25	122	5	N/A	07S -0.77	BOBBIN	317
25	4	0.29	83	9	N/A	08S -0.81	BOBBIN	318
25	8	0.2	141	5	N/A	09S +0.60	BOBBIN	319
25	10	1.14	97	23	N/A	09S +0.62	BOBBIN	320
		0.95	0	N/A	29	09S +0.62	RPC	320
25	14	0.21	118	4	N/A	08S -0.79	BOBBIN	321
25	38	0.8	92	15	N/A	09S -0.73	BOBBIN	322
25	39	0.43	87	10	N/A	03S -0.77	BOBBIN	323
25	86	0.36	106	8	N/A	09S -0.79	BOBBIN	324
25	88	0.29	94	6	N/A	09S -0.77	BOBBIN	325
		0.25	0	N/A	8	09S -0.72	RPC	325
25	91	0.25	116	7	N/A	09S -0.80	BOBBIN	326
		0.21	0	N/A	7	09S -0.75	RPC	326
25	92	0.36	101	8	N/A	07S +0.68	BOBBIN	327
25	98	0.2	0	N/A	7	09S -0.79	RPC	328
		0.31	131	7	N/A	09S -0.79	BOBBIN	328
26	5	0.3	144	8	N/A	09S -0.78	BOBBIN	329
26	7	0.24	94	7	N/A	08S -0.75	BOBBIN	330
		0.21	139	6	N/A	09S -0.83	BOBBIN	330
26	9	0.32	80	9	N/A	09S +0.61	BOBBIN	331
26	23	0.37	68	8	N/A	03S -0.85	BOBBIN	332
26	26	0.18	104	4	N/A	07S -0.82	BOBBIN	333
		0.19	123	4	N/A	03S -0.77	BOBBIN	333
26	93	0.16	104	4	N/A	08S +0.12	BOBBIN	334
		0.25	78	6	N/A	07S +0.65	BOBBIN	334
		0.28	0	N/A	9	07S +0.66	RPC	334
		0.3	0	N/A	9	07S -0.62	RPC	334
26	94	0.33	46	8	N/A	07S +0.66	BOBBIN	335
26	96	0.39	0	N/A	12	08S -0.69	RPC	336
		0.22	136	5	N/A	08S -0.73	BOBBIN	336

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
26	97	0.31	38	8	N/A	08S -0.72	BOBBIN	337
26	98	0.37	41	9	N/A	07S -0.77	BOBBIN	338
27	5	0.39	106	9	N/A	09S -0.79	BOBBIN	339
		0.26	116	6	N/A	09S +0.59	BOBBIN	339
27	6	0.27	100	8	N/A	08S -0.80	BOBBIN	340
		0.18	61	5	N/A	08S +0.57	BOBBIN	340
		0.26	50	7	N/A	07S +0.62	BOBBIN	340
27	9	0.32	83	9	N/A	08S -0.81	BOBBIN	341
27	10	0.34	132	10	N/A	08S -0.78	BOBBIN	342
27	21	0.73	20	16	N/A	09S -0.77	BOBBIN	343
		0.22	0	N/A	7	09S -0.79	RPC	343
27	32	0.39	83	9	N/A	05S -0.79	BOBBIN	344
27	40	0.26	123	6	N/A	03S -0.77	BOBBIN	345
27	42	0.25	113	6	N/A	03S -0.80	BOBBIN	346
27	45	0.34	111	7	N/A	03S -0.77	BOBBIN	347
27	94	0.89	0	N/A	24	08S +0.69	RPC	348
		0.69	90	17	N/A	09S +0.65	BOBBIN	348
		0.62	112	16	N/A	08S +0.75	BOBBIN	348
27	95	0.58	110	13	N/A	08S +0.61	BOBBIN	349
27	98	0.31	46	8	N/A	09S -0.70	BOBBIN	350
28	4	0.23	0	N/A	9	08S -0.75	RPC	351
		0.26	0	N/A	8	08S +0.63	RPC	351
		0.32	100	9	N/A	03S -0.72	BOBBIN	351
		0.26	106	7	N/A	08S +0.60	BOBBIN	351
28	5	0.33	105	7	N/A	07S -0.66	BOBBIN	352
28	6	0.24	74	7	N/A	09S -0.83	BOBBIN	353
28	13	0.34	65	8	N/A	05S -0.72	BOBBIN	354
28	30	0.26	85	5	N/A	03S -0.81	BOBBIN	355
28	38	0.38	52	8	N/A	09S -0.70	BOBBIN	356
28	44	0.38	75	8	N/A	07S -0.75	BOBBIN	357
		0.37	0	N/A	13	07S -0.74	RPC	357
28	94	0.4	0	N/A	11	09S -0.69	RPC	358
		0.48	78	13	N/A	08S +0.70	BOBBIN	358
		0.49	98	13	N/A	08S -0.68	BOBBIN	358
		0.18	84	4	N/A	09S -0.77	BOBBIN	358
28	96	0.42	0	N/A	13	08S -0.65	RPC	359
		0.4	143	11	N/A	07S -0.52	BOBBIN	359
		0.22	140	6	N/A	08S -0.66	BOBBIN	359
28	101	0.23	0	N/A	7	09S +0.66	RPC	360
		0.22	79	5	N/A	09S +0.64	BOBBIN	360
29	6	0.42	106	12	N/A	08S -0.75	BOBBIN	361
29	7	0.33	128	7	N/A	07S +0.70	BOBBIN	362
29	9	0.31	94	7	N/A	08S -0.82	BOBBIN	363
29	17	0.32	54	7	N/A	03S -0.80	BOBBIN	364
29	42	0.27	98	6	N/A	03S -0.80	BOBBIN	365

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
29	94	0.19	0	N/A	6	09S -0.74	RPC	366
		0.21	63	5	N/A	09S -0.80	BOBBIN	366
29	95	0.27	78	6	N/A	08S -0.77	BOBBIN	367
29	98	0.52	0	N/A	15	08S +0.66	RPC	368
		0.36	74	10	N/A	08S +0.62	BOBBIN	368
29	100	0.19	90	5	N/A	09S -0.70	BOBBIN	369
29	101	0.45	0	N/A	14	09S +0.67	RPC	370
		0.21	0	N/A	6	09S -0.67	RPC	370
		0.42	86	10	N/A	09S +0.57	BOBBIN	370
		0.23	59	5	N/A	09S -0.84	BOBBIN	370
29	103	0.2	0	N/A	7	13S -0.73	RPC	371
		0.2	0	N/A	7	10S +0.69	RPC	371
		0.31	139	8	N/A	13S -0.87	BOBBIN	371
		0.24	91	6	N/A	10S +0.69	BOBBIN	371
29	104	0.21	112	5	N/A	13S -0.82	BOBBIN	372
		0.21	0	N/A	7	13S -0.77	RPC	372
30	7	0.25	125	7	N/A	07S -0.80	BOBBIN	373
		0.22	119	6	N/A	08S -0.80	BOBBIN	373
30	9	0.18	45	5	N/A	08S -0.77	BOBBIN	374
30	11	0.19	114	5	N/A	08S -0.75	BOBBIN	375
30	14	0.54	23	12	N/A	09S -0.79	BOBBIN	376
30	37	0.14	182	3	N/A	09S -0.83	BOBBIN	377
30	41	0.35	92	8	N/A	03S -0.80	BOBBIN	378
30	100	0.34	67	9	N/A	07S +0.65	BOBBIN	379
31	5	0.44	39	12	N/A	03S -0.75	BOBBIN	380
31	6	0.37	47	8	N/A	09S -0.77	BOBBIN	381
		0.22	104	5	N/A	07S +0.73	BOBBIN	381
31	7	0.37	86	10	N/A	08S -0.73	BOBBIN	382
31	8	0.27	85	6	N/A	07S +0.68	BOBBIN	383
31	12	0.23	146	5	N/A	08S -0.77	BOBBIN	384
31	22	0.12	95	3	N/A	07S -0.77	BOBBIN	385
31	42	1.61	69	24	N/A	09S -0.70	BOBBIN	386
31	58	0.46	78	11	N/A	03S -0.77	BOBBIN	387
31	82	0.22	96	5	N/A	09S -0.82	BOBBIN	388
32	6	0.43	69	12	N/A	03S -0.75	BOBBIN	389
32	7	0.24	115	5	N/A	08S -0.79	BOBBIN	390
32	8	0.19	130	5	N/A	08S -0.77	BOBBIN	391
32	9	0.33	48	7	N/A	03S -0.71	BOBBIN	392
32	11	0.39	66	9	N/A	08S -0.79	BOBBIN	393
32	15	0.71	91	16	N/A	09S -0.77	BOBBIN	394
		0.39	57	9	N/A	03S -0.78	BOBBIN	395
32	25	0.47	17	11	N/A	09S -0.79	BOBBIN	395
		0.89	92	14	N/A	09S -0.77	BOBBIN	396
32	89	0.29	40	8	N/A	05S -0.77	BOBBIN	397
32	106	0.49	109	12	N/A	10S +0.19	BOBBIN	398

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
33	6	0.23	99	6	N/A	08S -0.70	BOBBIN	399
33	27	0.25	74	5	N/A	09S -0.82	BOBBIN	400
33	47	0.36	96	10	N/A	09S -0.67	BOBBIN	401
33	70	0.27	65	7	N/A	07S -0.79	BOBBIN	402
34	7	0.28	126	5	N/A	09S -0.79	BOBBIN	403
34	11	0.32	23	6	N/A	08S -0.79	BOBBIN	404
34	103	0.33	0	N/A	10	08S -0.72	RPC	405
		0.26	71	6	N/A	08S -0.71	BOBBIN	405
35	8	0.58	41	10	N/A	09S +0.62	BOBBIN	406
35	20	0.69	91	12	N/A	04S -0.77	BOBBIN	407
35	42	0.81	95	20	N/A	09S -0.70	BOBBIN	408
35	60	0.22	99	6	N/A	06S -0.79	BOBBIN	409
35	108	0.55	62	10	N/A	07S -0.72	BOBBIN	410
36	5	0.24	77	6	N/A	09S +0.69	BOBBIN	411
36	9	0.35	135	6	N/A	09S -0.80	BOBBIN	412
36	10	0.4	40	11	N/A	09S +0.61	BOBBIN	413
36	11	0.34	121	6	N/A	08S -0.79	BOBBIN	414
36	12	0.16	119	5	N/A	08S -0.72	BOBBIN	415
36	19	0.58	110	10	N/A	09S -0.77	BOBBIN	416
		0.58	147	10	N/A	03S -0.80	BOBBIN	416
36	36	0.34	118	10	N/A	07S -0.77	BOBBIN	417
36	42	0.43	0	N/A	15	03S -0.75	RPC	418
		1.65	139	12	N/A	03S -0.75	BOBBIN	418
36	47	0.94	94	22	N/A	07S -0.75	BOBBIN	419
36	57	0.37	94	9	N/A	09S -0.73	BOBBIN	420
36	64	0.21	71	6	N/A	03S -0.76	BOBBIN	421
36	92	0.31	81	9	N/A	03S -0.76	BOBBIN	422
37	3	0.34	0	N/A	10	09S +0.68	RPC	423
		0.29	94	8	N/A	09S +0.62	BOBBIN	423
37	6	0.45	96	11	N/A	05S -0.75	BOBBIN	424
37	8	0.51	121	9	N/A	07S +0.64	BOBBIN	425
37	12	0.48	115	9	N/A	09S -0.80	BOBBIN	426
		0.2	57	3	N/A	08S -0.75	BOBBIN	426
37	18	0.46	127	8	N/A	03S -0.71	BOBBIN	427
37	21	0.19	175	6	N/A	07S -0.75	BOBBIN	428
37	34	0.31	0	N/A	11	09S -0.71	RPC	429
		0.6	130	10	N/A	09S -0.77	BOBBIN	429
37	48	0.61	89	16	N/A	07S -0.72	BOBBIN	430
37	98	0.26	0	N/A	8	07S -0.73	RPC	431
		0.19	104	5	N/A	07S -0.75	BOBBIN	431
37	114	0.38	59	9	N/A	09S -0.79	BOBBIN	432
		0.23	71	6	N/A	05S -0.88	BOBBIN	432
38	4	0.27	102	7	N/A	09S +0.67	BOBBIN	433
38	8	0.38	78	7	N/A	08S -0.75	BOBBIN	434
38	10	0.36	105	6	N/A	09S +0.60	BOBBIN	435

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
38	11	0.35	61	10	N/A	08S -0.65	BOBBIN	436
38	27	0.45	150	8	N/A	03S -0.77	BOBBIN	437
38	38	0.34	100	10	N/A	09S -0.70	BOBBIN	438
38	45	0.38	123	7	N/A	07S -0.75	BOBBIN	439
38	62	0.42	96	8	N/A	03S -0.77	BOBBIN	440
38	70	0.64	94	13	N/A	03S -0.70	BOBBIN	441
38	75	0.27	108	8	N/A	07S -0.76	BOBBIN	442
39	3	0.39	0	N/A	11	09S +0.67	RPC	443
		0.34	61	9	N/A	09S +0.60	BOBBIN	443
39	5	0.39	0	N/A	11	09S +0.68	RPC	444
		0.26	130	7	N/A	09S +0.69	BOBBIN	444
39	7	0.24	107	7	N/A	09S +0.69	BOBBIN	445
39	8	0.48	121	11	N/A	07S +0.70	BOBBIN	446
39	9	0.34	121	6	N/A	07S +0.70	BOBBIN	447
39	11	0.41	41	7	N/A	09S +0.57	BOBBIN	448
39	34	0.82	98	13	N/A	09S -0.75	BOBBIN	449
39	49	0.61	85	10	N/A	03S -0.79	BOBBIN	450
39	61	0.42	72	8	N/A	09S -0.77	BOBBIN	451
39	116	0.48	56	11	N/A	09S -0.73	BOBBIN	452
40	5	0.34	110	9	N/A	09S +0.67	BOBBIN	453
40	6	0.35	113	8	N/A	09S -0.76	BOBBIN	454
40	8	0.37	95	9	N/A	07S +0.65	BOBBIN	455
40	9	0.27	74	8	N/A	07S +0.62	BOBBIN	456
40	25	0.24	67	7	N/A	10S +0.80	BOBBIN	457
40	35	0.43	67	12	N/A	02S -0.69	BOBBIN	458
40	49	0.43	93	12	N/A	07S -0.72	BOBBIN	459
40	52	0.9	100	15	N/A	07S -0.75	BOBBIN	460
40	117	0.22	96	5	N/A	13S -0.86	BOBBIN	461
41	4	0.37	72	9	N/A	09S +0.66	BOBBIN	462
41	7	0.33	94	9	N/A	07S +0.62	BOBBIN	463
41	8	0.29	149	7	N/A	07S +0.65	BOBBIN	464
41	11	0.37	64	6	N/A	08S -0.75	BOBBIN	465
41	38	0.83	116	20	N/A	09S -0.70	BOBBIN	466
41	56	0.43	55	8	N/A	03S -0.71	BOBBIN	467
42	7	0.23	67	7	N/A	07S +0.61	BOBBIN	468
		0.21	99	5	N/A	07S +0.60	BOBBIN	468
42	11	0.43	45	8	N/A	03S -0.69	BOBBIN	469
		0.29	24	5	N/A	09S +0.67	BOBBIN	469
42	28	0.25	87	7	N/A	09S -0.75	BOBBIN	470
42	46	0.77	131	13	N/A	09S -0.70	BOBBIN	471
		0.38	0	N/A	13	09S -0.76	RPC	471
42	69	0.8	87	16	N/A	03S -0.75	BOBBIN	472
42	113	0.44	51	11	N/A	09S -0.82	BOBBIN	473
42	115	0.33	0	N/A	10	06S +0.68	RPC	474
		0.24	121	6	N/A	06S +0.67	BOBBIN	474

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
42	117	0.3	0	N/A	9	13S -0.76	RPC	475
		0.35	127	9	N/A	13S -0.80	BOBBIN	475
43	3	0.38	68	10	N/A	09S +0.67	BOBBIN	476
43	4	0.26	57	6	N/A	05S +0.63	BOBBIN	477
43	6	0.32	81	8	N/A	07S +0.68	BOBBIN	478
43	7	0.48	33	12	N/A	09S -0.74	BOBBIN	479
		0.33	90	9	N/A	07S +0.63	BOBBIN	479
43	8	0.3	69	7	N/A	09S -0.76	BOBBIN	480
43	9	0.29	49	7	N/A	03S -0.80	BOBBIN	481
43	13	0.32	0	N/A	10	06S +0.34	RPC	482
		0.34	88	10	N/A	06S +0.35	BOBBIN	482
43	19	0.19	91	6	N/A	12S +0.80	BOBBIN	483
		0.28	142	8	N/A	09S -0.75	BOBBIN	483
43	26	0.29	66	5	N/A	07S -0.79	BOBBIN	484
43	44	0.51	60	14	N/A	03S -0.74	BOBBIN	485
43	116	0.5	37	12	N/A	03S -0.73	BOBBIN	486
44	1	0.27	120	7	N/A	12S -0.81	BOBBIN	487
44	7	0.31	199	8	N/A	07S +0.60	BOBBIN	488
44	8	0.43	51	11	N/A	09S -0.74	BOBBIN	489
		0.28	96	7	N/A	08S +0.65	BOBBIN	489
44	22	0.22	79	6	N/A	03S -0.74	BOBBIN	490
44	38	1.01	135	7	N/A	05S -0.73	BOBBIN	491
		0.46	0	N/A	16	05S -0.74	RPC	491
45	3	0.53	77	15	N/A	09S +0.67	BOBBIN	492
45	7	0.62	129	15	N/A	07S +0.65	BOBBIN	493
45	8	0.39	94	9	N/A	09S +0.56	BOBBIN	494
45	35	0.52	112	14	N/A	07S -0.77	BOBBIN	495
45	44	0.57	150	13	N/A	15S +0.59	BOBBIN	496
		0.32	0	N/A	11	15S +0.55	RPC	496
45	55	0.47	81	8	N/A	07S -0.77	BOBBIN	497
45	118	0.15	72	4	N/A	07S -0.79	BOBBIN	498
46	6	0.39	111	10	N/A	07S +0.68	BOBBIN	499
46	7	0.28	79	9	N/A	08S +0.55	BOBBIN	500
		0.34	93	11	N/A	09S +0.60	BOBBIN	500
		0.5	79	15	N/A	07S +0.60	BOBBIN	500
46	8	0.37	45	10	N/A	09S +0.62	BOBBIN	501
46	12	0.27	42	8	N/A	03S -0.75	BOBBIN	502
46	48	0.23	104	4	N/A	03S -0.77	BOBBIN	503
46	52	0.31	74	6	N/A	07S -0.79	BOBBIN	504
46	55	0.48	45	11	N/A	03S -0.77	BOBBIN	505
46	67	0.46	83	13	N/A	07S -0.74	BOBBIN	506
46	116	0.24	80	6	N/A	09S -0.83	BOBBIN	507
46	117	0.39	0	N/A	12	07S -0.70	RPC	508
		0.21	45	5	N/A	07S -0.75	BOBBIN	508
47	3	0.33	39	11	N/A	08S -0.83	BOBBIN	509

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
47	5	0.42	69	13	N/A	07S +0.58	BOBBIN	510
47	6	0.16	128	5	N/A	09S -0.82	BOBBIN	511
		0.45	103	11	N/A	07S +0.73	BOBBIN	511
47	7	0.32	84	10	N/A	08S +0.64	BOBBIN	512
		0.69	92	19	N/A	07S +0.64	BOBBIN	512
47	8	0.42	64	11	N/A	09S -0.70	BOBBIN	513
		0.37	81	10	N/A	07S +0.68	BOBBIN	513
47	10	0.18	149	5	N/A	09S -0.73	BOBBIN	514
47	38	0.39	79	9	N/A	05S -0.78	BOBBIN	515
47	53	0.52	58	9	N/A	07S -0.81	BOBBIN	516
47	78	0.22	74	4	N/A	06S +0.72	BOBBIN	517
48	7	0.34	123	9	N/A	09S -0.75	BOBBIN	518
		0.69	94	16	N/A	07S +0.72	BOBBIN	518
48	8	0.49	69	14	N/A	09S +0.58	BOBBIN	519
		0.37	72	11	N/A	07S +0.71	BOBBIN	519
48	9	0.49	54	12	N/A	09S +0.67	BOBBIN	520
		0.32	80	8	N/A	07S +0.66	BOBBIN	520
48	10	0.27	97	9	N/A	09S -0.80	BOBBIN	521
48	35	0.19	121	4	N/A	09S -0.77	BOBBIN	522
48	64	0.75	29	11	N/A	09S -0.77	BOBBIN	523
48	111	0.21	0	N/A	7	08S -0.72	RPC	524
		0.21	91	5	N/A	08S -0.78	BOBBIN	524
48	119	0.46	0	N/A	14	06S +0.58	RPC	525
		0.29	121	7	N/A	06S +0.66	BOBBIN	525
49	4	0.37	71	12	N/A	08S +0.67	BOBBIN	526
49	6	0.33	109	10	N/A	07S +0.69	BOBBIN	527
49	8	0.34	78	11	N/A	07S +0.67	BOBBIN	528
49	52	0.39	41	10	N/A	03S -0.75	BOBBIN	529
49	78	0.44	58	9	N/A	12S -0.48	BOBBIN	530
49	119	0.44	106	12	N/A	06S +0.71	BOBBIN	531
49	120	0.25	107	7	N/A	06S +0.69	BOBBIN	532
		0.13	72	4	N/A	06S -0.73	BOBBIN	532
		0.26	0	N/A	9	06S -0.73	RPC	532
		0.43	0	N/A	14	06S +0.69	RPC	532
49	121	0.24	79	7	N/A	09S -0.75	BOBBIN	533
50	1	0.43	51	13	N/A	04S +0.62	BOBBIN	534
50	3	0.32	109	10	N/A	09S -0.81	BOBBIN	535
50	4	0.47	93	14	N/A	09S +0.58	BOBBIN	536
50	6	0.4	74	12	N/A	09S +0.61	BOBBIN	537
		0.26	26	9	N/A	09S -0.86	BOBBIN	537
50	13	0.38	30	11	N/A	03S -0.75	BOBBIN	538
50	25	0.32	140	9	N/A	07S -0.77	BOBBIN	539
50	37	0.36	129	9	N/A	03S -0.78	BOBBIN	540
50	55	0.26	90	5	N/A	07S -0.70	BOBBIN	541
51	6	0.34	99	11	N/A	09S -0.79	BOBBIN	542

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
51	17	0.25	58	5	N/A	07S -0.77	BOBBIN	543
51	33	0.44	0	N/A	16	09S -0.63	RPC	544
		0.27	61	8	N/A	09S -0.72	BOBBIN	544
51	37	0.79	89	16	N/A	09S -0.75	BOBBIN	545
51	50	0.29	63	8	N/A	07S -0.75	BOBBIN	546
52	5	0.45	53	14	N/A	07S +0.62	BOBBIN	547
52	6	0.23	61	8	N/A	09S -0.76	BOBBIN	548
		0.65	76	18	N/A	07S +0.60	BOBBIN	548
52	7	0.22	0	N/A	7	09S -0.74	RPC	549
		0.39	0	N/A	12	09S +0.66	RPC	549
		0.44	117	13	N/A	07S +0.69	BOBBIN	549
		0.27	74	9	N/A	07S -0.65	BOBBIN	549
		0.33	97	10	N/A	09S +0.63	BOBBIN	549
52	8	0.44	65	13	N/A	07S +0.65	BOBBIN	550
52	28	0.32	86	9	N/A	07S -0.77	BOBBIN	551
52	30	0.52	118	14	N/A	10S -0.83	BOBBIN	552
52	46	0.43	72	10	N/A	07S -0.77	BOBBIN	553
52	68	0.37	96	10	N/A	03S -0.74	BOBBIN	554
		0.42	0	N/A	14	03S -0.76	RPC	554
53	7	0.44	62	13	N/A	09S +0.56	BOBBIN	555
53	26	0.29	56	6	N/A	03S -0.72	BOBBIN	556
53	32	0.32	69	7	N/A	07S -0.77	BOBBIN	557
53	36	0.4	62	11	N/A	09S -0.72	BOBBIN	558
53	57	0.26	77	7	N/A	07S -0.81	BOBBIN	559
53	59	0.3	82	8	N/A	07S -0.76	BOBBIN	560
53	123	0.25	86	7	N/A	08S -0.76	BOBBIN	561
53	124	0.36	77	9	N/A	09S -0.73	BOBBIN	562
54	6	0.57	89	16	N/A	07S +0.69	BOBBIN	563
54	7	0.4	54	12	N/A	07S +0.67	BOBBIN	564
54	28	0.21	9	6	N/A	05S -0.75	BOBBIN	565
54	58	0.39	86	8	N/A	09S -0.69	BOBBIN	566
54	114	0.28	97	8	N/A	07S -0.78	BOBBIN	567
54	121	0.45	68	12	N/A	07S -0.76	BOBBIN	568
54	124	0.47	80	12	N/A	09S -0.78	BOBBIN	569
55	30	0.53	0	N/A	18	09S -0.72	RPC	570
		0.38	43	11	N/A	09S -0.75	BOBBIN	570
55	87	0.21	75	5	N/A	11S +0.57	BOBBIN	571
56	4	0.36	119	11	N/A	08S +0.67	BOBBIN	572
56	21	0.19	134	6	N/A	05S -0.74	BOBBIN	573
56	39	0.81	78	17	N/A	07S -0.72	BOBBIN	574
56	45	0.27	138	6	N/A	07S -0.77	BOBBIN	575
56	72	0.32	70	8	N/A	03S -0.71	BOBBIN	576
		0.48	0	N/A	16	03S -0.71	RPC	576
56	78	0.38	64	10	N/A	01S -0.74	BOBBIN	577
56	111	0.24	73	5	N/A	07S -0.75	BOBBIN	578

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
56	122	0.51	84	13	N/A	07S -0.75	BOBBIN	579
56	124	0.25	84	7	N/A	05S -0.80	BOBBIN	580
56	127	0.32	60	8	N/A	07S -0.78	BOBBIN	581
57	39	0.48	81	13	N/A	07S -0.73	BOBBIN	582
57	122	0.38	75	10	N/A	07S -0.75	BOBBIN	583
57	126	0.48	88	13	N/A	07S -0.71	BOBBIN	584
58	6	0.42	0	N/A	12	09S +0.67	RPC	585
		0.33	103	8	N/A	09S +0.57	BOBBIN	585
58	8	0.15	87	4	N/A	03S -0.68	BOBBIN	586
58	18	0.31	22	9	N/A	07S -0.67	BOBBIN	587
58	39	0.28	139	8	N/A	03S -0.69	BOBBIN	588
58	49	0.34	48	10	N/A	11S +0.68	BOBBIN	589
		0.33	0	N/A	13	11S +0.69	RPC	589
58	71	0.29	76	7	N/A	07S -0.74	BOBBIN	590
58	78	0.51	81	13	N/A	07S -0.68	BOBBIN	591
58	86	0.29	89	7	N/A	07S -0.72	BOBBIN	592
58	101	0.19	77	6	N/A	07S -0.78	BOBBIN	593
58	124	0.22	126	7	N/A	08S -0.71	BOBBIN	594
58	125	0.35	80	9	N/A	08S -0.73	BOBBIN	595
		0.23	49	6	N/A	07S +0.67	BOBBIN	595
		0.39	40	10	N/A	07S -0.73	BOBBIN	595
		0.25	0	N/A	8	07S +0.69	RPC	595
		0.26	0	N/A	8	07S -0.71	RPC	595
58	126	0.36	0	N/A	11	07S +0.68	RPC	596
		0.34	57	10	N/A	07S +0.69	BOBBIN	596
58	127	0.31	93	8	N/A	08S -0.78	BOBBIN	597
		0.22	0	N/A	7	08S -0.67	RPC	597
59	1	0.65	99	18	N/A	09S -0.74	BOBBIN	598
59	5	0.49	42	15	N/A	09S -0.81	BOBBIN	599
59	7	0.25	73	8	N/A	07S +0.65	BOBBIN	600
59	45	0.33	107	10	N/A	07S -0.80	BOBBIN	601
59	56	0.48	82	9	N/A	07S -0.71	BOBBIN	602
59	113	0.5	95	13	N/A	07S -0.75	BOBBIN	603
59	114	0.43	0	N/A	13	05S +0.67	RPC	604
		0.23	86	6	N/A	05S +0.67	BOBBIN	604
59	118	0.35	81	9	N/A	07S -0.75	BOBBIN	605
59	121	0.25	66	7	N/A	09S -0.73	BOBBIN	606
59	122	0.82	100	18	N/A	09S -0.71	BOBBIN	607
		0.58	68	14	N/A	07S -0.75	BOBBIN	607
59	123	0.32	0	N/A	10	09S +0.69	RPC	608
		0.31	68	9	N/A	09S +0.66	BOBBIN	608
60	6	0.41	179	10	N/A	03S -0.70	BOBBIN	609
		0.27	0	N/A	8	04S -0.75	RPC	610
60	16	0.37	61	8	N/A	04S -0.88	BOBBIN	610
		0.38	66	11	N/A	07S -0.71	BOBBIN	611

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
60	52	0.3	46	6	N/A	07S -0.73	BOBBIN	612
60	70	0.2	95	5	N/A	05S +0.67	BOBBIN	613
60	117	0.53	81	13	N/A	07S -0.75	BOBBIN	614
60	119	1.13	90	23	N/A	07S -0.69	BOBBIN	615
60	120	0.33	69	9	N/A	03S -0.75	BOBBIN	616
60	124	0.34	56	10	N/A	07S -0.73	BOBBIN	617
60	125	0.31	0	N/A	10	07S +0.69	RPC	618
		0.22	0	N/A	7	07S -0.69	RPC	618
		0.18	100	5	N/A	07S -0.73	BOBBIN	618
60	126	0.26	94	8	N/A	09S -0.71	BOBBIN	619
60	127	0.36	0	N/A	11	09S -0.66	RPC	620
		0.34	54	9	N/A	08S -0.76	BOBBIN	620
		0.26	126	7	N/A	09S -0.73	BOBBIN	620
		0.46	38	12	N/A	07S -0.73	BOBBIN	620
61	1	0.37	126	12	N/A	09S -0.72	BOBBIN	621
61	27	0.39	46	8	N/A	09S -0.73	BOBBIN	622
61	28	0.23	62	7	N/A	07S -0.77	BOBBIN	623
61	42	0.62	86	14	N/A	07S -0.84	BOBBIN	624
61	44	0.41	32	9	N/A	03S -0.77	BOBBIN	625
61	50	0.31	74	9	N/A	07S -0.76	BOBBIN	626
61	68	0.18	127	6	N/A	05S +0.64	BOBBIN	627
61	124	0.23	110	6	N/A	09S +0.67	BOBBIN	628
62	4	0.27	137	7	N/A	09S +0.62	BOBBIN	629
62	6	0.27	79	7	N/A	07S +0.68	BOBBIN	630
62	13	0.51	90	15	N/A	03S -0.80	BOBBIN	631
62	56	0.16	52	3	N/A	07S -0.71	BOBBIN	632
62	58	0.19	67	4	N/A	09S +0.79	BOBBIN	633
62	83	0.4	44	8	N/A	02S +0.75	BOBBIN	634
62	103	0.31	101	8	N/A	07S -0.77	BOBBIN	635
62	115	0.34	77	9	N/A	14S -0.80	BOBBIN	636
62	122	0.3	66	9	N/A	05S +0.66	BOBBIN	637
62	127	0.22	55	6	N/A	08S -0.76	BOBBIN	638
63	1	0.32	101	10	N/A	12S -0.83	BOBBIN	639
63	7	0.3	56	10	N/A	08S -0.74	BOBBIN	640
63	12	0.56	10	13	N/A	04S +0.75	BOBBIN	641
63	19	0.25	51	8	N/A	03S -0.80	BOBBIN	642
63	25	0.16	86	5	N/A	05S -0.75	BOBBIN	643
63	69	1.17	0	N/A	34	07S -0.71	RPC	644
		1.23	94	23	N/A	07S -0.74	BOBBIN	644
63	71	0.22	84	5	N/A	07S -0.34	BOBBIN	645
63	113	0.3	87	6	N/A	04S +0.68	BOBBIN	646
63	117	0.34	107	10	N/A	05S +0.76	BOBBIN	647
63	124	0.19	75	5	N/A	04S +0.71	BOBBIN	648
63	125	0.31	79	9	N/A	08S -0.64	BOBBIN	649
		0.27	97	8	N/A	07S +0.71	BOBBIN	649

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
64	4	0.36	77	11	N/A	09S +0.56	BOBBIN	650
64	5	0.52	170	12	N/A	09S -0.75	BOBBIN	651
64	8	0.31	60	10	N/A	09S +0.68	BOBBIN	652
64	34	0.43	37	9	N/A	04S +0.70	BOBBIN	653
		0.36	56	8	N/A	05S -0.79	BOBBIN	653
64	68	0.58	96	10	N/A	07S -0.69	BOBBIN	654
64	77	0.4	98	11	N/A	07S -0.77	BOBBIN	655
64	105	0.24	103	6	N/A	14S -0.84	BOBBIN	656
64	121	0.51	89	13	N/A	04S +0.69	BOBBIN	657
65	1	0.3	98	7	N/A	14S -0.77	BOBBIN	658
65	8	0.39	21	10	N/A	03S -0.75	BOBBIN	659
65	50	0.43	45	10	N/A	07S -0.75	BOBBIN	660
65	52	0.31	0	N/A	12	06S +0.68	RPC	661
		0.33	240	8	N/A	06S +0.70	BOBBIN	661
		0.33	62	8	N/A	09S -0.70	BOBBIN	661
65	71	0.3	62	6	N/A	09S -0.76	BOBBIN	662
		0.42	45	8	N/A	07S -0.68	BOBBIN	662
65	112	0.46	88	11	N/A	04S +0.64	BOBBIN	663
65	113	0.48	68	12	N/A	04S +0.75	BOBBIN	664
65	115	0.51	86	13	N/A	04S +0.71	BOBBIN	665
65	116	0.26	110	7	N/A	05S +0.62	BOBBIN	666
65	119	1.02	99	22	N/A	05S +0.66	BOBBIN	667
		0.69	0	N/A	23	05S +0.70	RPC	667
65	121	0.57	95	14	N/A	05S +0.66	BOBBIN	668
65	122	0.71	84	16	N/A	05S +0.71	BOBBIN	669
65	125	0.28	63	7	N/A	04S +0.75	BOBBIN	670
65	127	0.37	95	10	N/A	09S -0.69	BOBBIN	671
		0.31	84	9	N/A	07S +0.71	BOBBIN	671
		0.28	51	8	N/A	07S -0.71	BOBBIN	671
66	1	0.61	41	14	N/A	13S +0.53	BOBBIN	672
66	4	0.38	41	9	N/A	09S +0.65	BOBBIN	673
66	5	0.38	70	9	N/A	09S -0.79	BOBBIN	674
66	37	0.67	90	13	N/A	09S -0.71	BOBBIN	675
66	57	0.17	61	3	N/A	07S -0.71	BOBBIN	676
66	58	0.41	94	11	N/A	07S -0.69	BOBBIN	677
66	67	0.26	0	N/A	10	07S -0.75	RPC	678
		0.22	120	8	N/A	07S -0.70	BOBBIN	678
66	72	0.26	139	6	N/A	07S -0.69	BOBBIN	679
66	91	0.19	0	N/A	7	03S -0.66	RPC	680
		0.4	104	11	N/A	03S +0.84	BOBBIN	680
		0.29	251	8	N/A	03S -0.69	BOBBIN	680
66	106	0.51	100	12	N/A	07S -0.79	BOBBIN	681
66	111	0.5	80	13	N/A	05S +0.69	BOBBIN	682
66	112	0.25	86	6	N/A	05S +0.62	BOBBIN	683
66	126	0.82	91	18	N/A	04S +0.60	BOBBIN	684

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
67	5	0.48	85	12	N/A	09S -0.76	BOBBIN	685
67	26	0.38	22	11	N/A	09S +0.83	BOBBIN	686
67	33	0.6	123	16	N/A	07S -0.75	BOBBIN	687
67	38	0.33	26	9	N/A	09S +0.78	BOBBIN	688
67	40	0.43	43	12	N/A	09S +0.74	BOBBIN	689
67	42	0.49	62	13	N/A	09S +0.77	BOBBIN	690
67	44	0.25	82	7	N/A	09S -0.61	BOBBIN	691
		0.36	0	N/A	11	09S -0.66	RPC	691
67	47	0.33	97	8	N/A	09S +0.76	BOBBIN	692
67	49	0.3	119	7	N/A	09S -0.68	BOBBIN	693
67	50	0.34	121	10	N/A	09S -0.61	BOBBIN	694
		0.41	0	N/A	15	09S -0.64	RPC	694
		0.2	0	N/A	8	09S +0.62	RPC	694
67	51	0.35	0	N/A	12	09S -0.63	RPC	695
		0.3	0	N/A	12	09S +0.74	RPC	695
		0.3	113	7	N/A	09S -0.70	BOBBIN	695
67	52	0.8	68	17	N/A	07S -0.68	BOBBIN	696
67	54	0.17	82	3	N/A	09S -0.64	BOBBIN	697
67	55	0.62	56	12	N/A	09S +0.74	BOBBIN	698
67	59	0.33	75	7	N/A	09S +0.74	BOBBIN	699
67	62	0.22	105	6	N/A	09S +0.71	BOBBIN	700
67	64	0.2	134	6	N/A	09S +0.76	BOBBIN	701
67	70	0.18	97	4	N/A	03S -0.70	BOBBIN	702
67	71	0.32	0	N/A	12	08S -0.71	RPC	703
		0.2	69	8	N/A	08S -0.70	BOBBIN	703
67	112	0.45	85	14	N/A	05S +0.85	BOBBIN	704
		0.44	86	14	N/A	04S +0.66	BOBBIN	704
67	113	0.29	83	7	N/A	04S +0.69	BOBBIN	705
67	123	0.26	63	7	N/A	08S -0.73	BOBBIN	706
67	125	0.41	77	11	N/A	07S -0.71	BOBBIN	707
67	126	0.76	92	17	N/A	09S +0.63	BOBBIN	708
		0.39	111	10	N/A	07S -0.77	BOBBIN	708
68	3	0.6	0	N/A	17	11S -0.68	RPC	709
		0.35	131	9	N/A	11S -0.73	BOBBIN	709
68	5	0.5	0	N/A	15	09S +0.69	RPC	710
		0.41	103	10	N/A	09S +0.64	BOBBIN	710
68	21	0.51	0	N/A	18	08S -0.72	RPC	711
		0.65	100	17	N/A	08S -0.77	BOBBIN	711
68	30	0.5	145	9	N/A	07S -0.79	BOBBIN	712
68	33	0.51	59	13	N/A	07S -0.77	BOBBIN	713
68	38	0.24	50	7	N/A	09S +0.63	BOBBIN	714
68	41	0.46	36	13	N/A	12S -0.73	BOBBIN	715
		0.29	0	N/A	9	12S -0.75	RPC	715
68	42	0.59	79	15	N/A	09S +0.72	BOBBIN	716
68	43	0.54	0	N/A	15	09S -0.65	RPC	717

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.3	0	N/A	9	09S +0.62	RPC	717
		0.75	20	16	N/A	09S -0.66	BOBBIN	717
68	44	0.25	119	8	N/A	09S -0.63	BOBBIN	718
		0.45	0	N/A	15	09S -0.63	RPC	718
		0.55	0	N/A	19	09S +0.75	RPC	718
68	45	0.48	0	N/A	16	09S -0.73	RPC	719
		0.67	0	N/A	21	09S +0.73	RPC	719
		0.7	0	N/A	22	05S +0.75	RPC	719
		0.74	82	16	N/A	09S +0.66	BOBBIN	719
		0.34	73	8	N/A	09S -0.63	BOBBIN	719
		0.38	33	9	N/A	05S +0.64	BOBBIN	719
68	47	0.46	114	12	N/A	09S +0.74	BOBBIN	720
68	48	0.67	72	17	N/A	09S +0.72	BOBBIN	721
68	49	0.54	102	12	N/A	09S +0.69	BOBBIN	722
68	50	0.52	115	14	N/A	09S +0.77	BOBBIN	723
		0.34	125	10	N/A	09S -0.71	BOBBIN	723
		0.29	129	9	N/A	07S -0.76	BOBBIN	723
68	51	0.48	88	11	N/A	09S -0.66	BOBBIN	724
		0.58	64	13	N/A	09S +0.71	BOBBIN	724
68	52	0.38	97	11	N/A	09S +0.66	BOBBIN	725
		0.46	92	13	N/A	09S -0.68	BOBBIN	725
68	53	0.46	76	9	N/A	09S +0.76	BOBBIN	726
		0.29	56	6	N/A	09S -0.65	BOBBIN	726
68	54	0.51	100	14	N/A	07S -0.71	BOBBIN	727
68	56	0.37	112	11	N/A	09S +0.74	BOBBIN	728
68	57	0.24	0	N/A	8	09S -0.63	RPC	729
		0.38	0	N/A	12	09S +0.70	RPC	729
		0.29	91	6	N/A	09S +0.72	BOBBIN	729
		0.19	142	4	N/A	09S -0.65	BOBBIN	729
68	58	0.19	137	6	N/A	09S +0.76	BOBBIN	730
68	59	0.37	87	7	N/A	09S +0.74	BOBBIN	731
		0.38	80	7	N/A	09S -0.67	BOBBIN	731
		0.28	56	6	N/A	07S -0.73	BOBBIN	731
68	60	0.28	113	8	N/A	09S +0.74	BOBBIN	732
		0.28	75	8	N/A	09S -0.64	BOBBIN	732
68	61	0.36	97	7	N/A	09S +0.74	BOBBIN	733
68	62	0.32	112	9	N/A	09S +0.73	BOBBIN	734
		0.23	79	7	N/A	09S -0.62	BOBBIN	734
68	63	0.2	85	4	N/A	09S +0.76	BOBBIN	735
68	64	0.41	111	11	N/A	09S +0.74	BOBBIN	736
68	67	0.3	124	11	N/A	03S -0.82	BOBBIN	737
68	69	0.19	91	7	N/A	07S -0.77	BOBBIN	738
68	70	0.33	75	7	N/A	09S -0.66	BOBBIN	739
		0.24	0	N/A	9	09S -0.62	RPC	739
68	102	0.17	65	6	N/A	07S -0.75	BOBBIN	740

