Exelon Generation Company, LLC
Braidwood Station
35100 South Rt 53, Suite 84
Braceville, IL 60407-9619
Tel. 815-417-2000

www.exeloncorp.com

Exelon Nuclear

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

Braidwood Station, Unit 2
Facility Operating License No. NPF 77
NRC Docket No. STN 50-457

Subject: Braidwood Station, Unit 2, Twelfth Refueling Outage Steam Generator Inservice Inspection Summary Report

In accordance with Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Reports," item b, Exelon Generation Company, LLC is reporting the results of the SG inspections, which were completed during the Braidwood Station, Unit 2, twelfth refueling outage (A2R12). The attached report is also being submitted in accordance with the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, 1989 Edition, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," Article IWA-6000, "Records and Reports," and Article IV-7000, "Report of Examination," of Mandatory Appendix IV, "Eddy Current Examination of Non-Ferromagnetic Steam Generator Heat Exchanger Tubing."

If there are any questions regarding this submittal, please contact Mr. Dale Ambler, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,

Thomas Coutu
Site Vice President
Braidwood Station

Attachment: Braidwood Station, Unit 2, Steam Generator Eddy Current Inspection Report Twelfth Refueling Outage (A2R12), October 2006

Exelon Nuclear
BRAIDWOOD STATION, UNIT 2
35100 South Rte. 53, Suite 84
Braceville, IL 60407

COMMERCIAL OPERATION: October 17, 1988

STEAM GENERATOR EDDY CURRENT INSPECTION REPORT

TWELFTH REFUELING OUTAGE (A2R12)

October 2006

Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

Document Completion Date: January 22, 2007

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1.0 INTRODUCTION

Braidwood Station, Unit 2, operates with four Westinghouse Model D-5 recirculating steam generators (SGs) in the four loop pressurized water reactor system. Each SG contains 4,570 thermally treated Inconel-600 U-tubes that have a nominal outside diameter of 0.750 inches and a nominal thickness of 0.043 inches. The tubes are hydraulically expanded into the full depth of the tubesheet. The tubes are supported by stainless steel quatrefoil support plates (TSP's) and chrome plated Inconel-600 anti-vibration bars (AVB's). See Figure A.1 for a diagram of the D-5 Steam Generator tube support plate configuration.

In compliance with Braidwood Station Technical Specification (TS) 5.5.9, "Steam Generator Tube Surveillance Program," and American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Section XI 1989 Edition, IWB 2500-1, Examination Category B-Q, Item B16.20, SG eddy current examinations were performed during the Braidwood Station, Unit 2, twelfth refueling outage (A2R12). In addition, the inspections were performed consistent with the Electric Power Research Institute (EPRI) "PWR Steam Generator Examination Guidelines: Revision 6" and Nuclear Energy Institute NEI 97-06, "Steam Generator Program Guidelines: Revision 2." Westinghouse Electric Co. Ltd conducted the inspections from October 18, 2006 through October 25, 2006. The following inspections were performed during this outage.

- 100% full-length bobbin coil in all four SGs
- 20% hot leg top of tubesheet (+/- 3") +Point™ in all four SGs
- 20% hot leg tubing within the tubesheet from the top of tubesheet down to a depth of 17 inches, +Point™ in all four SGs
- 20% hot leg bulges ≥ 18 volts and over expansions ≥ 1.5 mils within the hot leg tubesheet from the top of tubesheet down to a depth of 17 inches, +Point™ in all four SGs
- 100% hot leg top of tubesheet (+3" to- 17") +Point™ of tubes in-service tubes identified as having increased residual stress
- 20% preheater baffle expansion +Point™ in one SG
- 25% hot leg dents/dings >3.0 volts +Point™ in all four SGs
- 25% row 1 and 2 U-bends +Point™ in all four SGs
- Inspection of one deplugged tube hot leg Plug Expansion Zone (PEZ) +Point™
- 100% review of the bobbin eddy current data through the hot leg and cold leg tubesheet region to identify any unexpanded tubes in all four SGs
- Visual inspection of 100% of the previously installed mechanical plugs and welded tube plugs in all four SGs
- 100% Visual inspection of newly installed tube plugs in all four SGs

Note: Prior to completion of the steam generator inspection, on October 24, 2006, the NRC approved Braidwood Technical Specification Amendment 141. This amendment allowed that during Braidwood Station, Unit 2, refueling outage twelve (i.e., A2R12), and the subsequent operating cycle, the hot leg tubesheet inspection scope could be limited to the region 17 inches below the top of tubesheet. A minimum 20% of the tubing was inspected through this region during A2R12. This sample included a minimum 20%

sample of the bulges ≥ 18 volts and over expansions ≥ 1.5 mils in this region. No degradation was found during this inspection.