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
68	111	0.29	85	7	N/A	04S +0.73	BOBBIN	741
68	125	0.52	98	13	N/A	05S -0.59	BOBBIN	742
68	127	0.27	137	8	N/A	07S -0.43	BOBBIN	743
68	129	0.31	83	9	N/A	09S -0.75	BOBBIN	744
		0.19	2	6	N/A	09S +0.71	BOBBIN	744
69	8	0.46	86	11	N/A	12S -0.81	BOBBIN	745
69	14	0.41	161	10	N/A	03S -0.78	BOBBIN	746
69	15	0.36	119	9	N/A	04S +0.70	BOBBIN	747
69	17	0.47	50	11	N/A	03S -0.80	BOBBIN	748
		0.14	92	4	N/A	03S +0.75	BOBBIN	748
69	40	0.55	0	N/A	16	09S +0.66	RPC	749
		0.3	0	N/A	9	09S -0.66	RPC	749
		0.25	77	6	N/A	09S -0.70	BOBBIN	749
		0.22	88	6	N/A	09S +0.71	BOBBIN	749
69	42	0.32	37	9	N/A	11S +0.86	BOBBIN	750
69	43	0.33	0	N/A	13	09S +0.69	RPC	751
		0.38	0	N/A	14	09S -0.57	RPC	751
		0.26	86	6	N/A	09S +0.65	BOBBIN	751
69	44	0.65	33	17	N/A	09S +0.69	BOBBIN	752
69	45	0.68	97	15	N/A	09S +0.74	BOBBIN	753
69	46	0.64	117	16	N/A	09S +0.74	BOBBIN	754
		0.29	103	8	N/A	07S -0.76	BOBBIN	754
69	47	0.8	0	N/A	26	09S +0.67	RPC	755
		0.34	0	N/A	13	09S -0.53	RPC	755
		0.71	93	16	N/A	09S +0.67	BOBBIN	755
		0.28	118	7	N/A	09S -0.77	BOBBIN	755
69	48	0.54	73	14	N/A	09S +0.74	BOBBIN	756
		0.2	97	6	N/A	09S -0.58	BOBBIN	756
69	49	0.41	45	10	N/A	05S +0.75	BOBBIN	757
		0.77	89	16	N/A	09S +0.67	BOBBIN	757
		0.86	50	18	N/A	09S -0.68	BOBBIN	757
69	50	0.41	84	11	N/A	09S +0.72	BOBBIN	758
		0.39	73	11	N/A	09S -0.61	BOBBIN	758
69	51	0.79	77	17	N/A	09S +0.69	BOBBIN	759
		0.32	89	8	N/A	09S -0.66	BOBBIN	759
69	52	0.52	58	14	N/A	09S +0.79	BOBBIN	760
		0.4	60	11	N/A	09S -0.61	BOBBIN	760
69	53	0.35	0	N/A	13	10S -0.67	RPC	761
		0.45	0	N/A	16	09S +0.61	RPC	761
		0.38	0	N/A	14	09S -0.65	RPC	761
		0.35	128	8	N/A	10S -0.78	BOBBIN	761
		0.3	136	7	N/A	09S -0.64	BOBBIN	761
		0.47	79	11	N/A	09S +0.74	BOBBIN	761
69	54	0.41	120	8	N/A	09S +0.68	BOBBIN	762
		1.03	71	18	N/A	09S -0.67	BOBBIN	762

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
69	55	0.48	76	9	N/A	09S +0.74	BOBBIN	763
		0.37	119	7	N/A	09S -0.67	BOBBIN	763
		0.23	43	5	N/A	04S +0.73	BOBBIN	763
69	56	0.84	92	20	N/A	09S -0.64	BOBBIN	764
		0.73	94	18	N/A	07S -0.66	BOBBIN	764
69	57	0.26	128	8	N/A	09S +0.82	BOBBIN	765
		0.18	112	5	N/A	09S +0.58	BOBBIN	765
		0.19	91	4	N/A	09S +0.81	BOBBIN	765
69	58	0.53	107	14	N/A	09S +0.74	BOBBIN	766
		0.25	90	7	N/A	09S -0.64	BOBBIN	766
69	59	1.03	80	18	N/A	09S +0.74	BOBBIN	767
		0.36	89	7	N/A	09S -0.61	BOBBIN	767
69	60	0.62	95	16	N/A	09S +0.74	BOBBIN	768
		0.38	81	11	N/A	09S -0.58	BOBBIN	768
69	61	0.29	84	6	N/A	09S +0.76	BOBBIN	769
69	62	0.35	116	10	N/A	09S +0.76	BOBBIN	770
		0.18	131	5	N/A	09S -0.69	BOBBIN	770
69	63	0.29	118	8	N/A	09S +0.73	BOBBIN	771
		0.24	94	5	N/A	09S +0.74	BOBBIN	771
69	64	0.25	124	7	N/A	09S +0.76	BOBBIN	772
		0.11	81	3	N/A	04S +0.75	BOBBIN	772
69	69	0.21	100	8	N/A	06S +0.66	BOBBIN	773
69	70	0.17	41	4	N/A	06S +0.71	BOBBIN	774
		0.19	100	4	N/A	04S +0.66	BOBBIN	774
69	72	0.31	127	11	N/A	11S -0.61	BOBBIN	775
		0.19	125	7	N/A	08S -0.70	BOBBIN	775
		0.27	85	10	N/A	07S +0.66	BOBBIN	775
69	111	0.27	102	6	N/A	05S +0.69	BOBBIN	776
69	116	0.33	134	9	N/A	05S +0.61	BOBBIN	777
69	126	0.41	99	10	N/A	09S -0.65	BOBBIN	778
		0.41	91	10	N/A	04S +0.71	BOBBIN	778
		0.18	118	5	N/A	09S +0.52	BOBBIN	778
69	128	0.41	130	10	N/A	07S -0.60	BOBBIN	779
70	6	0.24	72	5	N/A	07S -0.76	BOBBIN	780
70	38	0.34	80	8	N/A	09S -0.64	BOBBIN	781
70	47	0.59	81	13	N/A	09S +0.63	BOBBIN	782
		0.3	152	7	N/A	09S -0.67	BOBBIN	782
70	48	0.77	42	15	N/A	09S -0.68	BOBBIN	783
70	50	0.48	45	10	N/A	09S +0.66	BOBBIN	784
70	52	0.4	106	9	N/A	09S -0.68	BOBBIN	785
		0.57	85	12	N/A	09S +0.67	BOBBIN	785
70	53	0.59	27	13	N/A	09S +0.68	BOBBIN	786
		0.68	80	15	N/A	09S -0.67	BOBBIN	786
70	54	0.5	71	11	N/A	09S -0.70	BOBBIN	787
70	56	0.3	0	N/A	10	09S -0.66	RPC	788

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.24	75	6	N/A	09S -0.66	BOBBIN	788
70	58	0.42	81	9	N/A	09S -0.70	BOBBIN	789
		0.34	114	8	N/A	09S +0.73	BOBBIN	789
70	59	0.81	92	17	N/A	09S +0.69	BOBBIN	790
		0.41	70	9	N/A	09S -0.61	BOBBIN	790
70	60	0.29	86	9	N/A	09S +0.71	BOBBIN	791
70	61	0.87	103	17	N/A	09S +0.68	BOBBIN	792
		0.44	96	10	N/A	09S -0.61	BOBBIN	792
		0.16	99	4	N/A	07S -0.70	BOBBIN	792
70	62	0.51	88	15	N/A	09S +0.74	BOBBIN	793
70	63	0.29	127	7	N/A	09S +0.66	BOBBIN	794
		0.22	65	5	N/A	09S -0.68	BOBBIN	794
70	68	0.62	96	19	N/A	07S -0.75	BOBBIN	795
		0.16	92	6	N/A	04S +0.73	BOBBIN	795
70	70	0.15	120	6	N/A	09S -0.75	BOBBIN	796
70	71	0.28	73	6	N/A	09S -0.71	BOBBIN	797
		0.26	0	N/A	10	09S -0.72	RPC	797
70	110	0.3	74	7	N/A	04S +0.73	BOBBIN	798
70	111	0.36	42	12	N/A	05S +0.73	BOBBIN	799
		0.51	103	16	N/A	04S +0.71	BOBBIN	799
70	128	0.47	110	12	N/A	09S +0.71	BOBBIN	800
71	6	0.14	118	3	N/A	03S -0.73	BOBBIN	801
71	26	0.28	91	7	N/A	07S +0.69	BOBBIN	802
71	38	0.81	89	16	N/A	07S -0.72	BOBBIN	803
71	42	0.35	53	8	N/A	09S +0.71	BOBBIN	804
71	43	0.22	0	N/A	8	06S +0.70	RPC	805
		0.83	69	17	N/A	09S +0.61	BOBBIN	805
		0.42	44	10	N/A	06S +0.67	BOBBIN	805
71	46	0.74	168	15	N/A	09S +0.69	BOBBIN	806
71	48	0.3	60	7	N/A	09S -0.73	BOBBIN	807
		0.29	72	6	N/A	09S +0.71	BOBBIN	807
		0.32	0	N/A	11	09S -0.70	RPC	807
		0.43	0	N/A	14	09S +0.66	RPC	807
71	49	0.59	67	13	N/A	09S +0.65	BOBBIN	808
71	50	0.49	55	11	N/A	09S -0.66	BOBBIN	809
71	51	0.72	86	15	N/A	09S +0.68	BOBBIN	810
		0.48	40	11	N/A	03S -0.78	BOBBIN	810
71	54	0.32	110	7	N/A	09S +0.75	BOBBIN	811
71	55	0.21	0	N/A	7	09S +0.74	RPC	812
		0.33	0	N/A	11	09S -0.75	RPC	812
		0.23	0	N/A	8	07S +0.64	RPC	812
		0.61	0	N/A	18	07S -0.74	RPC	812
		1.02	51	20	N/A	07S -0.72	BOBBIN	812
		0.57	33	13	N/A	07S +0.62	BOBBIN	812
		0.56	124	13	N/A	09S -0.75	BOBBIN	812

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.64	43	14	N/A	09S +0.70	BOBBIN	812
71	56	0.23	0	N/A	8	09S +0.63	RPC	813
		0.37	0	N/A	12	09S -0.74	RPC	813
		0.29	59	7	N/A	09S -0.70	BOBBIN	813
71	57	0.35	63	8	N/A	09S +0.81	BOBBIN	814
71	58	0.19	0	N/A	7	09S -0.63	RPC	815
		0.2	0	N/A	7	09S +0.70	RPC	815
		0.21	100	5	N/A	09S -0.64	BOBBIN	815
		0.21	123	5	N/A	09S +0.66	BOBBIN	815
71	59	0.42	100	10	N/A	09S +0.64	BOBBIN	816
71	60	0.29	95	7	N/A	09S -0.66	BOBBIN	817
71	61	0.2	84	7	N/A	09S +0.71	BOBBIN	818
71	62	0.42	94	13	N/A	09S +0.74	BOBBIN	819
71	63	0.23	116	5	N/A	09S +0.75	BOBBIN	820
71	71	0.32	94	7	N/A	08S -0.71	BOBBIN	821
71	76	0.27	0	N/A	10	07S +0.66	RPC	822
		0.22	110	8	N/A	07S +0.75	BOBBIN	822
71	82	0.24	45	7	N/A	07S -0.77	BOBBIN	823
71	86	0.2	53	6	N/A	04S +0.73	BOBBIN	824
71	90	0.39	116	10	N/A	02S +0.79	BOBBIN	825
71	111	0.25	89	9	N/A	05S +0.71	BOBBIN	826
72	2	0.28	103	7	N/A	13S -0.72	BOBBIN	827
72	39	0.49	77	11	N/A	12S +0.73	BOBBIN	828
72	41	0.31	69	7	N/A	09S +0.67	BOBBIN	829
72	43	0.33	64	7	N/A	09S +0.71	BOBBIN	830
72	46	0.27	0	N/A	9	09S +0.74	RPC	831
		0.77	56	16	N/A	07S -0.81	BOBBIN	831
		0.4	104	9	N/A	09S +0.63	BOBBIN	831
72	50	0.38	104	8	N/A	07S -0.77	BOBBIN	832
		0.45	19	10	N/A	09S +0.73	BOBBIN	832
72	51	0.36	0	N/A	11	09S +0.55	RPC	833
		0.3	0	N/A	10	09S -0.74	RPC	833
		0.48	100	11	N/A	09S +0.63	BOBBIN	833
		0.56	32	13	N/A	09S -0.69	BOBBIN	833
72	53	0.56	50	16	N/A	09S +0.62	BOBBIN	834
72	54	0.6	128	13	N/A	09S +0.71	BOBBIN	835
		0.58	55	12	N/A	09S -0.66	BOBBIN	835
72	57	0.33	81	11	N/A	07S -0.76	BOBBIN	836
		0.41	97	12	N/A	09S -0.74	BOBBIN	836
		0.25	106	8	N/A	09S +0.65	BOBBIN	836
72	58	0.51	96	11	N/A	09S +0.73	BOBBIN	837
		0.24	115	5	N/A	09S -0.64	BOBBIN	837
72	61	0.52	0	N/A	16	09S +0.69	RPC	838
		0.25	93	8	N/A	09S +0.71	BOBBIN	838
72	64	0.35	132	12	N/A	10S -0.78	BOBBIN	839

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
72	65	0.43	130	9	N/A	07S -0.71	BOBBIN	840
72	67	0.31	78	7	N/A	03S -0.77	BOBBIN	841
72	80	0.28	49	8	N/A	09S +0.85	BOBBIN	842
72	107	0.25	87	6	N/A	04S +0.73	BOBBIN	843
72	129	0.31	47	8	N/A	10S -0.50	BOBBIN	844
73	31	0.18	0	N/A	6	09S +0.67	RPC	845
		0.25	97	6	N/A	09S +0.65	BOBBIN	845
73	44	0.32	79	7	N/A	09S +0.69	BOBBIN	846
73	46	0.32	148	7	N/A	09S +0.66	BOBBIN	847
73	48	0.33	56	7	N/A	09S +0.66	BOBBIN	848
73	51	0.31	94	7	N/A	03S -0.70	BOBBIN	849
73	53	0.42	67	13	N/A	09S -0.73	BOBBIN	850
		0.34	48	11	N/A	09S +0.67	BOBBIN	850
73	56	0.52	61	15	N/A	07S -0.77	BOBBIN	851
		0.51	145	15	N/A	09S -0.73	BOBBIN	851
73	57	0.24	114	5	N/A	09S +0.73	BOBBIN	852
73	58	0.39	84	12	N/A	07S -0.78	BOBBIN	853
		0.24	125	8	N/A	09S -0.81	BOBBIN	853
		0.19	101	6	N/A	09S +0.63	BOBBIN	853
73	65	0.29	64	6	N/A	04S +0.73	BOBBIN	854
73	67	0.34	128	7	N/A	07S -0.68	BOBBIN	855
73	70	0.19	128	7	N/A	09S -0.75	BOBBIN	856
73	74	0.22	109	8	N/A	11S -0.59	BOBBIN	857
73	82	0.41	43	11	N/A	07S +0.67	BOBBIN	858
73	108	0.31	39	10	N/A	05S +0.66	BOBBIN	859
73	118	0.33	0	N/A	10	06S -0.56	RPC	860
		0.21	81	6	N/A	06S -0.79	BOBBIN	860
73	128	0.47	93	12	N/A	10S -0.80	BOBBIN	861
		0.4	119	10	N/A	09S +0.56	BOBBIN	861
74	53	0.49	31	11	N/A	03S +0.68	BOBBIN	862
74	56	0.46	0	N/A	14	03S +0.68	RPC	863
		0.41	0	N/A	13	03S -0.75	RPC	863
		0.24	100	5	N/A	03S -0.70	BOBBIN	863
74	64	0.23	69	9	N/A	05S +0.70	BOBBIN	864
		0.24	133	9	N/A	10S -0.78	BOBBIN	864
		0.23	0	N/A	9	10S -0.74	RPC	864
74	70	0.22	120	8	N/A	07S -0.72	BOBBIN	865
74	75	0.32	86	9	N/A	01S +0.74	BOBBIN	866
74	123	0.32	0	N/A	10	09S -0.71	RPC	867
		0.21	49	6	N/A	09S -0.83	BOBBIN	867
75	21	0.31	98	8	N/A	07S -0.75	BOBBIN	868
75	24	0.39	69	9	N/A	04S +0.68	BOBBIN	869
75	26	0.35	86	8	N/A	07S -0.75	BOBBIN	870
75	51	0.3	136	7	N/A	03S -0.82	BOBBIN	871
75	64	0.18	90	4	N/A	13S -0.73	BOBBIN	872

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
75	66	0.4	96	8	N/A	10S -0.74	BOBBIN	873
75	105	0.15	99	3	N/A	02S +0.72	BOBBIN	874
75	123	0.23	97	6	N/A	15S +0.56	BOBBIN	875
		0.49	81	11	N/A	04S +0.67	BOBBIN	875
75	124	0.19	137	7	N/A	09S -0.72	BOBBIN	876
76	64	0.43	83	9	N/A	14S -0.69	BOBBIN	877
		1.2	96	20	N/A	07S -0.69	BOBBIN	877
		0.88	0	N/A	28	07S -0.72	RPC	877
76	65	0.33	83	12	N/A	12S +0.81	BOBBIN	878
		0.26	130	10	N/A	13S +0.46	BOBBIN	878
		0.24	0	N/A	9	13S +0.64	RPC	878
76	68	0.55	82	11	N/A	07S -0.73	BOBBIN	879
76	69	0.15	86	6	N/A	07S -0.75	BOBBIN	880
		0.22	0	N/A	8	07S -0.70	RPC	880
76	100	0.4	106	7	N/A	02S -0.75	BOBBIN	881
76	101	0.3	67	6	N/A	13S -0.73	BOBBIN	882
		0.29	0	N/A	10	13S -0.73	RPC	882
76	119	0.31	100	11	N/A	08S +0.70	BOBBIN	883
		0.38	120	13	N/A	07S -0.70	BOBBIN	883
76	120	0.37	70	9	N/A	09S -0.67	BOBBIN	884
		0.34	72	8	N/A	07S -0.75	BOBBIN	884
76	121	0.33	82	11	N/A	07S -0.74	BOBBIN	885
76	123	0.33	101	8	N/A	11S -0.30	BOBBIN	886
77	72	0.25	99	9	N/A	07S -0.77	BOBBIN	887
		0.32	0	N/A	12	07S -0.67	RPC	887
77	75	0.3	106	5	N/A	08S -0.64	BOBBIN	888
77	102	0.69	103	15	N/A	15S -0.67	BOBBIN	889
77	103	0.24	118	5	N/A	07S +0.68	BOBBIN	890
		0.4	0	N/A	13	07S +0.66	RPC	890
77	119	0.54	24	17	N/A	07S -0.77	BOBBIN	891
77	125	0.69	101	20	N/A	11S -0.64	BOBBIN	892
		0.36	94	12	N/A	10S +0.22	BOBBIN	892
		0.24	134	9	N/A	05S -0.53	BOBBIN	892
78	8	0.34	108	8	N/A	13S -0.73	BOBBIN	893
78	52	0.33	51	11	N/A	03S -0.80	BOBBIN	894
78	54	0.31	82	10	N/A	09S -0.76	BOBBIN	895
78	71	0.26	121	10	N/A	06S -0.61	BOBBIN	896
78	75	0.3	59	10	N/A	07S -0.70	BOBBIN	897
		0.25	0	N/A	8	07S -0.73	RPC	897
78	109	0.3	120	6	N/A	07S -0.70	BOBBIN	898
78	113	0.32	126	8	N/A	05S -0.78	BOBBIN	899
78	122	0.26	88	9	N/A	09S -0.75	BOBBIN	900
		0.23	0	N/A	9	09S -0.67	RPC	900
79	10	0.25	42	5	N/A	12S +0.64	BOBBIN	901
79	21	0.38	129	8	N/A	07S -0.77	BOBBIN	902

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
79	26	0.31	142	7	N/A	11S -0.75	BOBBIN	903
79	34	0.31	87	7	N/A	09S +0.64	BOBBIN	904
79	39	0.74	96	16	N/A	12S -0.81	BOBBIN	905
79	40	0.42	131	9	N/A	11S -0.84	BOBBIN	906
		0.32	84	7	N/A	13S -0.75	BOBBIN	906
79	54	0.24	110	8	N/A	09S -0.82	BOBBIN	907
		0.28	114	9	N/A	10S -0.76	BOBBIN	907
79	55	0.37	132	8	N/A	06S -0.79	BOBBIN	908
79	56	0.52	74	15	N/A	09S -0.76	BOBBIN	909
79	57	0.46	0	N/A	18	07S -0.75	RPC	910
		1.06	93	20	N/A	07S -0.75	BOBBIN	910
79	61	0.34	69	8	N/A	07S -0.73	BOBBIN	911
		0.33	53	7	N/A	12S -0.73	BOBBIN	911
79	66	0.44	118	9	N/A	07S -0.68	BOBBIN	912
79	75	0.22	80	9	N/A	07S -0.70	BOBBIN	913
		0.15	76	6	N/A	08S -0.73	BOBBIN	913
		0.31	0	N/A	11	08S -0.64	RPC	913
79	77	0.27	93	9	N/A	07S -0.66	BOBBIN	914
		0.26	78	8	N/A	05S -0.09	BOBBIN	914
		0.34	0	N/A	11	07S -0.74	RPC	914
		0.38	0	N/A	12	05S -0.69	RPC	914
79	79	0.32	0	N/A	11	07S -0.64	RPC	915
		0.22	64	7	N/A	07S -0.84	BOBBIN	915
79	114	0.22	98	6	N/A	07S +0.50	BOBBIN	916
79	123	0.35	79	12	N/A	06S -0.72	BOBBIN	917
79	126	0.38	97	9	N/A	07S -0.80	BOBBIN	918
80	9	0.54	52	12	N/A	11S -0.74	BOBBIN	919
80	20	0.33	0	N/A	11	09S -0.64	RPC	920
		0.31	57	7	N/A	09S -0.75	BOBBIN	920
80	30	0.3	0	N/A	10	07S -0.68	RPC	921
		0.21	111	5	N/A	07S -0.77	BOBBIN	921
80	35	0.35	72	11	N/A	12S -0.68	BOBBIN	922
80	43	0.32	0	N/A	11	03S -0.70	RPC	923
		0.24	83	8	N/A	03S -0.81	BOBBIN	923
80	49	0.27	109	9	N/A	09S +0.60	BOBBIN	924
80	50	0.43	0	N/A	14	11S +0.52	RPC	925
80	52	0.2	77	4	N/A	09S +0.73	BOBBIN	926
80	58	0.53	90	12	N/A	09S -0.70	BOBBIN	927
		0.91	99	18	N/A	07S -0.73	BOBBIN	927
80	59	0.33	0	N/A	11	07S -0.75	RPC	928
		0.26	124	9	N/A	07S -0.77	BOBBIN	928
80	60	0.38	106	9	N/A	07S -0.66	BOBBIN	929
80	61	0.23	89	8	N/A	09S +0.67	BOBBIN	930
		0.23	89	8	N/A	12S -0.69	BOBBIN	930
80	62	0.23	101	5	N/A	12S -0.27	BOBBIN	931

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.17	87	4	N/A	12S -0.68	BOBBIN	931
		0.3	60	7	N/A	09S +0.69	BOBBIN	931
80	65	0.29	84	6	N/A	13S -0.82	BOBBIN	932
		0.33	111	7	N/A	10S -0.78	BOBBIN	932
80	70	0.21	111	8	N/A	09S +0.66	BOBBIN	933
		0.37	104	13	N/A	07S -0.73	BOBBIN	933
		0.21	0	N/A	8	09S +0.68	RPC	933
80	76	0.26	78	10	N/A	07S -0.72	BOBBIN	934
		0.24	124	9	N/A	06S -0.68	BOBBIN	934
		0.3	0	N/A	11	06S -0.74	RPC	934
80	78	0.27	114	9	N/A	05S -0.74	BOBBIN	935
		0.43	0	N/A	14	05S -0.69	RPC	935
80	80	0.29	82	9	N/A	07S -0.70	BOBBIN	936
80	125	0.23	73	8	N/A	07S -0.81	BOBBIN	937
		0.27	0	N/A	11	07S -0.58	RPC	937
80	126	0.32	116	8	N/A	07S -0.82	BOBBIN	938
80	127	0.37	103	13	N/A	07S +0.64	BOBBIN	939
		0.68	105	20	N/A	07S -0.76	BOBBIN	939
		0.31	121	11	N/A	08S +0.68	BOBBIN	939
		0.72	0	N/A	26	07S -0.65	RPC	939
		0.59	0	N/A	22	07S +0.75	RPC	939
80	129	0.23	134	8	N/A	05S -0.46	BOBBIN	940
80	131	0.29	99	10	N/A	13S -0.67	BOBBIN	941
		0.27	0	N/A	10	13S -0.70	RPC	941
81	9	0.35	0	N/A	12	09S -0.74	RPC	942
		0.27	70	6	N/A	09S -0.75	BOBBIN	942
81	16	0.44	144	10	N/A	09S -0.76	BOBBIN	943
81	35	0.26	134	6	N/A	05S -0.79	BOBBIN	944
81	41	0.47	111	10	N/A	09S -0.70	BOBBIN	945
81	49	0.16	0	N/A	6	09S -0.67	RPC	946
		0.22	0	N/A	8	09S +0.72	RPC	946
		0.31	108	7	N/A	09S +0.71	BOBBIN	946
		0.24	54	6	N/A	09S -0.68	BOBBIN	946
81	62	0.4	76	12	N/A	09S +0.64	BOBBIN	947
81	64	0.82	95	21	N/A	10S -0.78	BOBBIN	948
81	65	0.7	104	15	N/A	10S -0.78	BOBBIN	949
81	75	0.23	142	4	N/A	07S -0.61	BOBBIN	950
81	78	0.23	89	8	N/A	09S -0.75	BOBBIN	951
81	121	0.3	123	8	N/A	07S -0.67	BOBBIN	952
81	122	0.68	108	20	N/A	07S -0.70	BOBBIN	953
81	125	0.46	131	10	N/A	07S -0.67	BOBBIN	954
		0.49	99	10	N/A	03S -0.54	BOBBIN	954
81	126	0.47	100	15	N/A	08S +0.72	BOBBIN	955
		0.45	135	15	N/A	07S -0.70	BOBBIN	955
		0.25	107	9	N/A	04S -0.72	BOBBIN	955

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.3	119	10	N/A	03S +0.33	BOBBIN	955
		0.25	109	9	N/A	03S -0.44	BOBBIN	955
		0.42	0	N/A	13	03S -0.44	RPC	955
		0.55	0	N/A	17	03S +0.40	RPC	955
81	128	0.3	74	10	N/A	07S -0.66	BOBBIN	956
		0.37	0	N/A	13	07S -0.81	RPC	956
82	5	0.32	0	N/A	10	09S -0.72	RPC	957
		0.24	113	5	N/A	09S -0.79	BOBBIN	957
82	6	0.54	86	11	N/A	09S -0.70	BOBBIN	958
82	28	0.3	147	7	N/A	07S -0.75	BOBBIN	959
		0.28	0	N/A	9	07S -0.70	RPC	959
82	30	0.17	74	6	N/A	07S -0.56	BOBBIN	960
		0.1	0	N/A	3	07S -0.75	RPC	960
82	38	0.55	110	17	N/A	09S -0.75	BOBBIN	961
82	41	0.34	141	9	N/A	07S -0.82	BOBBIN	962
82	47	0.29	0	N/A	10	04S -0.68	RPC	963
		0.25	109	4	N/A	04S -0.73	BOBBIN	963
82	49	0.34	125	6	N/A	07S -0.73	BOBBIN	964
82	50	0.44	115	11	N/A	07S -0.70	BOBBIN	965
		0.28	119	8	N/A	09S +0.73	BOBBIN	965
82	52	0.5	63	13	N/A	06S -0.79	BOBBIN	966
82	57	0.2	92	4	N/A	09S +0.82	BOBBIN	967
82	61	0.44	87	9	N/A	09S +0.64	BOBBIN	968
82	64	0.27	88	6	N/A	12S +0.60	BOBBIN	969
82	100	0.21	120	4	N/A	06S -0.72	BOBBIN	970
82	117	0.16	100	6	N/A	07S -0.70	BOBBIN	971
82	125	0.44	97	10	N/A	08S +0.64	BOBBIN	972
		0.33	127	8	N/A	09S +0.06	BOBBIN	972
83	6	0.36	0	N/A	12	09S +0.62	RPC	973
		0.23	104	5	N/A	09S +0.59	BOBBIN	973
83	8	0.27	98	6	N/A	09S -0.73	BOBBIN	974
83	9	0.29	131	10	N/A	09S -0.74	BOBBIN	975
83	11	0.41	49	13	N/A	09S -0.71	BOBBIN	976
83	17	0.24	61	6	N/A	09S -0.70	BOBBIN	977
		0.3	0	N/A	10	09S -0.75	RPC	977
83	20	0.28	73	10	N/A	11S +0.73	BOBBIN	978
		0.27	0	N/A	9	11S +0.64	RPC	978
83	29	0.24	73	6	N/A	09S -0.70	BOBBIN	979
		0.15	0	N/A	5	09S -0.70	RPC	979
83	35	0.79	35	21	N/A	03S -0.75	BOBBIN	980
83	36	0.39	43	9	N/A	09S -0.64	BOBBIN	981
		0.26	0	N/A	9	09S -0.71	RPC	981
83	45	0.47	109	12	N/A	07S -0.79	BOBBIN	982
83	49	0.18	103	5	N/A	06S -0.75	BOBBIN	983
		0.15	85	4	N/A	07S -0.85	BOBBIN	983

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.24	117	7	N/A	07S +0.77	BOBBIN	983
		0.21	0	N/A	7	06S -0.75	RPC	983
83	51	0.29	67	8	N/A	11S +0.75	BOBBIN	984
		0.31	0	N/A	10	11S +0.74	RPC	984
83	57	0.3	102	9	N/A	07S -0.70	BOBBIN	985
		0.25	82	7	N/A	09S -0.66	BOBBIN	985
83	61	0.25	99	7	N/A	07S -0.67	BOBBIN	986
		0.27	89	8	N/A	09S +0.77	BOBBIN	986
83	79	0.27	76	5	N/A	07S -0.68	BOBBIN	987
		0.27	0	N/A	8	07S -0.67	RPC	987
83	99	0.27	54	5	N/A	06S -0.70	BOBBIN	988
83	122	0.21	83	5	N/A	07S -0.71	BOBBIN	989
83	123	0.22	150	8	N/A	07S -0.72	BOBBIN	990
83	125	0.31	133	11	N/A	07S -0.68	BOBBIN	991
83	126	0.23	112	6	N/A	07S -0.73	BOBBIN	992
83	127	0.34	119	12	N/A	07S +0.62	BOBBIN	993
		0.24	102	9	N/A	07S -0.81	BOBBIN	993
83	128	0.32	95	8	N/A	04S +0.71	BOBBIN	994
		0.16	156	4	N/A	04S -0.62	BOBBIN	994
83	129	0.21	74	8	N/A	07S -0.74	BOBBIN	995
		0.15	0	N/A	6	07S -0.74	RPC	995
83	130	0.39	108	9	N/A	09S -0.73	BOBBIN	996
83	131	0.42	101	14	N/A	09S -0.77	BOBBIN	997
		0.2	74	7	N/A	13S -0.70	BOBBIN	997
		0.39	0	N/A	12	13S -0.60	RPC	997
84	9	0.39	0	N/A	12	09S +0.69	RPC	998
		0.27	0	N/A	9	09S -0.72	RPC	998
		0.31	81	7	N/A	09S +0.64	BOBBIN	998
84	26	0.29	108	10	N/A	07S -0.73	BOBBIN	999
		0.26	0	N/A	9	07S -0.74	RPC	999
84	27	0.39	57	9	N/A	03S -0.68	BOBBIN	1000
84	38	0.28	121	10	N/A	09S -0.69	BOBBIN	1001
84	39	0.69	108	15	N/A	07S -0.74	BOBBIN	1002
		0.32	75	8	N/A	09S -0.66	BOBBIN	1002
		0.36	0	N/A	12	09S -0.64	RPC	1002
84	47	0.17	0	N/A	6	09S +0.71	RPC	1003
		0.19	0	N/A	6	09S -0.73	RPC	1003
		0.39	66	7	N/A	09S -0.65	BOBBIN	1003
		0.24	45	4	N/A	09S +0.78	BOBBIN	1003
84	61	0.54	74	11	N/A	09S +0.77	BOBBIN	1004
84	72	0.17	112	3	N/A	07S -0.73	BOBBIN	1005
84	75	0.28	102	5	N/A	07S -0.73	BOBBIN	1006
84	80	0.34	119	11	N/A	05S -0.60	BOBBIN	1007
84	85	0.35	86	6	N/A	07S -0.71	BOBBIN	1008
84	114	0.34	53	7	N/A	07S -0.75	BOBBIN	1009

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.41	0	N/A	13	07S -0.73	RPC	1009
84	123	0.57	99	18	N/A	08S +0.68	BOBBIN	1010
84	125	0.48	107	15	N/A	08S +0.66	BOBBIN	1011
		0.42	124	14	N/A	03S +0.33	BOBBIN	1011
84	126	0.27	107	7	N/A	09S +0.11	BOBBIN	1012
84	128	0.33	108	8	N/A	07S -0.71	BOBBIN	1013
85	12	0.48	36	10	N/A	14S -0.84	BOBBIN	1014
85	37	0.44	46	10	N/A	07S -0.68	BOBBIN	1015
85	38	0.4	118	13	N/A	03S -0.75	BOBBIN	1016
85	43	0.43	82	7	N/A	09S -0.69	BOBBIN	1017
		0.18	97	3	N/A	10S -0.67	BOBBIN	1017
85	49	0.25	0	N/A	9	10S -0.68	RPC	1018
		0.49	0	N/A	15	10S +0.70	RPC	1018
		0.32	63	5	N/A	10S +0.73	BOBBIN	1018
85	72	0.23	107	4	N/A	06S -0.75	BOBBIN	1019
85	76	0.2	109	4	N/A	04S -0.09	BOBBIN	1020
85	90	0.24	58	8	N/A	07S -0.72	BOBBIN	1021
85	123	0.41	85	10	N/A	08S +0.69	BOBBIN	1022
85	126	0.57	95	17	N/A	07S -0.70	BOBBIN	1023
85	127	0.22	67	6	N/A	09S -0.69	BOBBIN	1024
		0.25	75	6	N/A	07S -0.74	BOBBIN	1024
85	128	0.2	90	7	N/A	07S -0.77	BOBBIN	1025
		0.23	0	N/A	8	07S -0.76	RPC	1025
86	6	0.55	137	16	N/A	09S +0.65	BOBBIN	1026
86	7	0.18	0	N/A	6	09S -0.71	RPC	1027
		0.64	0	N/A	20	09S +0.53	RPC	1027
		0.49	77	10	N/A	09S +0.53	BOBBIN	1027
		0.42	30	9	N/A	09S -0.68	BOBBIN	1027
86	25	0.28	86	7	N/A	07S -0.77	BOBBIN	1028
86	38	0.46	33	14	N/A	09S -0.69	BOBBIN	1029
86	53	0.42	0	N/A	14	09S -0.61	RPC	1030
		0.67	92	11	N/A	07S -0.71	BOBBIN	1030
		0.48	60	8	N/A	09S -0.65	BOBBIN	1030
86	76	0.21	62	7	N/A	07S -0.69	BOBBIN	1031
86	77	0.25	52	4	N/A	07S -0.61	BOBBIN	1032
86	85	0.19	126	4	N/A	06S -0.76	BOBBIN	1033
86	104	0.38	82	10	N/A	07S -0.75	BOBBIN	1034
86	108	0.32	100	9	N/A	06S -0.78	BOBBIN	1035
		0.47	0	N/A	15	06S -0.73	RPC	1035
86	110	0.23	68	6	N/A	05S -0.78	BOBBIN	1036
		0.36	0	N/A	12	05S -0.75	RPC	1036
86	112	0.37	89	10	N/A	02S -0.73	BOBBIN	1037
86	116	0.29	28	7	N/A	05S -0.78	BOBBIN	1038
86	124	0.63	83	14	N/A	08S +0.69	BOBBIN	1039
		0.24	83	6	N/A	03S +0.13	BOBBIN	1039

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
86	125	0.31	104	11	N/A	07S -0.02	BOBBIN	1040
86	126	0.37	107	9	N/A	07S +0.73	BOBBIN	1041
		0.42	104	10	N/A	07S +0.02	BOBBIN	1041
		0.34	107	8	N/A	03S +0.43	BOBBIN	1041
86	129	0.21	105	8	N/A	09S -0.75	BOBBIN	1042
		0.36	0	N/A	12	09S -0.71	RPC	1042
87	8	0.37	0	N/A	12	07S -0.73	RPC	1043
		0.28	115	6	N/A	07S -0.73	BOBBIN	1043
		0.25	55	6	N/A	09S -0.66	BOBBIN	1043
87	22	0.5	86	13	N/A	07S -0.71	BOBBIN	1044
87	40	0.81	92	19	N/A	09S -0.73	BOBBIN	1045
87	49	0.73	67	12	N/A	06S -0.73	BOBBIN	1046
87	50	0.23	81	6	N/A	06S -0.78	BOBBIN	1047
87	53	0.58	64	10	N/A	06S -0.75	BOBBIN	1048
87	56	0.15	111	5	N/A	07S -0.69	BOBBIN	1049
87	57	0.18	86	4	N/A	09S +0.82	BOBBIN	1050
87	67	0.26	98	8	N/A	07S -0.76	BOBBIN	1051
87	85	0.18	116	6	N/A	06S -0.81	BOBBIN	1052
		0.27	0	N/A	9	06S -0.74	RPC	1052
87	112	0.51	123	13	N/A	07S +0.66	BOBBIN	1053
87	123	0.32	92	8	N/A	08S -0.13	BOBBIN	1054
87	125	0.27	95	7	N/A	08S -0.06	BOBBIN	1055
88	3	0.27	109	6	N/A	10S +0.54	BOBBIN	1056
88	8	0.35	93	11	N/A	07S -0.74	BOBBIN	1057
88	12	0.61	97	18	N/A	07S -0.76	BOBBIN	1058
88	19	0.44	112	11	N/A	03S -0.70	BOBBIN	1059
88	23	0.18	86	5	N/A	07S -0.75	BOBBIN	1060
		0.25	0	N/A	9	07S -0.75	RPC	1060
88	29	0.59	73	15	N/A	07S -0.71	BOBBIN	1061
88	31	0.43	66	10	N/A	09S -0.73	BOBBIN	1062
88	47	0.55	110	9	N/A	09S -0.69	BOBBIN	1063
88	49	0.32	36	5	N/A	06S -0.75	BOBBIN	1064
88	50	0.44	149	10	N/A	06S -0.77	BOBBIN	1065
88	51	0.37	36	6	N/A	03S -0.71	BOBBIN	1066
88	53	0.66	51	11	N/A	07S -0.69	BOBBIN	1067
88	70	0.37	80	11	N/A	06S -0.76	BOBBIN	1068
88	113	0.47	107	12	N/A	07S +0.71	BOBBIN	1069
88	123	0.18	112	5	N/A	08S -0.04	BOBBIN	1070
		0.23	94	6	N/A	08S +0.32	BOBBIN	1070
		0.21	134	5	N/A	07S +0.06	BOBBIN	1070
		0.35	127	9	N/A	03S +0.04	BOBBIN	1070
88	125	0.25	95	9	N/A	07S -0.77	BOBBIN	1071
88	127	0.27	113	10	N/A	09S -0.72	BOBBIN	1072
88	128	0.33	95	7	N/A	07S -0.75	BOBBIN	1073
88	129	0.25	105	8	N/A	11S -0.74	BOBBIN	1074

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.23	76	7	N/A	07S -0.80	BOBBIN	1074
		0.18	0	N/A	6	07S -0.68	RPC	1074
89	4	0.39	62	8	N/A	10S +0.52	BOBBIN	1075
89	5	0.44	38	14	N/A	01S -0.76	BOBBIN	1076
89	49	0.16	94	3	N/A	07S -0.64	BOBBIN	1077
89	50	0.4	33	10	N/A	09S -0.66	BOBBIN	1078
89	53	0.3	62	5	N/A	07S -0.69	BOBBIN	1079
89	84	0.4	83	12	N/A	07S -0.73	BOBBIN	1080
89	109	0.31	104	8	N/A	07S -0.75	BOBBIN	1081
		0.33	0	N/A	10	07S -0.74	RPC	1081
89	122	0.13	82	4	N/A	07S +0.02	BOBBIN	1082
89	123	0.34	105	7	N/A	07S +0.02	BOBBIN	1083
89	126	0.21	58	6	N/A	07S -0.76	BOBBIN	1084
89	127	0.21	81	4	N/A	07S -0.71	BOBBIN	1085
		0.27	0	N/A	8	07S -0.31	RPC	1085
90	5	0.64	47	14	N/A	07S -0.71	BOBBIN	1086
90	35	0.27	138	8	N/A	07S -0.73	BOBBIN	1087
90	41	0.88	90	20	N/A	07S -0.80	BOBBIN	1088
		0.61	0	N/A	23	07S -0.74	RPC	1088
90	48	0.26	88	4	N/A	07S -0.71	BOBBIN	1089
90	50	0.5	50	8	N/A	06S +0.69	BOBBIN	1090
90	60	0.76	83	15	N/A	07S -0.74	BOBBIN	1091
90	65	0.34	73	7	N/A	07S -0.63	BOBBIN	1092
90	89	0.24	88	8	N/A	07S -0.77	BOBBIN	1093
		0.23	0	N/A	8	07S -0.72	RPC	1093
90	126	0.3	85	6	N/A	07S -0.75	BOBBIN	1094
90	128	0.34	88	7	N/A	09S -0.71	BOBBIN	1095
91	1	0.29	0	N/A	10	13S -0.72	RPC	1096
		0.37	119	9	N/A	13S -0.78	BOBBIN	1096
91	5	0.46	0	N/A	15	09S +0.66	RPC	1097
		0.32	102	7	N/A	09S +0.63	BOBBIN	1097
91	6	0.58	77	13	N/A	09S +0.67	BOBBIN	1098
91	7	0.61	31	13	N/A	09S +0.67	BOBBIN	1099
91	12	0.35	48	8	N/A	07S -0.80	BOBBIN	1100
91	41	0.27	63	5	N/A	06S +0.75	BOBBIN	1101
91	42	0.25	81	4	N/A	10S -0.69	BOBBIN	1102
91	53	0.23	90	4	N/A	13S +0.86	BOBBIN	1103
91	87	0.3	78	10	N/A	03S -0.76	BOBBIN	1104
91	96	0.3	40	5	N/A	03S -0.77	BOBBIN	1105
91	119	0.22	93	4	N/A	07S -0.69	BOBBIN	1106
91	126	0.28	98	9	N/A	07S -0.88	BOBBIN	1107
		0.29	0	N/A	9	07S -0.71	RPC	1107
92	8	0.32	0	N/A	10	07S -0.60	RPC	1108
		0.33	116	7	N/A	07S -0.63	BOBBIN	1108
92	17	0.83	93	19	N/A	09S -0.67	BOBBIN	1109