2.0 SUMMARY

The requirements of Revision 6 of the EPRI PWR Steam Generator Examination Guidelines (i.e., EPRI Guidelines) along with Interim Guidance as provided by EPRI, were implemented during this inspection. A degradation assessment was performed prior to the inspection to ensure the proper EPRI Appendix H, "Performance Demonstration for Eddy Current Examination," qualified inspection techniques were used to detect any existing and potential modes of degradation. Each technique was evaluated to ensure that the detection and sizing capabilities are applicable to the Braidwood Station, Unit 2, site specific condition in accordance with the EPRI Guidelines. All data analysts were qualified to Appendix G, "Qualification of Nondestructive Examination Personnel for Analysis of NDE Data," of the EPRI Guidelines (i.e., Qualified Data Analyst (QDA)). All data analyst and acquisition personnel satisfactorily completed site specific training and testing prior to beginning examinations. An independent QDA process control review was employed to randomly sample the data to ensure that the analysis resolution process was properly performed and that the field calls were properly reported. An analysis feedback process was implemented that required the data analysts to review their missed calls and overcalls on a daily basis.

The modes of tube degradation found during the Braidwood Station, Unit 2, A2R12 were anti-vibration bar wear, foreign object wear and preheater wear at the support plate intersections.

In accordance with Technical Specification 5.5.9.c, "Inspection Results Classification," the inspection results were classified as category C-1 for SG D and category C-2 for SGs A, B and C. There were no scanning limitations during the eddy current examinations.

As a result of the A2R12 eddy current inspections, a total of fourteen (14) tubes were removed from service by mechanical tube plugging. Four tubes also received stabilizers in the area of degradation prior to tube plugging. Table 2.1 and Table 2.2 provide the total tube plugging history / equivalent plugging levels to-date and the total number of tubes plugged in A2R12 by degradation mode.

Table 2.1
Equivalent Tube Plugging Level

	SG A	SG B	SG C	SG D	Total
Tubes Previously Plugged	57	48	56	25	186
Tubes Plugged in A2R12	9	1	4	0	14
Total Tubes Plugged	66	49	60	25	200
Total Tubes Plugged (%)	1.44%	1.07%	1.31%	0.55%	1.09%

Table 2.2
Tubes Repaired During A2R12

	SG A	SG B	SG C	SG D	Total
Foreign Object Wear	1	0	1	0	2
Anti-Vibration Bar Wear	8	0	2	0	10
Preheater Support Wear	0	1	1	0	2
A2R12 Plugging Totals	9	1	4	0	14

3.0 CERTIFICATIONS

3.1 Procedures/Examinations/Equipment

3.1.1 The examination and evaluation procedures used during the SG eddy current inspection were approved by personnel qualified to Level III in accordance with the 1984 Edition of SNT-TC-1A, "Personnel Qualification and Certification in Nondestructive Testing." Exelon Generation Company, LLC (i.e., Exelon) Procedure ER-AP-335-039, "Multifrequency Eddy Current Data Acquisition of Steam Generator Tubing," Revision 3 and Exelon Procedure ER-AP-335-040, "Evaluation of Eddy Current Data for Steam Generator Tubing," Revision 2, were used for data acquisition and analysis.

3.1.2 The examinations, equipment and personnel were in compliance with the requirements of Exelon and Westinghouse Quality Assurance Programs for Inservice Inspection; Braidwood Station Technical Specification 5.5.9; 1989 Edition of ASME Boiler and Pressure Vessel Code Sections XI, "Rules for Inservice Inspection of Nuclear power Plant Components," and V, "Nondestructive Examination;" EPRI PWR SG Examination Guidelines Revision 6; and NEI 97-06, "Steam Generator Program Guidelines," Revision 2.

3.1.3 Certification packages for examiners, data analysts and equipment are available at Braidwood Station. Tables A.1 and A.2 of Attachment A lists all personnel who performed, supervised, or evaluated the data during this SG inservice inspection.

3.1.4 R/D Tech Incorporated TC6700 Remote Data Acquisition Units (RDAUs) with Westinghouse ANSER computer software were used to acquire the eddy current data. Analysis was performed with Westinghouse ANSER 8.4.3 Revision 230 computer software.

3.1.5 The bobbin coil examinations of the SGs were performed with either Zetec, Westinghouse or Corestar 0.610 inch diameter probes. For low row U-Bend tubing, either a Zetec or Corestar 0.590 inch diameter probe was utilized to achieve the complete full tube examination in tubes where there was difficulty using the 0.610 inch diameter probe.

3.1.6 The rotating coil examinations were performed with Zetec 0.610 inch diameter three coil +Point™ in all areas except the U-Bend region where Zetec 0.580 inch diameter single coil +Point™ probes were used.

3.2 Personnel

3.2.1 The personnel who performed the SG eddy current inspections were qualified to Level I and Level II certification in accordance with the 1984 Edition of SNT-TC-1A. The Level I personnel performed the inspections under the direct supervision of Level II or Level III personnel. A list of the certified eddy current personnel who performed data acquisition for the examination is contained in Table A.1 of Attachment A.

3.2.2 The personnel who performed the SG eddy current data analysis were qualified to a minimum of Level II, with special analysis training (i.e., Level IIA) in accordance with the 1984 Edition of SNT-TC-1A and Article IV-2000 of ASME Section XI, 1989 Edition. A list of the certified eddy current personnel who performed data analysis for the examination is contained in Table A.2 of Attachment A.