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.6	0	N/A	22	09S -0.74	RPC	1109
92	36	0.69	83	16	N/A	07S -0.77	BOBBIN	1110
92	38	0.13	85	4	N/A	09S -0.66	BOBBIN	1111
92	47	0.25	144	7	N/A	06S -0.67	BOBBIN	1112
		0.28	0	N/A	12	06S -0.74	RPC	1112
92	60	0.62	91	13	N/A	07S -0.73	BOBBIN	1113
92	116	0.17	70	3	N/A	07S -0.69	BOBBIN	1114
92	120	0.22	30	4	N/A	07S -0.78	BOBBIN	1115
		0.27	131	5	N/A	05S -0.76	BOBBIN	1115
92	124	0.58	70	11	N/A	07S -0.65	BOBBIN	1116
92	126	0.41	66	8	N/A	09S -0.73	BOBBIN	1117
		0.54	103	10	N/A	07S -0.59	BOBBIN	1117
93	4	0.37	318	8	N/A	09S +0.82	BOBBIN	1118
93	6	0.5	119	11	N/A	09S +0.66	BOBBIN	1119
93	17	0.99	87	22	N/A	09S -0.69	BOBBIN	1120
93	34	0.32	42	8	N/A	07S -0.72	BOBBIN	1121
93	36	0.85	89	18	N/A	09S -0.75	BOBBIN	1122
93	40	0.48	77	12	N/A	09S -0.72	BOBBIN	1123
93	50	0.41	0	N/A	14	08S +0.70	RPC	1124
		0.48	0	N/A	15	08S -0.71	RPC	1124
		0.3	112	5	N/A	08S +0.80	BOBBIN	1124
93	55	0.24	40	7	N/A	07S -0.73	BOBBIN	1125
93	116	0.1	103	1	N/A	07S -0.73	BOBBIN	1126
94	7	0.59	42	13	N/A	09S +0.66	BOBBIN	1127
94	17	0.38	94	11	N/A	15S +0.84	BOBBIN	1128
94	56	0.13	72	3	N/A	07S -0.73	BOBBIN	1129
94	66	0.35	97	12	N/A	07S -0.77	BOBBIN	1130
94	127	0.29	72	5	N/A	09S +0.71	BOBBIN	1131
95	1	0.34	86	8	N/A	07S -0.71	BOBBIN	1132
95	3	0.33	116	9	N/A	09S +0.62	BOBBIN	1133
95	5	0.36	68	10	N/A	07S -0.67	BOBBIN	1134
95	6	0.34	61	8	N/A	09S +0.56	BOBBIN	1135
95	20	0.49	127	13	N/A	07S -0.71	BOBBIN	1136
95	21	0.3	28	8	N/A	06S +0.88	BOBBIN	1137
95	23	0.34	95	9	N/A	07S -0.70	BOBBIN	1138
95	85	0.91	92	23	N/A	07S +0.71	BOBBIN	1139
95	90	0.23	16	4	N/A	07S -0.75	BOBBIN	1140
96	4	0.61	73	13	N/A	09S +0.66	BOBBIN	1141
96	25	0.26	138	7	N/A	15S +0.86	BOBBIN	1142
96	35	0.34	59	8	N/A	06S +0.66	BOBBIN	1143
96	51	0.6	48	10	N/A	06S +0.71	BOBBIN	1144
96	66	0.82	100	15	N/A	07S -0.73	BOBBIN	1145
96	67	0.21	0	N/A	6	06S +0.65	RPC	1146
		0.24	71	9	N/A	06S +0.63	BOBBIN	1146
96	70	0.42	99	7	N/A	07S -0.75	BOBBIN	1147

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
96	100	0.32	96	9	N/A	10S -0.85	BOBBIN	1148
97	2	0.69	0	N/A	21	09S +0.69	RPC	1149
		0.47	151	10	N/A	09S +0.71	BOBBIN	1149
97	3	0.4	33	10	N/A	09S +0.72	BOBBIN	1150
97	5	0.26	55	7	N/A	13S -0.76	BOBBIN	1151
		0.36	115	10	N/A	07S +0.64	BOBBIN	1151
97	41	0.57	72	9	N/A	09S -0.67	BOBBIN	1152
97	121	0.3	125	9	N/A	07S -0.68	BOBBIN	1153
97	123	0.41	78	8	N/A	09S +0.59	BOBBIN	1154
98	35	0.25	36	6	N/A	07S -0.76	BOBBIN	1155
98	48	0.32	0	N/A	11	07S +0.68	RPC	1156
		0.73	30	12	N/A	07S +0.73	BOBBIN	1156
98	54	0.4	0	N/A	13	08S -0.66	RPC	1157
		0.23	108	4	N/A	08S -0.64	BOBBIN	1157
98	124	0.44	107	13	N/A	09S +0.65	BOBBIN	1158
99	2	0.51	0	N/A	16	09S +0.65	RPC	1159
		0.49	48	11	N/A	09S +0.68	BOBBIN	1159
99	4	0.6	95	13	N/A	09S +0.68	BOBBIN	1160
99	6	0.16	68	4	N/A	06S -0.02	BOBBIN	1161
99	7	0.39	52	10	N/A	09S +0.69	BOBBIN	1162
99	41	0.56	50	9	N/A	03S -0.71	BOBBIN	1163
99	46	0.29	104	5	N/A	07S -0.67	BOBBIN	1164
99	106	0.17	76	3	N/A	06S -0.75	BOBBIN	1165
99	114	0.12	47	4	N/A	07S -0.80	BOBBIN	1166
99	122	0.16	126	6	N/A	09S -0.80	BOBBIN	1167
99	123	0.22	164	5	N/A	09S -0.73	BOBBIN	1168
99	126	0.44	109	14	N/A	07S +0.27	BOBBIN	1169
100	3	0.28	91	6	N/A	09S -0.75	BOBBIN	1170
100	5	0.44	0	N/A	17	07S -0.75	RPC	1171
		0.57	121	12	N/A	09S +0.75	BOBBIN	1171
		0.44	137	10	N/A	07S -0.75	BOBBIN	1171
100	21	0.4	111	11	N/A	07S -0.73	BOBBIN	1172
100	84	0.28	95	9	N/A	03S -0.73	BOBBIN	1173
100	120	0.2	114	5	N/A	05S -0.77	BOBBIN	1174
100	122	0.38	40	8	N/A	09S +0.66	BOBBIN	1175
		0.17	96	4	N/A	07S -0.59	BOBBIN	1175
101	10	0.38	70	10	N/A	07S -0.76	BOBBIN	1176
101	24	0.54	66	13	N/A	09S -0.73	BOBBIN	1177
101	35	0.62	36	16	N/A	07S -0.71	BOBBIN	1178
101	81	0.19	148	3	N/A	07S -0.78	BOBBIN	1179
102	95	0.88	99	16	N/A	07S -0.78	BOBBIN	1180
		0.81	0	N/A	28	07S -0.75	RPC	1180
102	111	0.4	104	9	N/A	07S +0.64	BOBBIN	1181
102	112	0.32	135	10	N/A	07S -0.67	BOBBIN	1182
102	113	0.65	97	13	N/A	07S +0.66	BOBBIN	1183

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
102	115	0.64	117	13	N/A	07S +0.59	BOBBIN	1184
102	116	0.41	127	13	N/A	07S -0.62	BOBBIN	1185
		0.21	140	7	N/A	07S +0.57	BOBBIN	1185
102	119	0.4	134	9	N/A	07S -0.66	BOBBIN	1186
103	5	0.6	108	13	N/A	09S +0.71	BOBBIN	1187
103	27	0.22	66	6	N/A	07S -0.70	BOBBIN	1188
103	55	0.17	99	5	N/A	07S -0.72	BOBBIN	1189
103	97	0.31	87	7	N/A	04S -0.76	BOBBIN	1190
103	121	0.21	0	N/A	6	09S -0.63	RPC	1191
		0.19	0	N/A	6	09S +0.71	RPC	1191
		0.29	83	6	N/A	09S +0.61	BOBBIN	1191
103	123	0.31	57	7	N/A	07S -0.77	BOBBIN	1192
104	46	0.41	97	11	N/A	07S -0.70	BOBBIN	1193
104	119	0.19	0	N/A	7	09S +0.51	RPC	1194
		0.24	118	6	N/A	09S +0.61	BOBBIN	1194
		0.35	110	8	N/A	08S +0.66	BOBBIN	1194
104	122	0.65	54	19	N/A	10S +0.60	BOBBIN	1195
104	123	0.53	40	16	N/A	07S +0.68	BOBBIN	1196
105	5	0.44	0	N/A	14	09S +0.62	RPC	1197
		0.44	116	11	N/A	09S +0.72	BOBBIN	1197
105	42	0.73	98	18	N/A	07S -0.72	BOBBIN	1198
105	44	0.46	81	12	N/A	10S -0.39	BOBBIN	1199
105	87	0.26	10	5	N/A	07S -0.73	BOBBIN	1200
105	104	0.21	98	4	N/A	07S -0.76	BOBBIN	1201
		0.16	0	N/A	6	07S -0.83	RPC	1201
105	113	0.57	92	12	N/A	07S -0.75	BOBBIN	1202
105	117	0.36	0	N/A	13	08S +0.59	RPC	1203
		0.37	110	8	N/A	08S +0.68	BOBBIN	1203
105	120	0.29	96	7	N/A	07S -0.75	BOBBIN	1204
105	122	0.26	100	9	N/A	07S -0.81	BOBBIN	1205
106	38	0.43	95	7	N/A	07S -0.79	BOBBIN	1206
106	51	0.14	74	2	N/A	04S -0.66	BOBBIN	1207
106	55	0.32	0	N/A	11	07S -0.74	RPC	1208
		0.2	84	3	N/A	07S -0.73	BOBBIN	1208
106	61	0.79	0	N/A	27	07S -0.74	RPC	1209
		1.26	82	21	N/A	07S -0.73	BOBBIN	1209
106	71	0.2	71	7	N/A	07S -0.75	BOBBIN	1210
106	92	0.23	113	5	N/A	03S -0.75	BOBBIN	1211
106	97	0.42	68	9	N/A	02S -0.71	BOBBIN	1212
106	117	0.19	123	7	N/A	09S -0.80	BOBBIN	1213
106	118	0.46	0	N/A	14	08S -0.57	RPC	1214
		0.33	107	7	N/A	08S -0.68	BOBBIN	1214
107	23	0.22	153	8	N/A	07S -0.77	BOBBIN	1215
107	67	0.51	70	9	N/A	07S -0.73	BOBBIN	1216
107	116	0.23	89	7	N/A	07S -0.76	BOBBIN	1217

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
108	25	0.17	75	7	N/A	07S -0.70	BOBBIN	1218
		0.48	0	N/A	15	07S -0.73	RPC	1218
108	55	0.3	65	5	N/A	07S -0.83	BOBBIN	1219
109	52	0.56	98	10	N/A	07S -0.75	BOBBIN	1220
109	84	0.73	97	16	N/A	07S -0.77	BOBBIN	1221
		0.4	79	10	N/A	03S -0.72	BOBBIN	1221
109	100	0.27	95	6	N/A	07S -0.80	BOBBIN	1222
109	108	0.21	107	5	N/A	07S -0.77	BOBBIN	1223
		0.36	0	N/A	13	07S -0.74	RPC	1223
109	117	0.22	129	5	N/A	09S -0.75	BOBBIN	1224
110	14	0.38	140	12	N/A	15S -0.77	BOBBIN	1225
		0.4	0	N/A	13	15S -0.75	RPC	1225
110	24	0.83	108	23	N/A	09S -0.73	BOBBIN	1226
110	50	0.17	70	3	N/A	07S -0.75	BOBBIN	1227
110	57	0.25	130	7	N/A	07S -0.72	BOBBIN	1228
110	81	0.69	160	12	N/A	03S -0.73	BOBBIN	1229
110	85	0.39	66	9	N/A	06S +0.16	BOBBIN	1230
110	112	0.31	0	N/A	10	08S +0.60	RPC	1231
		0.3	118	7	N/A	08S +0.66	BOBBIN	1231
111	27	0.17	101	6	N/A	07S -0.73	BOBBIN	1232
111	66	0.83	46	15	N/A	07S -0.71	BOBBIN	1233
		0.53	0	N/A	15	07S -0.71	RPC	1233
111	71	0.28	114	10	N/A	03S -0.73	BOBBIN	1234
		0.35	64	12	N/A	07S -0.75	BOBBIN	1234
111	111	0.35	0	N/A	11	07S -0.63	RPC	1235
		0.22	114	5	N/A	07S -0.73	BOBBIN	1235
112	26	0.59	95	18	N/A	09S -0.73	BOBBIN	1236
112	42	0.39	56	7	N/A	09S -0.64	BOBBIN	1237
		0.36	0	N/A	12	09S -0.68	RPC	1237
112	82	0.28	105	5	N/A	07S -0.75	BOBBIN	1238
112	114	0.16	0	N/A	6	09S +0.67	RPC	1239
		0.37	0	N/A	13	09S -0.69	RPC	1239
		0.25	109	6	N/A	09S +0.66	BOBBIN	1239
		0.27	117	6	N/A	09S -0.77	BOBBIN	1239
113	23	0.22	147	8	N/A	09S -0.78	BOBBIN	1240
113	71	0.3	154	5	N/A	07S -0.81	BOBBIN	1241
113	85	0.2	61	5	N/A	07S -0.75	BOBBIN	1242
		0.2	0	N/A	7	07S -0.74	RPC	1242
113	94	0.22	118	7	N/A	07S -0.80	BOBBIN	1243
113	108	0.29	116	6	N/A	07S -0.81	BOBBIN	1244
114	39	0.58	39	11	N/A	09S -0.64	BOBBIN	1245
114	49	0.11	75	2	N/A	07S -0.73	BOBBIN	1246
		0.24	0	N/A	8	07S -0.73	RPC	1246
114	70	0.39	110	11	N/A	07S -0.73	BOBBIN	1247
114	93	0.59	75	15	N/A	02S -0.78	BOBBIN	1248

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
114	111	0.32	116	7	N/A	09S +0.68	BOBBIN	1249
115	5	0.66	0	N/A	21	07S -0.75	RPC	1250
		0.34	129	8	N/A	07S -0.79	BOBBIN	1250
115	40	0.45	89	12	N/A	07S -0.72	BOBBIN	1251
115	43	0.46	80	9	N/A	07S -0.75	BOBBIN	1252
115	57	0.77	93	14	N/A	07S -0.70	BOBBIN	1253
115	61	0.48	80	13	N/A	03S -0.70	BOBBIN	1254
115	63	0.18	99	5	N/A	07S -0.77	BOBBIN	1255
115	80	0.62	123	10	N/A	07S -0.72	BOBBIN	1256
115	87	0.4	74	11	N/A	07S -0.76	BOBBIN	1257
115	99	0.22	90	7	N/A	07S -0.76	BOBBIN	1258
115	100	0.33	93	11	N/A	07S -0.73	BOBBIN	1259
115	109	0.25	89	6	N/A	09S +0.70	BOBBIN	1260
		0.13	123	3	N/A	09S -0.77	BOBBIN	1260
115	112	0.23	0	N/A	7	10S -0.70	RPC	1261
		0.27	123	6	N/A	10S -0.79	BOBBIN	1261
115	114	0.24	110	5	N/A	07S -0.79	BOBBIN	1262
116	25	0.2	52	7	N/A	07S -0.80	BOBBIN	1263
116	35	0.61	90	15	N/A	07S -0.70	BOBBIN	1264
116	39	0.27	145	7	N/A	03S -0.70	BOBBIN	1265
116	49	0.94	101	21	N/A	07S -0.72	BOBBIN	1266
		0.63	0	N/A	23	07S -0.75	RPC	1266
116	50	0.36	94	7	N/A	07S -0.73	BOBBIN	1267
116	52	0.28	96	5	N/A	07S -0.73	BOBBIN	1268
		0.28	0	N/A	10	07S -0.72	RPC	1268
116	61	0.28	80	8	N/A	07S -0.77	BOBBIN	1269
116	62	0.26	104	4	N/A	07S -0.80	BOBBIN	1270
116	80	0.26	130	5	N/A	07S -0.80	BOBBIN	1271
116	81	0.44	93	10	N/A	07S -0.68	BOBBIN	1272
116	92	0.11	87	3	N/A	07S -0.81	BOBBIN	1273
116	100	0.41	113	11	N/A	13S -0.83	BOBBIN	1274
116	111	0.29	116	7	N/A	10S -0.72	BOBBIN	1275
117	40	0.34	108	6	N/A	07S -0.75	BOBBIN	1276
117	71	0.35	100	10	N/A	07S -0.72	BOBBIN	1277
117	73	0.41	109	11	N/A	07S -0.70	BOBBIN	1278
117	82	0.6	102	15	N/A	07S -0.76	BOBBIN	1279
118	19	0.36	120	12	N/A	07S -0.75	BOBBIN	1280
118	30	0.58	47	11	N/A	07S -0.75	BOBBIN	1281
118	56	0.16	107	3	N/A	07S -0.77	BOBBIN	1282
118	60	0.32	126	5	N/A	13S -0.82	BOBBIN	1283
		0.2	0	N/A	6	13S -0.74	RPC	1283
118	64	0.33	145	5	N/A	03S -0.79	BOBBIN	1284
118	66	0.67	119	10	N/A	07S -0.75	BOBBIN	1285
		0.37	120	6	N/A	03S -0.72	BOBBIN	1285
118	76	0.14	118	4	N/A	07S -0.72	BOBBIN	1286

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
118	89	0.26	130	7	N/A	07S -0.81	BOBBIN	1287
118	99	0.38	90	12	N/A	07S -0.76	BOBBIN	1288
118	105	0.26	97	9	N/A	09S +0.65	BOBBIN	1289
		0.25	0	N/A	9	09S +0.79	RPC	1289
119	12	0.62	114	19	N/A	07S -0.75	BOBBIN	1290
119	20	0.48	143	15	N/A	09S -0.73	BOBBIN	1291
119	40	0.39	60	10	N/A	07S -0.70	BOBBIN	1292
119	48	0.76	102	18	N/A	07S -0.72	BOBBIN	1293
119	66	0.43	134	7	N/A	07S -0.74	BOBBIN	1294
119	75	0.27	96	8	N/A	07S -0.70	BOBBIN	1295
119	79	0.26	72	7	N/A	07S -0.79	BOBBIN	1296
119	80	0.17	117	3	N/A	07S -0.77	BOBBIN	1297
119	94	0.28	110	8	N/A	13S -0.83	BOBBIN	1298
119	106	0.28	59	9	N/A	10S -0.81	BOBBIN	1299
		0.24	101	8	N/A	09S +0.60	BOBBIN	1299
		0.24	0	N/A	9	09S +0.69	RPC	1299
		0.23	0	N/A	7	10S -0.70	RPC	1299
120	3	0.3	0	N/A	10	07S -0.65	RPC	1300
		0.33	51	8	N/A	07S -0.72	BOBBIN	1300
120	5	0.4	144	13	N/A	03S -0.79	BOBBIN	1301
		0.28	0	N/A	9	03S -0.3	RPC	1301
120	50	0.29	94	6	N/A	07S -0.73	BOBBIN	1302
120	56	0.21	118	4	N/A	03S -0.79	BOBBIN	1303
120	63	0.83	78	18	N/A	07S -0.75	BOBBIN	1304
120	97	0.41	110	8	N/A	07S -0.76	BOBBIN	1305
120	102	0.25	79	8	N/A	09S +0.64	BOBBIN	1306
		0.4	98	12	N/A	07S -0.77	BOBBIN	1306
120	103	0.28	91	6	N/A	09S -0.78	BOBBIN	1307
120	105	0.33	95	7	N/A	09S +0.65	BOBBIN	1308
121	38	0.59	84	11	N/A	07S -0.73	BOBBIN	1309
121	45	0.86	95	15	N/A	07S -0.72	BOBBIN	1310
121	48	0.25	119	7	N/A	07S -0.72	BOBBIN	1311
121	49	0.43	81	8	N/A	07S -0.75	BOBBIN	1312
121	56	0.37	126	7	N/A	14S -0.87	BOBBIN	1313
121	63	0.52	93	12	N/A	07S -0.77	BOBBIN	1314
121	64	0.21	131	4	N/A	07S -0.84	BOBBIN	1315
121	68	0.24	92	5	N/A	07S -0.77	BOBBIN	1316
121	78	0.23	101	4	N/A	03S -0.75	BOBBIN	1317
121	91	0.24	115	4	N/A	07S -0.73	BOBBIN	1318
121	95	0.27	128	5	N/A	08S +0.67	BOBBIN	1319
122	18	0.31	82	10	N/A	03S -0.85	BOBBIN	1320
122	38	0.5	105	14	N/A	07S -0.70	BOBBIN	1321
122	55	0.52	107	12	N/A	07S -0.73	BOBBIN	1322
122	56	0.25	110	5	N/A	07S -0.77	BOBBIN	1323
122	57	0.38	69	9	N/A	07S -0.75	BOBBIN	1324

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
122	72	0.21	115	4	N/A	07S -0.80	BOBBIN	1325
122	101	0.23	101	7	N/A	09S +0.67	BOBBIN	1326
		0.2	0	N/A	6	09S +0.75	RPC	1326
122	102	0.33	99	7	N/A	07S -0.80	BOBBIN	1327
122	103	0.24	76	8	N/A	10S -0.83	BOBBIN	1328
		0.29	0	N/A	9	10S -0.67	RPC	1328
123	6	0.28	90	9	N/A	07S -0.62	BOBBIN	1329
		0.32	100	10	N/A	07S +0.69	BOBBIN	1329
		0.43	0	N/A	14	07S -0.67	RPC	1329
		0.26	0	N/A	9	07S +0.75	RPC	1329
123	8	0.34	139	11	N/A	07S -0.71	BOBBIN	1330
		0.27	0	N/A	9	07S -0.74	RPC	1330
123	30	0.46	117	13	N/A	07S -0.74	BOBBIN	1331
123	43	0.32	93	7	N/A	07S -0.74	BOBBIN	1332
		0.34	0	N/A	11	07S -0.75	RPC	1332
123	65	0.19	106	4	N/A	07S -0.82	BOBBIN	1333
123	70	0.32	92	8	N/A	07S -0.77	BOBBIN	1334
123	74	0.62	89	14	N/A	07S -0.75	BOBBIN	1335
123	76	0.43	95	10	N/A	07S -0.81	BOBBIN	1336
123	93	0.28	88	5	N/A	07S -0.69	BOBBIN	1337
123	102	0.51	110	11	N/A	10S -0.80	BOBBIN	1338
123	103	0.39	122	8	N/A	10S -0.69	BOBBIN	1339
124	6	0.29	118	9	N/A	07S +0.71	BOBBIN	1340
		0.45	0	N/A	15	07S +0.56	RPC	1340
124	17	0.62	96	19	N/A	07S -0.77	BOBBIN	1341
124	29	0.14	61	4	N/A	06S -0.68	BOBBIN	1342
		0.38	126	11	N/A	07S -0.72	BOBBIN	1342
124	44	0.19	81	4	N/A	07S -0.72	BOBBIN	1343
		0.46	0	N/A	15	07S -0.74	RPC	1343
124	45	0.35	128	10	N/A	07S -0.74	BOBBIN	1344
124	48	0.52	95	11	N/A	07S -0.74	BOBBIN	1345
124	57	0.21	79	5	N/A	07S -0.75	BOBBIN	1346
		0.1	0	N/A	4	07S -0.75	RPC	1346
124	65	0.21	96	5	N/A	07S -0.75	BOBBIN	1347
		0.21	0	N/A	7	07S -0.75	RPC	1347
124	66	0.13	93	3	N/A	03S -0.73	BOBBIN	1348
124	67	0.41	65	10	N/A	07S -0.75	BOBBIN	1349
		0.28	0	N/A	9	07S -0.68	RPC	1349
124	70	0.2	125	4	N/A	07S -0.82	BOBBIN	1350
124	71	1.56	84	27	N/A	07S -0.75	BOBBIN	1351
		0.8	0	N/A	28	07S -0.75	RPC	1351
124	73	0.4	97	10	N/A	07S -0.75	BOBBIN	1352
124	99	0.31	97	10	N/A	10S -0.76	BOBBIN	1353
125	1	0.49	136	13	N/A	15S -0.77	BOBBIN	1354
125	34	0.36	109	7	N/A	07S -0.73	BOBBIN	1355

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
125	42	0.3	107	9	N/A	07S -0.73	BOBBIN	1356
		0.46	0	N/A	15	07S -0.74	RPC	1356
125	82	0.27	69	5	N/A	07S -0.73	BOBBIN	1357
125	86	0.31	102	6	N/A	07S -0.76	BOBBIN	1358
125	89	0.59	100	17	N/A	07S -0.76	BOBBIN	1359
125	92	0.19	109	3	N/A	07S -0.78	BOBBIN	1360
125	98	0.43	117	9	N/A	10S -0.72	BOBBIN	1361
125	100	0.37	80	12	N/A	10S -0.76	BOBBIN	1362
126	1	0.37	94	10	N/A	15S -0.75	BOBBIN	1363
126	2	0.41	57	14	N/A	09S +0.72	BOBBIN	1364
		0.3	52	11	N/A	10S -0.72	BOBBIN	1364
		0.23	92	9	N/A	10S +0.67	BOBBIN	1364
		0.24	0	N/A	8	09S +0.64	RPC	1364
		0.25	0	N/A	9	09S -0.63	RPC	1364
126	4	0.29	71	10	N/A	09S +0.69	BOBBIN	1365
		0.32	0	N/A	11	09S +0.69	RPC	1365
126	13	0.37	60	13	N/A	07S -0.71	BOBBIN	1366
126	22	0.29	62	7	N/A	14S -0.87	BOBBIN	1367
126	26	0.32	83	11	N/A	15S -0.77	BOBBIN	1368
126	43	0.35	37	9	N/A	07S -0.71	BOBBIN	1369
126	53	0.39	120	7	N/A	07S -0.84	BOBBIN	1370
126	62	0.23	70	6	N/A	07S -0.77	BOBBIN	1371
		0.5	0	N/A	16	07S -0.61	RPC	1371
126	64	0.27	75	7	N/A	07S -0.77	BOBBIN	1372
126	66	0.26	88	7	N/A	07S -0.73	BOBBIN	1373
126	68	0.18	84	5	N/A	07S -0.75	BOBBIN	1374
		0.2	0	N/A	6	07S -0.75	RPC	1374
126	75	0.2	151	4	N/A	07S -0.84	BOBBIN	1375
126	96	0.33	96	11	N/A	09S +0.63	BOBBIN	1376
		0.32	0	N/A	12	09S +0.70	RPC	1376
126	98	0.4	123	13	N/A	10S -0.72	BOBBIN	1377
		0.19	136	7	N/A	10S +0.61	BOBBIN	1377
		0.42	0	N/A	13	10S -0.66	RPC	1377
127	3	0.33	114	12	N/A	10S +0.74	BOBBIN	1378
		0.34	39	12	N/A	10S -0.62	BOBBIN	1378
127	5	0.29	41	10	N/A	09S -0.54	BOBBIN	1379
		0.35	0	N/A	12	09S -0.54	RPC	1379
127	6	0.31	108	8	N/A	14S -0.83	BOBBIN	1380
127	20	0.3	115	8	N/A	13S -0.85	BOBBIN	1381
127	31	0.21	75	5	N/A	07S -0.71	BOBBIN	1382
127	53	0.32	89	8	N/A	07S -0.77	BOBBIN	1383
		0.19	0	N/A	7	07S -0.58	RPC	1383
127	58	0.42	102	8	N/A	07S -0.80	BOBBIN	1384
127	95	0.54	83	11	N/A	10S -0.79	BOBBIN	1385
127	96	0.2	89	7	N/A	10S +0.63	BOBBIN	1386

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.6	103	18	N/A	10S -0.81	BOBBIN	1386
		0.67	0	N/A	19	10S -0.59	RPC	1386
127	98	0.17	104	6	N/A	10S -0.74	BOBBIN	1387
		0.2	0	N/A	6	10S -0.71	RPC	1387
128	8	0.29	82	11	N/A	07S +0.67	BOBBIN	1388
		0.3	0	N/A	10	07S +0.64	RPC	1388
128	33	0.39	114	12	N/A	09S -0.73	BOBBIN	1389
128	38	0.19	80	5	N/A	09S -0.78	BOBBIN	1390
128	39	0.29	0	N/A	9	07S -0.73	RPC	1391
		0.34	91	11	N/A	07S -0.77	BOBBIN	1391
128	52	0.34	143	8	N/A	07S -0.75	BOBBIN	1392
		0.19	0	N/A	7	07S -0.61	RPC	1392
128	53	0.58	103	10	N/A	13S -0.82	BOBBIN	1393
128	58	0.29	73	8	N/A	07S -0.75	BOBBIN	1394
		0.27	0	N/A	9	07S -0.70	RPC	1394
128	66	0.6	102	15	N/A	07S -0.75	BOBBIN	1395
128	85	0.19	75	7	N/A	07S -0.72	BOBBIN	1396
128	87	0.29	116	10	N/A	13S -0.83	BOBBIN	1397
128	93	0.32	93	11	N/A	10S -0.79	BOBBIN	1398
128	94	0.34	84	7	N/A	10S -0.62	BOBBIN	1399
129	1	0.39	154	10	N/A	10S +0.74	BOBBIN	1400
		0.36	0	N/A	12	10S +0.73	RPC	1400
129	2	0.46	98	12	N/A	11S -0.72	BOBBIN	1401
129	3	0.42	92	14	N/A	09S +0.76	BOBBIN	1402
		0.56	0	N/A	18	09S +0.65	RPC	1402
129	4	0.33	102	8	N/A	09S +0.61	BOBBIN	1403
		0.48	0	N/A	16	09S +0.65	RPC	1403
129	34	0.8	90	21	N/A	07S -0.82	BOBBIN	1404
129	40	0.33	44	11	N/A	07S -0.77	BOBBIN	1405
129	51	0.43	98	11	N/A	07S -0.75	BOBBIN	1406
		0.28	0	N/A	10	07S -0.74	RPC	1406
129	52	0.32	115	6	N/A	07S -0.77	BOBBIN	1407
129	53	0.67	111	16	N/A	09S -0.75	BOBBIN	1408
		0.64	82	15	N/A	07S -0.73	BOBBIN	1408
129	69	0.6	90	15	N/A	07S -0.75	BOBBIN	1409
129	93	0.31	100	10	N/A	10S -0.68	BOBBIN	1410
		0.21	112	7	N/A	10S +0.64	BOBBIN	1410
129	94	0.33	61	11	N/A	13S -0.72	BOBBIN	1411
		0.21	104	8	N/A	10S -0.76	BOBBIN	1411
		0.24	111	8	N/A	07S -0.89	BOBBIN	1411
		0.43	0	N/A	13	13S -0.71	RPC	1411
		0.13	0	N/A	4	07S -0.73	RPC	1411
130	2	0.26	64	9	N/A	13S -0.73	BOBBIN	1412
		0.51	0	N/A	16	13S -0.75	RPC	1412
130	6	0.46	43	15	N/A	09S +0.71	BOBBIN	1413

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.24	0	N/A	8	09S +0.72	RPC	1413
130	14	0.69	101	21	N/A	09S -0.85	BOBBIN	1414
		0.38	124	13	N/A	07S +0.79	BOBBIN	1414
130	19	0.44	24	12	N/A	10S -0.83	BOBBIN	1415
130	23	0.63	71	15	N/A	07S -0.68	BOBBIN	1416
130	33	0.31	34	8	N/A	07S -0.69	BOBBIN	1417
130	39	0.4	90	10	N/A	03S -0.71	BOBBIN	1418
130	47	0.41	117	7	N/A	07S -0.77	BOBBIN	1419
130	65	0.44	100	11	N/A	07S -0.73	BOBBIN	1420
130	71	0.28	127	8	N/A	07S -0.75	BOBBIN	1421
130	91	0.33	115	11	N/A	10S -0.74	BOBBIN	1422
130	92	0.48	96	10	N/A	10S -0.77	BOBBIN	1423
130	93	0.3	110	10	N/A	10S -0.77	BOBBIN	1424
		0.22	126	8	N/A	07S -0.81	BOBBIN	1424
		0.22	0	N/A	7	07S -0.75	RPC	1424
131	50	0.4	102	7	N/A	07S -0.75	BOBBIN	1425
131	66	0.25	94	7	N/A	07S -0.77	BOBBIN	1426
131	67	0.25	118	5	N/A	07S -0.77	BOBBIN	1427
131	81	0.29	106	5	N/A	13S -0.82	BOBBIN	1428
131	82	0.31	126	10	N/A	13S -0.81	BOBBIN	1429
		0.2	108	7	N/A	07S -0.79	BOBBIN	1429
		0.23	0	N/A	7	13S -0.70	RPC	1429
131	90	0.25	122	9	N/A	10S -0.72	BOBBIN	1430
		0.37	0	N/A	12	10S -0.74	RPC	1430
132	4	0.45	95	15	N/A	09S +0.65	BOBBIN	1431
		0.36	0	N/A	12	09S +0.62	RPC	1431
132	6	0.24	85	9	N/A	07S -0.71	BOBBIN	1432
		0.6	0	N/A	19	07S -0.71	RPC	1432
132	26	0.27	114	9	N/A	07S -0.79	BOBBIN	1433
132	30	0.41	99	13	N/A	07S -0.83	BOBBIN	1434
132	36	0.16	121	4	N/A	07S -0.71	BOBBIN	1435
132	45	0.43	106	8	N/A	07S -0.75	BOBBIN	1436
132	48	0.52	101	9	N/A	07S -0.75	BOBBIN	1437
132	49	0.34	0	N/A	10	07S -0.65	RPC	1438
		0.44	61	11	N/A	07S -0.75	BOBBIN	1438
132	58	0.3	114	6	N/A	07S -0.77	BOBBIN	1439
132	63	0.97	103	21	N/A	07S -0.73	BOBBIN	1440
132	72	0.26	78	5	N/A	07S -0.77	BOBBIN	1441
132	74	0.26	38	5	N/A	07S -0.77	BOBBIN	1442
132	76	0.31	127	6	N/A	13S -0.82	BOBBIN	1443
132	77	0.18	106	6	N/A	13S -0.83	BOBBIN	1444
132	80	0.22	107	4	N/A	07S -0.82	BOBBIN	1445
132	83	0.17	82	6	N/A	10S -0.72	BOBBIN	1446
		0.3	0	N/A	9	10S -0.68	RPC	1446
132	84	0.49	131	10	N/A	10S -0.71	BOBBIN	1447

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
132	85	0.31	99	10	N/A	07S -0.81	BOBBIN	1448
133	2	0.29	111	7	N/A	12S +0.67	BOBBIN	1449
		0.42	0	N/A	14	12S +0.67	RPC	1449
		0.3	0	N/A	10	12S -0.65	RPC	1449
133	3	0.5	40	16	N/A	10S -0.61	BOBBIN	1450
		0.39	0	N/A	13	10S -0.68	RPC	1450
		0.34	0	N/A	12	10S +0.72	RPC	1450
133	5	0.32	77	11	N/A	09S +0.74	BOBBIN	1451
		0.3	0	N/A	10	09S +0.72	RPC	1451
133	7	0.36	51	13	N/A	15S +0.71	BOBBIN	1452
133	35	0.28	55	7	N/A	07S -0.75	BOBBIN	1453
133	49	0.39	81	10	N/A	07S -0.71	BOBBIN	1454
		0.26	0	N/A	9	07S -0.73	RPC	1454
133	57	0.22	0	N/A	7	07S -0.75	RPC	1455
		0.28	114	8	N/A	07S -0.77	BOBBIN	1455
133	69	0.36	106	10	N/A	13S -0.80	BOBBIN	1456
133	85	0.25	107	4	N/A	10S -0.71	BOBBIN	1457
134	4	0.38	131	13	N/A	09S +0.69	BOBBIN	1458
		0.21	66	8	N/A	10S -0.63	BOBBIN	1458
		0.31	0	N/A	11	10S +0.68	RPC	1458
		0.31	0	N/A	10	10S -0.73	RPC	1458
		0.26	0	N/A	9	09S +0.72	RPC	1458
134	6	0.86	38	24	N/A	09S +0.74	BOBBIN	1459
		0.25	0	N/A	8	09S +0.75	RPC	1459
134	7	0.48	61	13	N/A	09S +0.72	BOBBIN	1460
134	29	0.39	130	12	N/A	07S -0.81	BOBBIN	1461
134	35	0.26	0	N/A	9	07S -0.75	RPC	1462
		0.26	95	9	N/A	07S -0.77	BOBBIN	1462
134	38	0.38	81	10	N/A	07S -0.73	BOBBIN	1463
134	39	0.33	114	11	N/A	07S -0.76	BOBBIN	1464
134	45	0.57	75	14	N/A	07S -0.73	BOBBIN	1465
134	48	0.48	123	8	N/A	13S -0.77	BOBBIN	1466
		0.21	0	N/A	6	13S -0.70	RPC	1466
134	53	0.29	37	8	N/A	07S -0.73	BOBBIN	1467
134	63	0.75	94	17	N/A	07S -0.75	BOBBIN	1468
134	70	0.21	149	3	N/A	07S -0.80	BOBBIN	1469
134	75	0.25	42	9	N/A	07S -0.75	BOBBIN	1470
		0.27	0	N/A	8	07S -0.75	RPC	1470
134	78	0.26	122	5	N/A	07S -0.82	BOBBIN	1471
134	81	0.22	88	8	N/A	07S -0.77	BOBBIN	1472
		0.26	0	N/A	9	07S -0.75	RPC	1472
134	85	0.24	113	9	N/A	07S -0.81	BOBBIN	1473
135	2	0.4	85	11	N/A	10S +0.70	BOBBIN	1474
135	3	0.34	106	12	N/A	10S -0.61	BOBBIN	1475
		0.38	0	N/A	13	10S -0.68	RPC	1475

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
		0.45	0	N/A	15	10S +0.71	RPC	1475
135	29	0.34	67	9	N/A	07S -0.73	BOBBIN	1476
135	41	0.18	100	4	N/A	07S -0.71	BOBBIN	1477
135	43	0.45	113	12	N/A	09S -0.77	BOBBIN	1478
		0.56	83	14	N/A	07S -0.75	BOBBIN	1478
135	45	0.3	94	8	N/A	07S -0.71	BOBBIN	1479
135	47	0.48	104	12	N/A	07S -0.75	BOBBIN	1480
135	81	0.37	98	7	N/A	10S -0.73	BOBBIN	1481
136	1	0.46	109	12	N/A	10S +0.59	BOBBIN	1482
136	3	0.67	113	18	N/A	10S +0.61	BOBBIN	1483
		0.48	150	13	N/A	11S -0.70	BOBBIN	1483
136	4	0.38	51	13	N/A	10S -0.65	BOBBIN	1484
		0.27	36	10	N/A	10S +0.75	BOBBIN	1484
136	9	0.39	30	13	N/A	09S +0.69	BOBBIN	1485
		0.24	0	N/A	8	09S +0.73	RPC	1485
136	13	0.41	137	14	N/A	15S -0.83	BOBBIN	1486
136	15	0.13	110	5	N/A	15S -0.83	BOBBIN	1487
136	28	0.28	39	7	N/A	07S -0.75	BOBBIN	1488
136	32	0.38	96	10	N/A	07S -0.71	BOBBIN	1489
136	45	0.98	99	21	N/A	07S -0.75	BOBBIN	1490
136	49	0.55	96	14	N/A	07S -0.75	BOBBIN	1491
136	73	0.24	61	8	N/A	09S -0.72	BOBBIN	1492
136	79	0.18	102	7	N/A	13S -0.81	BOBBIN	1493
		0.29	0	N/A	9	13S -0.75	RPC	1493
136	81	0.29	105	10	N/A	13S -0.77	BOBBIN	1494
137	1	0.32	98	8	N/A	10S +0.74	BOBBIN	1495
		0.27	163	7	N/A	10S -0.61	BOBBIN	1495
137	2	0.37	65	10	N/A	10S +0.70	BOBBIN	1496
137	3	0.43	92	15	N/A	10S -0.67	BOBBIN	1497
		0.29	86	10	N/A	10S +0.69	BOBBIN	1497
137	28	0.17	120	6	N/A	07S -0.79	BOBBIN	1498
137	43	0.28	97	8	N/A	07S -0.73	BOBBIN	1499
137	57	0.28	96	8	N/A	07S -0.75	BOBBIN	1500
137	66	0.35	107	6	N/A	15S -0.82	BOBBIN	1501
		0.26	0	N/A	8	15S -0.74	RPC	1501
137	74	0.14	119	5	N/A	07S -0.83	BOBBIN	1502
137	77	0.48	148	10	N/A	07S -0.86	BOBBIN	1503
138	1	0.35	125	9	N/A	12S +0.69	BOBBIN	1504
		0.34	137	9	N/A	10S -0.68	BOBBIN	1504
		0.53	0	N/A	17	12S +0.66	RPC	1504
138	2	0.48	64	16	N/A	10S -0.55	BOBBIN	1505
		0.44	69	15	N/A	10S +0.69	BOBBIN	1505
		0.81	57	23	N/A	11S -0.69	BOBBIN	1505
138	9	0.4	65	14	N/A	09S +0.60	BOBBIN	1506
138	20	0.44	76	14	N/A	07S -0.79	BOBBIN	1507