3.2.3 All eddy current data analysts were qualified in accordance with EPRI Appendix G for Qualified Data Analysts (QDAs). In addition, all data analysts were trained and tested in accordance with a site specific performance demonstration program in both the bobbin coil and +Point™ inspection data analysis. Resolution analysts were also trained and tested specifically for the performance of data resolution. All analysts were required to achieve a minimum score of 80% Probability of Detection (POD) with a 90% confidence level on the practical examination, and a minimum score of 80% on the written examination prior to analyzing data.

3.2.4 All SG eddy current data acquisition personnel were trained and tested in accordance with a site specific performance demonstration program. The data acquisition operators were required to achieve a written test score of 80% or greater prior to acquiring data.

3.2.5 The SG eddy current analysis was subject to two independent analyses. Primary analysis of all data was performed by Westinghouse and sub-contractors. Secondary analysis was performed by various sub-contractor companies, different than those used on primary analysis. Discrepancies between the two parties required Level III concurrence between both parties for the final resolution.

3.2.6 Two independent SG eddy current Level III QDA's were employed to serve as process control reviewers, in accordance with EPRI Guidelines, to randomly sample the data to ensure the resolution process was properly performed and that the field calls were properly reported. The Independent Level III QDA's also provided data acquisition oversight to ensure that the data collection process was in compliance with appropriate procedures, that all essential variables were set in

accordance with the applicable Examination Technique Specification Sheet (ETSS) and to provide a data quality check of acquired data. The Independent Level III QDA's reported directly to the Exelon Level III inspector.

4.0 EXAMINATION TECHNIQUES AND EXAMINATION SCOPE

All SG eddy current examination techniques used were qualified in accordance with Appendix H of the EPRI PWR SG Examination Guidelines. Each examination technique was evaluated to be applicable to the tubing and conditions of the Braidwood Station, Unit 2, SGs.

4.1 Examination Techniques

4.1.1 The bobbin coil examinations were performed with a 0.610 inch diameter bobbin coil eddy current probe as described in Section 3.1.5. For low row U-Bend regions where there was difficulty using the 0.610 inch diameter probe, a 0.590 inch diameter probe was utilized to achieve the complete full tube inspection. Nominal probe inspection speed was 40 inches per second for rows 5 through 49 and 24 to 40 inches per second for rows 1 through 4 depending on tube conditions. Sufficient sampling rates were used to maintain a minimum of 30 samples per inch. The bobbin coil probes were operated at frequencies of 550 kHz, 300 kHz, 130 kHz, and 20 kHz operating in the differential and absolute test modes. In addition, suppression mixes were used to enhance the inspection. These mixes were as follows: 550/130 kHz differential mix, a 550/300/130 kHz differential mix, and a 300/130 kHz absolute mix.

4.1.2 The +Point™ examinations at the top of tubesheet, 17 inch depth from the top of tubesheet, preheater baffle plate expansion transition regions, dents/dings and special interest locations were performed with a 0.610 inch diameter three coil +Point™ eddy current probe as described in Section 3.1.6. Nominal probe speed was 0.6 inches per second and 0.15 inches per second for the examination of dent and dings. A sampling rate was used to maintain a minimum of 30 samples per inch in the circumferential direction and 25 samples per inch in the axial direction. The rotating probes were operated at frequencies of 300 kHz, 200 kHz, 100 kHz and 20 kHz. In addition to the four base frequencies, three process channels were used to display circumferential indications in the positive trace.

4.1.3 The +Point™ examinations within the U-Bend regions were performed with a 0.580 inch diameter +Point™ eddy current probe as described in Section 3.1.6. Nominal probe speed was 0.4 inches per second. A sampling rate was used to maintain a minimum of 30 samples per inch in the circumferential direction and 30 samples per inch in the axial direction. The rotating probes were operated at frequencies of 400 kHz, 300 kHz, 150 kHz and 20 kHz. In addition to the four base frequencies, three process channels were used to display circumferential indications in the positive trace.

4.1.4 Non-quantifiable indications identified by an "I-Code" were performed with a 0.610 inch diameter three coil +Point™ eddy current probe as described in Section 3.1.6. The nominal probe speed was 0.6 inches per second with a sampling rate to maintain a minimum of 30 samples per inch in the circumferential direction and 25 samples per inch in the axial direction. The probe was operated at frequencies of 300 kHz, 200 kHz, 100 kHz and 20 kHz. In addition to the four base frequencies, three process channels were used to display circumferential indications in the positive trace.

4.1.5 The eddy current calibration standards used for the bobbin coil and +Point™ inspections met the requirements of the EPRI PWR Steam Generator Examination Guidelines, Revision 6 and Section V and XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition.

4.1.6 The SG eddy current examination techniques used during this inspection were equivalent to the EPRI Appendix H techniques listed in Table 4.1 below. Each Examination Technique Specification Sheet (ETSS) was evaluated and determined to be applicable to the site conditions.

TABLE 4.1
EPRI APPENDIX H TECHNIQUES

EPRI Technique ETSS	Probe	Description
96004.3 Rev. 9	Bobbin	AVB / Pre-Heater / TSP / Foreign Object Wear, Freespan Flaws
96043.2 Rev. 0	Bobbin	Tube Support Plate Wear
96007.1 Rev. 10	Bobbin	ODSCC at Tube Support Plates
96910.1 Rev. 9	+Point™	Foreign Object Wear / Freespan Flaw Sizing
96005.2 Rev. 8	Bobbin	Freespan Pitting
21998.1 Rev. 3	+Point™	Foreign Object Wear / Freespan Flaw Sizing
20511.1 Rev. 7 20510.1 Rev. 5	+Point™	TTS Expansion / Tubesheet / Pre-Heater Expansion / Dent / Ding / Deplugged Tube Location – PWSCC
21409.1 Rev. 4 21410.1 Rev. 4 22401.1 Rev. 3	+Point™	TTS Expansion / Dent / Ding / U-Bend / Pre-Heater Expansion - ODSCC
96511.1 Rev. 15	+Point™	U-Bend PWSCC
96703.1 Rev. 16	+Point™	Dent / Ding / PWSCC Sizing

PWSCC – Primary Water Stress Corrosion Cracking
ODSCC – Outer Diameter Stress Corrosion Cracking
TSP – Tube Support Plate
TTS – Top of Tubesheet
AVB – Anti-Vibration Bar

4.2 Steam Generator Inspection Scope

4.2.1 100% of the tubes in all four SGs were inspected full length, with a bobbin coil probe as described in Section 4.1.1.

4.2.2 20% of the tubes in all four SGs were inspected at the hot leg top of tubesheet expansion transition region (+/- 3 inches) with a +Point™ probe as described in Section 4.1.2.

4.2.3 20% of the tubes in all four SGs were inspected from the hot leg top of tubesheet down to a depth of 17 inches. This population included 20% of the hot leg bulges $\geq$ 18 volts and over expansions $\geq$ 1.5 mils within this portion of the hot leg tubesheet. These inspections were performed with a +Point™ as described in Section 4.1.2.

4.2.4 100% of the tubes identified in all four SGs as having increased residual stress were inspected at the hot leg top of tubesheet expansion transition region (plus 3 inches to minus 17 inches) with a +Point™ probe as described in Section 4.1.2.

4.2.5 20% of the preheater baffle plate expansion transitions (+/- 2 inches) in SG D were inspected with a +Point™ probe as described in Section 4.1.2.

4.2.6 Inspection of the hot leg plug expansion zone of one tube in SG B was performed. This is the only tube at Braidwood Station, Unit 2, which had been previously deplugged and returned to service. This inspection was performed with a +Point™ probe as described in Section 4.1.2.

4.2.7 25% of the hot leg dents/dings greater than 3.0 volts based on bobbin inspection in all four SGs, were inspected (+/- 3 inches) with a +Point™ probe as described in Section 4.1.2.

4.2.8 25% of the Row 1 and Row 2 U-Bends in all four SGs were inspected from the top support plate on the hot leg side to the top support plate on the cold leg side with a +Point™ probe as described in Section 4.1.3.

4.2.9 100% review of the bobbin data in both the hot leg and cold leg tubesheet region was performed to identify unexpanded tubes.

4.2.10 Diagnostic examinations were conducted on non-quantifiable indications that were detected by the bobbin coil examination. Diagnostic examinations were also conducted on tubes in the vicinity of potential foreign objects in order to determine the extent of tubes potentially affected by the objects. These examinations were performed with a +Point™ as discussed in Section 4.1.4.

4.2.11 See Attachment B for tubesheet maps detailing the inspection scopes for each SG.

4.3 Recording of Examination Data

The eddy current data and analysis results were recorded on hard drives. The data was then loaded into the Westinghouse Eddy Current Data Management System, "ST Max" Version 1.18.02. This system was used to track the completion of the examinations and was used to generate the final SG eddy current report summaries.

4.4 Witness and Verification of Examination

SG eddy current inspections were witnessed and/or verified by the Authorized Nuclear Inservice Inspectors, Mr. L. Malabanan of the Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut, Chicago Branch, 2443 Warrenville Road, Suite 500, Lisle, Illinois 60532-9871.

5.0 EXAMINATION RESULTS

5.1 Indications Found

5.1.1 Anti-Vibration Bar (AVB) Wear – Tube degradation was found during bobbin coil examination in the U-Bend region due to fretting of Anti-Vibration Bars on the outer surface of the tube. A total of 847 indications were reported. The EPRI Appendix H bobbin coil technique 96004.3 was utilized for depth sizing of all AVB wear. The largest indication was 46% through wall (TW). All tubes with wear greater than or equal to 40% TW were removed from service by mechanical tube plugging. Table 5.1.1 provides a summary of AVB wear degradation. Refer to Attachment B for detailed locations and sizing for all AVB wear indications.

Table 5.1.1
A2R12 AVB Wear Summary

	SG A	SG B	SG C	SG D
	Ind.	Ind.	Ind.	Ind.
<20% TW	145	44	105	68
20-39% TW	221	48	134	71
>= 40% TW	8	0	3	0
TOTAL	374	92	242	139

5.1.2 Foreign Object Wear – EPRI Appendix H +Point™ coil sizing technique 21998.1 was used to size indications of secondary side foreign object wear identified during A2R12. Two tubes were identified as containing new wear from secondary side foreign objects. The first tube was in SG A Tube Row 12 Col 70. This tube had an indication of secondary side foreign object wear sized at 16% TW located slightly below the 5th tube support plate on the hot leg side. This tube was plugged and stabilized.