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
138	28	0.26	106	9	N/A	07S -0.86	BOBBIN	1508
138	30	0.69	93	19	N/A	07S -0.79	BOBBIN	1509
138	42	0.18	0	N/A	6	07S -0.75	RPC	1510
		0.31	85	8	N/A	07S -0.78	BOBBIN	1510
138	50	0.2	0	N/A	6	07S -0.68	RPC	1511
		0.28	103	8	N/A	07S -0.73	BOBBIN	1511
138	59	0.33	116	6	N/A	13S -0.82	BOBBIN	1512
138	63	0.43	102	8	N/A	13S -0.79	BOBBIN	1513
138	66	0.26	111	9	N/A	13S -0.77	BOBBIN	1514
138	74	0.24	111	8	N/A	13S -0.77	BOBBIN	1515
		0.26	0	N/A	9	13S -0.65	RPC	1515
139	3	0.33	94	12	N/A	10S +0.71	BOBBIN	1516
139	5	0.27	59	10	N/A	09S +0.71	BOBBIN	1517
		0.27	0	N/A	9	09S +0.69	RPC	1517
139	7	0.38	83	13	N/A	05S -0.83	BOBBIN	1518
139	15	0.3	160	8	N/A	07S -0.58	BOBBIN	1519
139	21	0.37	32	9	N/A	07S -0.71	BOBBIN	1520
139	24	0.11	109	4	N/A	07S -0.79	BOBBIN	1521
139	34	0.31	0	N/A	11	07S -0.69	RPC	1522
		0.24	86	8	N/A	07S -0.75	BOBBIN	1522
139	45	1.11	105	23	N/A	07S -0.73	BOBBIN	1523
139	49	0.24	0	N/A	7	07S -0.70	RPC	1524
		0.25	69	7	N/A	07S -0.78	BOBBIN	1524
139	53	0.3	0	N/A	9	07S -0.73	RPC	1525
		0.36	86	10	N/A	07S -0.78	BOBBIN	1525
139	64	0.27	126	5	N/A	14S -0.80	BOBBIN	1526
		0.24	0	N/A	7	14S -0.74	RPC	1526
139	74	0.19	80	7	N/A	13S +0.57	BOBBIN	1527
		0.82	105	22	N/A	07S -0.81	BOBBIN	1527
		0.65	0	N/A	24	07S -0.75	RPC	1527
140	3	0.33	95	12	N/A	03S -0.80	BOBBIN	1528
		0.43	128	15	N/A	10S -0.73	BOBBIN	1528
		0.27	49	10	N/A	10S +0.67	BOBBIN	1528
		0.28	0	N/A	10	10S -0.72	RPC	1528
		0.28	0	N/A	10	10S +0.67	RPC	1528
140	4	0.24	93	5	N/A	10S +0.63	BOBBIN	1529
140	6	0.33	81	8	N/A	13S -0.80	BOBBIN	1530
140	14	0.36	160	12	N/A	07S -0.73	BOBBIN	1531
140	15	0.83	101	19	N/A	07S -0.76	BOBBIN	1532
		1.07	0	N/A	34	07S -0.72	RPC	1532
140	21	0.33	90	8	N/A	07S -0.74	BOBBIN	1533
140	32	0.42	97	13	N/A	07S -0.74	BOBBIN	1534
140	55	0.29	84	8	N/A	09S -0.77	BOBBIN	1535
140	58	0.39	112	8	N/A	13S -0.79	BOBBIN	1536
141	3	0.4	39	11	N/A	10S -0.70	BOBBIN	1537

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
141	4	0.45	52	15	N/A	10S +0.59	BOBBIN	1538
141	26	0.14	78	4	N/A	07S -0.79	BOBBIN	1539
141	29	0.56	87	16	N/A	13S -0.84	BOBBIN	1540
141	39	0.23	108	4	N/A	07S -0.77	BOBBIN	1541
141	57	0.32	125	6	N/A	07S -0.75	BOBBIN	1542
141	59	0.39	106	8	N/A	14S -0.82	BOBBIN	1543
141	61	0.35	59	7	N/A	05S +0.36	BOBBIN	1544
142	3	0.36	135	13	N/A	10S -0.74	BOBBIN	1545
		0.3	32	11	N/A	10S +0.63	BOBBIN	1545
142	11	0.35	116	11	N/A	07S -0.70	BOBBIN	1546
142	12	0.25	130	7	N/A	07S -0.69	BOBBIN	1547
142	14	0.42	111	12	N/A	07S -0.76	BOBBIN	1548
142	15	0.31	124	9	N/A	07S -0.73	BOBBIN	1549
142	17	0.34	100	10	N/A	07S -0.77	BOBBIN	1550
142	24	0.23	133	7	N/A	07S -0.75	BOBBIN	1551
		0.34	0	N/A	11	07S -0.69	RPC	1551
142	25	0.26	99	8	N/A	07S -0.71	BOBBIN	1552
142	34	0.32	73	6	N/A	08S -0.75	BOBBIN	1553
142	38	0.27	104	5	N/A	07S -0.79	BOBBIN	1554
142	40	0.29	110	6	N/A	13S -0.82	BOBBIN	1555
142	55	0.37	116	13	N/A	09S -0.82	BOBBIN	1556
142	57	0.4	113	13	N/A	07S -0.73	BOBBIN	1557
142	65	0.32	60	11	N/A	08S -0.67	BOBBIN	1558
143	2	0.15	112	2	N/A	10S -0.72	BOBBIN	1559
143	3	0.69	105	21	N/A	10S -0.72	BOBBIN	1560
143	15	0.42	48	12	N/A	04S -0.71	BOBBIN	1561
143	26	0.21	109	6	N/A	07S -0.79	BOBBIN	1562
143	27	0.23	138	7	N/A	15S -0.79	BOBBIN	1563
		0.21	0	N/A	7	15S -0.69	RPC	1563
143	31	0.3	117	9	N/A	07S -0.79	BOBBIN	1564
143	60	0.36	133	12	N/A	13S -0.74	BOBBIN	1565
144	2	0.53	46	17	N/A	10S -0.67	BOBBIN	1566
144	3	0.51	41	17	N/A	10S -0.74	BOBBIN	1567
144	8	0.19	107	6	N/A	07S -0.67	BOBBIN	1568
144	9	0.27	120	8	N/A	07S -0.73	BOBBIN	1569
144	12	0.64	67	18	N/A	07S -0.75	BOBBIN	1570
		0.65	0	N/A	24	07S -0.75	RPC	1570
144	13	0.43	95	13	N/A	07S -0.73	BOBBIN	1571
144	15	0.64	91	18	N/A	07S -0.73	BOBBIN	1572
144	16	0.33	99	10	N/A	07S -0.75	BOBBIN	1573
144	19	0.34	134	10	N/A	07S -0.79	BOBBIN	1574
144	22	0.27	110	8	N/A	07S -0.75	BOBBIN	1575
144	23	0.25	120	7	N/A	07S -0.79	BOBBIN	1576
144	31	0.33	122	11	N/A	07S -0.75	BOBBIN	1577
144	49	0.92	93	25	N/A	07S -0.74	BOBBIN	1578

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
144	50	0.13	86	2	N/A	07S -0.75	BOBBIN	1579
144	51	0.4	107	14	N/A	07S -0.75	BOBBIN	1580
144	56	0.4	108	10	N/A	07S -0.75	BOBBIN	1581
144	57	0.39	110	13	N/A	13S -0.76	BOBBIN	1582
		0.64	99	19	N/A	07S -0.72	BOBBIN	1582
145	2	0.37	61	11	N/A	10S -0.66	BOBBIN	1583
145	8	0.43	98	13	N/A	07S -0.75	BOBBIN	1584
145	10	0.21	95	6	N/A	04S -0.77	BOBBIN	1585
		0.15	151	4	N/A	07S -0.75	BOBBIN	1585
145	12	0.32	61	10	N/A	07S -0.71	BOBBIN	1586
145	13	0.22	81	6	N/A	07S -0.73	BOBBIN	1587
145	15	0.23	147	7	N/A	07S -0.80	BOBBIN	1588
145	21	0.27	113	8	N/A	07S -0.80	BOBBIN	1589
145	22	0.29	92	9	N/A	13S -0.84	BOBBIN	1590
145	26	0.23	110	6	N/A	07S +0.71	BOBBIN	1591
		0.13	106	3	N/A	07S -0.82	BOBBIN	1591
		0.31	0	N/A	10	07S -0.66	RPC	1591
		0.24	0	N/A	8	07S +0.70	RPC	1591
145	28	0.31	97	6	N/A	07S -0.66	BOBBIN	1592
145	33	0.3	94	10	N/A	07S +0.67	BOBBIN	1593
		0.32	92	11	N/A	07S -0.82	BOBBIN	1593
		0.17	0	N/A	5	07S -0.73	RPC	1593
		0.27	0	N/A	8	07S +0.70	RPC	1593
145	34	0.38	95	7	N/A	07S -0.70	BOBBIN	1594
145	39	0.28	105	10	N/A	07S -0.05	BOBBIN	1595
145	47	0.24	95	8	N/A	07S -0.75	BOBBIN	1596
		0.22	0	N/A	7	07S -0.75	RPC	1596
145	54	0.24	107	8	N/A	10S -0.70	BOBBIN	1597
146	1	0.21	82	6	N/A	13S -0.79	BOBBIN	1598
146	11	0.21	119	6	N/A	07S -0.75	BOBBIN	1599
146	14	0.62	100	17	N/A	07S -0.75	BOBBIN	1600
146	16	0.25	131	7	N/A	07S -0.80	BOBBIN	1601
146	17	0.31	81	10	N/A	07S -0.79	BOBBIN	1602
		0.33	0	N/A	11	07S -0.70	RPC	1602
146	18	0.2	121	6	N/A	07S -0.80	BOBBIN	1603
146	19	0.4	85	12	N/A	07S -0.75	BOBBIN	1604
146	24	0.27	111	8	N/A	09S +0.41	BOBBIN	1605
146	26	0.28	85	5	N/A	09S +0.68	BOBBIN	1606
		0.58	90	11	N/A	09S -0.82	BOBBIN	1606
		0.23	48	4	N/A	08S +0.64	BOBBIN	1606
		0.85	87	15	N/A	08S -0.67	BOBBIN	1606
		0.41	58	8	N/A	07S +0.61	BOBBIN	1606
		0.24	62	5	N/A	07S -0.59	BOBBIN	1606
		0.61	0	N/A	23	08S -0.74	RPC	1606
		0.19	0	N/A	8	08S +0.71	RPC	1606

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
146	30	0.29	70	6	N/A	07S -0.65	BOBBIN	1607
146	47	0.31	126	6	N/A	07S -0.84	BOBBIN	1608
146	48	0.39	103	13	N/A	10S -0.69	BOBBIN	1609
146	49	0.29	121	6	N/A	10S -0.67	BOBBIN	1610
146	50	0.24	89	8	N/A	10S -0.68	BOBBIN	1611
		0.35	127	12	N/A	07S -0.77	BOBBIN	1611
		0.24	0	N/A	9	07S -0.82	RPC	1611
147	5	0.44	127	13	N/A	13S -0.82	BOBBIN	1612
147	8	0.26	109	7	N/A	08S +0.73	BOBBIN	1613
		0.26	0	N/A	8	08S +0.68	RPC	1613
147	9	0.48	78	14	N/A	02S +0.88	BOBBIN	1614
147	12	0.26	91	7	N/A	07S -0.77	BOBBIN	1615
147	15	0.42	94	13	N/A	07S -0.73	BOBBIN	1616
		0.14	144	4	N/A	07S +0.68	BOBBIN	1616
147	16	0.22	113	6	N/A	07S -0.64	BOBBIN	1617
		0.25	105	7	N/A	07S +0.75	BOBBIN	1617
147	17	0.24	89	7	N/A	07S +0.73	BOBBIN	1618
		0.28	0	N/A	9	07S +0.74	RPC	1618
147	18	0.29	119	8	N/A	07S +0.75	BOBBIN	1619
		0.23	0	N/A	8	07S +0.74	RPC	1619
147	20	0.25	131	7	N/A	07S +0.71	BOBBIN	1620
		0.28	0	N/A	9	07S -0.73	RPC	1620
		0.22	0	N/A	7	07S +0.69	RPC	1620
147	23	0.32	92	9	N/A	02S -0.62	BOBBIN	1621
		0.35	90	10	N/A	03S -0.73	BOBBIN	1621
		0.33	141	10	N/A	05S -0.71	BOBBIN	1621
		0.29	89	8	N/A	07S -0.79	BOBBIN	1621
		0.35	106	10	N/A	08S +0.62	BOBBIN	1621
		0.32	106	9	N/A	09S -0.75	BOBBIN	1621
		0.25	113	7	N/A	09S +0.64	BOBBIN	1621
		0.32	0	N/A	11	09S +0.63	RPC	1621
		0.25	0	N/A	8	08S +0.68	RPC	1621
		0.17	0	N/A	6	08S -0.74	RPC	1621
		0.25	0	N/A	8	05S -0.71	RPC	1621
		0.32	0	N/A	11	02S -0.60	RPC	1621
		0.42	0	N/A	13	09S -0.70	RPC	1621
147	24	0.28	65	5	N/A	07S -0.68	BOBBIN	1622
147	32	0.21	111	4	N/A	09S +0.66	BOBBIN	1623
147	42	0.15	59	3	N/A	10S +0.66	BOBBIN	1624
147	43	0.29	84	10	N/A	10S -0.77	BOBBIN	1625
147	44	0.17	115	3	N/A	10S -0.66	BOBBIN	1626
		0.26	108	5	N/A	07S -0.77	BOBBIN	1626
147	45	0.44	131	15	N/A	13S -0.82	BOBBIN	1627
148	2	0.3	105	9	N/A	09S -0.75	BOBBIN	1628
		0.34	86	10	N/A	13S -0.82	BOBBIN	1628

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
148	7	0.29	98	9	N/A	08S +0.71	BOBBIN	1629
		0.28	0	N/A	10	08S +0.75	RPC	1629
148	9	0.38	138	11	N/A	13S -0.81	BOBBIN	1630
		0.19	0	N/A	7	13S -0.69	RPC	1630
148	17	0.51	112	15	N/A	07S +0.64	BOBBIN	1631
148	20	0.25	125	7	N/A	10S -0.75	BOBBIN	1632
		0.47	75	14	N/A	10S +0.64	BOBBIN	1632
148	25	0.25	88	9	N/A	09S +0.59	BOBBIN	1633
		0.16	0	N/A	5	09S +0.70	RPC	1633
148	36	0.33	95	6	N/A	10S +0.64	BOBBIN	1634
148	37	0.18	65	6	N/A	10S +0.73	BOBBIN	1635
148	41	0.36	124	12	N/A	10S -0.71	BOBBIN	1636
149	1	0.2	106	6	N/A	09S -0.79	BOBBIN	1637
149	2	0.3	140	9	N/A	13S -0.79	BOBBIN	1638
149	5	0.47	49	14	N/A	13S -0.80	BOBBIN	1639
149	7	0.24	126	7	N/A	07S -0.73	BOBBIN	1640
149	11	0.41	78	12	N/A	07S -0.75	BOBBIN	1641
		0.22	74	6	N/A	12S +0.62	BOBBIN	1642
149	12	0.29	0	N/A	9	12S +0.73	RPC	1642
		0.82	86	21	N/A	10S +0.60	BOBBIN	1643
149	14	0.31	123	9	N/A	10S +0.73	BOBBIN	1644
149	15	0.16	96	5	N/A	09S +0.60	BOBBIN	1645
		0.36	89	11	N/A	10S +0.67	BOBBIN	1645
		0.15	121	4	N/A	11S -0.73	BOBBIN	1645
149	16	0.19	85	5	N/A	10S +0.69	BOBBIN	1646
149	17	0.17	48	4	N/A	10S -0.62	BOBBIN	1647
		0.28	64	8	N/A	10S +0.71	BOBBIN	1647
149	24	0.45	86	9	N/A	10S +0.71	BOBBIN	1648
149	26	0.28	102	5	N/A	10S -0.73	BOBBIN	1649
149	27	0.24	103	9	N/A	10S +0.64	BOBBIN	1650
		0.4	127	14	N/A	10S -0.75	BOBBIN	1650
149	28	0.21	106	4	N/A	13S -0.84	BOBBIN	1651
		0.27	122	5	N/A	10S -0.72	BOBBIN	1651
149	29	0.41	102	14	N/A	10S -0.71	BOBBIN	1652
149	30	0.19	112	3	N/A	13S +0.59	BOBBIN	1653
		0.53	76	10	N/A	10S +0.71	BOBBIN	1653
		0.4	86	8	N/A	10S -0.75	BOBBIN	1653
149	31	0.25	112	9	N/A	10S +0.68	BOBBIN	1654
		0.51	92	17	N/A	10S -0.68	BOBBIN	1654
149	32	0.42	78	8	N/A	10S +0.71	BOBBIN	1655
		0.3	106	6	N/A	10S -0.73	BOBBIN	1655
150	1	0.27	58	8	N/A	10S -0.69	BOBBIN	1656
		0.71	80	19	N/A	10S +0.71	BOBBIN	1656
150	3	0.39	65	11	N/A	10S -0.80	BOBBIN	1657
		0.23	0	N/A	8	10S -0.74	RPC	1657

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
150	4	0.25	109	8	N/A	13S -0.80	BOBBIN	1658
		0.3	0	N/A	10	13S -0.75	RPC	1658
150	5	0.27	102	8	N/A	10S -0.77	BOBBIN	1659
150	6	0.2	104	6	N/A	10S -0.71	BOBBIN	1660
150	9	0.24	75	7	N/A	10S -0.65	BOBBIN	1661
		0.22	112	6	N/A	10S +0.69	BOBBIN	1661
		0.25	0	N/A	8	10S +0.62	RPC	1661
		0.24	0	N/A	8	10S -0.71	RPC	1661
150	10	0.21	138	6	N/A	10S -0.69	BOBBIN	1662
		0.46	128	14	N/A	10S +0.69	BOBBIN	1662
150	11	0.38	117	11	N/A	10S -0.66	BOBBIN	1663
		0.34	113	10	N/A	10S +0.71	BOBBIN	1663
150	12	0.43	145	13	N/A	10S -0.62	BOBBIN	1664
		0.34	92	10	N/A	10S +0.64	BOBBIN	1664
150	13	0.39	88	12	N/A	10S -0.69	BOBBIN	1665
		0.33	79	10	N/A	10S +0.66	BOBBIN	1665
150	14	0.28	125	5	N/A	10S -0.78	BOBBIN	1666
150	15	0.22	108	8	N/A	10S +0.71	BOBBIN	1667
		0.26	113	9	N/A	10S -0.65	BOBBIN	1667
		0.77	105	22	N/A	07S -0.80	BOBBIN	1667
150	16	0.25	126	5	N/A	10S -0.73	BOBBIN	1668
150	17	0.36	138	12	N/A	14S -0.77	BOBBIN	1669
		0.27	111	9	N/A	10S -0.82	BOBBIN	1669
150	18	0.32	115	6	N/A	14S -0.80	BOBBIN	1670
		0.36	103	7	N/A	10S -0.83	BOBBIN	1670
150	19	0.19	140	7	N/A	10S +0.68	BOBBIN	1671
		0.37	105	13	N/A	10S -0.71	BOBBIN	1671
		0.24	132	9	N/A	09S +0.55	BOBBIN	1671
		0.23	0	N/A	8	09S +0.60	RPC	1671
150	20	0.4	79	8	N/A	10S +0.71	BOBBIN	1672
		0.39	116	8	N/A	10S -0.79	BOBBIN	1672
150	21	0.39	128	13	N/A	14S -0.80	BOBBIN	1673
		0.24	137	8	N/A	10S +0.68	BOBBIN	1673
		0.43	104	14	N/A	10S -0.73	BOBBIN	1673
150	22	0.27	100	5	N/A	10S +0.66	BOBBIN	1674
		0.28	115	5	N/A	10S -0.76	BOBBIN	1674
150	23	0.31	121	11	N/A	10S +0.64	BOBBIN	1675
		0.29	87	10	N/A	10S -0.73	BOBBIN	1675
150	24	0.55	85	11	N/A	10S +0.69	BOBBIN	1676
		0.41	104	8	N/A	10S -0.78	BOBBIN	1676
		0.17	137	3	N/A	11S -0.73	BOBBIN	1676
150	25	0.46	122	15	N/A	14S -0.80	BOBBIN	1677
		0.24	107	8	N/A	10S +0.68	BOBBIN	1677
		0.37	122	13	N/A	10S -0.73	BOBBIN	1677
		0.26	0	N/A	8	14S -0.72	RPC	1677

Tubes In-Service with Through-Wall Indications 1% to 39%
OTSG B

ROW	TUBE	VOLTS	DEG	BOBBIN %TW	RPC %TW	LOCATION	PROBE	Tube Count
150	27	0.26	91	9	N/A	10S -0.73	BOBBIN	1678
		0.33	133	11	N/A	07S -0.80	BOBBIN	1678
		0.2	0	N/A	7	07S -0.75	RPC	1678
151	2	0.27	93	8	N/A	10S -0.71	BOBBIN	1679
		0.23	88	7	N/A	13S -0.79	BOBBIN	1679
151	3	0.53	92	15	N/A	10S -0.73	BOBBIN	1680
151	4	0.33	35	10	N/A	10S -0.77	BOBBIN	1681
151	5	0.41	90	12	N/A	10S -0.73	BOBBIN	1682
		0.21	143	6	N/A	13S -0.79	BOBBIN	1682
		0.37	0	N/A	12	13S -0.70	RPC	1682
151	8	0.37	97	11	N/A	10S -0.77	BOBBIN	1683
		0.27	52	8	N/A	11S -0.54	BOBBIN	1683
		0.23	0	N/A	7	11S -0.73	RPC	1683
151	9	0.23	144	8	N/A	10S -0.77	BOBBIN	1684
151	10	0.46	96	9	N/A	10S -0.89	BOBBIN	1685
		0.31	106	6	N/A	13S +0.61	BOBBIN	1685
		0.19	92	4	N/A	10S +0.74	BOBBIN	1685
		0.3	0	N/A	10	13S +0.64	RPC	1685
151	11	0.32	136	11	N/A	10S -0.75	BOBBIN	1686
151	12	0.28	83	5	N/A	10S +0.64	BOBBIN	1687
		0.42	100	8	N/A	10S -0.76	BOBBIN	1687
151	15	0.46	100	15	N/A	10S +0.59	BOBBIN	1688
		0.42	138	14	N/A	10S -0.68	BOBBIN	1688

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

APPENDIX 2 TO SPECIAL REPORT 06-01

**FIRST SPAN IGA
IN OTSG-B**

Appendix Acronyms

IGA Intergranular Attach
LTS Lower Tubesheet
OTSG Once-Through Steam Generator
TW Through Wall

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged In 2005	Tube Count
4	40	9.75	121	33	29	4	0.13	0.13	0.00	Y	1
16	22	6.6	138	29	28	1	0.17	0.12	0.05	N	2
24	43	38.91	135	33	31	2	0.22	0.22	0.00	N	3
38	45	9.7	165	33	28	5	0.36	0.38	-0.02	N	4
38	64	8.09	142	34	32	2	0.22	0.18	0.04	N	5
40	45	8.3	53	31	29	2	0.21	0.27	-0.06	Y	6
40	45	14.8	150	32	28	4	0.18	0.19	-0.01	Y	6
40	46	10.15	158	32	31	1	0.29	0.22	0.07	N	7
41	39	10.91	70	29	27	2	0.17	0.16	0.01	N	8
42	34	8.84	140	30	28	2	0.2	0.19	0.01	N	9
42	42	10.53	153	30	32	-2	0.4	0.31	0.09	N	10
42	42	7.67	60	35	32	3	0.21	0.16	0.05	N	10
42	42	7.17	107	22	24	-2	0.13	0.09	0.04	N	10
42	47	10.94	139	32	33	-1	0.18	0.10	0.08	N	11
42	63	9.19	138	27	25	2	0.17	0.19	-0.02	N	12
42	63	13.55	131	31	28	3	0.17	0.15	0.02	N	12
43	48	26.05	167	17	17	0	0.14	0.08	0.06	N	13
43	48	10.67	99	30	27	3	0.15	0.12	0.03	N	13
43	82	4.21	133	33	29	4	0.1	0.12	-0.02	N	14
45	40	12.25	178	32	31	1	0.83	0.78	0.05	N	15
45	40	13.16	144	34	31	3	0.27	0.30	-0.03	N	15
45	40	8.73	150	34	30	4	0.24	0.29	-0.05	N	15
45	48	13.57	121	33	32	1	0.15	0.18	-0.03	N	16
45	49	13.37	125	30	34	-4	0.17	0.20	-0.03	N	17
46	41	8.54	116	34	36	-2	0.24	0.31	-0.07	N	18
46	49	14.34	123	28	24	4	0.09	0.13	-0.04	N	19
48	43	11.45	108	34	32	2	0.23	0.19	0.04	N	20
48	43	12.16	149	26	28	-2	0.24	0.14	0.10	N	20
48	43	14.87	155	31	28	3	0.15	0.15	0.00	N	20
48	43	8.79	161	30	30	0	0.23	0.32	-0.09	N	20
48	43	9.32	112	19	23	-4	0.04	0.08	-0.04	N	20
48	61	7.5	156	23	19	4	0.18	0.18	0.00	N	21
48	72	9.1	146	22	24	-2	0.12	0.11	0.01	N	22
49	56	11.93	149	25	24	1	0.11	0.09	0.02	N	23
49	56	6.34	158	22	20	2	0.13	0.16	-0.03	N	23
51	30	10.55	160	35	35	0	0.58	0.41	0.17	N	24
51	55	7.91	150	33	35	-2	0.3	0.23	0.07	N	25
51	79	13.45	141	34	36	-2	0.3	0.32	-0.02	N	26
51	79	9.75	157	33	32	1	0.26	0.18	0.08	N	26
51	80	8.63	133	33	31	2	0.18	0.19	-0.01	N	27
52	37	13.1	154	30	26	4	0.12	0.13	-0.01	N	28
52	37	13.33	47	28	25	3	0.14	0.13	0.01	N	28
52	37	13.76	161	24	28	-4	0.22	0.19	0.03	N	28
52	37	17.45	114	18	22	-4	0.06	0.05	0.01	N	28
52	49	14.64	150	32	28	4	0.28	0.21	0.07	N	29

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged in 2005	Tube Count
53	44	10.93	154	28	25	3	0.11	0.12	-0.01	N	30
53	44	8.1	125	27	24	3	0.11	0.12	-0.01	N	30
53	44	10.62	126	33	31	2	0.23	0.18	0.05	N	30
53	44	9.6	141	36	35	1	0.35	0.28	0.07	N	30
54	82	10.78	123	35	36	-1	0.31	0.28	0.03	N	31
54	82	6	109	24	26	-2	0.1	0.10	0.00	N	31
54	82	9.7	157	30	24	6	0.23	0.23	0.00	N	31
56	37	11.29	114	31	27	4	0.17	0.18	-0.01	N	32
56	37	8.52	157	34	32	2	0.4	0.34	0.06	N	32
56	53	11.56	145	32	33	-1	0.31	0.29	0.02	N	33
56	53	13.42	160	19	24	-5	0.18	0.15	0.03	N	33
56	53	14.4	164	30	27	3	0.23	0.20	0.03	N	33
56	53	5.48	157	33	32	1	0.34	0.24	0.10	N	33
57	33	14.22	147	27	29	-2	0.26	0.24	0.02	N	34
57	33	27.1	144	33	34	-1	0.19	0.22	-0.03	N	34
57	89	10.19	123	29	22	7	0.13	0.12	0.01	N	35
57	89	6.56	123	34	28	6	0.19	0.19	0.00	N	35
57	89	7.2	138	28	25	3	0.14	0.12	0.02	N	35
57	89	7.4	144	18	20	-2	0.1	0.10	0.00	N	35
58	33	11.36	145	23	19	4	0.12	0.11	0.01	N	36
58	33	15.56	172	31	32	-1	0.16	0.22	-0.06	N	36
58	33	8.9	169	32	30	2	0.37	0.25	0.12	N	36
58	89	5.81	131	36	34	2	0.25	0.25	0.00	N	37
59	30	9.82	163	30	32	-2	0.29	0.29	0.00	N	38
59	40	9.31	144	28	29	-1	0.2	0.11	0.09	N	39
59	80	12.17	144	31	27	4	0.23	0.20	0.03	N	40
60	34	15.6	170	31	31	0	0.18	0.18	0.00	N	41
60	44	8.33	154	29	26	3	0.25	0.17	0.08	N	42
61	25	6.76	131	35	32	3	0.26	0.28	-0.02	N	43
61	25	8.04	133	33	34	-1	0.47	0.35	0.12	N	43
61	27	9.89	158	36	36	0	0.26	0.25	0.01	N	44
61	46	8.43	150	21	21	0	0.29	0.13	0.16	N	45
61	82	12.27	158	20	20	0	0.15	0.14	0.01	N	46
61	82	8.33	133	34	33	1	0.3	0.27	0.03	N	46
61	88	6	111	32	28	4	0.14	0.15	-0.01	N	47
62	28	10.61	148	37	33	4	0.48	0.48	0.00	N	48
62	28	9.97	148	29	25	4	0.24	0.15	0.09	N	48
62	28	8.13	137	34	35	-1	0.26	0.22	0.04	N	48
62	28	11.38	170	26	23	3	0.07	0.09	-0.02	N	48
62	44	11.92	166	30	32	-2	0.27	0.10	0.17	N	49
62	44	9.77	114	28	25	3	0.13	0.19	-0.06	N	49
62	99	10.18	140	31	29	2	0.2	0.12	0.08	N	50
62	99	9.33	141	36	34	2	0.25	0.20	0.05	N	50
63	26	11.64	131	34	32	2	0.11	0.15	-0.04	N	51
63	26	27.73	177	27	29	-2	0.61	0.33	0.28	N	51

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged in 2005	Tube Count
63	41	12.44	144	34	31	3	0.39	0.27	0.12	N	52
63	41	13.64	156	30	30	0	0.32	0.23	0.09	N	52
64	42	12.04	121	35	34	1	0.24	0.23	0.01	N	53
65	37	10.53	119	33	30	3	0.24	0.23	0.01	N	54
65	37	8.4	80	32	34	-2	0.23	0.23	0.00	N	54
65	37	6.8	105	18	12	6	0.03	0.06	-0.03	N	54
65	37	17.06	145	33	33	0	0.31	0.26	0.05	N	54
65	37	16.52	64	32	30	2	0.18	0.17	0.01	N	54
65	37	12.4	89	33	29	4	0.15	0.16	-0.01	N	54
65	37	12.79	151	31	25	6	0.21	0.13	0.08	N	54
65	42	6.79	52	20	23	-3	0.15	0.12	0.03	N	55
65	44	11.46	145	27	26	1	0.19	0.19	0.00	N	56
65	44	14.21	78	31	28	3	0.21	0.19	0.02	N	56
65	50	12.55	63	22	24	-2	0.13	0.10	0.03	N	57
65	50	13.68	107	31	31	0	0.14	0.13	0.01	N	57
66	34	12.66	108	30	29	1	0.13	0.12	0.01	N	58
66	34	8.7	52	24	23	1	0.08	0.04	0.04	N	58
67	50	11.92	62	34	37	-3	0.26	0.22	0.04	N	59
68	38	16.97	135	25	28	-3	0.13	0.17	-0.04	N	60
68	38	15.61	134	27	28	-1	0.14	0.19	-0.05	N	60
68	38	13.63	145	25	26	-1	0.11	0.25	-0.14	N	60
68	38	9.94	143	30	28	2	0.28	0.16	0.12	N	60
68	38	11.47	104	33	33	0	0.2	0.24	-0.04	N	60
68	99	11.34	113	34	35	-1	0.25	0.38	-0.13	N	61
68	99	8.07	163	34	36	-2	0.51	0.36	0.15	N	61
69	42	13.74	147	34	38	-4	0.29	0.30	-0.01	N	62
70	38	15.58	145	34	36	-2	0.18	0.12	0.06	N	63
70	38	17.58	141	31	36	-5	0.28	0.25	0.03	N	63
70	38	13.91	139	31	32	-1	0.42	0.38	0.04	N	63
70	38	15.36	137	30	32	-2	0.19	0.17	0.02	N	63
70	58	31.09	108	31	33	-2	0.17	0.16	0.01	N	64
71	95	6.93	124	29	28	1	0.17	0.16	0.01	N	65
73	44	24.25	67	28	27	1	0.15	0.18	-0.03	N	66
77	86	7.82	143	23	25	-2	0.13	0.15	-0.02	N	67
78	41	27.44	124	28	29	-1	0.1	0.18	-0.08	N	68
78	45	25.73	76	32	34	-2	0.23	0.25	-0.02	N	69
78	93	11.51	137	36	36	0	0.38	0.43	-0.05	N	70
79	43	25.93	127	32	33	-1	0.2	0.20	0.00	N	71
79	92	12.59	145	34	30	4	0.27	0.20	0.07	N	72
79	92	14.54	144	36	33	3	0.27	0.21	0.06	N	72
79	97	9.48	131	37	36	1	0.38	0.43	-0.05	N	73
79	97	16.53	155	29	32	-3	0.23	0.34	-0.11	N	73
80	48	5.1	142	32	32	0	0.18	0.19	-0.01	N	74
80	99	10.19	154	30	31	-1	0.29	0.42	-0.13	N	75
80	99	11.3	134	36	31	5	0.19	0.17	0.02	N	75

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged In 2005	Tube Count
80	99	14.57	129	32	32	0	0.26	0.26	0.00	N	75
80	99	6.98	67	32	32	0	0.18	0.17	0.01	N	75
80	99	7.73	167	35	37	-2	0.57	0.41	0.16	N	75
81	104	8.47	122	29	32	-3	0.15	0.15	0.00	N	76
83	100	7.82	138	34	33	1	0.24	0.29	-0.05	N	77
83	100	10.88	149	28	28	0	0.15	0.22	-0.07	N	77
83	100	5.96	96	26	20	6	0.09	0.10	-0.01	N	77
84	31	12.57	145	34	34	0	0.36	0.26	0.10	N	78
84	93	14.31	132	28	26	2	0.09	0.11	-0.02	N	79
84	98	9.11	119	27	26	1	0.11	0.13	-0.02	N	80
84	98	9.91	181	21	23	-2	0.35	0.27	0.08	N	80
84	98	11.04	168	33	33	0	0.54	0.51	0.03	N	80
84	98	12.15	155	33	32	1	0.42	0.37	0.05	N	80
84	98	13.73	151	33	30	3	0.2	0.12	0.08	N	80
84	98	16.88	135	29	30	-1	0.16	0.10	0.06	N	80
84	100	11.16	167	31	37	-6	0.29	0.26	0.03	N	81
84	100	7	167	29	30	-1	0.32	0.37	-0.05	N	81
84	100	8.32	142	31	36	-5	0.29	0.33	-0.04	N	81
85	43	10.37	120	36	37	-1	0.33	0.28	0.05	N	82
85	92	8.24	137	23	25	-2	0.15	0.13	0.02	N	83
85	96	9.67	84	37	38	-1	0.27	0.28	-0.01	N	84
85	98	9.71	153	32	33	-1	0.44	0.24	0.20	N	85
86	24	12.87	115	36	37	-1	0.27	0.27	0.00	N	86
86	24	9.22	155	33	33	0	0.42	0.36	0.06	N	86
87	39	12.25	103	29	29	0	0.16	0.16	0.00	N	87
88	34	12.72	50	31	34	-3	0.27	0.22	0.05	N	88
88	34	15.45	126	30	29	1	0.15	0.15	0.00	N	88
88	45	13.93	129	29	34	-5	0.21	0.22	-0.01	N	89
89	33	9.6	144	32	32	0	0.32	0.29	0.03	N	90
89	39	14.47	126	35	33	2	0.25	0.28	-0.03	N	91
89	89	11.34	135	17	15	2	0.23	0.22	0.01	N	92
89	89	5.84	140	29	28	1	0.17	0.16	0.01	N	92
89	89	8.41	141	29	28	1	0.22	0.12	0.10	N	92
90	40	17.76	45	20	16	4	0.07	0.07	0.00	N	93
90	40	11.96	79	33	29	4	0.13	0.12	0.01	N	93
90	40	9.95	130	20	18	2	0.1	0.09	0.01	N	93
90	40	8.3	148	32	33	-1	0.39	0.40	-0.01	N	93
90	40	11.76	134	35	36	-1	0.24	0.28	-0.04	N	93
90	40	12.25	102	25	27	-2	0.11	0.11	0.00	N	93
90	40	15.42	109	26	33	-7	0.13	0.15	-0.02	N	93
90	40	14.39	74	32	30	2	0.2	0.19	0.01	N	93
90	88	5.43	141	31	27	4	0.3	0.23	0.07	N	94
91	93	9.37	107	32	32	0	0.15	0.13	0.02	N	95
91	94	10.79	150	33	33	0	0.24	0.19	0.05	N	96
91	94	8.08	147	34	33	1	0.28	0.20	0.08	N	96

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged in 2005	Tube Count
91	98	8.98	112	31	33	-2	0.21	0.22	-0.01	N	97
91	98	11.2	117	36	32	4	0.25	0.24	0.01	N	97
92	26	7.93	140	27	29	-2	0.2	0.29	-0.09	Y	98
92	26	5.71	113	23	22	1	0.11	0.07	0.04	Y	98
92	26	10.7	167	29	34	-5	0.53	0.32	0.21	Y	98
92	26	12.79	113	37	37	0	0.34	0.28	0.06	Y	98
92	39	10.58	132	33	33	0	0.24	0.21	0.03	N	99
92	40	14.33	53	27	29	-2	0.2	0.21	-0.01	N	100
92	43	5.68	146	36	37	-1	0.49	0.50	-0.01	N	101
93	31	11	62	27	26	1	0.21	0.19	0.02	N	102
93	31	12.43	86	32	36	-4	0.26	0.25	0.01	N	102
93	46	15.68	167	20	27	-7	0.23	0.21	0.02	N	103
93	46	6.96	160	17	22	-5	0.21	0.19	0.02	N	103
93	46	12.01	151	29	26	3	0.19	0.13	0.06	N	103
93	46	11.01	158	29	30	-1	0.38	0.35	0.03	N	103
93	79	10.93	129	33	35	-2	0.19	0.21	-0.02	N	104
93	87	7.52	153	22	20	2	0.16	0.17	-0.01	N	105
93	94	12.61	149	33	37	-4	0.42	0.35	0.07	N	106
93	94	7.04	169	33	31	2	0.73	0.65	0.08	N	106
95	36	14.73	141	30	29	1	0.26	0.18	0.08	N	107
95	36	17.72	171	28	27	1	0.46	0.35	0.11	N	107
95	36	9.71	105	34	31	3	0.25	0.19	0.06	N	107
95	47	10.42	142	31	29	2	0.22	0.11	0.11	N	108
96	40	10.27	164	32	34	-2	0.42	0.26	0.16	N	109
96	41	11.63	136	36	37	-1	0.3	0.37	-0.07	N	110
96	41	13.02	141	21	25	-4	0.13	0.19	-0.06	N	110
96	44	6.69	92	26	28	-2	0.13	0.13	0.00	N	111
96	44	8.97	80	26	26	0	0.15	0.17	-0.02	N	111
96	45	11.74	91	29	33	-4	0.16	0.17	-0.01	N	112
96	91	11.95	147	18	23	-5	0.11	0.11	0.00	N	113
97	41	11.46	169	29	30	-1	0.36	0.24	0.12	N	114
97	41	13.68	63	31	31	0	0.26	0.27	-0.01	N	114
98	39	12.22	126	33	37	-4	0.24	0.21	0.03	N	115
98	39	14.79	106	31	32	-1	0.19	0.20	-0.01	N	115
98	39	15.71	137	32	33	-1	0.24	0.19	0.05	N	115
98	39	18.01	119	26	26	0	0.18	0.17	0.01	N	115
98	39	6.88	52	29	26	3	0.18	0.15	0.03	N	115
98	42	14.91	45	27	27	0	0.23	0.11	0.12	N	116
98	42	12.02	150	34	30	4	0.22	0.24	-0.02	N	116
98	45	12.1	89	28	27	1	0.11	0.12	-0.01	N	117
98	47	6.94	66	31	27	4	0.1	0.09	0.01	N	118
98	47	17.04	88	27	24	3	0.16	0.15	0.01	N	118
99	41	10.36	114	34	32	2	0.24	0.22	0.02	N	119
100	33	10.26	111	33	32	1	0.26	0.21	0.05	N	120
100	33	11.11	101	35	30	5	0.24	0.20	0.04	N	120

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged In 2005	Tube Count
100	36	13.54	48	33	36	-3	0.37	0.31	0.06	N	121
100	36	8.05	155	31	34	-3	0.44	0.34	0.10	N	121
100	38	14.95	84	26	31	-5	0.12	0.11	0.01	N	122
100	38	15.15	175	34	34	0	0.47	0.38	0.09	N	122
100	38	17.05	112	29	35	-6	0.18	0.19	-0.01	N	122
100	41	17.29	148	33	30	3	0.39	0.43	-0.04	N	123
100	41	8.07	158	33	36	-3	0.48	0.49	-0.01	N	123
100	45	14.57	109	30	32	-2	0.16	0.16	0.00	N	124
100	66	9.96	125	30	29	1	0.12	0.11	0.01	N	125
100	92	7.26	110	33	34	-1	0.19	0.18	0.01	N	126
100	92	9.11	160	26	27	-1	0.28	0.24	0.04	N	126
101	43	9.19	78	30	29	1	0.19	0.18	0.01	N	127
101	47	10.93	171	16	17	-1	0.13	0.16	-0.03	N	128
101	47	15.07	119	28	25	3	0.17	0.13	0.04	N	128
101	47	8.96	99	27	30	-3	0.11	0.17	-0.06	N	128
101	98	17.51	67	24	21	3	0.12	0.11	0.01	N	129
101	98	13.24	137	29	32	-3	0.17	0.16	0.01	N	129
102	41	16.15	157	31	34	-3	0.29	0.28	0.01	N	130
102	43	13.14	109	33	27	6	0.13	0.16	-0.03	N	131
102	43	7.77	165	33	31	2	0.36	0.41	-0.05	N	131
102	43	12.25	60	35	32	3	0.25	0.24	0.01	N	131
102	44	9.53	57	26	27	-1	0.1	0.16	-0.06	N	132
103	36	10.9	146	32	37	-5	0.3	0.25	0.05	N	133
103	37	10.13	123	33	37	-4	0.3	0.29	0.01	N	134
103	37	15.36	144	32	33	-1	0.34	0.29	0.05	N	134
103	37	23.95	137	27	26	1	0.11	0.11	0.00	N	134
103	41	15.74	67	23	25	-2	0.16	0.13	0.03	N	135
103	94	5.37	141	33	34	-1	0.23	0.17	0.06	N	136
104	40	15.3	45	22	25	-3	0.13	0.08	0.05	N	137
104	40	13.23	95	26	24	2	0.09	0.09	0.00	N	137
104	44	11.63	71	25	25	0	0.11	0.13	-0.02	N	138
104	44	12.31	148	28	26	2	0.16	0.14	0.02	N	138
104	44	17.7	88	28	20	8	0.15	0.13	0.02	N	138
104	90	12.12	102	28	28	0	0.16	0.15	0.01	N	139
104	90	14.22	118	30	27	3	0.12	0.07	0.05	N	139
104	90	9	168	25	34	-9	0.28	0.20	0.08	N	139
106	42	16.03	140	36	37	-1	0.4	0.31	0.09	N	140
106	42	11.23	98	26	28	-2	0.12	0.13	-0.01	N	140
106	42	12.26	155	27	31	-4	0.28	0.24	0.04	N	140
106	42	14.56	63	25	27	-2	0.13	0.14	-0.01	N	140
106	43	7.08	139	28	26	2	0.12	0.10	0.02	N	141
106	48	8.89	141	33	34	-1	0.3	0.32	-0.02	N	142
106	50	10.63	67	26	26	0	0.15	0.15	0.00	N	143
106	50	13.66	54	29	32	-3	0.24	0.20	0.04	N	143
106	74	14.66	103	20	23	-3	0.03	0.03	0.00	N	144

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged In 2005	Tube Count
106	74	9.26	130	28	25	3	0.15	0.16	-0.01	N	144
107	47	11.79	131	32	38	-6	0.28	0.16	0.12	N	145
107	47	14.09	103	28	31	-3	0.12	0.13	-0.01	N	145
107	47	16.03	58	29	30	-1	0.21	0.18	0.03	N	145
107	47	7.33	147	36	37	-1	0.3	0.28	0.02	N	145
107	66	14.85	145	30	29	1	0.1	0.10	0.00	N	146
107	66	6.66	138	26	24	2	0.11	0.09	0.02	N	146
107	66	7.5	136	26	30	-4	0.15	0.15	0.00	N	146
107	66	12.27	114	19	21	-2	0.08	0.08	0.00	N	146
108	34	15.06	56	33	32	1	0.27	0.20	0.07	N	147
108	74	13.46	141	24	33	-9	0.2	0.19	0.01	N	148
109	46	10.71	131	32	28	4	0.15	0.18	-0.03	N	149
109	46	12.17	138	23	29	-6	0.15	0.14	0.01	N	149
109	46	8.43	144	28	28	0	0.23	0.26	-0.03	N	149
110	40	12.79	153	31	28	3	0.28	0.29	-0.01	N	150
110	43	23.94	103	31	35	-4	0.15	0.17	-0.02	N	151
110	46	12.17	60	30	30	0	0.21	0.20	0.01	N	152
110	52	9.58	129	28	30	-2	0.23	0.19	0.04	N	153
110	52	14.09	125	34	33	1	0.19	0.17	0.02	N	153
110	52	10.33	137	32	28	4	0.24	0.23	0.01	N	153
110	52	11.39	131	30	23	7	0.14	0.07	0.07	N	153
111	39	9.97	131	26	23	3	0.16	0.12	0.04	N	154
111	42	11.59	157	30	34	-4	0.35	0.42	-0.07	N	155
111	42	14.41	170	23	32	-9	0.3	0.25	0.05	N	155
111	51	11.28	158	32	34	-2	0.33	0.20	0.13	N	156
113	44	10.15	153	30	34	-4	0.41	0.28	0.13	N	157
113	44	12.2	159	31	29	2	0.28	0.30	-0.02	N	157
113	44	8.03	138	22	18	4	0.13	0.06	0.07	N	157
113	45	16.83	53	33	31	2	0.21	0.18	0.03	N	158
114	41	9.16	90	24	29	-5	0.11	0.17	-0.06	N	159
114	41	8.26	90	28	35	-7	0.14	0.18	-0.04	N	159
114	42	11.58	156	31	34	-3	0.42	0.41	0.01	N	160
114	42	26.45	126	28	24	4	0.14	0.09	0.05	N	160
114	42	6.99	127	21	24	-3	0.08	0.14	-0.06	N	160
114	42	8.26	172	28	31	-3	0.26	0.23	0.03	N	160
114	42	8.57	170	27	26	1	0.23	0.23	0.00	N	160
114	43	6.8	63	26	30	-4	0.11	0.14	-0.03	N	161
114	43	7.24	175	31	28	3	0.37	0.17	0.20	N	161
114	43	25.85	121	7	9	-2	0.06	0.04	0.02	N	161
114	43	23.74	71	31	24	7	0.18	0.12	0.06	N	161
114	43	12.15	163	25	31	-6	0.26	0.26	0.00	N	161
114	43	10.43	174	27	32	-5	0.46	0.34	0.12	N	161
114	46	6.75	154	22	21	1	0.2	0.14	0.06	N	162
116	43	6.53	122	30	26	4	0.13	0.11	0.02	N	163
116	43	6.95	139	31	35	-4	0.27	0.23	0.04	N	163

First Span IGA in OTSG-B
Regression Analysis

Row	Tube	LTS +"	Deg	Current %TW	Previous %TW	% TW Growth	Current Volts	Previous Volts	Volt Growth	Plugged In 2005	Tube Count
116	43	7.28	107	21	21	0	0.04	0.08	-0.04	N	163
116	43	7.99	144	31	28	3	0.18	0.13	0.05	N	163
118	41	5.87	148	32	30	2	0.31	0.20	0.11	N	164
118	41	8.75	64	33	30	3	0.24	0.24	0.00	N	164
118	41	9.45	93	29	29	0	0.11	0.15	-0.04	N	164
123	77	4.48	150	27	26	1	0.15	0.10	0.05	N	165
129	41	21.43	112	34	30	4	0.21	0.17	0.04	N	166
131	3	37.24	148	24	24	0	0.18	0.18	0.00	N	167

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

APPENDIX 3 TO SPECIAL REPORT 06-01

TUBES PLUGGED

Appendix Acronyms

I-Code Indication Code

LTE Lower Tube End

MAA Multiple Axial Anomaly

MAI Multiple Axial Indications

MCI Multiple Circumferential Indications

MVI Multiple Volumetric Indications

NDD Non-Detected Degradation

NQI Non Quantifiable Indication

OE Operating Experience

SAI Single Axial Indication

SCI Single Circumferential Indication

SVI Single Volumetric Indication

TWD Through-Wall Dimension

UTE Upper Tube End

Tubes Plugged in OTSG-A

ROW	TUBE	VOLTS	DEG	IND	%TW	LOCATION	REASON FOR PLUG	TUBE COUNT
2	4	1.82	18	SCI		LTE +0.27	Rejectable Indication	1
2	15	0.45	25	SCI		LTE +0.43	Rejectable Indication	2
2	25	1.13	19	SCI		LTE +0.20	Rejectable Indication	3
3	6	0.44	39	SAI		06S -1.02	Rejectable Indication	4
3	19	1	37	SCI		LTE +0.13	Rejectable Indication	5
3	30	0.2	74	SAI		15S -0.96	Rejectable Indication	6
		0.31	94	SAI		15S -2.64	Rejectable Indication	6
		0.6	34	SAI		15S -3.33	Rejectable Indication	6
3	32	0.37	31	SAI		15S -1.19	Rejectable Indication	7
		0.11	110	SAI		15S -0.92	Rejectable Indication	7
		0.23	36	SAI		15S -3.21	Rejectable Indication	7
		0.52	30	SAI		15S -3.15	Rejectable Indication	7
		0.18	35	SAI		15S -4.38	Rejectable Indication	7
		0.24	37	SAI		15S -5.36	Rejectable Indication	7
		0.11	99	SAI		15S -6.61	Rejectable Indication	7
4	34	0.45	38	SAI		15S -1.00	Rejectable Indication	8
		0.41	33	SAI		15S -3.14	Rejectable Indication	8
		0.15	35	SAI		15S -0.99	Rejectable Indication	8
4	40	2.55	24	SAI		UTE -0.79	Rejectable Indication in I-600 Plug	9
5	13	1.97	19	SCI		LTE +0.36	Rejectable Indication	10
5	44	1.55	6	SCI		LTE +0.26	Rejectable Indication	11
5	45	0.38	94	SAI		15S -4.43	Rejectable Indication	12
7	14	0.55	13	SCI		LTE +0.35	Rejectable Indication	13
7	53	1.05	7	SCI		LTE +0.14	Rejectable Indication	14
7	54	0.57	31	SCI		LTE +0.16	Rejectable Indication	15
8	6	1.02	48	SCI		LTE +0.41	Rejectable Indication	16
8	28	1.41	0	TWD	36	09S +0.67	Preventative Plugged for Wear	17
8	52	0.97	26	MCI		LTE +0.45	Rejected Indications	18
9	44	5.04	10	NSY		11S +5.74	Excessive Tube Noise	19
11	8	0.27	78	SVI		15S -0.37	Rejectable Indication	20
16	2	1.69	27	SCI		LTE +0.35	Rejectable Indication	21
18	83	0.75	16	SCI		LTE +0.39	Rejectable Indication	22
23	93	0.48	17	SAI		14S -7.31	Rejectable Indication	23
31	13	0.19	71	SVI		LTS +10.99	Rejectable Indication	24
34	18	3.15	25	SCI		LTE +0.18	Rejectable Indication	25
34	107	0.56	26	SCI		LTE +0.15	Rejectable Indication	26
35	89	0.45	55	SAI		14S +0.13	Rejectable Indication	27
		0.82	34	SAI		14S -0.05	Rejectable Indication	27
40	94	2.57	8	NSY		LTE +0.00	Excessive Tube Noise	28
41	112	0.12	91	SAI		UTS +0.30	Rejectable Indication	29
44	119	16.87	40	SCI		LTE +0.09	Rejectable Indication	30
52	125	0.93	33	SCI		LTE +0.13	Rejectable Indication	31
55	4	0.44	7	SCI		LTE +0.33	Rejectable Indication	32
55	126	0.55	19	SCI		LTE +0.15	Rejectable Indication	33
58	2	0.14	80	SVI		15S +0.06	Rejectable Indication	34
64	69	0.13	98	SAI		15S +10.81	Rejectable Indication	35

Tubes Plugged in OTSG-A

ROW	TUBE	VOLTS	DEG	IND	%TW	LOCATION	REASON FOR PLUG	TUBE COUNT
		0.23	91	SAI		15S +7.65	Rejectable Indication	35
		0.15	99	SAI		15S +7.28	Rejectable Indication	35
76	123	0.26	21	SAI		15S -1.01	Rejectable Indication	36
81	75	1.58	11	SVI		LTE +0.65	Rejectable Indication	37
83	1	0.77	64	SCI		LTE +0.45	Rejectable Indication	38
99	5	4.16	93	NSY		LTE +0.00	Excessive Tube Noise	39
101	1	1.61	36	SCI		LTE +0.10	Rejectable Indication	40
106	114	0.54	16	SCI		LTE +0.11	Rejectable Indication	41
107	1	0.93	46	SCI		LTE +0.10	Rejectable Indication	42
111	2	1.2	21	SCI		LTE +0.38	Rejectable Indication	43
114	113	0.99	14	SCI		LTE +0.43	Rejectable Indication	44
132	7			Bubble		UTE	Bubble Test Indication	45
135	33	0.14	33	SAI		UTE -2.22	Rejectable Indication	46
136	81	1.18	24	SCI		LTE +0.48	Rejectable Indication	47
138	9			Bubble		UTE	Bubble Test Indication	48
140	66	1.35	18	MCI		LTE +0.36	Rejected Indications	49
142	62	0.6	24	SCI		LTE +0.42	Rejectable Indication	50
143	2	0.71	27	SCI		LTE +0.17	Rejectable Indication	51
145	53	1.22	25	SCI		LTE +0.15	Rejectable Indication	52
151	8	0.92	112	SCI		LTE +0.45	Rejectable Indication	53

Tubes Plugged in OTSG-B

ROW	TUBE	VOLTS	DEG	IND	%TW	LOCATION	REASON FOR PLUG	TUBE COUNT
4	40	0.13	121	TWD	33	LTS +9.75	1st Span IGA growth	1
10	3	0.51	93	SAI		15S -4.84	Rejectable Indication	2
10	12	0.38	103	SAI		UTS +18.28	Rejectable Indication	3
10	57	1.91	18	NSY		12S +10.51	Excessive Tube Noise	4
11	5	0.45	91	SAI		UTS +22.48	Rejectable Indication	5
		0.36	94	MAI		UTS +22.18	Rejectable Indication	5
		0.16	96	SAI		UTS +20.40	Rejectable Indication	5
		0.27	97	SAI		UTS +19.34	Rejectable Indication	5
11	9	1.67	50	SCI		LTE +0.42	Rejectable Indication	6
11	16	0.59	29	SCI		LTE +0.41	Rejectable Indication	7
13	13	1.05	42	MCI		LTE +0.49	Rejectable Indication	8
14	34	0.75	75	SAI		UTE -1.93	Rejectable Indication	9
22	34	0.68	87	SAI		UTE -2.88	Rejectable Indication	10
22	39	3.23	17	NSY		LTE +0.00	Excessive Tube Noise	11
29	56	2.53	12	NSY		LTE +0.00	Excessive Tube Noise	12
33	8	0.55	21	SCI		LTE +0.11	Rejectable Indication	13
33	54			Bubble		UTE	Bubble Test Indication	14
37	68	0.74	35	SAI		UTE -3.54	Rejectable Indication	15
39	52			Bubble		UTE	Bubble Test Indication	16
40	45	0.18	150	TWD	32	LTS +14.80	1st Span IGA growth	17
40	116	0.33	90	SAI		09S -0.33	Rejectable Indication	18
41	35			Bubble		UTE	Bubble Test Indication	19
43	33			Bubble		UTE	Bubble Test Indication	20
45	54			Bubble		UTE	Bubble Test Indication	21
46	57			Bubble		UTE	Bubble Test Indication	22
49	18	0.49	63	SAI		UTS +17.04	Rejectable Indication	23
52	1	0.69	23	SAI		UTE -4.11	Rejectable Indication	24
52	113	0.24	70	SAI		UTS +18.56	Rejectable Indication	25
		0.3	31	SAI		14S +13.17	Rejectable Indication	25
53	41			Bubble		UTE	Bubble Test Indication	26
54	39			Bubble		UTE	Bubble Test Indication	27
55	22			Bubble		UTE	Bubble Test Indication	28
56	126	0.37	37	SAI		15S -1.60	Rejectable Indication	29
57	127	0.35	76	SAI		15S -2.45	Rejectable Indication	30
		0.74	101	SAI		15S +0.11	Rejectable Indication	30
58	3	0.2	38	SVI		UTE -4.05	Rejectable Indication	31
59	34			Bubble		UTE	Bubble Test Indication	32
61	21			Bubble		UTE	Bubble Test Indication	33
63	34			Bubble		UTE	Bubble Test Indication	34
64	128	0.16	94	SAI		15S -4.54	Rejectable Indication	35
67	31			Bubble		UTE	Bubble Test Indication	36
69	74	3.92	23	SCI		UTE -0.20	Rejectable Indication	37
70	28			Bubble		UTE	Bubble Test Indication	38
70	35	0.74	19	SAI		UTE -4.07	Rejectable Indication	39
70	41			Bubble		UTE	Bubble Test Indication	40
70	49	0.46	29	SAI		UTE -4.72	Rejectable Indication	41

Tubes Plugged in OTSG-B

ROW	TUBE	VOLTS	DEG	IND	%TW	LOCATION	REASON FOR PLUG	TUBE COUNT
70	108	3.06	31	SCI		UTE -0.12	Rejectable Indication	42
				Bubble		UTE	Bubble Test Indication	42
71	40			Bubble		UTE	Bubble Test Indication	43
71	45			Bubble		UTE	Bubble Test Indication	44
72	86	2.6	194	NSY		LTS +22.00	Excessive Tube Noise	45
72	109	2.75	35	SCI		UTE -0.10	Bubble Test Indication	46
				Bubble		UTE	Bubble Test Indication	46
73	55	1.05	66	SCI		UTS +0.31	Rejectable Indication	47
		1.28	59	SCI		UTS +0.22	Rejectable Indication	47
73	130	0.21	80	SAI		15S +3.08	Rejectable Indication	48
		0.16	81	SAI		15S +4.60	Rejectable Indication	48
74	108	6.23	30	SAA		UTE -0.09	Failed Reroll	49
75	12			Weld		UTE	Weld Plug Defect	50
78	96	1.31	21	SCI		LTE +0.33	Rejectable Indication	51
78	123	1.59	0	TWD	42	09S +0.69	Tube Wear > 40 %TW	52
79	62	0.2	106	SVI		UTS +0.16	Rejectable Indication	53
79	73	5.15	23	SCI		UTE -0.10	Rejectable Indication	54
80	21			Bubble		UTE	Bubble Test Indication	55
83	120	3.51	192	NSY		LTS +19.30	Excessive Tube Noise	56
86	59			Bubble		UTE	Bubble Test Indication	57
87	24			Bubble		UTE	Bubble Test Indication	58
88	102	2.5	12	NSY		07S +36.68	Excessive Tube Noise	59
90	24			Bubble		UTE	Bubble Test Indication	60
92	26	0.74	31	SCI		UTE -0.07	Rejectable Indication	61
				Bubble		UTE	Bubble Test Indication	61
92	114	0.57	28	SAI		UTE -4.02	Rejectable Indication	62
97	28			Bubble		UTE	Bubble Test Indication	63
98	65			Bubble		UTE	Bubble Test Indication	64
102	39	0.19	116	MVI		UTE -3.37	Rejectable Indication	65
109	34	2.33	17	SAI		LTE +0.70	Rejectable Indication in I-600 Plug	66
109	69			Bubble		UTE	Bubble Test Indication	67
110	42	0.16	110	SVI		UTE -4.09	Rejectable Indication	68
112	65			Bubble		UTE	Bubble Test Indication	69
116	46	4.15	20	SAI		UTE -0.66	Rejectable Indication in I-600 Plug	70
117	86	0.41	73	SAI		UTS -0.47	Rejectable Indication	71
120	40	0.15	120	SVI		UTE -2.63	Rejectable Indication	72
				Bubble		UTE	Bubble Test Indication	72
121	40			Bubble		UTE	Bubble Test Indication	73
122	35			Bubble		UTE	Bubble Test Indication	74
125	6	1.14	15	SAI		LTE +1.46	Rejectable Indication	75
		2.08	20	SAI		LTE +5.64	Rejectable Indication	75
		0.84	14	SAI		LTE +3.00	Rejectable Indication	75
126	69			Bubble		UTE	Bubble Test Indication	76
126	99	0.1	97	SAI		15S -1.21	Rejectable Indication	77
		0.28	89	MAI		15S -4.60	Rejectable Indication	77

Tubes Plugged in OTSG-B

ROW	TUBE	VOLTS	DEG	IND	%TW	LOCATION	REASON FOR PLUG	TUBE COUNT
129	6	0.12	65	SAI		UTS -7.38	Rejectable Indication	78
140	67	0.36	62	SAI		12S -6.62	Rejectable Indication	79
141	63	0.67	29	MAI		UTE -4.49	Rejectable Indication	80
143	62	0.32	38	MCI		UTE -3.29	Rejectable Indication	81
146	25	3.05	17	SAI		LTE +0.65	Rejectable Indication in I-600 Plug	82
148	4	0.42	36	MAI		UTE -4.06	Rejectable Indication	83

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

APPENDIX 4 TO SPECIAL REPORT 06-01

TUBES REPAIRED (RE-ROLLED) AND IN-SERVICE

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
1	1	HOT	RFO 11	1
1	5	HOT	RFO 11	2
1	6	HOT	RFO 11	3
1	7	HOT	RFO 13	4
1	8	HOT	RFO 13	5
1	9	HOT	RFO 13	6
1	10	HOT	RFO 11	7
1	11	HOT	RFO 11	8
1	12	HOT	RFO 11	9
1	13	HOT	RFO 11	10
1	15	HOT	RFO 11	11
2	3	HOT	RFO 12	12
2	6	HOT	RFO 11	13
2	10	HOT	RFO 13	14
2	11	HOT	RFO 13	15
2	21	HOT	RFO 14	16
2	22	HOT	RFO 11	17
2	23	HOT	RFO 11	18
2	24	HOT	RFO 11	19
3	1	HOT	RFO 11	20
3	3	HOT	RFO 11	21
3	4	HOT	RFO 11	22
3	8	COLD	RFO 13	23
3	14	HOT	RFO 13	24
3	15	COLD	RFO 13	25
3	17	COLD	RFO 13	26
3	21	HOT	RFO 13	27
3	31	HOT	RFO 13	28
3	33	HOT	RFO 11	29
3	34	HOT	RFO 11	30
4	13	COLD	RFO 13	31
4	17	HOT	RFO 13	32
4	23	HOT	RFO 11	33
4	26	HOT	RFO 13	34
4	37	HOT	RFO 13	35
4	38	HOT	RFO 11	36
4	41	HOT	RFO 11	37
5	1	HOT	RFO 13	38
5	3	HOT	RFO 13	39
5	9	COLD	RFO 13	40
5	10	COLD	RFO 13	41
5	20	HOT	RFO 13	42
5	28	HOT	RFO 13	43
5	39	COLD	RFO 13	44

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
		HOT	RFO 13	44
5	40	HOT	RFO 13	45
5	46	HOT	RFO 11	46
6	1	HOT	RFO 13	47
6	3	HOT	RFO 12	48
6	42	COLD	RFO 13	49
6	43	HOT	RFO 13	50
6	49	HOT	RFO 13	51
6	50	HOT	RFO 11	52
7	2	HOT	RFO 13	53
7	43	HOT	RFO 13	54
8	1	HOT	RFO 11	55
8	2	HOT	RFO 13	56
8	53	COLD	RFO 13	57
9	2	HOT	RFO 11	58
9	3	HOT	RFO 13	59
9	47	HOT	RFO 13	60
9	61	HOT	RFO 11	61
9	62	HOT	RFO 11	62
10	1	HOT	RFO 13	63
10	36	HOT	RFO 11	64
10	39	HOT	RFO 11	65
10	50	HOT	RFO 13	66
10	64	HOT	RFO 11	67
10	65	HOT	RFO 11	68
11	1	HOT	RFO 13	69
11	2	HOT	RFO 11	70
11	6	COLD	RFO 13	71
11	40	HOT	RFO 11	72
11	43	HOT	RFO 11	73
11	45	HOT	RFO 11	74
11	55	HOT	RFO 11	75
11	63	HOT	RFO 13	76
11	64	COLD	RFO 13	77
11	67	HOT	RFO 11	78
11	68	HOT	RFO 11	79
12	2	HOT	RFO 11	80
12	4	COLD	RFO 13	81
12	50	HOT	RFO 11	82
12	57	HOT	RFO 11	83
12	67	COLD	RFO 13	84
		HOT	RFO 13	84
12	70	HOT	RFO 11	85
12	71	HOT	RFO 11	86

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
13	2	HOT	RFO 11	87
13	73	HOT	RFO 11	88
13	74	HOT	RFO 11	89
14	48	HOT	RFO 11	90
14	71	HOT	RFO 13	91
14	73	HOT	RFO 14	92
14	75	HOT	RFO 11	93
15	1	HOT	RFO 11	94
15	2	HOT	RFO 13	95
15	15	HOT	RFO 11	96
15	70	HOT	RFO 13	97
15	71	HOT	RFO 13	98
15	72	HOT	RFO 13	99
15	77	HOT	RFO 11	100
15	78	HOT	RFO 11	101
16	1	HOT	RFO 11	102
16	74	HOT	RFO 13	103
16	77	HOT	RFO 13	104
16	79	HOT	RFO 13	105
16	80	HOT	RFO 11	106
16	81	HOT	RFO 11	107
17	1	HOT	RFO 11	108
17	3	COLD	RFO 13	109
17	6	COLD	RFO 13	110
17	82	HOT	RFO 11	111
18	1	HOT	RFO 14	112
18	2	HOT	RFO 11	113
18	82	COLD	RFO 13	114
		HOT	RFO 13	114
18	84	HOT	RFO 11	115
18	85	HOT	RFO 11	116
19	1	HOT	RFO 11	117
19	4	COLD	RFO 13	118
19	79	HOT	RFO 13	119
19	81	HOT	RFO 11	120
19	83	HOT	RFO 11	121
19	84	HOT	RFO 13	122
19	86	HOT	RFO 11	123
20	1	COLD	RFO 13	124
		HOT	RFO 11	124
20	2	HOT	RFO 11	125
20	55	HOT	RFO 11	126
20	70	HOT	RFO 11	127
20	73	HOT	RFO 13	128

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
20	80	HOT	RFO 13	129
20	82	HOT	RFO 11	130
20	84	HOT	RFO 11	131
20	85	HOT	RFO 11	132
21	60	HOT	RFO 11	133
21	79	HOT	RFO 13	134
21	84	HOT	RFO 13	135
21	88	COLD	RFO 13	136
21	90	HOT	RFO 11	137
22	3	COLD	RFO 13	138
22	64	HOT	RFO 11	139
22	87	HOT	RFO 11	140
22	90	COLD	RFO 13	141
22	91	HOT	RFO 13	142
22	92	HOT	RFO 11	143
22	93	HOT	RFO 11	144
23	66	HOT	RFO 11	145
23	90	HOT	RFO 13	146
23	91	COLD	RFO 13	147
23	94	HOT	RFO 11	148
24	82	HOT	RFO 13	149
24	91	HOT	RFO 13	150
24	94	HOT	RFO 13	151
24	95	HOT	RFO 11	152
25	3	HOT	RFO 13	153
25	4	COLD	RFO 13	154
		HOT	RFO 11	154
25	6	COLD	RFO 13	155
25	12	HOT	RFO 13	156
25	92	HOT	RFO 13	157
25	95	COLD	RFO 13	158
25	97	HOT	RFO 11	159
25	98	HOT	RFO 11	160
26	5	HOT	RFO 14	161
26	92	HOT	RFO 13	162
27	1	HOT	RFO 11	163
27	51	HOT	RFO 13	164
27	68	HOT	RFO 13	165
27	95	HOT	RFO 11	166
27	97	HOT	RFO 13	167
27	98	HOT	RFO 13	168
27	100	HOT	RFO 11	169
28	1	HOT	RFO 11	170
28	98	HOT	RFO 13	171

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
28	99	HOT	RFO 13	172
28	100	HOT	RFO 13	173
28	101	HOT	RFO 14	174
		COLD	RFO 13	174
29	1	HOT	RFO 11	175
29	77	HOT	RFO 11	176
29	100	HOT	RFO 14	177
29	103	HOT	RFO 13	178
29	104	HOT	RFO 11	179
30	5	HOT	RFO 13	180
30	36	HOT	RFO 11	181
30	104	HOT	RFO 13	182
30	105	HOT	RFO 12	183
31	76	HOT	RFO 11	184
31	104	HOT	RFO 11	185
31	105	HOT	RFO 13	186
32	1	HOT	RFO 14	187
32	76	HOT	RFO 11	188
32	102	HOT	RFO 13	189
32	104	HOT	RFO 13	190
32	106	HOT	RFO 14	191
33	45	HOT	RFO 11	192
33	98	HOT	RFO 11	193
33	105	COLD	RFO 13	194
33	106	COLD	RFO 13	195
33	107	HOT	RFO 12	196
33	108	COLD	RFO 13	197
		HOT	RFO 11	197
35	69	HOT	RFO 11	198
35	85	HOT	RFO 11	199
35	105	HOT	RFO 13	200
35	108	COLD	RFO 13	201
		HOT	RFO 11	201
36	1	HOT	RFO 11	202
36	43	HOT	RFO 11	203
36	53	HOT	RFO 11	204
36	54	HOT	RFO 11	205
36	108	COLD	RFO 13	206
36	110	COLD	RFO 13	207
		HOT	RFO 13	207
36	112	COLD	RFO 13	208
		HOT	RFO 11	208
36	113	COLD	RFO 13	209
		HOT	RFO 11	209

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
37	102	HOT	RFO 11	210
37	111	COLD	RFO 13	211
37	112	COLD	RFO 13	212
37	113	HOT	RFO 13	213
37	114	COLD	RFO 13	214
		HOT	RFO 11	214
38	3	COLD	RFO 13	215
38	4	HOT	RFO 11	216
38	55	HOT	RFO 12	217
38	57	HOT	RFO 13	218
38	72	HOT	RFO 11	219
38	107	HOT	RFO 14	220
38	113	COLD	RFO 13	221
38	114	COLD	RFO 13	222
		HOT	RFO 13	222
38	115	HOT	RFO 11	223
39	75	HOT	RFO 11	224
39	77	HOT	RFO 11	225
39	83	HOT	RFO 11	226
39	108	HOT	RFO 11	227
39	113	COLD	RFO 13	228
		HOT	RFO 13	228
39	114	COLD	RFO 13	229
39	115	HOT	RFO 11	230
40	75	HOT	RFO 11	231
40	85	HOT	RFO 13	232
40	114	HOT	RFO 13	233
40	116	HOT	RFO 13	234
40	117	HOT	RFO 13	235
41	78	HOT	RFO 11	236
41	109	HOT	RFO 13	237
41	114	COLD	RFO 13	238
		HOT	RFO 13	238
41	115	HOT	RFO 13	239
41	116	HOT	RFO 11	240
42	3	COLD	RFO 13	241
42	78	HOT	RFO 11	242
42	111	HOT	RFO 13	243
42	115	COLD	RFO 13	244
		HOT	RFO 13	244
42	116	HOT	RFO 13	245
42	117	HOT	RFO 11	246
43	1	HOT	RFO 12	247
43	43	HOT	RFO 13	248

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
43	71	HOT	RFO 11	249
43	79	HOT	RFO 12	250
43	89	HOT	RFO 11	251
43	97	HOT	RFO 11	252
43	118	HOT	RFO 13	253
44	17	HOT	RFO 13	254
44	24	HOT	RFO 12	255
44	88	HOT	RFO 11	256
44	116	COLD	RFO 13	257
45	68	HOT	RFO 14	258
45	79	HOT	RFO 11	259
45	116	COLD	RFO 13	260
45	120	HOT	RFO 11	261
46	1	HOT	RFO 12	262
46	116	COLD	RFO 13	263
46	117	HOT	RFO 13	264
46	119	HOT	RFO 11	265
47	1	HOT	RFO 14	266
47	4	HOT	RFO 12	267
47	89	HOT	RFO 11	268
47	102	HOT	RFO 11	269
47	119	COLD	RFO 13	270
47	121	HOT	RFO 13	271
47	122	HOT	RFO 11	272
48	3	COLD	RFO 13	273
48	46	HOT	RFO 12	274
48	78	HOT	RFO 11	275
48	96	HOT	RFO 11	276
48	114	HOT	RFO 13	277
48	116	HOT	RFO 13	278
48	119	HOT	RFO 13	279
48	120	HOT	RFO 13	280
48	122	HOT	RFO 13	281
48	123	HOT	RFO 11	282
49	1	HOT	RFO 13	283
49	24	HOT	RFO 11	284
49	47	HOT	RFO 14	285
49	94	HOT	RFO 11	286
49	108	HOT	RFO 11	287
49	123	HOT	RFO 13	288
49	124	HOT	RFO 11	289
50	45	HOT	RFO 11	290
50	57	HOT	RFO 13	291
50	92	HOT	RFO 11	292

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
50	117	HOT	RFO 11	293
50	120	COLD	RFO 13	294
50	123	HOT	RFO 11	295
51	1	COLD	RFO 13	296
51	3	COLD	RFO 13	297
51	120	COLD	RFO 13	298
51	121	COLD	RFO 13	299
51	122	COLD	RFO 13	300
		HOT	RFO 13	300
51	123	COLD	RFO 13	301
		HOT	RFO 13	301
51	124	HOT	RFO 11	302
52	41	HOT	RFO 11	303
52	73	HOT	RFO 11	304
52	75	HOT	RFO 11	305
52	109	HOT	RFO 11	306
52	112	HOT	RFO 13	307
52	117	HOT	RFO 14	308
52	118	HOT	RFO 13	309
52	122	COLD	RFO 13	310
53	91	HOT	RFO 11	311
53	118	HOT	RFO 13	312
53	123	COLD	RFO 13	313
53	126	HOT	RFO 11	314
54	40	HOT	RFO 13	315
54	77	HOT	RFO 11	316
54	103	HOT	RFO 11	317
55	1	HOT	RFO 11	318
55	88	HOT	RFO 11	319
55	100	HOT	RFO 13	320
55	125	HOT	RFO 13	321
56	92	HOT	RFO 11	322
56	96	HOT	RFO 11	323
56	97	HOT	RFO 11	324
56	101	HOT	RFO 11	325
56	108	COLD	RFO 13	326
56	125	COLD	RFO 13	327
56	127	COLD	RFO 13	328
		HOT	RFO 11	328
57	37	HOT	RFO 11	329
57	80	HOT	RFO 13	330
57	98	HOT	RFO 11	331
57	105	HOT	RFO 11	332
57	127	HOT	RFO 14	333

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
57	128	HOT	RFO 11	334
58	1	HOT	RFO 11	335
58	103	HOT	RFO 11	336
58	116	HOT	RFO 11	337
58	128	HOT	RFO 14	338
58	129	HOT	RFO 12	339
59	37	HOT	RFO 11	340
59	75	HOT	RFO 11	341
59	123	COLD	RFO 13	342
59	124	HOT	RFO 11	343
60	85	HOT	RFO 13	344
60	88	HOT	RFO 11	345
60	127	COLD	RFO 13	346
		HOT	RFO 13	346
60	128	HOT	RFO 11	347
60	129	HOT	RFO 11	348
61	77	HOT	RFO 12	349
62	7	HOT	RFO 13	350
62	81	HOT	RFO 11	351
62	101	HOT	RFO 11	352
62	129	HOT	RFO 11	353
64	57	HOT	RFO 11	354
64	74	HOT	RFO 13	355
64	90	HOT	RFO 11	356
64	101	HOT	RFO 11	357
64	102	HOT	RFO 11	358
65	73	HOT	RFO 13	359
66	13	HOT	RFO 12	360
66	53	HOT	RFO 12	361
66	87	HOT	RFO 11	362
66	93	HOT	RFO 11	363
66	96	HOT	RFO 11	364
66	101	HOT	RFO 11	365
66	131	HOT	RFO 11	366
67	7	HOT	RFO 12	367
67	32	HOT	RFO 11	368
67	50	HOT	RFO 14	369
67	100	HOT	RFO 11	370
67	108	HOT	RFO 11	371
68	55	HOT	RFO 12	372
68	102	HOT	RFO 11	373
68	131	HOT	RFO 11	374
69	1	HOT	RFO 11	375
69	56	HOT	RFO 13	376

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
69	125	HOT	RFO 11	377
69	127	HOT	RFO 13	378
70	48	HOT	RFO 12	379
70	131	HOT	RFO 11	380
71	32	HOT	RFO 11	381
71	49	HOT	RFO 12	382
71	96	HOT	RFO 11	383
71	101	HOT	RFO 11	384
72	34	HOT	RFO 11	385
72	53	HOT	RFO 11	386
72	66	HOT	RFO 12	387
72	91	HOT	RFO 11	388
72	97	HOT	RFO 11	389
72	130	HOT	RFO 11	390
73	41	HOT	RFO 11	391
73	49	HOT	RFO 11	392
73	117	HOT	RFO 11	393
73	125	HOT	RFO 11	394
74	41	HOT	RFO 11	395
74	125	HOT	RFO 11	396
75	92	HOT	RFO 11	397
75	112	HOT	RFO 13	398
77	99	HOT	RFO 11	399
78	34	HOT	RFO 11	400
78	108	HOT	RFO 12	401
78	126	HOT	RFO 13	402
79	41	HOT	RFO 11	403
80	53	HOT	RFO 12	404
80	97	HOT	RFO 11	405
80	102	HOT	RFO 13	406
80	124	HOT	RFO 13	407
80	131	HOT	RFO 11	408
81	9	HOT	RFO 13	409
81	34	HOT	RFO 11	410
81	83	HOT	RFO 11	411
82	2	HOT	RFO 14	412
82	3	HOT	RFO 13	413
82	27	HOT	RFO 11	414
82	33	HOT	RFO 11	415
82	34	HOT	RFO 11	416
82	112	HOT	RFO 12	417
82	130	HOT	RFO 11	418
83	27	HOT	RFO 11	419
83	41	HOT	RFO 11	420

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
83	77	HOT	RFO 12	421
83	111	HOT	RFO 11	422
84	1	HOT	RFO 13	423
84	27	HOT	RFO 11	424
84	29	HOT	RFO 11	425
84	41	HOT	RFO 11	426
84	94	HOT	RFO 11	427
84	131	HOT	RFO 14	428
85	1	HOT	RFO 14	429
85	4	HOT	RFO 14	430
85	30	HOT	RFO 11	431
85	40	HOT	RFO 11	432
85	110	HOT	RFO 11	433
86	1	HOT	RFO 12	434
86	3	HOT	RFO 13	435
86	5	HOT	RFO 12	436
86	23	HOT	RFO 11	437
86	29	HOT	RFO 11	438
86	33	HOT	RFO 11	439
86	43	HOT	RFO 11	440
86	55	HOT	RFO 11	441
86	97	HOT	RFO 11	442
86	99	HOT	RFO 11	443
86	131	HOT	RFO 11	444
87	1	COLD	RFO 13	445
		HOT	RFO 11	445
87	5	HOT	RFO 12	446
87	6	HOT	RFO 13	447
87	40	HOT	RFO 11	448
87	56	HOT	RFO 13	449
87	94	HOT	RFO 13	450
87	110	HOT	RFO 12	451
87	126	HOT	RFO 12	452
88	23	HOT	RFO 11	453
88	25	HOT	RFO 11	454
88	27	HOT	RFO 11	455
88	33	HOT	RFO 11	456
88	35	HOT	RFO 11	457
88	41	HOT	RFO 11	458
88	43	HOT	RFO 11	459
88	80	HOT	RFO 11	460
88	92	HOT	RFO 11	461
88	129	HOT	RFO 11	462
89	1	HOT	RFO 11	463

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
89	26	HOT	RFO 11	464
89	41	HOT	RFO 12	465
89	85	HOT	RFO 11	466
89	93	HOT	RFO 11	467
90	87	HOT	RFO 11	468
90	93	HOT	RFO 11	469
90	129	HOT	RFO 11	470
91	1	HOT	RFO 11	471
91	32	HOT	RFO 11	472
91	33	HOT	RFO 11	473
91	41	HOT	RFO 11	474
91	92	HOT	RFO 11	475
92	88	HOT	RFO 11	476
92	121	HOT	RFO 13	477
93	41	HOT	RFO 11	478
93	100	HOT	RFO 11	479
93	122	HOT	RFO 13	480
93	124	HOT	RFO 13	481
94	1	HOT	RFO 14	482
94	43	HOT	RFO 11	483
94	129	HOT	RFO 11	484
95	32	HOT	RFO 11	485
95	51	HOT	RFO 11	486
95	97	HOT	RFO 11	487
95	111	HOT	RFO 11	488
95	126	HOT	RFO 13	489
96	45	HOT	RFO 11	490
96	111	HOT	RFO 13	491
96	127	HOT	RFO 11	492
97	34	HOT	RFO 11	493
97	38	HOT	RFO 11	494
97	51	HOT	RFO 12	495
97	103	HOT	RFO 11	496
97	105	HOT	RFO 11	497
97	125	HOT	RFO 13	498
98	25	HOT	RFO 11	499
98	27	HOT	RFO 11	500
98	127	HOT	RFO 11	501
99	10	HOT	RFO 11	502
99	126	HOT	RFO 11	503
100	31	HOT	RFO 11	504
100	32	HOT	RFO 11	505
100	47	HOT	RFO 11	506
100	125	HOT	RFO 11	507

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
101	122	HOT	RFO 13	508
101	124	HOT	RFO 11	509
102	29	HOT	RFO 11	510
102	96	HOT	RFO 11	511
102	121	COLD	RFO 13	512
		HOT	RFO 13	512
102	123	HOT	RFO 11	513
103	1	HOT	RFO 11	514
103	21	HOT	RFO 11	515
103	65	HOT	RFO 11	516
103	123	HOT	RFO 13	517
103	124	HOT	RFO 11	518
104	3	COLD	RFO 13	519
104	7	HOT	RFO 11	520
104	26	HOT	RFO 11	521
104	31	HOT	RFO 11	522
104	93	HOT	RFO 11	523
105	42	HOT	RFO 11	524
105	44	HOT	RFO 11	525
105	46	HOT	RFO 11	526
105	50	HOT	RFO 11	527
105	121	HOT	RFO 13	528
106	16	HOT	RFO 11	529
106	20	HOT	RFO 11	530
106	22	HOT	RFO 11	531
106	24	HOT	RFO 11	532
106	26	HOT	RFO 11	533
106	28	HOT	RFO 11	534
106	30	HOT	RFO 11	535
106	55	HOT	RFO 11	536
106	77	HOT	RFO 11	537
106	79	HOT	RFO 11	538
106	81	HOT	RFO 11	539
106	82	HOT	RFO 11	540
106	83	HOT	RFO 11	541
106	88	HOT	RFO 11	542
106	104	HOT	RFO 11	543
107	3	COLD	RFO 13	544
107	19	HOT	RFO 11	545
107	21	HOT	RFO 11	546
107	25	HOT	RFO 11	547
107	27	HOT	RFO 11	548
107	31	HOT	RFO 11	549
107	39	HOT	RFO 11	550

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
107	73	HOT	RFO 11	551
107	76	HOT	RFO 12	552
107	97	HOT	RFO 11	553
108	3	COLD	RFO 13	554
108	4	COLD	RFO 13	555
108	21	HOT	RFO 11	556
108	27	HOT	RFO 11	557
108	29	HOT	RFO 11	558
108	31	HOT	RFO 11	559
108	37	HOT	RFO 11	560
108	39	HOT	RFO 11	561
108	47	HOT	RFO 11	562
108	61	HOT	RFO 14	563
108	77	HOT	RFO 12	564
108	89	HOT	RFO 12	565
108	118	HOT	RFO 14	566
108	119	HOT	RFO 11	567
109	18	HOT	RFO 11	568
109	24	HOT	RFO 11	569
109	26	HOT	RFO 11	570
109	32	HOT	RFO 11	571
109	38	HOT	RFO 11	572
109	40	HOT	RFO 11	573
109	42	HOT	RFO 11	574
109	72	HOT	RFO 12	575
109	75	HOT	RFO 11	576
109	118	HOT	RFO 11	577
110	28	HOT	RFO 11	578
110	30	HOT	RFO 11	579
110	31	HOT	RFO 11	580
110	40	HOT	RFO 11	581
110	43	HOT	RFO 11	582
110	44	HOT	RFO 11	583
110	46	HOT	RFO 11	584
110	116	HOT	RFO 11	585
110	117	HOT	RFO 14	586
111	19	HOT	RFO 11	587
111	25	HOT	RFO 11	588
111	30	HOT	RFO 11	589
111	58	HOT	RFO 11	590
111	116	HOT	RFO 11	591
112	1	COLD	RFO 13	592
		HOT	RFO 11	592
112	28	HOT	RFO 11	593