+Point™ inspection of the surrounding tubes in this region showed no signs of tube wear or presence of a foreign object. The second tube was in SG C Tube Row 8 Col 18. This tube had an indication of secondary side foreign object wear sized at 22% TW located slightly below the 7th tube support plate on the hot leg side. This tube was plugged and stabilized. +Point™ inspection of the surrounding tubes in this region showed no signs of tube wear or presence of a foreign object. Neither of these two tube locations were accessible for secondary side visual inspection.

Additionally, four (4) tubes distributed in SGs A/B/D had indications of foreign object wear that had not changed since the previous refueling outage (A2R11) inspection. These tubes have been allowed to remain in service based on them being below the Technical Specification plugging limit and visual verification that the object(s) that had caused the wear were no longer present. Inspection of these locations during A2R12 confirmed that these wear indications had not grown since the last inspection, therefore the tubes remain in service. Refer to Attachment B for detailed locations and sizing for foreign object wear indications.

5.1.3 Preheater Wear – Tube degradation was found in eight (8) tubes that was attributable to preheater wear. The depth of the preheater wear ranged from 3% TW to 46% TW. The depth was measured by either EPRI Appendix H qualified bobbin coil technique 96004.3 if the wear was at a drilled hole support, or bobbin coil technique 96043.2 if the wear was at a quatrefoil hole support location. Two (2) tubes were identified with wear greater than or equal to 40% TW. These two tubes were plugged and stabilized. Refer to Attachment B for detailed locations and sizing for all preheater wear indications.

5.2 Other Results

5.2.1 Visual Inspection of Installed Tube Plugs – All previously installed tube plugs were visually inspected for signs of degradation and leakage. In addition, all plugs installed during this outage (A2R12) were also visually inspected and the installation parameters were reviewed for acceptable installation. No anomalies were found.

5.2.2 Attachment B contains tube lists with axial elevations of all imperfections that contain measurable through wall depth that were found during the A2R12 eddy current inspection.

5.2.3 During A2R12, 100% bobbin eddy current data was screened to identify if any tubes were not expanded within the hot or cold leg tubesheet. No tubes were identified as being unexpanded.

5.2.4 A visual inspection of the secondary side moisture separator regions of SG D was performed during the A2R12 outage in accordance with Westinghouse procedure MRS-SSP-1323-CBE/CDE, "Model D-5 SG

Steam Drum and Auxiliary Feedwater Nozzle/Piping Inspection at Byron Station, Unit 2, and Braidwood Station, Unit 2," Revision 0. This was a follow-up inspection of the SG D based on erosion of the moisture separator tangential nozzles, downcomer barrels and swirl vanes being identified during the previous outage (A2R11), refer to the previous Braidwood Unit 2 Eleventh Refueling Outage Steam Generator Inservice Inspection Summary Report, dated July 27, 2005.

During A2R12 visual inspection and ultrasonic thickness measurements were taken of the eroded areas, with an emphasis on reinspection of the areas identified as eroded during the previous A2R11 inspection. Continued erosion of the components was identified, while no indications of through wall erosion were identified. An analysis was performed that determined that in the eroded areas significant margin remained prior to the erosion penetrating through wall and affecting SG performance or possibly generating loose parts. The erosion in the affected areas was not projected to penetrate through wall over the next operating cycle. Monitoring of the condition is planned over subsequent operating cycles in order to develop a degradation growth rate and take corrective actions if they become necessary.

6.0 REPAIR SUMMARY

Repairs were conducted in accordance with ASME Section XI, 1989 Edition. All repairs were performed using Inconel-690 mechanical tube plugs. All repairs were performed in accordance with Westinghouse approved procedures. Prior to plugging, two tubes were stabilized in the region where secondary side foreign object wear was identified and two tubes were stabilized in the region wear preheater support plate wear was identified. Table 6.0 summarizes the repairs performed during A2R12. No tube sleeving was performed.

Table 6.0
Summary of A2R12 Tube Plugging

	SG A	SG B	SG C	SG D	Total
Tubes Plugged in A2R12	9	1	4	0	14
Tubes Stabilized	1	1	2	0	4

Refer to Attachment B for detailed locations and sizing of indications in tubes that were plugged during A2R12.

7.0 DOCUMENTATION

All original optical disks have been provided to Exelon and are maintained at Braidwood Station. The final data sheets and pertinent tube sheet plots are contained in the Westinghouse Outage Report for Braidwood Station, Unit 2, Twelfth Refueling Outage, and are also maintained at Braidwood Station.

NOTE: The ASME Section XI NIS-1 Form. "Owner's Report for Inservice Inspections," for steam generator inspections performed during the Braidwood Station, Unit 2, Twelfth Refueling Outage is contained in the "Braidwood Station, Unit 2, Inservice Inspection Summary Report."