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
112	35	HOT	RFO 11	594
112	117	COLD	RFO 13	595
		HOT	RFO 11	595
113	3	COLD	RFO 13	596
113	74	HOT	RFO 11	597
113	86	HOT	RFO 11	598
113	94	HOT	RFO 11	599
113	116	HOT	RFO 11	600
114	1	HOT	RFO 13	601
114	3	COLD	RFO 13	602
114	76	HOT	RFO 11	603
114	78	HOT	RFO 11	604
114	80	HOT	RFO 11	605
114	82	HOT	RFO 11	606
114	111	COLD	RFO 13	607
114	115	COLD	RFO 13	608
		HOT	RFO 11	608
115	1	COLD	RFO 13	609
115	21	HOT	RFO 11	610
115	36	HOT	RFO 11	611
115	37	HOT	RFO 11	612
115	42	HOT	RFO 11	613
115	47	HOT	RFO 11	614
115	70	HOT	RFO 11	615
115	73	HOT	RFO 11	616
115	93	HOT	RFO 11	617
115	96	HOT	RFO 11	618
115	99	HOT	RFO 11	619
115	111	HOT	RFO 13	620
115	112	COLD	RFO 13	621
		HOT	RFO 13	621
115	114	HOT	RFO 11	622
116	1	COLD	RFO 13	623
		HOT	RFO 13	623
116	2	HOT	RFO 11	624
116	23	HOT	RFO 11	625
116	25	HOT	RFO 11	626
116	34	HOT	RFO 11	627
116	40	HOT	RFO 11	628
116	61	HOT	RFO 11	629
116	109	COLD	RFO 13	630
116	112	HOT	RFO 11	631
116	113	HOT	RFO 11	632
117	34	HOT	RFO 11	633

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
117	43	HOT	RFO 11	634
117	70	HOT	RFO 11	635
117	79	HOT	RFO 11	636
117	92	HOT	RFO 11	637
117	108	HOT	RFO 11	638
118	1	COLD	RFO 13	639
		HOT	RFO 13	639
118	35	HOT	RFO 11	640
118	41	HOT	RFO 11	641
118	65	HOT	RFO 12	642
118	77	HOT	RFO 11	643
118	107	HOT	RFO 11	644
119	1	HOT	RFO 11	645
119	87	HOT	RFO 11	646
119	97	HOT	RFO 12	647
119	108	HOT	RFO 11	648
120	59	HOT	RFO 11	649
120	63	HOT	RFO 11	650
120	69	HOT	RFO 11	651
120	94	HOT	RFO 13	652
120	106	HOT	RFO 13	653
120	107	HOT	RFO 11	654
121	3	COLD	RFO 13	655
121	5	COLD	RFO 13	656
121	44	HOT	RFO 12	657
121	47	HOT	RFO 11	658
121	58	HOT	RFO 11	659
121	60	HOT	RFO 11	660
121	62	HOT	RFO 11	661
121	75	HOT	RFO 11	662
121	106	HOT	RFO 11	663
122	5	HOT	RFO 11	664
122	34	HOT	RFO 11	665
122	37	HOT	RFO 11	666
122	44	HOT	RFO 11	667
122	46	HOT	RFO 11	668
122	47	HOT	RFO 11	669
122	50	HOT	RFO 12	670
122	57	HOT	RFO 11	671
122	76	HOT	RFO 11	672
122	101	COLD	RFO 13	673
122	103	HOT	RFO 13	674
122	105	HOT	RFO 11	675
123	30	HOT	RFO 11	676

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
123	37	HOT	RFO 11	677
123	39	HOT	RFO 11	678
123	40	HOT	RFO 11	679
123	45	HOT	RFO 11	680
123	46	HOT	RFO 11	681
123	53	HOT	RFO 11	682
123	54	HOT	RFO 11	683
123	69	HOT	RFO 11	684
123	71	HOT	RFO 11	685
123	99	COLD	RFO 13	686
123	101	HOT	RFO 13	687
123	102	HOT	RFO 13	688
123	103	HOT	RFO 11	689
123	104	HOT	RFO 11	690
124	1	HOT	RFO 11	691
124	25	HOT	RFO 11	692
124	37	HOT	RFO 11	693
124	39	HOT	RFO 11	694
124	43	HOT	RFO 11	695
124	47	HOT	RFO 11	696
124	58	HOT	RFO 11	697
124	62	HOT	RFO 11	698
124	75	HOT	RFO 11	699
124	83	HOT	RFO 11	700
124	101	HOT	RFO 11	701
125	5	COLD	RFO 13	702
125	38	HOT	RFO 11	703
125	40	HOT	RFO 11	704
125	46	HOT	RFO 11	705
125	50	HOT	RFO 11	706
125	53	HOT	RFO 11	707
125	98	COLD	RFO 13	708
		HOT	RFO 13	708
125	100	HOT	RFO 11	709
126	1	COLD	RFO 13	710
126	33	HOT	RFO 11	711
126	36	HOT	RFO 11	712
126	37	HOT	RFO 11	713
126	41	HOT	RFO 11	714
126	43	HOT	RFO 11	715
126	57	HOT	RFO 11	716
126	65	HOT	RFO 11	717
126	94	COLD	RFO 13	718
126	95	COLD	RFO 13	719

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
126	96	COLD	RFO 13	720
126	98	HOT	RFO 14	721
126	99	HOT	RFO 11	722
127	1	HOT	RFO 13	723
127	2	HOT	RFO 13	724
127	39	HOT	RFO 11	725
127	42	HOT	RFO 11	726
127	45	HOT	RFO 11	727
127	49	HOT	RFO 11	728
127	53	HOT	RFO 11	729
127	65	HOT	RFO 11	730
127	69	HOT	RFO 11	731
127	82	HOT	RFO 11	732
127	94	COLD	RFO 13	733
127	96	HOT	RFO 13	734
127	97	HOT	RFO 11	735
127	98	HOT	RFO 11	736
128	1	HOT	RFO 11	737
128	31	HOT	RFO 11	738
128	34	HOT	RFO 11	739
128	41	HOT	RFO 11	740
128	45	HOT	RFO 11	741
128	62	HOT	RFO 11	742
128	95	HOT	RFO 11	743
129	4	COLD	RFO 13	744
129	17	HOT	RFO 11	745
129	20	HOT	RFO 11	746
129	22	HOT	RFO 11	747
129	37	HOT	RFO 11	748
129	57	HOT	RFO 11	749
129	63	HOT	RFO 11	750
129	86	HOT	RFO 11	751
129	91	COLD	RFO 13	752
129	94	HOT	RFO 11	753
130	1	COLD	RFO 13	754
130	2	HOT	RFO 13	755
130	4	COLD	RFO 13	756
130	5	COLD	RFO 13	757
130	36	HOT	RFO 11	758
130	38	HOT	RFO 11	759
130	46	HOT	RFO 11	760
130	48	HOT	RFO 11	761
130	78	HOT	RFO 11	762
130	91	COLD	RFO 13	763

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
130	93	HOT	RFO 11	764
131	38	HOT	RFO 11	765
131	60	HOT	RFO 11	766
132	19	HOT	RFO 11	767
132	50	HOT	RFO 11	768
132	82	COLD	RFO 13	769
132	84	HOT	RFO 11	770
132	85	HOT	RFO 11	771
133	1	COLD	RFO 13	772
		HOT	RFO 12	772
133	5	HOT	RFO 14	773
133	13	HOT	RFO 11	774
133	36	HOT	RFO 11	775
133	46	HOT	RFO 11	776
133	57	HOT	RFO 11	777
133	58	HOT	RFO 11	778
133	63	HOT	RFO 11	779
133	72	HOT	RFO 12	780
133	73	HOT	RFO 11	781
133	86	HOT	RFO 13	782
134	1	HOT	RFO 13	783
134	21	HOT	RFO 12	784
134	33	HOT	RFO 12	785
134	35	HOT	RFO 11	786
134	58	HOT	RFO 11	787
134	75	HOT	RFO 11	788
134	82	COLD	RFO 13	789
134	84	HOT	RFO 13	790
134	85	COLD	RFO 13	791
		HOT	RFO 11	791
135	1	HOT	RFO 13	792
135	4	COLD	RFO 13	793
135	31	HOT	RFO 11	794
135	34	HOT	RFO 11	795
135	37	HOT	RFO 11	796
135	47	HOT	RFO 11	797
135	55	HOT	RFO 11	798
135	73	HOT	RFO 11	799
135	78	COLD	RFO 13	800
135	80	COLD	RFO 13	801
135	81	HOT	RFO 13	802
135	82	HOT	RFO 11	803
136	4	HOT	RFO 14	804
136	30	HOT	RFO 11	805

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
136	33	HOT	RFO 11	806
136	44	HOT	RFO 11	807
136	80	HOT	RFO 11	808
137	2	HOT	RFO 11	809
137	12	HOT	RFO 11	810
137	29	HOT	RFO 11	811
137	33	HOT	RFO 11	812
137	35	HOT	RFO 11	813
137	37	HOT	RFO 11	814
137	39	HOT	RFO 11	815
137	46	HOT	RFO 11	816
137	77	HOT	RFO 13	817
138	1	HOT	RFO 11	818
138	3	COLD	RFO 13	819
138	10	COLD	RFO 13	820
138	25	HOT	RFO 11	821
138	42	HOT	RFO 11	822
138	75	HOT	RFO 13	823
139	1	HOT	RFO 11	824
139	2	COLD	RFO 13	825
		HOT	RFO 14	825
139	33	HOT	RFO 11	826
139	70	COLD	RFO 13	827
139	71	HOT	RFO 11	828
139	73	HOT	RFO 11	829
139	74	HOT	RFO 11	830
140	1	COLD	RFO 13	831
		HOT	RFO 11	831
140	2	HOT	RFO 11	832
140	23	HOT	RFO 11	833
140	27	HOT	RFO 11	834
140	29	HOT	RFO 11	835
140	67	HOT	RFO 13	836
140	69	HOT	RFO 13	837
140	70	HOT	RFO 13	838
140	71	HOT	RFO 11	839
141	1	HOT	RFO 11	840
141	2	HOT	RFO 11	841
141	6	HOT	RFO 13	842
141	18	HOT	RFO 11	843
141	40	HOT	RFO 11	844
141	64	HOT	RFO 13	845
141	67	HOT	RFO 11	846
141	68	HOT	RFO 11	847

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
142	1	HOT	RFO 11	848
142	2	HOT	RFO 11	849
142	4	COLD	RFO 13	850
142	10	COLD	RFO 13	851
142	17	HOT	RFO 11	852
142	19	HOT	RFO 11	853
142	21	HOT	RFO 11	854
142	23	HOT	RFO 11	855
142	24	HOT	RFO 11	856
142	27	HOT	RFO 11	857
142	31	HOT	RFO 11	858
142	33	HOT	RFO 11	859
142	52	HOT	RFO 13	860
142	63	HOT	RFO 13	861
142	64	HOT	RFO 11	862
142	65	HOT	RFO 11	863
143	1	HOT	RFO 11	864
143	4	HOT	RFO 12	865
143	21	HOT	RFO 11	866
143	29	HOT	RFO 11	867
143	50	HOT	RFO 11	868
143	61	HOT	RFO 11	869
143	62	HOT	RFO 11	870
144	1	HOT	RFO 11	871
144	2	COLD	RFO 13	872
		HOT	RFO 11	872
144	7	COLD	RFO 13	873
144	13	HOT	RFO 11	874
144	14	HOT	RFO 11	875
144	15	HOT	RFO 11	876
144	16	HOT	RFO 11	877
144	25	HOT	RFO 14	878
144	28	HOT	RFO 13	879
144	32	HOT	RFO 11	880
144	56	HOT	RFO 11	881
144	57	HOT	RFO 11	882
145	1	HOT	RFO 12	883
145	17	HOT	RFO 11	884
145	18	HOT	RFO 11	885
145	23	HOT	RFO 11	886
145	29	HOT	RFO 11	887
145	54	HOT	RFO 11	888
146	1	HOT	RFO 13	889
146	2	HOT	RFO 11	890

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
146	11	HOT	RFO 11	891
146	14	HOT	RFO 11	892
146	43	HOT	RFO 13	893
146	46	COLD	RFO 13	894
146	50	HOT	RFO 12	895
147	11	HOT	RFO 11	896
147	14	COLD	RFO 13	897
147	15	HOT	RFO 11	898
147	42	COLD	RFO 13	899
147	44	HOT	RFO 14	900
147	45	COLD	RFO 13	901
		HOT	RFO 13	901
147	46	HOT	RFO 11	902
148	4	HOT	RFO 12	903
148	18	COLD	RFO 13	904
148	28	COLD	RFO 13	905
148	30	COLD	RFO 13	906
148	31	COLD	RFO 13	907
148	38	HOT	RFO 11	908
148	39	HOT	RFO 13	909
148	40	HOT	RFO 11	910
148	41	HOT	RFO 11	911
149	1	HOT	RFO 11	912
149	2	HOT	RFO 12	913
149	3	HOT	RFO 14	914
149	14	COLD	RFO 13	915
149	24	HOT	RFO 13	916
149	27	COLD	RFO 13	917
149	28	HOT	RFO 13	918
149	31	HOT	RFO 11	919
149	32	HOT	RFO 11	920
149	33	HOT	RFO 11	921
149	34	HOT	RFO 11	922
150	1	HOT	RFO 11	923
150	2	HOT	RFO 11	924
150	4	HOT	RFO 11	925
150	5	HOT	RFO 14	926
150	6	HOT	RFO 12	927
150	7	HOT	RFO 13	928
150	20	HOT	RFO 13	929
150	22	HOT	RFO 11	930
150	23	HOT	RFO 11	931
150	24	HOT	RFO 11	932
150	25	HOT	RFO 11	933

Tubes Re-Rolled and In-Service in OTSG-A

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
150	26	HOT	RFO 11	934
150	27	HOT	RFO 11	935
151	1	HOT	RFO 13	936
151	2	HOT	RFO 11	937
151	3	COLD	RFO 13	938
		HOT	RFO 11	938
151	4	HOT	RFO 11	939
151	5	HOT	RFO 11	940
151	6	HOT	RFO 11	941
151	7	COLD	RFO 13	942
		HOT	RFO 11	942
151	9	COLD	RFO 13	943
		HOT	RFO 11	943
151	10	HOT	RFO 11	944
151	11	HOT	RFO 12	945
151	12	HOT	RFO 11	946
151	14	HOT	RFO 11	947
151	15	HOT	RFO 13	948

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
1	1	HOT	RFO 11	1
1	2	HOT	RFO 11	2
1	3	HOT	RFO 13	3
1	4	HOT	RFO 13	4
1	7	HOT	RFO 11	5
1	8	HOT	RFO 11	6
1	9	HOT	RFO 11	7
1	10	HOT	RFO 11	8
1	11	HOT	RFO 12	9
1	13	HOT	RFO 11	10
1	15	HOT	RFO 13	11
1	16	HOT	RFO 13	12
2	1	HOT	RFO 11	13
2	9	HOT	RFO 13	14
2	18	HOT	RFO 13	15
2	25	HOT	RFO 13	16
3	1	HOT	RFO 11	17
3	2	HOT	RFO 11	18
3	3	HOT	RFO 13	19
3	4	HOT	RFO 12	20
3	15	HOT	RFO 13	21
3	17	HOT	RFO 13	22
3	34	HOT	RFO 11	23
4	2	HOT	RFO 13	24
4	3	HOT	RFO 11	25
4	4	HOT	RFO 11	26
4	5	HOT	RFO 11	27
4	7	HOT	RFO 11	28
4	37	HOT	RFO 12	29
4	39	HOT	RFO 13	30
5	3	HOT	RFO 11	31
5	7	HOT	RFO 12	32
5	8	HOT	RFO 13	33
5	9	HOT	RFO 13	34
5	40	HOT	RFO 12	35
6	1	HOT	RFO 13	36
6	2	HOT	RFO 12	37
6	8	HOT	RFO 12	38
6	10	HOT	RFO 12	39
6	51	HOT	RFO 13	40
7	3	HOT	RFO 11	41
7	6	HOT	RFO 14	42
7	16	HOT	RFO 11	43
7	53	HOT	RFO 13	44

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
7	54	HOT	RFO 12	45
8	4	HOT	RFO 13	46
8	57	HOT	RFO 11	47
9	1	HOT	RFO 11	48
9	2	HOT	RFO 11	49
9	3	HOT	RFO 11	50
9	4	HOT	RFO 13	51
9	5	HOT	RFO 13	52
9	13	HOT	RFO 11	53
9	16	HOT	RFO 13	54
9	36	HOT	RFO 11	55
9	44	HOT	RFO 12	56
9	57	HOT	RFO 13	57
9	60	HOT	RFO 13	58
10	2	HOT	RFO 13	59
10	20	HOT	RFO 13	60
11	2	HOT	RFO 13	61
11	14	HOT	RFO 11	62
11	30	HOT	RFO 11	63
11	46	HOT	RFO 11	64
11	68	HOT	RFO 11	65
12	1	HOT	RFO 11	66
12	2	HOT	RFO 13	67
12	5	HOT	RFO 13	68
12	42	HOT	RFO 11	69
12	71	HOT	RFO 13	70
13	4	HOT	RFO 13	71
13	6	HOT	RFO 13	72
13	8	HOT	RFO 13	73
13	73	HOT	RFO 11	74
14	27	HOT	RFO 13	75
14	50	HOT	RFO 11	76
16	20	HOT	RFO 14	77
16	54	HOT	RFO 12	78
16	59	HOT	RFO 11	79
17	1	HOT	RFO 13	80
17	17	HOT	RFO 12	81
17	65	HOT	RFO 11	82
17	82	HOT	RFO 13	83
18	27	HOT	RFO 13	84
18	44	HOT	RFO 11	85
18	50	HOT	RFO 11	86
18	81	HOT	RFO 13	87
18	85	HOT	RFO 11	88

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
19	59	HOT	RFO 12	89
19	62	HOT	RFO 12	90
19	63	HOT	RFO 11	91
19	64	HOT	RFO 12	92
19	76	COLD	RFO 13	93
19	86	HOT	RFO 11	94
20	2	HOT	RFO 13	95
20	84	HOT	RFO 11	96
20	85	HOT	RFO 11	97
21	1	HOT	RFO 11	98
21	14	HOT	RFO 12	99
21	49	HOT	RFO 11	100
21	60	HOT	RFO 11	101
22	1	HOT	RFO 11	102
22	28	HOT	RFO 14	103
22	38	HOT	RFO 12	104
22	50	HOT	RFO 11	105
22	54	HOT	RFO 11	106
22	70	HOT	RFO 11	107
22	93	HOT	RFO 11	108
23	41	HOT	RFO 11	109
23	51	HOT	RFO 11	110
23	59	HOT	RFO 11	111
23	69	HOT	RFO 12	112
23	94	HOT	RFO 13	113
24	1	HOT	RFO 13	114
24	24	HOT	RFO 12	115
24	25	HOT	RFO 11	116
24	62	HOT	RFO 11	117
24	72	HOT	RFO 11	118
24	74	HOT	RFO 11	119
24	93	HOT	RFO 13	120
25	21	HOT	RFO 11	121
25	59	HOT	RFO 11	122
25	71	HOT	RFO 11	123
25	93	HOT	RFO 12	124
25	97	HOT	RFO 12	125
25	98	HOT	RFO 11	126
26	4	HOT	RFO 13	127
26	6	COLD	RFO 13	128
26	9	HOT	RFO 12	129
26	49	HOT	RFO 12	130
		HOT	RFO 11	130
26	57	HOT	RFO 12	131

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
26	99	HOT	RFO 11	132
27	53	HOT	RFO 11	133
27	61	HOT	RFO 11	134
27	66	HOT	RFO 11	135
27	69	HOT	RFO 11	136
27	81	HOT	RFO 11	137
27	98	HOT	RFO 13	138
27	99	HOT	RFO 13	139
27	100	HOT	RFO 11	140
28	1	HOT	RFO 11	141
28	56	HOT	RFO 11	142
28	57	HOT	RFO 12	143
28	69	HOT	RFO 12	144
28	79	HOT	RFO 14	145
28	87	HOT	RFO 11	146
28	101	HOT	RFO 11	147
29	1	HOT	RFO 12	148
29	2	HOT	RFO 12	149
29	6	HOT	RFO 12	150
29	19	HOT	RFO 11	151
29	21	HOT	RFO 11	152
29	66	HOT	RFO 12	153
		HOT	RFO 11	153
29	68	HOT	RFO 11	154
29	71	HOT	RFO 12	155
		HOT	RFO 11	155
29	101	HOT	RFO 12	156
29	103	HOT	RFO 11	157
29	104	HOT	RFO 11	158
30	1	HOT	RFO 13	159
30	32	HOT	RFO 11	160
30	70	HOT	RFO 11	161
30	71	HOT	RFO 11	162
30	73	HOT	RFO 11	163
30	76	HOT	RFO 11	164
30	80	HOT	RFO 11	165
30	89	HOT	RFO 11	166
30	101	HOT	RFO 11	167
30	105	HOT	RFO 11	168
31	8	COLD	RFO 13	169
31	11	HOT	RFO 12	170
31	17	HOT	RFO 12	171
31	32	HOT	RFO 11	172
31	56	HOT	RFO 11	173

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
31	75	HOT	RFO 11	174
31	77	HOT	RFO 11	175
31	79	HOT	RFO 11	176
31	81	HOT	RFO 11	177
31	106	HOT	RFO 11	178
32	7	HOT	RFO 11	179
32	25	HOT	RFO 11	180
32	40	HOT	RFO 12	181
32	68	HOT	RFO 13	182
32	100	HOT	RFO 12	183
32	106	HOT	RFO 13	184
32	107	HOT	RFO 11	185
33	10	HOT	RFO 11	186
33	47	HOT	RFO 14	187
33	70	HOT	RFO 11	188
33	73	HOT	RFO 11	189
33	75	HOT	RFO 11	190
34	16	HOT	RFO 11	191
34	78	HOT	RFO 11	192
34	107	HOT	RFO 13	193
35	27	HOT	RFO 11	194
35	74	HOT	RFO 11	195
35	81	HOT	RFO 11	196
35	88	HOT	RFO 11	197
35	92	HOT	RFO 11	198
35	106	HOT	RFO 12	199
35	108	HOT	RFO 11	200
36	51	HOT	RFO 11	201
36	76	HOT	RFO 11	202
36	91	HOT	RFO 11	203
36	112	HOT	RFO 11	204
37	55	HOT	RFO 11	205
37	58	HOT	RFO 11	206
37	70	HOT	RFO 11	207
37	91	HOT	RFO 13	208
37	92	HOT	RFO 11	209
37	109	HOT	RFO 11	210
37	112	HOT	RFO 13	211
37	114	HOT	RFO 11	212
38	1	HOT	RFO 12	213
38	12	HOT	RFO 12	214
38	14	HOT	RFO 11	215
38	47	HOT	RFO 13	216
38	71	HOT	RFO 11	217

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
38	72	HOT	RFO 11	218
38	82	HOT	RFO 11	219
38	88	HOT	RFO 13	220
38	94	HOT	RFO 11	221
38	98	HOT	RFO 13	222
38	112	HOT	RFO 13	223
38	114	HOT	RFO 13	224
38	115	HOT	RFO 11	225
39	10	HOT	RFO 12	226
39	95	HOT	RFO 11	227
39	103	HOT	RFO 11	228
39	113	HOT	RFO 13	229
39	114	HOT	RFO 13	230
39	116	HOT	RFO 11	231
40	1	HOT	RFO 11	232
40	34	HOT	RFO 11	233
40	52	HOT	RFO 11	234
40	68	HOT	RFO 11	235
40	101	HOT	RFO 11	236
40	117	HOT	RFO 11	237
41	1	HOT	RFO 14	238
41	32	HOT	RFO 13	239
41	33	HOT	RFO 11	240
41	116	HOT	RFO 11	241
42	15	HOT	RFO 11	242
42	18	HOT	RFO 11	243
42	52	HOT	RFO 13	244
42	66	HOT	RFO 11	245
42	117	HOT	RFO 11	246
43	1	HOT	RFO 11	247
43	12	HOT	RFO 12	248
43	74	HOT	RFO 11	249
43	79	HOT	RFO 11	250
43	83	HOT	RFO 11	251
43	100	HOT	RFO 11	252
43	101	HOT	RFO 11	253
43	106	HOT	RFO 11	254
43	118	HOT	RFO 11	255
44	1	HOT	RFO 11	256
44	3	HOT	RFO 13	257
44	13	HOT	RFO 11	258
44	17	HOT	RFO 13	259
44	25	HOT	RFO 11	260
44	28	HOT	RFO 13	261

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
44	69	HOT	RFO 11	262
44	89	HOT	RFO 11	263
44	119	HOT	RFO 11	264
45	1	HOT	RFO 12	265
45	11	HOT	RFO 11	266
45	53	HOT	RFO 11	267
45	77	HOT	RFO 11	268
45	81	HOT	RFO 11	269
45	95	HOT	RFO 11	270
45	119	HOT	RFO 13	271
45	120	HOT	RFO 11	272
46	3	HOT	RFO 13	273
46	10	HOT	RFO 11	274
46	30	HOT	RFO 11	275
46	31	HOT	RFO 12	276
46	36	HOT	RFO 14	277
46	47	HOT	RFO 13	278
46	56	HOT	RFO 11	279
46	84	HOT	RFO 11	280
46	103	HOT	RFO 11	281
46	118	HOT	RFO 11	282
46	119	HOT	RFO 11	283
47	3	HOT	RFO 12	284
47	36	HOT	RFO 11	285
47	39	HOT	RFO 12	286
47	44	HOT	RFO 14	287
47	77	HOT	RFO 11	288
47	78	HOT	RFO 11	289
47	79	HOT	RFO 11	290
47	96	HOT	RFO 11	291
47	111	HOT	RFO 11	292
47	122	HOT	RFO 11	293
48	3	HOT	RFO 13	294
48	13	HOT	RFO 11	295
48	15	HOT	RFO 13	296
48	20	HOT	RFO 12	297
48	21	HOT	RFO 11	298
48	76	HOT	RFO 11	299
48	81	HOT	RFO 11	300
48	84	HOT	RFO 11	301
49	21	HOT	RFO 11	302
49	76	HOT	RFO 11	303
49	79	HOT	RFO 11	304
49	114	HOT	RFO 11	305

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
50	1	HOT	RFO 13	306
50	21	HOT	RFO 11	307
50	75	HOT	RFO 11	308
50	77	HOT	RFO 11	309
50	80	HOT	RFO 11	310
50	91	HOT	RFO 11	311
50	117	HOT	RFO 12	312
50	123	HOT	RFO 13	313
51	1	HOT	RFO 13	314
51	16	HOT	RFO 11	315
51	37	HOT	RFO 11	316
51	52	HOT	RFO 11	317
51	82	HOT	RFO 11	318
51	102	HOT	RFO 12	319
51	103	HOT	RFO 11	320
51	122	HOT	RFO 11	321
51	124	HOT	RFO 11	322
52	24	HOT	RFO 11	323
52	45	HOT	RFO 12	324
52	59	HOT	RFO 12	325
52	63	HOT	RFO 11	326
52	102	HOT	RFO 11	327
52	117	HOT	RFO 11	328
52	118	HOT	RFO 11	329
52	120	HOT	RFO 11	330
52	125	HOT	RFO 11	331
53	29	HOT	RFO 11	332
53	36	HOT	RFO 12	333
53	54	HOT	RFO 11	334
53	82	HOT	RFO 12	335
		HOT	RFO 11	335
53	84	HOT	RFO 11	336
53	125	HOT	RFO 11	337
53	126	HOT	RFO 11	338
54	1	HOT	RFO 13	339
54	28	HOT	RFO 12	340
54	31	HOT	RFO 14	341
54	36	HOT	RFO 12	342
54	90	HOT	RFO 11	343
54	104	HOT	RFO 11	344
54	116	HOT	RFO 11	345
54	127	HOT	RFO 11	346
55	27	HOT	RFO 11	347
55	31	HOT	RFO 12	348

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
55	35	HOT	RFO 11	349
55	39	HOT	RFO 11	350
55	42	HOT	RFO 11	351
55	72	HOT	RFO 12	352
55	88	HOT	RFO 11	353
55	92	HOT	RFO 12	354
55	100	HOT	RFO 11	355
55	122	HOT	RFO 13	356
55	126	HOT	RFO 13	357
56	1	HOT	RFO 11	358
		COLD	RFO 13	358
56	8	COLD	RFO 13	359
56	14	HOT	RFO 12	360
56	29	HOT	RFO 11	361
56	33	HOT	RFO 12	362
56	46	HOT	RFO 11	363
56	77	HOT	RFO 11	364
56	83	HOT	RFO 12	365
56	86	HOT	RFO 12	366
		HOT	RFO 11	366
56	99	HOT	RFO 11	367
56	110	HOT	RFO 13	368
56	127	HOT	RFO 11	369
57	20	HOT	RFO 11	370
57	34	HOT	RFO 12	371
57	83	HOT	RFO 12	372
57	84	HOT	RFO 12	373
57	87	HOT	RFO 12	374
57	104	HOT	RFO 14	375
57	109	HOT	RFO 12	376
57	111	HOT	RFO 13	377
57	126	HOT	RFO 13	378
58	12	COLD	RFO 13	379
58	33	HOT	RFO 12	380
58	58	HOT	RFO 12	381
58	81	HOT	RFO 13	382
58	85	HOT	RFO 12	383
58	97	HOT	RFO 13	384
58	125	HOT	RFO 12	385
58	126	HOT	RFO 13	386
58	127	HOT	RFO 13	387
58	128	HOT	RFO 12	388
58	129	HOT	RFO 11	389
59	12	HOT	RFO 12	390

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
59	21	HOT	RFO 13	391
59	29	HOT	RFO 11	392
59	30	HOT	RFO 12	393
59	33	HOT	RFO 14	394
59	43	HOT	RFO 11	395
59	81	HOT	RFO 13	396
59	82	HOT	RFO 12	397
59	99	HOT	RFO 14	398
59	109	HOT	RFO 13	399
59	110	HOT	RFO 11	400
59	119	HOT	RFO 11	401
59	124	HOT	RFO 12	402
60	77	HOT	RFO 11	403
60	110	HOT	RFO 11	404
60	114	HOT	RFO 11	405
60	124	HOT	RFO 12	406
60	128	HOT	RFO 12	407
60	129	HOT	RFO 14	408
61	13	HOT	RFO 11	409
61	19	HOT	RFO 12	410
61	22	HOT	RFO 14	411
61	41	HOT	RFO 11	412
61	78	HOT	RFO 11	413
61	94	HOT	RFO 12	414
61	115	HOT	RFO 13	415
61	126	HOT	RFO 11	416
62	22	HOT	RFO 11	417
62	52	HOT	RFO 11	418
62	54	HOT	RFO 11	419
62	78	HOT	RFO 11	420
62	89	HOT	RFO 13	421
62	92	HOT	RFO 14	422
62	119	HOT	RFO 11	423
62	124	HOT	RFO 11	424
62	128	HOT	RFO 13	425
63	20	HOT	RFO 11	426
63	23	HOT	RFO 11	427
63	25	HOT	RFO 11	428
63	43	HOT	RFO 12	429
		HOT	RFO 11	429
63	78	HOT	RFO 12	430
63	82	HOT	RFO 11	431
63	119	HOT	RFO 11	432
63	129	HOT	RFO 13	433

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
63	130	HOT	RFO 12	434
64	35	HOT	RFO 11	435
64	38	HOT	RFO 13	436
64	42	HOT	RFO 11	437
64	59	HOT	RFO 12	438
64	103	HOT	RFO 11	439
65	18	HOT	RFO 11	440
65	20	HOT	RFO 11	441
65	24	HOT	RFO 14	442
65	35	HOT	RFO 11	443
65	39	HOT	RFO 11	444
65	71	HOT	RFO 12	445
65	73	HOT	RFO 12	446
65	79	HOT	RFO 11	447
65	86	HOT	RFO 12	448
65	91	HOT	RFO 11	449
65	94	HOT	RFO 13	450
65	99	HOT	RFO 12	451
65	113	HOT	RFO 11	452
65	123	HOT	RFO 11	453
66	2	HOT	RFO 11	454
66	26	HOT	RFO 11	455
66	31	HOT	RFO 11	456
66	32	HOT	RFO 13	457
66	39	HOT	RFO 11	458
66	46	HOT	RFO 11	459
66	80	HOT	RFO 11	460
66	81	HOT	RFO 12	461
66	85	HOT	RFO 12	462
66	111	HOT	RFO 14	463
66	131	HOT	RFO 13	464
67	9	HOT	RFO 13	465
67	16	HOT	RFO 13	466
67	20	HOT	RFO 11	467
67	40	HOT	RFO 11	468
67	42	HOT	RFO 12	469
67	46	HOT	RFO 13	470
67	51	HOT	RFO 11	471
67	75	HOT	RFO 12	472
67	85	HOT	RFO 11	473
67	124	HOT	RFO 11	474
67	130	HOT	RFO 13	475
68	2	HOT	RFO 14	476
68	22	HOT	RFO 12	477

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
68	36	HOT	RFO 11	478
68	37	HOT	RFO 11	479
68	41	HOT	RFO 12	480
		HOT	RFO 11	480
68	67	HOT	RFO 12	481
68	92	HOT	RFO 13	482
68	104	HOT	RFO 12	483
68	123	HOT	RFO 11	484
68	129	HOT	RFO 11	485
69	8	HOT	RFO 14	486
69	32	HOT	RFO 11	487
69	38	HOT	RFO 14	488
69	42	HOT	RFO 11	489
69	46	HOT	RFO 11	490
69	50	HOT	RFO 11	491
69	52	HOT	RFO 11	492
69	87	HOT	RFO 11	493
69	90	HOT	RFO 12	494
69	95	HOT	RFO 11	495
69	102	HOT	RFO 11	496
69	105	HOT	RFO 11	497
69	111	HOT	RFO 11	498
69	119	HOT	RFO 11	499
69	123	HOT	RFO 11	500
70	2	HOT	RFO 12	501
70	9	HOT	RFO 12	502
70	18	HOT	RFO 11	503
70	27	HOT	RFO 11	504
70	33	HOT	RFO 11	505
70	44	HOT	RFO 11	506
70	51	HOT	RFO 11	507
70	52	HOT	RFO 13	508
70	53	HOT	RFO 11	509
70	55	HOT	RFO 11	510
70	82	HOT	RFO 11	511
70	94	HOT	RFO 11	512
70	95	HOT	RFO 11	513
70	110	HOT	RFO 14	514
71	5	HOT	RFO 11	515
71	9	HOT	RFO 14	516
71	18	HOT	RFO 11	517
71	28	HOT	RFO 12	518
71	38	HOT	RFO 12	519
71	41	HOT	RFO 11	520

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
71	44	HOT	RFO 12	521
71	46	HOT	RFO 14	522
71	48	HOT	RFO 11	523
71	99	HOT	RFO 11	524
71	108	HOT	RFO 11	525
71	109	HOT	RFO 11	526
71	123	HOT	RFO 11	527
72	9	HOT	RFO 12	528
72	15	HOT	RFO 11	529
72	22	HOT	RFO 11	530
72	24	HOT	RFO 11	531
72	36	HOT	RFO 11	532
72	44	HOT	RFO 11	533
72	46	HOT	RFO 12	534
		HOT	RFO 11	534
72	48	HOT	RFO 11	535
72	68	HOT	RFO 11	536
72	90	HOT	RFO 11	537
72	94	HOT	RFO 11	538
72	99	HOT	RFO 11	539
72	107	HOT	RFO 11	540
72	130	HOT	RFO 13	541
73	15	HOT	RFO 13	542
73	16	HOT	RFO 14	543
73	31	HOT	RFO 11	544
73	32	HOT	RFO 11	545
73	38	HOT	RFO 12	546
73	41	HOT	RFO 12	547
73	44	HOT	RFO 12	548
73	45	HOT	RFO 12	549
73	46	HOT	RFO 12	550
73	61	HOT	RFO 13	551
73	87	HOT	RFO 13	552
73	88	HOT	RFO 11	553
73	94	HOT	RFO 11	554
73	103	HOT	RFO 12	555
74	33	HOT	RFO 12	556
74	35	HOT	RFO 12	557
74	36	HOT	RFO 11	558
74	39	HOT	RFO 11	559
74	44	HOT	RFO 12	560
74	54	HOT	RFO 12	561
		HOT	RFO 11	561
74	61	HOT	RFO 14	562

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
74	78	HOT	RFO 12	563
74	100	HOT	RFO 14	564
74	102	HOT	RFO 12	565
74	103	HOT	RFO 11	566
74	105	HOT	RFO 11	567
74	125	HOT	RFO 12	568
75	49	HOT	RFO 11	569
75	50	HOT	RFO 11	570
75	56	HOT	RFO 11	571
75	89	HOT	RFO 12	572
75	91	HOT	RFO 11	573
75	95	HOT	RFO 11	574
75	104	HOT	RFO 11	575
75	108	HOT	RFO 11	576
75	126	HOT	RFO 12	577
76	76	HOT	RFO 11	578
76	92	HOT	RFO 11	579
77	41	HOT	RFO 11	580
77	83	HOT	RFO 11	581
77	97	HOT	RFO 11	582
77	112	HOT	RFO 11	583
77	113	HOT	RFO 11	584
77	126	HOT	RFO 12	585
78	33	HOT	RFO 11	586
78	40	HOT	RFO 12	587
78	41	HOT	RFO 11	588
78	48	HOT	RFO 11	589
78	67	COLD	RFO 13	590
78	74	HOT	RFO 11	591
78	84	HOT	RFO 12	592
		HOT	RFO 11	592
78	112	HOT	RFO 11	593
78	126	HOT	RFO 13	594
79	27	HOT	RFO 12	595
79	34	HOT	RFO 12	596
		HOT	RFO 11	596
79	45	HOT	RFO 12	597
79	54	HOT	RFO 12	598
79	86	HOT	RFO 11	599
79	109	HOT	RFO 11	600
79	130	HOT	RFO 11	601
80	6	HOT	RFO 13	602
80	24	HOT	RFO 11	603
80	33	HOT	RFO 11	604

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
80	40	HOT	RFO 12	605
80	41	HOT	RFO 11	606
80	63	HOT	RFO 12	607
80	73	HOT	RFO 11	608
80	100	HOT	RFO 11	609
80	108	HOT	RFO 11	610
80	109	HOT	RFO 13	611
80	111	HOT	RFO 14	612
81	10	HOT	RFO 13	613
81	18	HOT	RFO 11	614
81	19	HOT	RFO 12	615
81	29	HOT	RFO 14	616
81	32	HOT	RFO 11	617
81	47	HOT	RFO 12	618
		HOT	RFO 11	618
81	51	HOT	RFO 12	619
		HOT	RFO 11	619
81	53	HOT	RFO 12	620
81	74	COLD	RFO 13	621
81	79	HOT	RFO 11	622
81	82	HOT	RFO 11	623
81	84	HOT	RFO 11	624
81	102	HOT	RFO 11	625
81	107	HOT	RFO 11	626
81	111	HOT	RFO 11	627
81	120	HOT	RFO 11	628
82	2	HOT	RFO 14	629
82	14	HOT	RFO 12	630
82	18	HOT	RFO 11	631
82	22	HOT	RFO 11	632
82	31	HOT	RFO 11	633
82	33	HOT	RFO 11	634
82	44	HOT	RFO 11	635
82	48	HOT	RFO 11	636
82	59	HOT	RFO 12	637
82	62	HOT	RFO 14	638
82	64	HOT	RFO 14	639
82	86	HOT	RFO 11	640
82	97	HOT	RFO 11	641
82	101	HOT	RFO 11	642
82	102	HOT	RFO 11	643
82	118	HOT	RFO 11	644
82	130	HOT	RFO 11	645
83	18	HOT	RFO 11	646

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
83	19	HOT	RFO 11	647
83	29	HOT	RFO 11	648
83	37	HOT	RFO 11	649
83	45	HOT	RFO 11	650
83	49	HOT	RFO 11	651
83	50	HOT	RFO 11	652
83	64	HOT	RFO 13	653
83	65	HOT	RFO 14	654
83	84	HOT	RFO 11	655
83	94	HOT	RFO 11	656
83	97	HOT	RFO 12	657
83	119	HOT	RFO 11	658
83	128	HOT	RFO 11	659
84	16	HOT	RFO 11	660
84	19	HOT	RFO 12	661
84	22	HOT	RFO 11	662
84	34	HOT	RFO 12	663
84	40	HOT	RFO 11	664
84	44	HOT	RFO 11	665
84	47	HOT	RFO 11	666
84	81	HOT	RFO 11	667
84	82	HOT	RFO 11	668
84	84	HOT	RFO 11	669
84	91	HOT	RFO 11	670
84	106	HOT	RFO 12	671
85	25	HOT	RFO 11	672
85	27	HOT	RFO 11	673
85	28	HOT	RFO 14	674
85	43	HOT	RFO 12	675
85	52	HOT	RFO 12	676
		HOT	RFO 11	676
85	62	COLD	RFO 13	677
85	63	HOT	RFO 12	678
85	64	HOT	RFO 14	679
85	89	HOT	RFO 12	680
85	90	HOT	RFO 11	681
85	94	HOT	RFO 12	682
85	130	HOT	RFO 13	683
86	19	HOT	RFO 11	684
86	26	HOT	RFO 11	685
86	40	HOT	RFO 11	686
86	43	HOT	RFO 11	687
86	46	HOT	RFO 12	688
86	61	HOT	RFO 12	689

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
86	64	HOT	RFO 12	690
86	82	HOT	RFO 11	691
86	87	HOT	RFO 11	692
86	100	HOT	RFO 11	693
86	111	HOT	RFO 11	694
86	118	HOT	RFO 12	695
87	3	HOT	RFO 12	696
87	25	HOT	RFO 12	697
		HOT	RFO 11	697
87	26	HOT	RFO 12	698
87	28	HOT	RFO 11	699
87	29	HOT	RFO 14	700
87	46	HOT	RFO 11	701
87	52	HOT	RFO 11	702
87	54	HOT	RFO 12	703
87	85	HOT	RFO 11	704
87	102	HOT	RFO 11	705
87	103	HOT	RFO 11	706
87	106	HOT	RFO 11	707
87	126	HOT	RFO 12	708
		HOT	RFO 11	708
88	2	COLD	RFO 13	709
88	19	HOT	RFO 12	710
		HOT	RFO 11	710
88	27	HOT	RFO 12	711
		HOT	RFO 11	711
88	33	HOT	RFO 12	712
88	38	HOT	RFO 11	713
88	40	HOT	RFO 12	714
88	54	HOT	RFO 11	715
88	104	HOT	RFO 11	716
88	129	HOT	RFO 11	717
89	1	HOT	RFO 11	718
89	16	HOT	RFO 12	719
		HOT	RFO 11	719
89	24	HOT	RFO 11	720
89	33	HOT	RFO 11	721
89	45	HOT	RFO 11	722
89	54	HOT	RFO 11	723
89	68	HOT	RFO 11	724
89	73	HOT	RFO 11	725
89	79	HOT	RFO 11	726
89	82	HOT	RFO 11	727
89	88	HOT	RFO 11	728