8.0 FIGURES/TABLES/ATTACHMENTS

Attachment A Contents

Table A.1 Data Acquisition Personnel Certification List

Table A.2 Data Analysis Personnel Certification List

Figure A.1 Westinghouse Model D-5 Tube Support Plate

Attachment B Contents

Attachment B.1 As-tested Bobbin Inspection Maps

Attachment B.2 As-tested +Point™ Hot Leg Tubesheet Inspection Maps

Attachment B.3 As-tested +Point™ Special Interest Inspection Maps

Attachment B.4 Tubes Containing Secondary Side Foreign Wear

Attachment B.5 Tubes Containing Anti-Vibration Bar Wear

Attachment B.6 Tubes Containing Preheater Wear

Attachment B.7 Tubes Repaired During A2R12

Attachment A

Personnel Certifications

TABLE A.1
A2R12
Data Acquisition Personnel Certifications

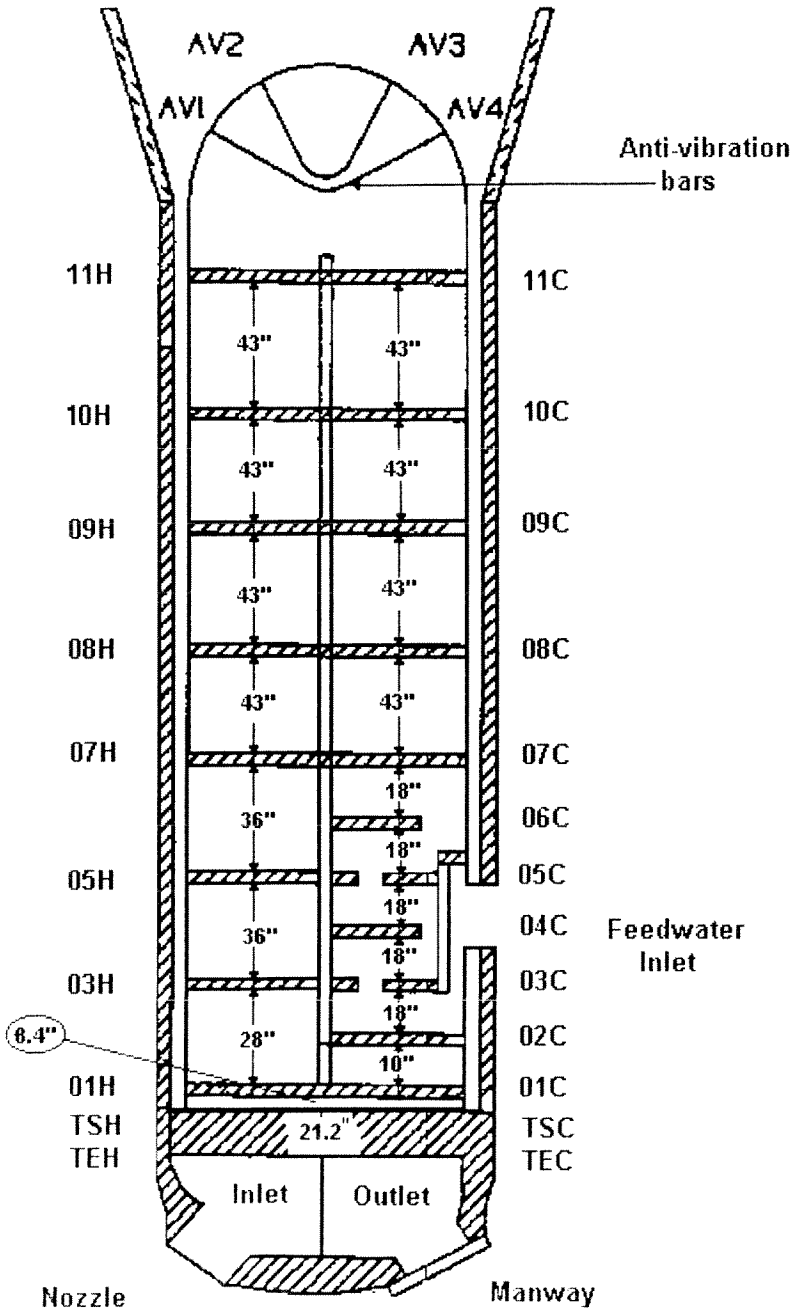
No.	Name	Company	Level	QDA (Y/N)
1	Brown, W.	TMP/Hudson	II	N
2	Mantich, S.	TMP/Hudson	II	N
3	Bradley, G.	Westinghouse	II	N
4	Evering, D.	Westinghouse	II	N
5	Fore, S.	Westinghouse	II	N
6	Gault, W.	Westinghouse	II	N
7	Miller, G.	Westinghouse	II	N
8	Reif, D.	Westinghouse	II	N
9	Scott, A.	Westinghouse	II	N
10	Shipley, E.	Westinghouse	II	N
11	Smith, D.	Westinghouse	II	N
12	Tedrick, J.	Westinghouse	II	N
13	Walsh, M.	Westinghouse	II	N

TABLE A.2
A2R12
Data Analysis Personnel Certifications

No.	Name	Company	Level	QDA (Y/N)
1	Ostler, E.	Young	IIA	Y
2	Humphrey, R.	Consumers	III	Y
3	Nadinic, B.	HRID	III	Y
4	Todev, I.	HRID	IIA	Y
5	Tsankov, M.	HRID	IIA	Y
6	Zerovnik, V.	HRID	IIA	Y
7	Zunac, D.	HRID	IIA	Y
8	Herold, M.	Infineddy	IIA	Y
9	Hill, J.	Infineddy	III	Y
10	Ingenthron, J.	Infineddy	IIA	Y
11	Rush, S.	Infineddy	III	Y
12	Salton, J.	Infineddy	III	Y
13	Kajari, I.	Master-Lee	IIA	Y
14	Padgett, L.	Master-Lee	IIA	Y
15	Rehak, R.	Master-Lee	IIA	Y
16	Black, C.	NDE Tech	III	Y
17	Brown, M.*	NDE Tech	III	Y
18	Drumm, R.	NDE Tech	III	Y
19	Grant, B.	NDE Tech	III	Y
20	Lewis, C.	NDE Tech	IIA	Y
21	Looper, R.	NDE Tech	III	Y
22	Mast, M.	NDE Tech	III	Y
23	Sheldon, J.	NDE Tech	III	Y
24	Skirpan, J.	NDE Tech	IIA	Y
25	Stokke, T.	NDE Tech	III	Y
26	Gutierrez, M.	Tencnatom	IIA	Y
27	Krajcovic, R.	Tencnatom	IIA	Y
28	Martinez, A.	Tencnatom	III	Y
29	Salvador, S.	Tencnatom	III	Y
30	Villanueva, F.	Tencnatom	III	Y
31	Bowser, C.	Westinghouse	III	Y
32	Popovich, R.	Westinghouse	III	Y
33	Terning, G	Westinghouse	III	Y
34	Yaklich, D.	Westinghouse	III	Y
35	Childers, J.	Wiltec	III	Y
36	Maullar, K.	Wiltec	III	Y
37	Calendar, D.	Young	IIA	Y
38	Circosta, S.	Young	III	Y
39	Ethridge, G.*	Young	III	Y
40	Gray, W.	Young	III	Y
41	Hover, L.	Young	III	Y
42	Stewart, K	Young	IIA	Y