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
89	89	HOT	RFO 11	729
89	90	HOT	RFO 11	730
89	93	HOT	RFO 11	731
89	108	HOT	RFO 11	732
89	110	HOT	RFO 11	733
89	119	HOT	RFO 11	734
89	121	HOT	RFO 11	735
89	130	HOT	RFO 11	736
90	1	HOT	RFO 11	737
90	2	HOT	RFO 13	738
90	11	HOT	RFO 12	739
90	16	HOT	RFO 11	740
90	41	HOT	RFO 12	741
90	55	HOT	RFO 11	742
90	56	HOT	RFO 11	743
90	113	HOT	RFO 11	744
90	128	HOT	RFO 13	745
90	129	HOT	RFO 11	746
91	1	HOT	RFO 11	747
91	25	HOT	RFO 11	748
91	38	HOT	RFO 12	749
91	58	HOT	RFO 12	750
91	80	HOT	RFO 11	751
91	82	HOT	RFO 11	752
91	86	HOT	RFO 11	753
91	91	HOT	RFO 11	754
91	94	HOT	RFO 11	755
91	104	HOT	RFO 11	756
91	111	HOT	RFO 13	757
91	117	HOT	RFO 11	758
91	126	HOT	RFO 11	759
92	1	HOT	RFO 11	760
92	14	HOT	RFO 11	761
92	19	HOT	RFO 11	762
92	22	HOT	RFO 12	763
92	43	HOT	RFO 11	764
92	48	HOT	RFO 11	765
92	55	HOT	RFO 11	766
92	56	HOT	RFO 11	767
92	58	HOT	RFO 11	768
92	77	HOT	RFO 11	769
92	84	HOT	RFO 11	770
92	85	HOT	RFO 12	771
92	98	HOT	RFO 11	772

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
92	111	HOT	RFO 11	773
92	129	HOT	RFO 11	774
93	1	HOT	RFO 12	775
93	14	HOT	RFO 11	776
93	28	HOT	RFO 11	777
93	33	HOT	RFO 11	778
93	35	HOT	RFO 11	779
93	49	HOT	RFO 11	780
93	51	HOT	RFO 11	781
93	53	HOT	RFO 11	782
93	75	HOT	RFO 11	783
93	76	HOT	RFO 11	784
93	82	HOT	RFO 11	785
93	84	HOT	RFO 11	786
93	85	HOT	RFO 11	787
93	92	HOT	RFO 11	788
93	102	HOT	RFO 11	789
93	109	HOT	RFO 13	790
93	124	HOT	RFO 11	791
94	2	HOT	RFO 13	792
94	7	HOT	RFO 12	793
94	18	HOT	RFO 11	794
94	20	HOT	RFO 11	795
94	22	HOT	RFO 11	796
94	24	HOT	RFO 11	797
94	40	HOT	RFO 12	798
94	49	HOT	RFO 13	799
94	52	HOT	RFO 13	800
94	55	HOT	RFO 11	801
94	56	HOT	RFO 11	802
94	68	HOT	RFO 12	803
94	81	HOT	RFO 11	804
94	84	HOT	RFO 11	805
94	95	HOT	RFO 13	806
94	99	HOT	RFO 11	807
94	105	HOT	RFO 11	808
94	107	HOT	RFO 11	809
94	111	HOT	RFO 11	810
94	113	HOT	RFO 11	811
94	126	HOT	RFO 13	812
94	128	HOT	RFO 11	813
95	1	HOT	RFO 11	814
95	17	HOT	RFO 11	815
95	34	HOT	RFO 11	816

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
95	47	HOT	RFO 11	817
95	51	HOT	RFO 11	818
95	53	HOT	RFO 11	819
95	55	HOT	RFO 11	820
95	98	HOT	RFO 11	821
95	99	HOT	RFO 11	822
95	102	HOT	RFO 11	823
95	118	HOT	RFO 12	824
95	128	HOT	RFO 11	825
96	1	HOT	RFO 11	826
96	19	HOT	RFO 11	827
96	51	HOT	RFO 11	828
96	65	HOT	RFO 12	829
96	97	HOT	RFO 13	830
96	101	HOT	RFO 11	831
96	102	HOT	RFO 11	832
96	103	HOT	RFO 11	833
96	106	HOT	RFO 11	834
96	107	HOT	RFO 12	835
96	108	HOT	RFO 11	836
96	109	HOT	RFO 11	837
96	127	HOT	RFO 11	838
97	6	HOT	RFO 11	839
97	11	HOT	RFO 12	840
97	26	HOT	RFO 14	841
97	30	HOT	RFO 11	842
97	31	HOT	RFO 11	843
97	38	HOT	RFO 11	844
97	39	HOT	RFO 14	845
97	46	HOT	RFO 11	846
97	53	HOT	RFO 11	847
97	76	HOT	RFO 11	848
97	84	HOT	RFO 11	849
97	97	HOT	RFO 11	850
97	102	HOT	RFO 11	851
97	104	HOT	RFO 11	852
97	106	HOT	RFO 11	853
97	120	HOT	RFO 11	854
97	125	HOT	RFO 13	855
98	1	HOT	RFO 11	856
98	40	HOT	RFO 11	857
98	42	HOT	RFO 11	858
98	49	HOT	RFO 11	859
98	55	HOT	RFO 11	860

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
98	83	HOT	RFO 11	861
98	86	HOT	RFO 11	862
98	87	HOT	RFO 11	863
98	88	HOT	RFO 11	864
98	91	HOT	RFO 11	865
98	96	HOT	RFO 11	866
98	97	HOT	RFO 13	867
98	101	HOT	RFO 11	868
98	110	HOT	RFO 12	869
98	127	HOT	RFO 11	870
99	1	HOT	RFO 13	871
99	2	HOT	RFO 13	872
99	16	HOT	RFO 12	873
99	22	HOT	RFO 12	874
99	28	HOT	RFO 12	875
99	51	HOT	RFO 13	876
99	55	HOT	RFO 11	877
99	64	HOT	RFO 13	878
99	79	HOT	RFO 12	879
		HOT	RFO 11	879
99	80	HOT	RFO 11	880
99	93	HOT	RFO 11	881
99	97	HOT	RFO 11	882
99	107	HOT	RFO 13	883
99	116	HOT	RFO 11	884
99	126	HOT	RFO 11	885
100	15	HOT	RFO 12	886
100	28	HOT	RFO 12	887
100	33	HOT	RFO 13	888
100	39	HOT	RFO 11	889
100	52	HOT	RFO 11	890
100	76	HOT	RFO 12	891
		HOT	RFO 11	891
100	78	HOT	RFO 11	892
100	84	HOT	RFO 11	893
100	93	HOT	RFO 11	894
100	110	HOT	RFO 11	895
101	1	HOT	RFO 13	896
101	5	HOT	RFO 11	897
101	27	HOT	RFO 12	898
101	36	HOT	RFO 13	899
101	38	HOT	RFO 12	900
101	49	HOT	RFO 11	901
101	50	HOT	RFO 11	902

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
101	76	HOT	RFO 12	903
		HOT	RFO 11	903
101	80	HOT	RFO 11	904
101	85	HOT	RFO 11	905
101	88	HOT	RFO 11	906
101	89	HOT	RFO 11	907
101	97	HOT	RFO 11	908
101	105	HOT	RFO 11	909
102	5	HOT	RFO 11	910
102	16	HOT	RFO 12	911
102	34	HOT	RFO 11	912
102	42	HOT	RFO 13	913
102	45	HOT	RFO 11	914
102	53	HOT	RFO 14	915
102	76	HOT	RFO 11	916
102	77	HOT	RFO 11	917
102	101	HOT	RFO 11	918
102	102	HOT	RFO 11	919
102	105	HOT	RFO 11	920
102	112	HOT	RFO 12	921
103	24	HOT	RFO 12	922
103	37	HOT	RFO 11	923
103	38	HOT	RFO 11	924
103	42	HOT	RFO 11	925
103	64	HOT	RFO 13	926
103	74	HOT	RFO 11	927
103	75	HOT	RFO 11	928
103	76	HOT	RFO 11	929
103	78	HOT	RFO 11	930
103	86	HOT	RFO 11	931
103	104	HOT	RFO 11	932
103	106	HOT	RFO 13	933
103	124	HOT	RFO 11	934
104	1	HOT	RFO 11	935
104	10	HOT	RFO 12	936
104	17	HOT	RFO 12	937
104	34	HOT	RFO 11	938
104	41	HOT	RFO 12	939
104	44	HOT	RFO 13	940
104	46	HOT	RFO 13	941
104	60	HOT	RFO 14	942
104	74	HOT	RFO 14	943
104	76	HOT	RFO 11	944
104	94	HOT	RFO 11	945

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
104	100	HOT	RFO 11	946
105	15	HOT	RFO 13	947
105	16	HOT	RFO 12	948
105	25	HOT	RFO 12	949
105	39	HOT	RFO 11	950
105	50	HOT	RFO 11	951
105	74	HOT	RFO 11	952
105	75	HOT	RFO 11	953
105	81	HOT	RFO 11	954
105	89	HOT	RFO 11	955
105	122	HOT	RFO 11	956
106	1	HOT	RFO 11	957
106	14	HOT	RFO 13	958
106	25	HOT	RFO 14	959
106	45	HOT	RFO 13	960
106	54	HOT	RFO 14	961
106	63	HOT	RFO 12	962
106	70	HOT	RFO 12	963
106	73	HOT	RFO 11	964
106	75	HOT	RFO 11	965
106	79	HOT	RFO 11	966
106	85	HOT	RFO 12	967
106	88	HOT	RFO 12	968
106	96	HOT	RFO 11	969
107	1	HOT	RFO 11	970
107	2	HOT	RFO 12	971
107	3	HOT	RFO 13	972
107	11	HOT	RFO 11	973
107	24	HOT	RFO 11	974
107	25	HOT	RFO 11	975
107	57	HOT	RFO 11	976
107	72	HOT	RFO 12	977
107	85	HOT	RFO 12	978
107	95	HOT	RFO 11	979
107	120	HOT	RFO 11	980
108	1	HOT	RFO 12	981
108	3	HOT	RFO 13	982
108	8	HOT	RFO 12	983
108	18	HOT	RFO 11	984
108	26	HOT	RFO 11	985
108	32	HOT	RFO 11	986
108	39	HOT	RFO 12	987
108	61	HOT	RFO 12	988
108	66	HOT	RFO 11	989

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
108	68	HOT	RFO 12	990
		HOT	RFO 11	990
108	88	HOT	RFO 11	991
108	89	HOT	RFO 11	992
108	118	HOT	RFO 13	993
108	119	HOT	RFO 11	994
109	1	HOT	RFO 11	995
109	11	HOT	RFO 12	996
109	17	HOT	RFO 13	997
109	18	HOT	RFO 11	998
109	35	HOT	RFO 11	999
109	41	HOT	RFO 12	1000
109	43	HOT	RFO 11	1001
109	66	HOT	RFO 12	1002
		HOT	RFO 11	1002
109	72	HOT	RFO 11	1003
109	73	HOT	RFO 11	1004
109	94	HOT	RFO 11	1005
109	118	HOT	RFO 11	1006
110	1	HOT	RFO 11	1007
110	2	HOT	RFO 13	1008
110	19	HOT	RFO 11	1009
110	39	HOT	RFO 11	1010
110	40	HOT	RFO 11	1011
110	63	HOT	RFO 11	1012
110	66	HOT	RFO 11	1013
110	72	HOT	RFO 11	1014
110	79	HOT	RFO 11	1015
110	86	HOT	RFO 11	1016
110	89	HOT	RFO 11	1017
110	117	HOT	RFO 13	1018
111	1	HOT	RFO 13	1019
111	20	HOT	RFO 11	1020
111	26	HOT	RFO 11	1021
111	28	HOT	RFO 11	1022
111	40	HOT	RFO 12	1023
111	62	HOT	RFO 11	1024
111	63	HOT	RFO 11	1025
111	65	HOT	RFO 11	1026
111	71	HOT	RFO 11	1027
111	95	HOT	RFO 11	1028
111	97	HOT	RFO 11	1029
111	100	HOT	RFO 11	1030
111	101	HOT	RFO 11	1031

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
111	106	HOT	RFO 11	1032
111	114	HOT	RFO 13	1033
111	116	HOT	RFO 13	1034
112	1	HOT	RFO 11	1035
112	46	HOT	RFO 14	1036
112	48	HOT	RFO 11	1037
112	61	HOT	RFO 12	1038
112	71	HOT	RFO 11	1039
112	77	HOT	RFO 11	1040
112	79	HOT	RFO 11	1041
112	85	HOT	RFO 11	1042
112	87	HOT	RFO 11	1043
112	89	HOT	RFO 11	1044
112	90	HOT	RFO 13	1045
112	93	HOT	RFO 11	1046
112	94	HOT	RFO 11	1047
112	96	HOT	RFO 11	1048
112	116	HOT	RFO 12	1049
112	117	HOT	RFO 11	1050
113	2	HOT	RFO 11	1051
113	52	HOT	RFO 11	1052
113	56	HOT	RFO 14	1053
113	65	HOT	RFO 12	1054
113	70	HOT	RFO 12	1055
113	74	HOT	RFO 12	1056
113	79	HOT	RFO 11	1057
113	81	HOT	RFO 11	1058
113	85	HOT	RFO 11	1059
113	91	HOT	RFO 11	1060
113	95	HOT	RFO 11	1061
113	115	HOT	RFO 11	1062
113	116	HOT	RFO 11	1063
114	22	HOT	RFO 11	1064
114	39	HOT	RFO 12	1065
114	40	HOT	RFO 11	1066
114	48	HOT	RFO 11	1067
114	51	HOT	RFO 14	1068
114	52	HOT	RFO 11	1069
114	67	HOT	RFO 14	1070
114	70	HOT	RFO 11	1071
114	77	HOT	RFO 11	1072
114	112	HOT	RFO 13	1073
114	115	HOT	RFO 11	1074
115	49	HOT	RFO 11	1075

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
115	74	HOT	RFO 13	1076
115	76	HOT	RFO 11	1077
115	79	HOT	RFO 11	1078
115	81	HOT	RFO 11	1079
115	112	HOT	RFO 13	1080
115	114	HOT	RFO 11	1081
116	30	HOT	RFO 13	1082
116	43	HOT	RFO 11	1083
116	66	HOT	RFO 11	1084
116	72	HOT	RFO 11	1085
116	77	HOT	RFO 11	1086
116	85	HOT	RFO 11	1087
116	88	HOT	RFO 11	1088
116	112	HOT	RFO 13	1089
116	113	HOT	RFO 11	1090
117	39	HOT	RFO 11	1091
117	63	HOT	RFO 14	1092
117	66	HOT	RFO 11	1093
117	67	HOT	RFO 11	1094
117	80	HOT	RFO 11	1095
117	85	HOT	RFO 12	1096
117	96	HOT	RFO 12	1097
117	108	HOT	RFO 13	1098
118	35	HOT	RFO 11	1099
118	38	HOT	RFO 14	1100
118	64	HOT	RFO 11	1101
118	68	HOT	RFO 11	1102
118	77	HOT	RFO 11	1103
118	82	HOT	RFO 11	1104
118	83	HOT	RFO 11	1105
118	87	HOT	RFO 11	1106
118	107	HOT	RFO 11	1107
119	38	HOT	RFO 12	1108
119	42	HOT	RFO 12	1109
119	49	HOT	RFO 11	1110
119	62	HOT	RFO 11	1111
119	64	HOT	RFO 12	1112
119	69	HOT	RFO 11	1113
119	78	HOT	RFO 11	1114
119	91	HOT	RFO 11	1115
119	108	HOT	RFO 11	1116
120	13	HOT	RFO 11	1117
120	17	HOT	RFO 13	1118
120	46	HOT	RFO 14	1119

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
120	60	HOT	RFO 11	1120
120	68	HOT	RFO 11	1121
120	79	HOT	RFO 14	1122
121	1	HOT	RFO 13	1123
121	2	HOT	RFO 13	1124
121	3	HOT	RFO 13	1125
121	14	HOT	RFO 12	1126
121	15	HOT	RFO 11	1127
121	27	HOT	RFO 11	1128
121	30	HOT	RFO 12	1129
121	34	HOT	RFO 11	1130
121	61	HOT	RFO 11	1131
121	62	HOT	RFO 11	1132
121	68	HOT	RFO 13	1133
121	72	HOT	RFO 12	1134
		HOT	RFO 11	1134
121	82	HOT	RFO 11	1135
121	83	HOT	RFO 13	1136
121	106	HOT	RFO 11	1137
122	1	HOT	RFO 12	1138
122	25	HOT	RFO 11	1139
122	33	HOT	RFO 14	1140
122	42	HOT	RFO 11	1141
122	44	HOT	RFO 12	1142
		HOT	RFO 11	1142
122	50	HOT	RFO 11	1143
122	82	HOT	RFO 13	1144
122	105	HOT	RFO 11	1145
123	1	HOT	RFO 11	1146
123	2	HOT	RFO 13	1147
123	6	HOT	RFO 14	1148
123	20	HOT	RFO 11	1149
123	24	HOT	RFO 11	1150
123	51	HOT	RFO 14	1151
123	54	HOT	RFO 11	1152
123	60	HOT	RFO 11	1153
123	61	HOT	RFO 11	1154
123	62	HOT	RFO 11	1155
123	65	HOT	RFO 11	1156
123	75	HOT	RFO 12	1157
		HOT	RFO 11	1157
123	96	HOT	RFO 12	1158
		HOT	RFO 11	1158
123	103	HOT	RFO 11	1159

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
123	104	HOT	RFO 13	1160
124	1	HOT	RFO 13	1161
124	3	HOT	RFO 13	1162
124	8	HOT	RFO 13	1163
124	23	HOT	RFO 13	1164
124	27	HOT	RFO 12	1165
124	28	HOT	RFO 11	1166
124	33	HOT	RFO 11	1167
124	36	HOT	RFO 14	1168
124	40	HOT	RFO 11	1169
124	41	HOT	RFO 12	1170
124	54	HOT	RFO 11	1171
124	55	HOT	RFO 11	1172
124	56	HOT	RFO 11	1173
124	57	HOT	RFO 11	1174
124	58	HOT	RFO 11	1175
124	61	HOT	RFO 11	1176
124	65	HOT	RFO 11	1177
124	67	HOT	RFO 11	1178
124	71	HOT	RFO 11	1179
124	77	HOT	RFO 11	1180
124	89	HOT	RFO 11	1181
124	101	HOT	RFO 11	1182
125	10	HOT	RFO 11	1183
125	14	HOT	RFO 12	1184
125	27	HOT	RFO 13	1185
125	28	HOT	RFO 11	1186
125	31	HOT	RFO 11	1187
125	33	HOT	RFO 11	1188
125	34	HOT	RFO 11	1189
125	40	HOT	RFO 11	1190
125	48	HOT	RFO 12	1191
125	52	HOT	RFO 11	1192
125	68	HOT	RFO 11	1193
125	72	HOT	RFO 11	1194
125	87	HOT	RFO 11	1195
125	97	HOT	RFO 13	1196
125	100	HOT	RFO 11	1197
126	1	HOT	RFO 11	1198
126	2	HOT	RFO 14	1199
126	24	HOT	RFO 11	1200
126	38	HOT	RFO 11	1201
126	39	HOT	RFO 11	1202
126	43	HOT	RFO 11	1203

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
126	49	HOT	RFO 11	1204
126	53	HOT	RFO 11	1205
126	60	HOT	RFO 11	1206
126	94	HOT	RFO 11	1207
126	95	HOT	RFO 12	1208
127	1	HOT	RFO 14	1209
127	2	HOT	RFO 12	1210
127	5	HOT	RFO 12	1211
127	8	HOT	RFO 11	1212
127	27	HOT	RFO 11	1213
127	33	HOT	RFO 11	1214
127	39	HOT	RFO 11	1215
127	51	HOT	RFO 11	1216
127	71	HOT	RFO 11	1217
127	79	HOT	RFO 13	1218
127	86	HOT	RFO 11	1219
127	90	HOT	RFO 11	1220
127	97	HOT	RFO 13	1221
127	98	HOT	RFO 11	1222
128	1	HOT	RFO 14	1223
128	59	HOT	RFO 11	1224
129	1	HOT	RFO 12	1225
129	26	HOT	RFO 11	1226
129	31	HOT	RFO 11	1227
129	92	HOT	RFO 13	1228
129	94	HOT	RFO 11	1229
130	1	HOT	RFO 11	1230
130	2	HOT	RFO 13	1231
130	3	HOT	RFO 13	1232
130	12	HOT	RFO 11	1233
130	18	HOT	RFO 11	1234
130	25	HOT	RFO 11	1235
130	29	HOT	RFO 11	1236
130	48	HOT	RFO 11	1237
130	58	HOT	RFO 14	1238
130	64	HOT	RFO 13	1239
130	69	HOT	RFO 11	1240
130	77	HOT	RFO 13	1241
130	92	HOT	RFO 11	1242
130	93	HOT	RFO 11	1243
131	1	HOT	RFO 12	1244
131	2	HOT	RFO 13	1245
131	3	HOT	RFO 13	1246
131	8	HOT	RFO 13	1247

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
131	19	HOT	RFO 13	1248
131	24	HOT	RFO 11	1249
131	27	HOT	RFO 11	1250
131	29	HOT	RFO 12	1251
131	70	HOT	RFO 13	1252
131	72	HOT	RFO 11	1253
131	75	HOT	RFO 11	1254
131	90	HOT	RFO 13	1255
132	1	HOT	RFO 11	1256
132	2	HOT	RFO 11	1257
132	3	HOT	RFO 14	1258
132	21	HOT	RFO 13	1259
132	53	HOT	RFO 13	1260
132	54	HOT	RFO 13	1261
132	84	HOT	RFO 13	1262
132	85	HOT	RFO 11	1263
133	1	HOT	RFO 12	1264
133	2	HOT	RFO 13	1265
133	22	HOT	RFO 11	1266
133	25	HOT	RFO 13	1267
133	32	HOT	RFO 13	1268
133	54	HOT	RFO 11	1269
134	1	HOT	RFO 13	1270
134	2	HOT	RFO 14	1271
134	3	HOT	RFO 13	1272
134	27	HOT	RFO 11	1273
134	48	HOT	RFO 11	1274
134	84	HOT	RFO 13	1275
135	1	HOT	RFO 11	1276
135	2	HOT	RFO 14	1277
135	4	HOT	RFO 13	1278
135	52	HOT	RFO 11	1279
135	64	HOT	RFO 11	1280
135	76	HOT	RFO 12	1281
135	82	HOT	RFO 11	1282
136	1	HOT	RFO 11	1283
136	2	HOT	RFO 13	1284
136	3	HOT	RFO 13	1285
136	20	HOT	RFO 11	1286
136	51	HOT	RFO 12	1287
136	59	HOT	RFO 12	1288
136	77	HOT	RFO 11	1289
136	80	HOT	RFO 13	1290
136	81	HOT	RFO 13	1291

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
137	2	HOT	RFO 11	1292
137	3	HOT	RFO 14	1293
137	4	HOT	RFO 13	1294
137	16	HOT	RFO 11	1295
137	18	HOT	RFO 11	1296
137	25	COLD	RFO 13	1297
137	53	HOT	RFO 12	1298
137	77	HOT	RFO 13	1299
138	3	HOT	RFO 13	1300
138	4	HOT	RFO 13	3
138	16	HOT	RFO 11	1302
138	66	HOT	RFO 11	1303
138	71	HOT	RFO 13	1304
138	72	HOT	RFO 13	1305
139	1	HOT	RFO 12	1306
139	3	HOT	RFO 13	1307
139	17	HOT	RFO 11	1308
139	21	HOT	RFO 13	1309
139	73	HOT	RFO 13	1310
139	74	HOT	RFO 11	1311
140	1	HOT	RFO 11	1312
140	2	HOT	RFO 11	1313
140	5	HOT	RFO 13	1314
140	6	HOT	RFO 13	1315
140	15	HOT	RFO 12	1316
140	21	HOT	RFO 13	1317
140	68	HOT	RFO 13	1318
140	70	HOT	RFO 11	1319
140	71	HOT	RFO 11	1320
141	1	HOT	RFO 13	1321
141	2	HOT	RFO 13	1322
141	5	HOT	RFO 13	1323
141	10	HOT	RFO 14	1324
141	38	HOT	RFO 11	1325
141	65	HOT	RFO 13	1326
141	66	HOT	RFO 11	1327
141	67	HOT	RFO 13	1328
141	68	HOT	RFO 11	1329
142	1	HOT	RFO 11	1330
142	2	HOT	RFO 11	1331
142	3	HOT	RFO 13	1332
142	4	HOT	RFO 13	1333
142	5	HOT	RFO 13	1334
142	18	HOT	RFO 11	1335

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
142	30	COLD	RFO 13	1336
142	62	HOT	RFO 13	1337
142	63	HOT	RFO 12	1338
142	64	HOT	RFO 11	1339
142	65	HOT	RFO 11	1340
143	2	HOT	RFO 11	1341
143	3	HOT	RFO 11	1342
143	31	HOT	RFO 13	1343
143	60	HOT	RFO 11	1344
143	61	HOT	RFO 11	1345
144	1	HOT	RFO 11	1346
144	2	HOT	RFO 11	1347
144	56	HOT	RFO 11	1348
144	57	HOT	RFO 13	1349
145	1	HOT	RFO 11	1350
145	2	HOT	RFO 11	1351
145	4	HOT	RFO 13	1352
145	12	HOT	RFO 12	1353
145	53	HOT	RFO 11	1354
145	54	HOT	RFO 11	1355
146	1	HOT	RFO 11	1356
146	4	HOT	RFO 13	1357
146	10	HOT	RFO 13	1358
146	47	HOT	RFO 13	1359
146	49	HOT	RFO 11	1360
147	1	HOT	RFO 13	1361
147	4	HOT	RFO 13	1362
		COLD	RFO 13	1362
147	7	HOT	RFO 13	1363
147	15	HOT	RFO 12	1364
147	17	HOT	RFO 12	1365
147	38	HOT	RFO 13	1366
147	39	HOT	RFO 13	1367
147	40	HOT	RFO 13	1368
147	44	HOT	RFO 13	1369
147	45	HOT	RFO 13	1370
147	46	HOT	RFO 11	1371
148	2	HOT	RFO 13	1372
148	3	HOT	RFO 13	1373
148	5	HOT	RFO 13	1374
148	7	HOT	RFO 13	1375
148	10	HOT	RFO 12	1376
148	21	HOT	RFO 12	1377
148	32	HOT	RFO 13	1378

Tubes Re-Rolled and In-Service in OTSG-B

ROW	TUBE	LEG	OUTAGE INSTALLED	TUBE COUNT
148	34	HOT	RFO 13	1379
148	35	HOT	RFO 13	1380
148	39	HOT	RFO 11	1381
148	41	HOT	RFO 11	1382
149	1	HOT	RFO 11	1383
149	3	HOT	RFO 13	1384
149	11	HOT	RFO 12	1385
149	24	HOT	RFO 13	1386
149	29	HOT	RFO 13	1387
149	30	HOT	RFO 13	1388
149	31	HOT	RFO 11	1389
149	32	HOT	RFO 13	1390
150	1	HOT	RFO 12	1391
150	2	HOT	RFO 11	1392
150	3	HOT	RFO 14	1393
150	4	HOT	RFO 11	1394
150	27	HOT	RFO 13	1395
151	2	HOT	RFO 13	1396
151	3	HOT	RFO 13	1397
151	4	HOT	RFO 11	1398
151	5	HOT	RFO 11	1399
151	9	HOT	RFO 11	1400
151	10	HOT	RFO 13	1401

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

APPENDIX 5 TO SPECIAL REPORT 06-01

**TUBES WITH
TUBE END CRACKS
(TEC)
REMAINING IN-SERVICE**

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
3	34	COLD	1
5	21	HOT	2
5	23	HOT	3
5	24	HOT	4
5	32	HOT	5
5	33	HOT	6
6	22	HOT	7
6	27	HOT	8
6	28	HOT	9
6	30	HOT	10
6	34	HOT	11
6	36	HOT	12
7	27	HOT	13
7	30	HOT	14
7	32	HOT	15
8	26	HOT	16
8	30	HOT	17
8	37	HOT	18
8	45	HOT	19
9	42	HOT	20
9	54	HOT	21
9	58	HOT	22
10	30	HOT	23
10	49	HOT	24
10	55	HOT	25
10	56	HOT	26
11	20	HOT	27
11	36	HOT	28
11	39	HOT	29
11	57	HOT	30
11	59	HOT	31
12	35	HOT	32
12	39	HOT	33
12	45	HOT	34
12	46	HOT	35
12	53	HOT	36
12	55	HOT	37
12	65	HOT	38
13	35	HOT	39
13	37	HOT	40
13	39	HOT	41
13	42	HOT	42
13	47	HOT	43
13	48	HOT	44

ROW	TUBE	LEG	TUBE COUNT
13	53	HOT	45
13	54	HOT	46
13	55	HOT	47
13	56	HOT	48
13	64	HOT	49
13	68	HOT	50
14	41	HOT	51
14	45	HOT	52
14	46	HOT	53
14	47	HOT	54
14	54	HOT	55
14	55	HOT	56
14	57	HOT	57
14	66	HOT	58
14	67	HOT	59
14	69	HOT	60
14	70	HOT	61
15	39	HOT	62
15	40	HOT	63
15	44	HOT	64
15	45	HOT	65
15	46	HOT	66
15	56	HOT	67
15	67	HOT	68
15	68	HOT	69
15	73	HOT	70
16	37	HOT	71
16	40	HOT	72
16	42	HOT	73
16	46	HOT	74
16	48	HOT	75
16	57	HOT	76
16	58	HOT	77
16	70	HOT	78
16	73	HOT	79
17	38	HOT	80
17	41	HOT	81
17	57	HOT	82
17	70	HOT	83
17	71	HOT	84
17	72	HOT	85
17	73	HOT	86
17	74	HOT	87
17	75	HOT	88

ROW	TUBE	LEG	TUBE COUNT
17	78	HOT	89
18	16	HOT	90
18	45	HOT	91
18	50	HOT	92
18	59	HOT	93
18	60	HOT	94
18	70	HOT	95
18	71	HOT	96
18	72	HOT	97
18	74	HOT	98
18	75	HOT	99
18	76	HOT	100
18	78	HOT	101
18	81	HOT	102
19	40	HOT	103
19	59	HOT	104
19	62	HOT	105
19	69	HOT	106
19	72	HOT	107
19	73	HOT	108
19	74	HOT	109
19	75	HOT	110
19	76	HOT	111
19	77	HOT	112
20	36	HOT	113
20	39	HOT	114
20	40	HOT	115
20	41	HOT	116
20	42	HOT	117
20	57	HOT	118
20	59	HOT	119
20	60	HOT	120
20	66	HOT	121
20	68	HOT	122
20	69	HOT	123
20	72	HOT	124
20	74	HOT	125
20	75	HOT	126
20	76	HOT	127
20	77	HOT	128
20	79	HOT	129
20	85	COLD	130
21	38	HOT	131
21	61	HOT	132

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
21	62	HOT	133
21	64	HOT	134
21	67	HOT	135
21	73	HOT	136
21	74	HOT	137
21	75	HOT	138
21	76	HOT	139
21	77	HOT	140
21	81	HOT	141
21	83	HOT	142
21	85	HOT	143
21	86	HOT	144
22	8	HOT	145
22	33	HOT	146
22	52	HOT	147
22	63	HOT	148
22	65	HOT	149
22	66	HOT	150
22	68	HOT	151
22	72	HOT	152
22	74	HOT	153
22	76	HOT	154
22	78	HOT	155
22	80	HOT	156
22	82	HOT	157
22	85	HOT	158
22	86	HOT	159
22	89	HOT	160
22	90	HOT	161
23	50	HOT	162
23	65	HOT	163
23	69	HOT	164
23	76	HOT	165
23	77	HOT	166
23	78	HOT	167
23	79	HOT	168
23	80	HOT	169
23	81	HOT	170
23	85	HOT	171
23	86	HOT	172
23	89	HOT	173
24	5	HOT	174
24	24	HOT	175
24	53	HOT	176

ROW	TUBE	LEG	TUBE COUNT
24	55	HOT	177
24	65	HOT	178
24	66	HOT	179
24	68	HOT	180
24	69	HOT	181
24	76	HOT	182
24	77	HOT	183
24	79	HOT	184
24	80	HOT	185
24	83	HOT	186
24	84	HOT	187
24	86	HOT	188
24	90	HOT	189
25	6	HOT	190
25	13	HOT	191
25	55	HOT	192
25	59	HOT	193
25	66	HOT	194
25	67	HOT	195
25	68	HOT	196
25	78	HOT	197
25	79	HOT	198
25	80	HOT	199
25	81	HOT	200
25	84	HOT	201
25	85	HOT	202
25	88	HOT	203
25	89	HOT	204
25	90	HOT	205
26	3	HOT	206
26	43	HOT	207
26	46	HOT	208
26	50	HOT	209
26	55	HOT	210
26	68	HOT	211
26	79	HOT	212
26	81	HOT	213
26	82	HOT	214
26	85	HOT	215
26	86	HOT	216
26	87	HOT	217
26	88	HOT	218
26	90	HOT	219
26	93	HOT	220

ROW	TUBE	LEG	TUBE COUNT
27	56	HOT	221
27	57	HOT	222
27	60	HOT	223
27	66	HOT	224
27	78	HOT	225
27	79	HOT	226
27	82	HOT	227
27	83	HOT	228
27	84	HOT	229
27	86	HOT	230
27	87	HOT	231
27	88	HOT	232
27	90	HOT	233
27	93	HOT	234
28	12	HOT	235
28	47	HOT	236
28	51	HOT	237
28	56	HOT	238
28	59	HOT	239
28	61	HOT	240
28	67	HOT	241
28	68	HOT	242
28	70	HOT	243
28	75	HOT	244
28	79	HOT	245
28	80	HOT	246
28	83	HOT	247
28	88	HOT	248
28	89	HOT	249
28	91	HOT	250
28	94	HOT	251
28	97	HOT	252
29	50	HOT	253
29	54	HOT	254
29	58	HOT	255
29	60	HOT	256
29	68	HOT	257
29	70	HOT	258
29	72	HOT	259
29	83	HOT	260
29	92	HOT	261
29	93	HOT	262
29	94	HOT	263
29	95	HOT	264

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
29	97	HOT	265
30	13	HOT	266
30	33	HOT	267
30	49	HOT	268
30	51	HOT	269
30	55	HOT	270
30	57	HOT	271
30	58	HOT	272
30	59	HOT	273
30	61	HOT	274
30	70	HOT	275
30	71	HOT	276
30	72	HOT	277
30	82	HOT	278
30	84	HOT	279
30	89	HOT	280
30	90	HOT	281
30	95	HOT	282
30	96	HOT	283
30	98	HOT	284
30	101	HOT	285
31	9	HOT	286
31	40	HOT	287
31	43	HOT	288
31	50	HOT	289
31	58	HOT	290
31	69	HOT	291
31	71	HOT	292
31	86	HOT	293
31	95	HOT	294
31	96	HOT	295
32	16	HOT	296
32	37	HOT	297
32	48	HOT	298
32	56	HOT	299
32	58	HOT	300
32	59	HOT	301
32	63	HOT	302
32	72	HOT	303
32	83	HOT	304
32	86	HOT	305
32	90	HOT	306
32	91	HOT	307
32	94	HOT	308

ROW	TUBE	LEG	TUBE COUNT
32	96	HOT	309
32	97	HOT	310
32	99	HOT	311
32	101	HOT	312
33	15	HOT	313
33	51	HOT	314
33	61	HOT	315
33	65	HOT	316
33	70	HOT	317
33	85	HOT	318
33	93	HOT	319
33	97	HOT	320
33	100	HOT	321
33	105	HOT	322
34	59	HOT	323
34	83	HOT	324
34	90	HOT	325
34	93	HOT	326
34	95	HOT	327
34	96	HOT	328
34	98	HOT	329
34	99	HOT	330
34	103	HOT	331
35	33	HOT	332
35	60	HOT	333
35	61	HOT	334
35	73	HOT	335
35	74	HOT	336
35	82	HOT	337
35	90	HOT	338
35	95	HOT	339
35	96	HOT	340
35	99	HOT	341
36	62	HOT	342
36	76	HOT	343
36	78	HOT	344
36	79	HOT	345
36	86	HOT	346
36	89	HOT	347
36	91	HOT	348
36	95	HOT	349
36	97	HOT	350
36	98	HOT	351
36	99	HOT	352

ROW	TUBE	LEG	TUBE COUNT
36	100	HOT	353
36	103	HOT	354
36	104	HOT	355
36	105	HOT	356
36	106	HOT	357
36	107	HOT	358
36	108	HOT	359
36	109	HOT	360
37	61	HOT	361
37	73	HOT	362
37	76	HOT	363
37	77	HOT	364
37	83	HOT	365
37	88	HOT	366
37	89	HOT	367
37	90	HOT	368
37	91	HOT	369
37	94	HOT	370
37	97	HOT	371
37	98	HOT	372
37	99	HOT	373
37	100	HOT	374
37	103	HOT	375
37	106	HOT	376
37	109	HOT	377
37	110	HOT	378
38	63	HOT	379
38	66	HOT	380
38	77	HOT	381
38	84	HOT	382
38	87	HOT	383
38	95	HOT	384
38	96	HOT	385
38	98	HOT	386
38	99	HOT	387
38	100	HOT	388
38	101	HOT	389
38	104	HOT	390
38	105	HOT	391
38	109	HOT	392
38	110	HOT	393
38	111	HOT	394
38	115	COLD	395
39	18	HOT	396

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
39	36	HOT	397
39	61	HOT	398
39	64	HOT	399
39	71	HOT	400
39	76	HOT	401
39	78	HOT	402
39	89	HOT	403
39	90	HOT	404
39	91	HOT	405
39	98	HOT	406
39	99	HOT	407
39	100	HOT	408
39	101	HOT	409
39	103	HOT	410
39	104	HOT	411
39	110	HOT	412
39	111	HOT	413
40	15	HOT	414
40	16	HOT	415
40	58	HOT	416
40	77	HOT	417
40	88	HOT	418
40	99	HOT	419
40	100	HOT	420
40	101	HOT	421
40	103	HOT	422
40	106	HOT	423
40	110	HOT	424
40	111	HOT	425
40	113	HOT	426
41	14	HOT	427
41	53	HOT	428
41	60	HOT	429
41	73	HOT	430
41	77	HOT	431
41	89	HOT	432
41	90	HOT	433
41	91	HOT	434
41	95	HOT	435
41	96	HOT	436
41	98	HOT	437
41	99	HOT	438
41	101	HOT	439
41	103	HOT	440

ROW	TUBE	LEG	TUBE COUNT
41	104	HOT	441
41	108	HOT	442
41	111	HOT	443
41	112	HOT	444
42	15	HOT	445
42	61	HOT	446
42	69	HOT	447
42	76	HOT	448
42	79	HOT	449
42	83	HOT	450
42	90	HOT	451
42	97	HOT	452
42	101	HOT	453
42	102	HOT	454
42	103	HOT	455
42	104	HOT	456
42	105	HOT	457
42	107	HOT	458
42	110	HOT	459
42	114	HOT	460
43	56	HOT	461
43	61	HOT	462
43	62	HOT	463
43	80	HOT	464
43	83	HOT	465
43	88	HOT	466
43	90	HOT	467
43	91	HOT	468
43	92	HOT	469
43	93	HOT	470
43	96	HOT	471
43	98	HOT	472
43	100	HOT	473
43	101	HOT	474
43	107	HOT	475
43	109	HOT	476
43	112	HOT	477
43	113	HOT	478
43	114	HOT	479
43	115	HOT	480
44	56	HOT	481
44	60	HOT	482
44	62	HOT	483
44	65	HOT	484

ROW	TUBE	LEG	TUBE COUNT
44	70	HOT	485
44	89	HOT	486
44	91	HOT	487
44	93	HOT	488
44	94	HOT	489
44	97	HOT	490
44	100	HOT	491
44	101	HOT	492
44	102	HOT	493
44	103	HOT	494
44	105	HOT	495
44	106	HOT	496
44	107	HOT	497
44	109	HOT	498
44	110	HOT	499
44	111	HOT	500
44	114	HOT	501
44	116	HOT	502
45	45	HOT	503
45	59	HOT	504
45	61	HOT	505
45	62	HOT	506
45	63	HOT	507
45	66	HOT	508
45	70	HOT	509
45	71	HOT	510
45	75	HOT	511
45	77	HOT	512
45	88	HOT	513
45	90	HOT	514
45	91	HOT	515
45	92	HOT	516
45	93	HOT	517
45	97	HOT	518
45	98	HOT	519
45	99	HOT	520
45	102	HOT	521
45	103	HOT	522
45	104	HOT	523
45	106	HOT	524
45	107	HOT	525
45	108	HOT	526
45	109	HOT	527
45	112	HOT	528

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
45	114	HOT	529
45	115	HOT	530
45	116	HOT	531
45	117	HOT	532
46	60	HOT	533
46	66	HOT	534
46	69	HOT	535
46	76	HOT	536
46	77	HOT	537
46	86	HOT	538
46	87	HOT	539
46	88	HOT	540
46	96	HOT	541
46	103	HOT	542
46	109	HOT	543
46	113	HOT	544
47	12	HOT	545
47	62	HOT	546
47	70	HOT	547
47	71	HOT	548
47	77	HOT	549
47	78	HOT	550
47	88	HOT	551
47	92	HOT	552
47	93	HOT	553
47	94	HOT	554
47	98	HOT	555
47	101	HOT	556
47	104	HOT	557
47	105	HOT	558
47	107	HOT	559
47	108	HOT	560
47	117	HOT	561
47	119	HOT	562
48	61	HOT	563
48	63	HOT	564
48	69	HOT	565
48	74	HOT	566
48	90	HOT	567
48	91	HOT	568
48	99	HOT	569
48	110	HOT	570
48	112	HOT	571
48	118	HOT	572

ROW	TUBE	LEG	TUBE COUNT
48	121	HOT	573
49	51	HOT	574
49	63	HOT	575
49	68	HOT	576
49	80	HOT	577
49	82	HOT	578
49	88	HOT	579
49	95	HOT	580
49	99	HOT	581
49	100	HOT	582
49	102	HOT	583
49	104	HOT	584
49	106	HOT	585
49	110	HOT	586
49	111	HOT	587
49	120	HOT	588
50	58	HOT	589
50	61	HOT	590
50	88	HOT	591
50	99	HOT	592
50	104	HOT	593
50	110	HOT	594
50	111	HOT	595
50	112	HOT	596
50	115	HOT	597
50	116	HOT	598
50	118	HOT	599
50	119	HOT	600
51	24	HOT	601
51	57	HOT	602
51	59	HOT	603
51	65	HOT	604
51	76	HOT	605
51	83	HOT	606
51	93	HOT	607
51	94	HOT	608
51	95	HOT	609
51	97	HOT	610
51	103	HOT	611
51	107	HOT	612
51	108	HOT	613
51	109	HOT	614
51	110	HOT	615
51	111	HOT	616

ROW	TUBE	LEG	TUBE COUNT
51	115	HOT	617
51	116	HOT	618
51	118	HOT	619
51	120	HOT	620
51	121	HOT	621
52	58	HOT	622
52	59	HOT	623
52	62	HOT	624
52	64	HOT	625
52	71	HOT	626
52	72	HOT	627
52	91	HOT	628
52	100	HOT	629
52	101	HOT	630
52	104	HOT	631
52	107	HOT	632
52	110	HOT	633
52	115	HOT	634
52	120	HOT	635
53	96	HOT	636
53	108	HOT	637
53	109	HOT	638
53	111	HOT	639
53	113	HOT	640
53	115	HOT	641
53	116	HOT	642
53	117	HOT	643
53	119	HOT	644
53	120	HOT	645
53	121	HOT	646
53	122	HOT	647
53	123	HOT	648
54	49	HOT	649
54	70	HOT	650
54	92	HOT	651
54	101	HOT	652
54	107	HOT	653
54	109	HOT	654
54	113	HOT	655
55	9	HOT	656
55	10	HOT	657
55	77	HOT	658
55	83	HOT	659
55	86	HOT	660

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
55	94	HOT	661
55	96	HOT	662
55	98	HOT	663
55	110	HOT	664
55	124	HOT	665
56	57	HOT	666
56	80	HOT	667
56	108	HOT	668
56	116	HOT	669
56	118	HOT	670
57	5	HOT	671
57	7	HOT	672
57	67	HOT	673
57	85	HOT	674
57	87	HOT	675
57	96	HOT	676
57	97	HOT	677
57	112	HOT	678
57	113	HOT	679
57	115	HOT	680
57	124	HOT	681
58	7	HOT	682
58	28	HOT	683
58	62	HOT	684
58	72	HOT	685
58	74	HOT	686
58	85	HOT	687
58	110	HOT	688
58	111	HOT	689
58	118	HOT	690
58	122	HOT	691
58	123	HOT	692
58	124	HOT	693
58	126	HOT	694
59	19	HOT	695
59	48	HOT	696
59	62	HOT	697
59	87	HOT	698
59	94	HOT	699
59	97	HOT	700
59	100	HOT	701
59	105	HOT	702
59	109	HOT	703
59	110	HOT	704

ROW	TUBE	LEG	TUBE COUNT
59	114	HOT	705
59	120	HOT	706
59	121	HOT	707
59	122	HOT	708
60	63	HOT	709
60	65	HOT	710
60	73	HOT	711
60	74	HOT	712
60	91	HOT	713
60	96	HOT	714
60	97	HOT	715
60	110	HOT	716
60	112	HOT	717
60	115	HOT	718
60	118	HOT	719
60	125	HOT	720
61	16	HOT	721
61	19	HOT	722
61	45	HOT	723
61	54	HOT	724
61	62	HOT	725
61	63	HOT	726
61	64	HOT	727
61	81	HOT	728
61	89	HOT	729
61	105	HOT	730
62	69	HOT	731
62	94	HOT	732
62	109	HOT	733
63	61	HOT	734
63	62	HOT	735
63	70	HOT	736
63	79	HOT	737
63	96	HOT	738
63	100	HOT	739
63	109	HOT	740
64	73	HOT	741
64	94	HOT	742
64	103	HOT	743
65	17	HOT	744
65	24	HOT	745
65	49	HOT	746
65	56	HOT	747
65	59	HOT	748

ROW	TUBE	LEG	TUBE COUNT
65	60	HOT	749
65	63	HOT	750
65	101	HOT	751
66	50	HOT	752
66	60	HOT	753
66	62	HOT	754
66	63	HOT	755
66	66	HOT	756
66	72	HOT	757
66	95	HOT	758
66	97	HOT	759
66	98	HOT	760
66	102	HOT	761
66	103	HOT	762
66	109	HOT	763
67	20	HOT	764
67	54	HOT	765
67	57	HOT	766
67	65	HOT	767
67	78	HOT	768
67	92	HOT	769
67	97	HOT	770
67	101	HOT	771
67	102	HOT	772
67	103	HOT	773
68	51	HOT	774
68	97	HOT	775
69	55	HOT	776
69	58	HOT	777
69	60	HOT	778
69	62	HOT	779
69	63	HOT	780
69	66	HOT	781
69	70	HOT	782
69	71	HOT	783
69	74	HOT	784
69	93	HOT	785
69	103	HOT	786
70	50	HOT	787
70	51	HOT	788
70	55	HOT	789
70	57	HOT	790
70	91	HOT	791
70	92	HOT	792

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
70	100	HOT	793
70	113	HOT	794
71	51	HOT	795
71	60	HOT	796
71	64	HOT	797
71	85	HOT	798
71	91	HOT	799
72	18	HOT	800
72	49	HOT	801
72	50	HOT	802
72	51	HOT	803
72	52	HOT	804
72	57	HOT	805
72	62	HOT	806
72	89	HOT	807
72	94	HOT	808
73	24	HOT	809
73	26	HOT	810
73	31	HOT	811
73	47	HOT	812
73	50	HOT	813
73	53	HOT	814
73	54	HOT	815
73	55	HOT	816
73	60	HOT	817
73	64	HOT	818
73	65	HOT	819
74	46	HOT	820
74	49	HOT	821
74	57	HOT	822
74	62	HOT	823
74	64	HOT	824
74	66	HOT	825
74	74	HOT	826
75	61	HOT	827
75	63	HOT	828
75	84	HOT	829
75	89	HOT	830
77	42	HOT	831
77	55	HOT	832
77	64	HOT	833
77	76	HOT	834
78	30	HOT	835
78	36	HOT	836

ROW	TUBE	LEG	TUBE COUNT
78	45	HOT	837
78	57	HOT	838
78	67	HOT	839
78	68	HOT	840
79	18	HOT	841
79	29	HOT	842
79	56	HOT	843
79	58	HOT	844
79	63	HOT	845
79	64	HOT	846
79	65	HOT	847
79	66	HOT	848
79	67	HOT	849
79	70	HOT	850
79	71	HOT	851
79	79	HOT	852
79	85	HOT	853
79	92	HOT	854
80	6	HOT	855
80	8	HOT	856
80	9	HOT	857
80	13	HOT	858
80	40	HOT	859
80	55	HOT	860
80	58	HOT	861
80	62	HOT	862
80	64	HOT	863
80	65	HOT	864
80	66	HOT	865
80	67	HOT	866
81	8	HOT	867
81	11	HOT	868
81	20	HOT	869
81	21	HOT	870
81	38	HOT	871
81	48	HOT	872
81	59	HOT	873
81	60	HOT	874
81	64	HOT	875
81	66	HOT	876
81	67	HOT	877
81	70	HOT	878
81	73	HOT	879
81	101	HOT	880

ROW	TUBE	LEG	TUBE COUNT
81	102	HOT	881
82	8	HOT	882
82	9	HOT	883
82	10	HOT	884
82	12	HOT	885
82	59	HOT	886
82	60	HOT	887
82	63	HOT	888
82	99	HOT	889
83	10	HOT	890
83	49	HOT	891
83	50	HOT	892
83	63	HOT	893
83	90	HOT	894
84	3	HOT	895
84	51	HOT	896
84	52	HOT	897
84	60	HOT	898
84	73	HOT	899
85	2	HOT	900
85	6	HOT	901
85	8	HOT	902
85	45	HOT	903
85	47	HOT	904
85	48	HOT	905
85	86	HOT	906
85	90	HOT	907
86	9	HOT	908
86	71	HOT	909
86	72	HOT	910
86	73	HOT	911
86	75	HOT	912
87	62	HOT	913
87	70	HOT	914
87	71	HOT	915
87	73	HOT	916
87	85	HOT	917
88	66	HOT	918
89	79	HOT	919
90	46	HOT	920
90	59	HOT	921
90	73	HOT	922
91	65	HOT	923
91	70	HOT	924

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
91	72	HOT	925
91	82	HOT	926
91	83	HOT	927
91	84	HOT	928
91	85	HOT	929
91	87	HOT	930
91	107	HOT	931
92	11	HOT	932
92	61	HOT	933
92	67	HOT	934
92	80	HOT	935
92	113	HOT	936
92	114	HOT	937
92	122	HOT	938
92	123	HOT	939
93	92	HOT	940
93	107	HOT	941
93	108	HOT	942
93	111	HOT	943
93	112	HOT	944
93	115	HOT	945
93	116	HOT	946
93	117	HOT	947
93	120	HOT	948
93	121	HOT	949
94	73	HOT	950
94	97	HOT	951
94	98	HOT	952
94	113	HOT	953
94	118	HOT	954
94	122	HOT	955
94	123	HOT	956
94	125	HOT	957
95	66	HOT	958
95	69	HOT	959
95	74	HOT	960
95	82	HOT	961
95	96	HOT	962
95	100	HOT	963
95	110	HOT	964
95	112	HOT	965
95	117	HOT	966
95	119	HOT	967
96	56	HOT	968

ROW	TUBE	LEG	TUBE COUNT
96	64	HOT	969
96	68	HOT	970
96	94	HOT	971
96	109	HOT	972
96	115	HOT	973
96	116	HOT	974
97	58	HOT	975
97	62	HOT	976
97	66	HOT	977
97	67	HOT	978
97	69	HOT	979
97	72	HOT	980
97	77	HOT	981
97	99	HOT	982
97	109	HOT	983
97	113	HOT	984
97	114	HOT	985
97	115	HOT	986
97	117	HOT	987
97	120	HOT	988
97	122	HOT	989
98	58	HOT	990
98	60	HOT	991
98	64	HOT	992
98	66	HOT	993
98	85	HOT	994
98	94	HOT	995
98	114	HOT	996
98	115	HOT	997
98	117	HOT	998
98	118	HOT	999
98	120	HOT	1000
98	122	HOT	1001
98	123	HOT	1002
98	125	HOT	1003
99	70	HOT	1004
99	72	HOT	1005
99	78	HOT	1006
99	81	HOT	1007
99	97	HOT	1008
99	109	HOT	1009
99	110	HOT	1010
99	115	HOT	1011
99	116	HOT	1012

ROW	TUBE	LEG	TUBE COUNT
99	121	HOT	1013
99	122	HOT	1014
99	123	HOT	1015
99	124	HOT	1016
100	9	HOT	1017
100	64	HOT	1018
100	65	HOT	1019
100	74	HOT	1020
100	76	HOT	1021
100	77	HOT	1022
100	78	HOT	1023
100	80	HOT	1024
100	96	HOT	1025
100	98	HOT	1026
100	106	HOT	1027
100	108	HOT	1028
100	109	HOT	1029
100	110	HOT	1030
100	114	HOT	1031
100	115	HOT	1032
100	116	HOT	1033
100	117	HOT	1034
100	121	HOT	1035
101	94	HOT	1036
101	96	HOT	1037
101	101	HOT	1038
101	109	HOT	1039
101	110	HOT	1040
101	112	HOT	1041
101	114	HOT	1042
101	115	HOT	1043
101	120	HOT	1044
101	121	HOT	1045
102	67	HOT	1046
102	70	HOT	1047
102	82	HOT	1048
102	114	HOT	1049
102	115	HOT	1050
102	120	HOT	1051
103	102	HOT	1052
103	105	HOT	1053
103	107	HOT	1054
103	108	HOT	1055
103	112	HOT	1056

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
103	113	HOT	1057
103	120	HOT	1058
104	70	HOT	1059
104	82	HOT	1060
104	101	HOT	1061
104	105	HOT	1062
105	64	HOT	1063
105	92	HOT	1064
105	94	HOT	1065
105	110	HOT	1066
105	114	HOT	1067
105	115	HOT	1068
105	116	HOT	1069
105	118	HOT	1070
105	120	HOT	1071
106	53	HOT	1072
106	70	HOT	1073
106	91	HOT	1074
106	94	HOT	1075
106	98	HOT	1076
106	101	HOT	1077
106	108	HOT	1078
106	116	HOT	1079
107	93	HOT	1080
107	103	HOT	1081
107	104	HOT	1082
107	107	HOT	1083
107	108	HOT	1084
107	109	HOT	1085
107	110	HOT	1086
107	112	HOT	1087
107	115	HOT	1088
107	116	COLD	1089
108	93	HOT	1090
108	97	HOT	1091
108	111	HOT	1092
108	112	HOT	1093
108	113	HOT	1094
109	6	HOT	1095
109	25	HOT	1096
109	68	HOT	1097
109	86	HOT	1098
109	102	HOT	1099
110	98	HOT	1100

ROW	TUBE	LEG	TUBE COUNT
110	102	HOT	1101
111	97	HOT	1102
111	98	HOT	1103
111	99	HOT	1104
111	101	HOT	1105
111	102	HOT	1106
111	113	HOT	1107
112	6	HOT	1108
112	42	HOT	1109
112	90	HOT	1110
112	95	HOT	1111
112	99	HOT	1112
112	104	HOT	1113
112	111	HOT	1114
112	112	HOT	1115
112	113	HOT	1116
113	68	HOT	1117
113	107	HOT	1118
113	111	HOT	1119
114	66	HOT	1120
114	85	HOT	1121
114	88	HOT	1122
114	90	HOT	1123
114	99	HOT	1124
114	104	HOT	1125
114	105	HOT	1126
114	106	HOT	1127
114	103	HOT	1128
114	109	HOT	1129
114	110	HOT	1130
114	111	HOT	1131
115	76	HOT	1132
115	101	HOT	1133
115	102	HOT	1134
115	104	HOT	1135
115	109	HOT	1136
115	110	HOT	1137
116	87	HOT	1138
116	88	HOT	1139
116	89	HOT	1140
116	92	HOT	1141
116	99	HOT	1142
116	101	HOT	1143
116	105	HOT	1144

ROW	TUBE	LEG	TUBE COUNT
116	106	HOT	1145
116	108	HOT	1146
116	109	HOT	1147
117	86	HOT	1148
117	96	HOT	1149
118	96	HOT	1150
119	86	HOT	1151
120	72	HOT	1152
120	73	HOT	1153
120	79	HOT	1154
120	96	HOT	1155
121	69	HOT	1156
121	71	HOT	1157
121	73	HOT	1158
121	83	HOT	1159
121	90	HOT	1160
121	96	HOT	1161
121	98	HOT	1162
121	99	HOT	1163
122	55	HOT	1164
122	71	HOT	1165
122	79	HOT	1166
122	80	HOT	1167
122	96	HOT	1168
122	98	HOT	1169
122	99	HOT	1170
122	100	HOT	1171
123	47	HOT	1172
123	80	HOT	1173
123	81	HOT	1174
123	86	HOT	1175
123	91	HOT	1176
123	92	HOT	1177
123	95	HOT	1178
123	98	HOT	1179
124	78	HOT	1180
124	89	HOT	1181
124	96	HOT	1182
124	97	HOT	1183
124	99	HOT	1184
125	95	HOT	1185
126	28	HOT	1186
126	72	HOT	1187
126	74	HOT	1188

Tubes In-Service with TEC in OTSG-A

ROW	TUBE	LEG	TUBE COUNT
126	80	HOT	1189
126	87	HOT	1190
126	92	HOT	1191
126	94	HOT	1192
127	14	HOT	1193
127	81	HOT	1194
127	92	HOT	1195
128	80	HOT	1196
128	89	HOT	1197
128	90	HOT	1198
129	34	HOT	1199
129	69	HOT	1200
129	80	HOT	1201
129	88	HOT	1202
129	90	HOT	1203
129	92	HOT	1204
130	59	HOT	1205
130	88	HOT	1206
131	19	HOT	1207
131	64	HOT	1208
131	78	HOT	1209
131	81	HOT	1210
132	17	HOT	1211
132	51	HOT	1212
132	57	HOT	1213
132	73	HOT	1214
133	17	HOT	1215
133	42	HOT	1216
133	51	HOT	1217
133	59	HOT	1218
133	61	HOT	1219
133	76	HOT	1220
134	11	HOT	1221
134	14	HOT	1222
134	59	HOT	1223
134	60	HOT	1224
134	71	HOT	1225
134	72	HOT	1226
134	73	HOT	1227
134	76	HOT	1228
134	77	HOT	1229
134	78	HOT	1230
134	80	HOT	1231
135	56	HOT	1232

ROW	TUBE	LEG	TUBE COUNT
135	60	HOT	1233
135	62	HOT	1234
135	64	HOT	1235
135	74	HOT	1236
136	12	HOT	1237
136	62	HOT	1238
136	73	HOT	1239
137	7	HOT	1240
137	11	HOT	1241
137	49	HOT	1242
137	55	HOT	1243
137	56	HOT	1244
137	58	HOT	1245
137	68	HOT	1246
137	73	HOT	1247
138	57	HOT	1248
139	9	HOT	1249
139	38	COLD	1250
139	45	HOT	1251
139	56	HOT	1252
139	57	HOT	1253
139	58	HOT	1254
139	65	HOT	1255
139	66	HOT	1256
139	70	HOT	1257
140	9	HOT	1258
140	51	HOT	1259
140	54	HOT	1260
140	56	HOT	1261
140	57	HOT	1262
140	58	HOT	1263
140	60	HOT	1264
140	65	HOT	1265
141	53	HOT	1266
141	54	HOT	1267
141	55	HOT	1268
141	56	HOT	1269
141	58	HOT	1270
142	30	HOT	1271
142	48	HOT	1272
142	50	HOT	1273
142	54	HOT	1274
143	43	HOT	1275
143	52	HOT	1276

ROW	TUBE	LEG	TUBE COUNT
143	53	HOT	1277
143	58	HOT	1278
144	37	HOT	1279
144	40	HOT	1280
144	46	HOT	1281
145	43	HOT	1282
145	45	HOT	1283
146	36	HOT	1284
146	44	HOT	1285
147	39	HOT	1286
148	9	HOT	1287

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
4	24	HOT	1
4	25	HOT	2
6	12	HOT	3
6	34	HOT	4
7	20	HOT	5
7	21	HOT	6
7	34	HOT	7
7	44	HOT	8
7	47	HOT	9
8	7	HOT	10
8	11	HOT	11
8	12	HOT	12
8	23	HOT	13
9	12	HOT	14
9	15	HOT	15
9	18	HOT	16
9	48	HOT	17
10	15	HOT	18
10	16	HOT	19
10	19	COLD	20
10	34	HOT	21
10	49	HOT	22
10	52	HOT	23
11	11	HOT	24
11	12	HOT	25
11	20	HOT	26
		COLD	26
11	21	HOT	27
11	23	HOT	28
11	51	HOT	29
12	16	HOT	30
12	29	HOT	31
12	36	HOT	32
12	55	HOT	33
13	14	HOT	34
13	19	HOT	35
13	20	HOT	36
13	56	HOT	37
14	19	HOT	38
14	20	HOT	39
14	21	HOT	40
14	30	HOT	41
14	66	HOT	42
15	8	HOT	43

ROW	TUBE	LEG	TUBE COUNT
15	10	HOT	44
15	13	HOT	45
15	16	HOT	46
15	19	HOT	47
15	21	HOT	48
15	35	HOT	49
15	45	HOT	50
15	58	HOT	51
16	11	HOT	52
16	24	HOT	53
16	25	HOT	54
17	10	HOT	55
17	13	HOT	56
17	15	HOT	57
17	22	HOT	58
17	25	HOT	59
17	26	HOT	60
17	76	HOT	61
18	12	HOT	62
18	14	HOT	63
18	16	HOT	64
19	6	COLD	65
19	12	HOT	66
19	18	HOT	67
19	47	HOT	68
19	60	HOT	69
20	31	HOT	70
20	34	HOT	71
20	55	HOT	72
21	20	HOT	73
21	27	HOT	74
21	50	HOT	75
22	12	HOT	76
22	16	HOT	77
22	47	HOT	78
22	64	HOT	79
22	79	COLD	80
23	16	HOT	81
23	21	HOT	82
23	23	HOT	83
24	19	HOT	84
24	33	HOT	85
24	84	HOT	86
25	5	COLD	87

ROW	TUBE	LEG	TUBE COUNT
		HOT	87
25	11	HOT	88
25	24	HOT	89
25	28	HOT	90
25	29	HOT	91
25	58	HOT	92
25	66	HOT	93
26	93	HOT	94
26	94	HOT	95
27	6	HOT	96
27	9	HOT	97
27	10	HOT	98
27	19	HOT	99
27	39	HOT	100
27	85	HOT	101
27	95	HOT	102
27	96	HOT	103
28	4	HOT	104
28	6	HOT	105
28	7	HOT	106
28	28	HOT	107
28	30	HOT	108
28	66	HOT	109
28	83	HOT	110
28	92	HOT	111
28	95	HOT	112
28	97	HOT	113
29	7	COLD	114
		HOT	114
29	94	HOT	115
29	96	HOT	116
29	97	HOT	117
30	8	HOT	118
		COLD	118
30	9	COLD	119
		HOT	119
30	12	HOT	120
		COLD	120
30	22	HOT	121
30	38	HOT	122
30	97	HOT	123
31	8	HOT	124
31	9	COLD	125
		HOT	125

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
31	18	HOT	126
31	29	HOT	127
31	88	HOT	128
31	97	HOT	129
31	99	HOT	130
32	9	HOT	131
32	12	HOT	132
32	13	HOT	133
32	14	COLD	134
32	38	HOT	135
32	53	HOT	136
32	102	HOT	137
33	5	HOT	138
33	9	HOT	139
33	13	HOT	140
33	15	HOT	141
33	23	HOT	142
33	26	HOT	143
34	23	HOT	144
34	27	HOT	145
34	28	HOT	146
34	39	HOT	147
34	56	HOT	148
35	6	HOT	149
35	11	HOT	150
35	61	HOT	151
35	104	HOT	152
		COLD	152
35	106	COLD	153
36	102	COLD	154
36	104	HOT	155
36	105	HOT	156
36	107	HOT	157
36	109	COLD	158
37	7	HOT	159
37	12	HOT	160
37	13	HOT	161
37	103	HOT	162
37	109	COLD	163
37	110	COLD	164
38	13	HOT	165
38	32	HOT	166
38	104	COLD	167
		HOT	167

ROW	TUBE	LEG	TUBE COUNT
38	107	COLD	168
38	110	COLD	169
38	111	HOT	170
39	11	HOT	171
39	27	HOT	172
39	31	HOT	173
39	70	HOT	174
39	86	HOT	175
39	103	COLD	176
40	15	HOT	177
41	38	HOT	178
41	46	HOT	179
41	102	HOT	180
41	110	HOT	181
41	111	COLD	182
41	113	COLD	183
42	13	HOT	184
42	31	HOT	185
42	54	HOT	186
42	63	HOT	187
42	105	HOT	188
42	107	HOT	189
42	111	COLD	190
		HOT	190
43	14	HOT	191
43	28	HOT	192
43	47	HOT	193
43	107	HOT	194
43	103	HOT	195
43	110	COLD	196
43	111	COLD	197
44	7	HOT	198
44	10	HOT	199
44	12	HOT	200
44	14	HOT	201
44	29	HOT	202
44	32	HOT	203
44	109	COLD	204
45	8	HOT	205
45	15	HOT	206
45	29	HOT	207
45	32	HOT	208
45	85	HOT	209
46	6	HOT	210

ROW	TUBE	LEG	TUBE COUNT
46	14	HOT	211
46	15	HOT	212
46	16	HOT	213
46	103	COLD	214
47	14	HOT	215
47	25	HOT	216
47	33	HOT	217
47	45	HOT	218
48	14	HOT	219
48	31	HOT	220
48	34	HOT	221
48	50	HOT	222
48	62	HOT	223
49	9	COLD	224
49	16	HOT	225
49	17	HOT	226
49	23	HOT	227
49	58	HOT	228
49	59	HOT	229
49	62	HOT	230
50	6	HOT	231
50	113	HOT	232
50	115	HOT	233
		COLD	233
50	120	COLD	234
50	122	COLD	235
51	112	HOT	236
51	114	COLD	237
51	116	HOT	238
51	117	HOT	239
		COLD	239
51	119	HOT	240
51	120	HOT	241
51	121	COLD	242
51	122	COLD	243
52	7	HOT	244
52	13	HOT	245
52	30	HOT	246
52	53	HOT	247
52	110	COLD	248
52	111	HOT	249
52	114	COLD	250
52	116	HOT	251
52	119	COLD	252

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
52	120	COLD	253
53	5	HOT	254
53	119	HOT	255
53	120	HOT	256
54	6	HOT	257
54	16	HOT	258
54	108	HOT	259
54	114	COLD	260
54	115	COLD	261
54	123	COLD	262
55	4	HOT	263
55	25	HOT	264
55	47	HOT	265
55	115	COLD	266
55	121	COLD	267
55	122	COLD	268
55	123	HOT	269
		COLD	269
56	5	COLD	270
		HOT	270
56	6	HOT	271
56	17	HOT	272
56	26	HOT	273
56	38	HOT	274
56	53	HOT	275
56	55	HOT	276
56	118	HOT	277
56	121	COLD	278
57	5	HOT	279
57	13	HOT	280
57	16	HOT	281
57	71	HOT	282
57	122	HOT	283
		COLD	283
57	125	HOT	284
58	17	HOT	285
58	114	HOT	286
58	117	HOT	287
58	119	HOT	288
		COLD	288
58	120	HOT	289
59	15	HOT	290
59	38	HOT	291
59	113	COLD	292

ROW	TUBE	LEG	TUBE COUNT
59	117	HOT	293
59	121	HOT	294
59	122	COLD	295
60	26	HOT	296
60	48	HOT	297
60	116	HOT	298
60	122	COLD	299
60	126	HOT	300
60	127	HOT	301
		COLD	301
61	7	HOT	302
61	119	HOT	303
61	121	HOT	304
61	123	HOT	305
62	123	HOT	306
63	26	HOT	307
63	33	HOT	308
63	121	HOT	309
63	125	HOT	310
64	27	HOT	311
65	69	HOT	312
65	121	HOT	313
66	4	COLD	314
66	9	HOT	315
66	10	HOT	316
66	16	HOT	317
66	50	HOT	318
66	120	HOT	319
67	52	HOT	320
68	26	HOT	321
69	10	HOT	322
69	22	HOT	323
69	54	HOT	324
69	107	HOT	325
70	50	HOT	326
71	4	COLD	327
71	42	HOT	328
71	43	HOT	329
71	51	HOT	330
72	39	HOT	331
72	105	HOT	332
72	122	HOT	333
73	104	HOT	334
74	40	HOT	335

ROW	TUBE	LEG	TUBE COUNT
75	53	HOT	336
75	57	HOT	337
75	61	HOT	338
77	84	HOT	339
78	34	HOT	340
78	50	HOT	341
78	57	HOT	342
79	67	HOT	343
81	85	HOT	344
82	8	COLD	345
82	50	HOT	346
83	10	HOT	347
83	126	HOT	348
84	9	HOT	349
84	54	HOT	350
84	59	HOT	351
85	9	COLD	352
85	41	HOT	353
85	53	HOT	354
85	58	HOT	355
85	86	HOT	356
86	8	HOT	357
86	13	HOT	358
86	55	HOT	359
86	60	HOT	360
87	7	COLD	361
		HOT	361
87	107	HOT	362
88	9	HOT	363
88	49	HOT	364
89	7	HOT	365
89	8	HOT	366
89	9	HOT	367
89	21	HOT	368
89	41	HOT	369
90	7	HOT	370
90	8	COLD	371
		HOT	371
90	11	COLD	372
90	13	HOT	373
90	20	HOT	374
91	4	HOT	375
91	74	HOT	376
92	7	HOT	377

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
92	8	HOT	378
92	21	HOT	379
92	24	HOT	380
92	126	HOT	381
93	6	HOT	382
93	7	COLD	383
		HOT	383
93	20	HOT	384
93	30	HOT	385
94	21	HOT	386
94	29	HOT	387
97	7	HOT	388
97	8	HOT	389
97	122	COLD	390
98	6	HOT	391
98	7	HOT	392
98	48	HOT	393
98	124	COLD	394
99	2	COLD	395
99	5	HOT	396
99	6	COLD	397
		HOT	397
99	20	HOT	398
99	123	COLD	399
99	124	COLD	400
100	5	HOT	401
100	12	HOT	402
100	31	HOT	403
101	4	COLD	404
101	9	HOT	405
102	5	COLD	406
102	6	COLD	407
102	106	HOT	408
103	3	HOT	409
103	4	COLD	410
103	5	COLD	411
103	31	HOT	412
104	5	HOT	413
104	18	HOT	414
104	32	HOT	415
105	3	COLD	416
105	4	COLD	417
		HOT	417
106	4	COLD	418

ROW	TUBE	LEG	TUBE COUNT
106	9	HOT	419
106	10	HOT	420
106	62	HOT	421
107	2	COLD	422
107	3	COLD	423
107	10	HOT	424
107	104	COLD	425
108	10	HOT	426
109	1	COLD	427
109	8	HOT	428
109	13	HOT	429
110	2	COLD	430
110	34	HOT	431
111	12	HOT	432
		COLD	432
111	18	HOT	433
111	64	HOT	434
112	1	COLD	435
112	2	COLD	436
112	13	HOT	437
113	31	HOT	438
113	90	COLD	439
114	12	HOT	440
114	17	HOT	441
114	92	HOT	442
114	101	HOT	443
115	7	HOT	444
115	8	HOT	445
115	12	HOT	446
115	27	HOT	447
115	32	HOT	448
115	40	HOT	449
115	43	HOT	450
116	9	COLD	451
116	27	HOT	452
116	82	HOT	453
116	88	COLD	454
116	92	HOT	455
117	18	HOT	456
117	25	HOT	457
117	26	HOT	458
117	73	HOT	459
117	77	HOT	460
117	85	COLD	461

ROW	TUBE	LEG	TUBE COUNT
117	87	HOT	462
117	88	HOT	463
117	89	HOT	464
117	101	HOT	465
117	102	HOT	466
117	103	HOT	467
118	17	HOT	468
119	26	HOT	469
119	40	HOT	470
119	87	HOT	471
119	88	HOT	472
120	8	HOT	473
120	13	COLD	474
120	26	HOT	475
120	30	HOT	476
120	36	HOT	477
120	65	HOT	478
120	88	COLD	479
120	89	HOT	480
120	100	HOT	481
121	18	HOT	482
121	23	HOT	483
121	25	HOT	484
121	26	HOT	485
121	31	HOT	486
121	38	HOT	487
121	87	HOT	488
121	89	HOT	489
122	5	HOT	490
122	12	HOT	491
122	17	HOT	492
122	26	HOT	493
122	29	HOT	494
122	32	HOT	495
122	36	HOT	496
122	38	HOT	497
122	57	HOT	498
122	61	HOT	499
122	76	HOT	500
122	87	HOT	501
122	88	HOT	502
122	89	HOT	503
123	6	COLD	504
123	10	HOT	505

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
123	11	HOT	506
123	17	HOT	507
123	18	HOT	508
123	22	HOT	509
123	28	HOT	510
123	30	HOT	511
123	37	HOT	512
123	74	HOT	513
123	101	HOT	514
124	16	HOT	515
124	26	HOT	516
124	29	HOT	517
124	98	HOT	518
125	4	COLD	519
125	11	HOT	520
125	19	HOT	521
125	23	HOT	522
125	29	HOT	523
125	39	HOT	524
125	69	HOT	525
125	73	HOT	526
125	82	HOT	527
125	83	HOT	528
125	95	HOT	529
126	4	HOT	530
126	10	HOT	531
126	25	HOT	532
126	26	HOT	533
126	29	HOT	534
126	30	HOT	535
126	31	HOT	536
126	33	HOT	537
126	54	HOT	538
126	62	HOT	539
126	63	HOT	540
126	70	HOT	541
126	71	HOT	542
126	72	HOT	543
126	74	HOT	544
126	79	HOT	545
126	83	HOT	546
126	96	HOT	547
126	97	HOT	548
127	9	HOT	549

ROW	TUBE	LEG	TUBE COUNT
127	10	HOT	550
127	15	HOT	551
127	19	HOT	552
127	20	HOT	553
127	21	HOT	554
127	24	HOT	555
127	25	HOT	556
127	34	HOT	557
127	37	HOT	558
127	42	HOT	559
127	62	HOT	560
127	63	HOT	561
127	65	HOT	562
127	75	HOT	563
127	80	HOT	564
127	83	HOT	565
127	85	HOT	566
127	89	HOT	567
127	95	HOT	568
128	6	HOT	569
128	8	HOT	570
128	9	HOT	571
128	10	HOT	572
128	12	HOT	573
128	17	HOT	574
128	18	HOT	575
128	19	HOT	576
128	23	HOT	577
128	24	HOT	578
128	28	HOT	579
128	37	HOT	580
128	69	HOT	581
128	78	HOT	582
128	81	HOT	583
128	84	HOT	584
129	3	HOT	585
129	10	HOT	586
129	12	COLD	587
		HOT	587
129	20	COLD	588
129	23	HOT	589
129	27	HOT	590
129	29	HOT	591
129	35	HOT	592

ROW	TUBE	LEG	TUBE COUNT
129	45	HOT	593
129	68	HOT	594
129	70	HOT	595
129	76	HOT	596
129	77	HOT	597
129	79	HOT	598
129	80	HOT	599
130	5	HOT	600
130	8	HOT	601
130	9	HOT	602
130	10	HOT	603
130	19	HOT	604
		COLD	604
130	20	HOT	605
130	22	HOT	606
130	23	HOT	607
130	27	HOT	608
130	28	HOT	609
130	31	HOT	610
130	36	HOT	611
130	40	HOT	612
130	46	HOT	613
130	74	HOT	614
130	78	HOT	615
130	79	HOT	616
131	4	HOT	617
131	7	HOT	618
131	11	HOT	619
131	14	HOT	620
131	16	HOT	621
131	17	HOT	622
131	18	HOT	623
		COLD	623
131	20	HOT	624
131	21	HOT	625
131	22	HOT	626
131	23	HOT	627
131	25	HOT	628
131	30	HOT	629
131	35	HOT	630
131	45	HOT	631
131	58	HOT	632
131	63	HOT	633
131	68	HOT	634

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
131	74	HOT	635
131	76	HOT	636
131	77	HOT	637
131	78	HOT	638
131	84	HOT	639
132	8	HOT	640
132	9	HOT	641
132	13	HOT	642
132	14	HOT	643
132	23	HOT	644
132	26	HOT	645
132	28	HOT	646
132	29	HOT	647
132	30	HOT	648
132	33	HOT	649
132	46	HOT	650
132	55	HOT	651
132	61	HOT	652
132	71	HOT	653
132	73	COLD	654
		HOT	654
133	5	HOT	655
133	8	HOT	656
133	9	HOT	657
133	12	HOT	658
133	13	COLD	659
		HOT	659
133	14	HOT	660
133	15	HOT	661
133	16	HOT	662
		COLD	662
133	20	HOT	663
133	29	HOT	664
133	44	HOT	665
133	47	HOT	666
133	66	HOT	667
133	72	HOT	668
133	74	HOT	669
133	75	COLD	670
		HOT	670
133	76	HOT	671
134	7	HOT	672
134	8	HOT	673
134	15	COLD	674

ROW	TUBE	LEG	TUBE COUNT
134	16	COLD	675
		HOT	675
134	18	HOT	676
134	20	HOT	677
134	22	COLD	678
		HOT	678
134	25	HOT	679
134	28	HOT	680
134	32	HOT	681
134	40	HOT	682
134	53	HOT	683
134	65	HOT	684
134	72	HOT	685
134	73	HOT	686
134	74	HOT	687
135	4	COLD	688
135	5	HOT	689
135	12	HOT	690
135	13	HOT	691
135	14	HOT	692
135	15	HOT	693
135	16	HOT	694
135	23	HOT	695
135	26	HOT	696
135	27	HOT	697
135	33	HOT	698
135	53	HOT	699
135	59	HOT	700
135	69	HOT	701
135	70	HOT	702
135	72	HOT	703
136	4	COLD	704
136	7	HOT	705
136	8	HOT	706
136	11	COLD	707
136	14	HOT	708
136	19	HOT	709
136	21	HOT	710
136	27	COLD	711
		HOT	711
136	40	HOT	712
136	41	HOT	713
136	46	HOT	714
136	56	HOT	715

ROW	TUBE	LEG	TUBE COUNT
136	61	HOT	716
136	65	HOT	717
136	70	HOT	718
136	71	HOT	719
136	72	HOT	720
136	74	HOT	721
136	75	HOT	722
137	5	HOT	723
137	8	HOT	724
137	9	HOT	725
137	10	HOT	726
137	11	HOT	727
137	14	HOT	728
137	17	COLD	729
		HOT	729
137	18	COLD	730
137	19	COLD	731
137	24	HOT	732
137	25	HOT	733
137	28	HOT	734
137	29	COLD	735
		HOT	735
137	39	HOT	736
137	40	HOT	737
137	66	HOT	738
137	67	HOT	739
137	68	HOT	740
137	69	HOT	741
137	70	HOT	742
138	6	HOT	743
138	9	COLD	744
		HOT	744
138	10	COLD	745
138	11	COLD	746
138	13	COLD	747
		HOT	747
138	14	COLD	748
		HOT	748
138	16	COLD	749
138	17	COLD	750
		HOT	750
138	21	HOT	751
138	23	HOT	752
138	25	HOT	753

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
138	30	HOT	754
138	31	HOT	755
138	37	HOT	756
138	38	HOT	757
138	63	HOT	758
138	69	HOT	759
138	70	HOT	760
139	7	HOT	761
139	10	HOT	762
139	12	HOT	763
		COLD	763
139	13	HOT	764
139	14	HOT	765
139	16	COLD	766
		HOT	766
139	17	COLD	767
139	18	HOT	768
139	20	COLD	769
139	22	HOT	770
139	26	HOT	771
139	27	HOT	772
139	30	HOT	773
139	37	HOT	774
139	41	HOT	775
139	43	HOT	776
139	46	HOT	777
139	48	HOT	778
139	50	HOT	779
139	64	HOT	780
139	69	HOT	781
140	5	COLD	782
140	7	HOT	783
140	9	COLD	784
		HOT	784
140	10	HOT	785
140	11	HOT	786
140	12	HOT	787
140	15	COLD	788
140	16	HOT	789
140	18	HOT	790
140	19	HOT	791
140	20	HOT	792
		COLD	792
140	22	HOT	793

ROW	TUBE	LEG	TUBE COUNT
140	23	HOT	794
140	24	HOT	795
140	33	HOT	796
140	36	HOT	797
140	47	HOT	798
140	48	HOT	799
140	52	HOT	800
140	56	HOT	801
140	60	HOT	802
140	63	HOT	803
141	5	COLD	804
141	7	COLD	805
		HOT	805
141	9	HOT	806
		COLD	806
141	10	COLD	807
141	14	COLD	808
		HOT	808
141	15	COLD	809
141	17	HOT	810
141	18	COLD	811
		HOT	811
141	19	HOT	812
		COLD	812
141	27	HOT	813
141	33	HOT	814
141	34	HOT	815
141	35	HOT	816
141	36	HOT	817
141	40	HOT	818
141	49	HOT	819
142	12	COLD	820
142	16	HOT	821
142	17	HOT	822
		COLD	822
142	18	COLD	823
142	21	HOT	824
142	26	HOT	825
142	27	HOT	826
142	32	HOT	827
142	33	HOT	828
142	34	HOT	829
142	45	HOT	830
142	47	HOT	831

ROW	TUBE	LEG	TUBE COUNT
142	48	HOT	832
142	49	HOT	833
143	7	COLD	834
143	11	COLD	835
		HOT	835
143	12	HOT	836
143	13	HOT	837
143	14	HOT	838
143	15	HOT	839
143	16	HOT	840
143	18	HOT	841
143	20	HOT	842
143	21	COLD	843
		HOT	843
143	24	HOT	844
143	25	HOT	845
143	28	HOT	846
143	30	HOT	847
143	32	HOT	848
143	41	HOT	849
143	42	HOT	850
143	44	HOT	851
143	46	HOT	852
143	47	HOT	853
144	11	HOT	854
144	12	HOT	855
144	13	HOT	856
144	14	HOT	857
144	15	HOT	858
144	18	HOT	859
144	22	HOT	860
144	23	HOT	861
144	26	HOT	862
144	27	HOT	863
144	42	HOT	864
144	43	HOT	865
144	54	HOT	866
145	3	COLD	867
145	5	HOT	868
145	8	COLD	869
145	10	HOT	870
145	12	COLD	871
145	17	HOT	872
145	19	HOT	873

Tubes In-Service with TEC in OTSG-B

ROW	TUBE	LEG	TUBE COUNT
145	21	HOT	374
145	25	HOT	375
145	26	HOT	376
145	28	HOT	377
145	38	HOT	378
145	43	HOT	379
146	9	COLD	380
146	11	HOT	381
146	12	HOT	382
146	14	HOT	383
146	18	HOT	384
146	23	HOT	385
146	26	HOT	386
146	29	HOT	387
146	30	HOT	388
147	6	HOT	389
147	10	COLD	390
147	13	HOT	391
147	16	HOT	392
147	21	HOT	393
147	23	HOT	394
147	28	HOT	395
147	33	HOT	396
147	35	HOT	397
148	15	HOT	398
148	17	HOT	399
148	25	HOT	900
148	27	HOT	901
149	6	COLD	902
150	1	COLD	903

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

**APPENDIX 6
SPECIAL REPORT 06-01**

“B” OTSG First Span IGA