* Independent Qualified Data Analyst

FIGURE A.1
Westinghouse Model D-5
Tube Support Plate Configuration



Attachment B

Inspection Scope / Results

Attachment B.1

As-tested Bobbin Inspection Maps

SG-A HOT LEG .610 BOBBIN INSPECTION

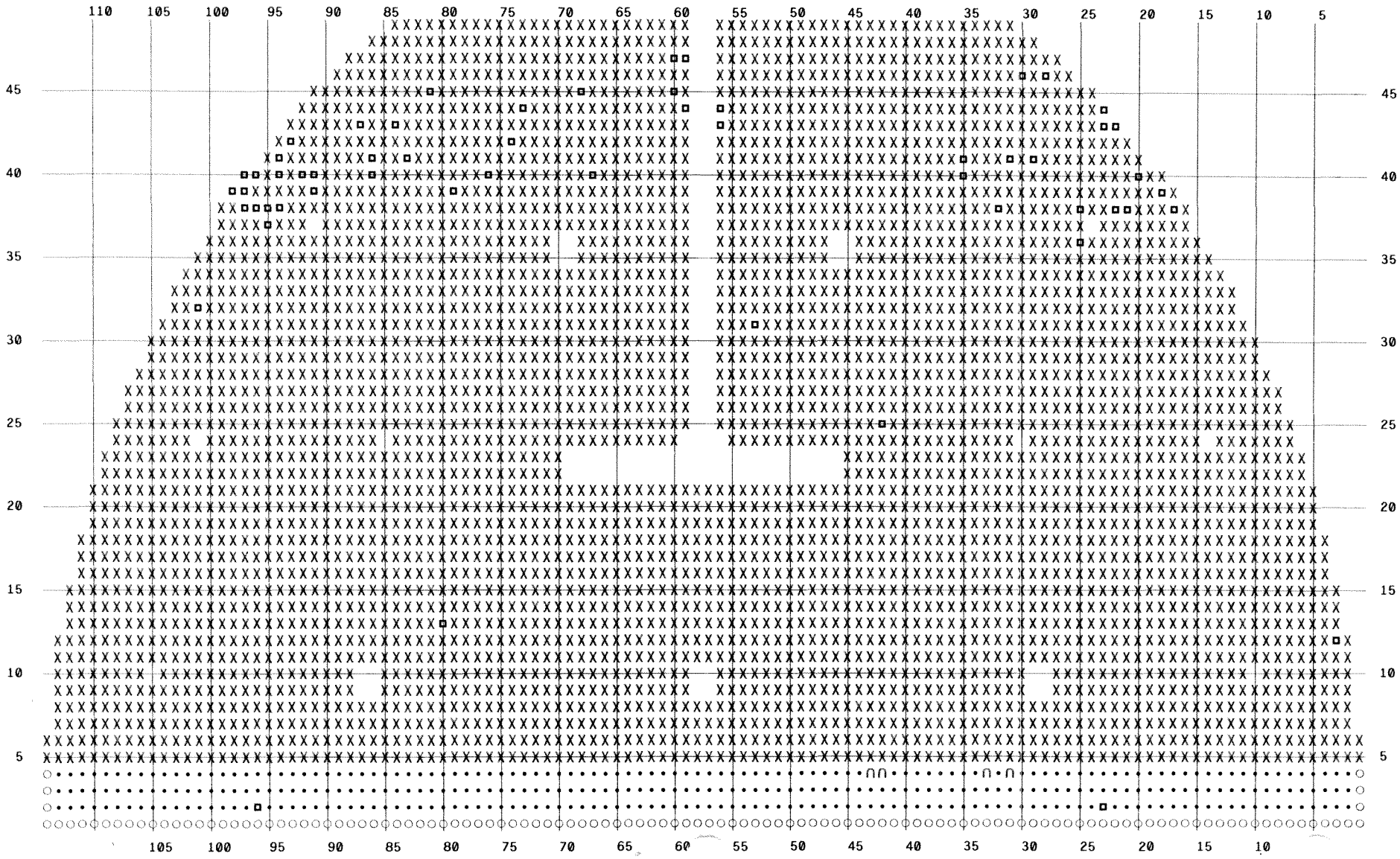
AS TESTED

Braidwood A2R12 CDE D5

X 4059 TESTED TEC THROUGH TEH

∩ 4 TESTED 11C THROUGH TEH

◘ 57 PLUGGED TUBE

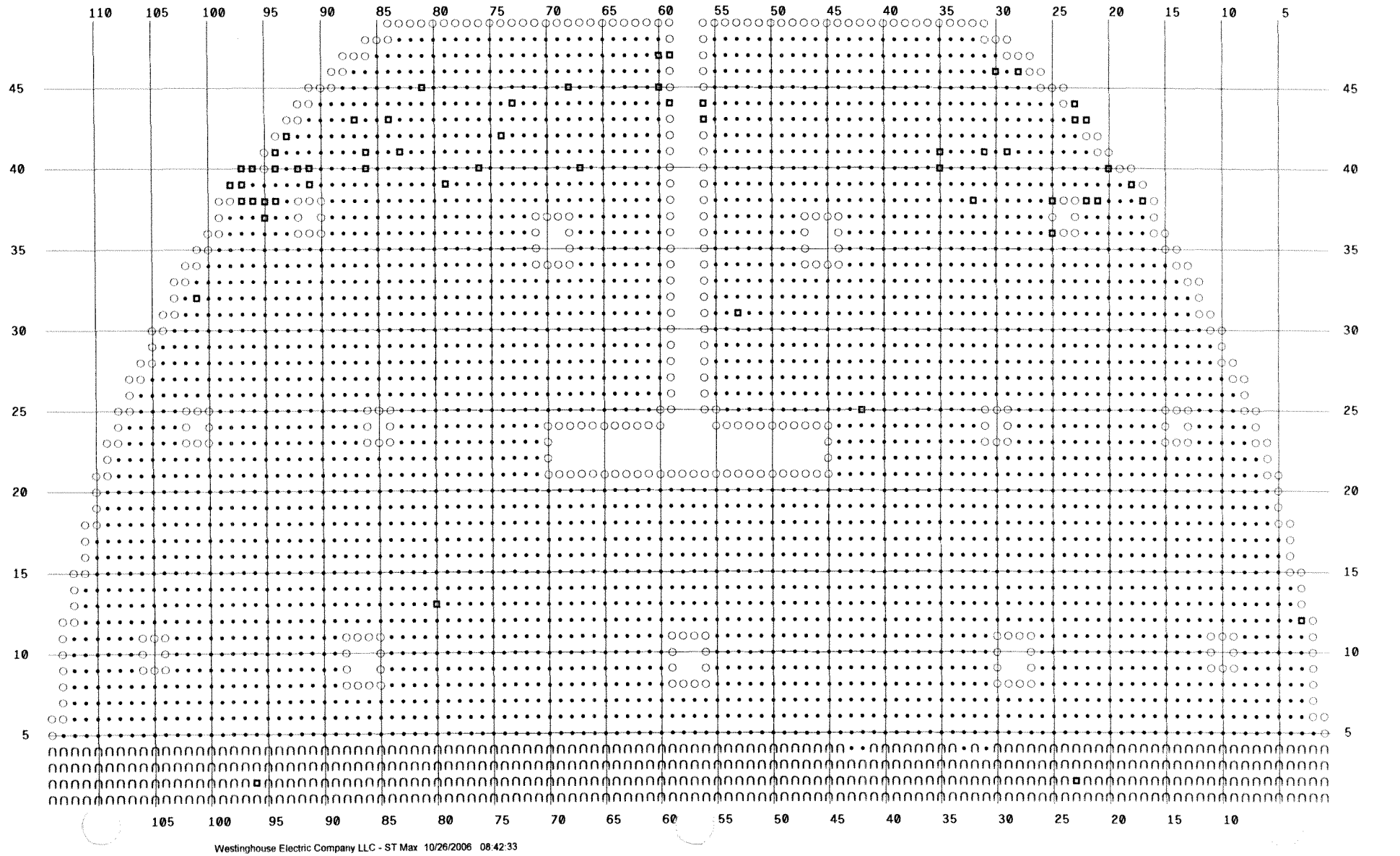


Westinghouse Electric Company LLC - ST Max 10/26/2006 08:40:03

SG-A HOT LEG .590 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5



Westinghouse Electric Company LLC - ST Max 10/26/2006 08:42:33

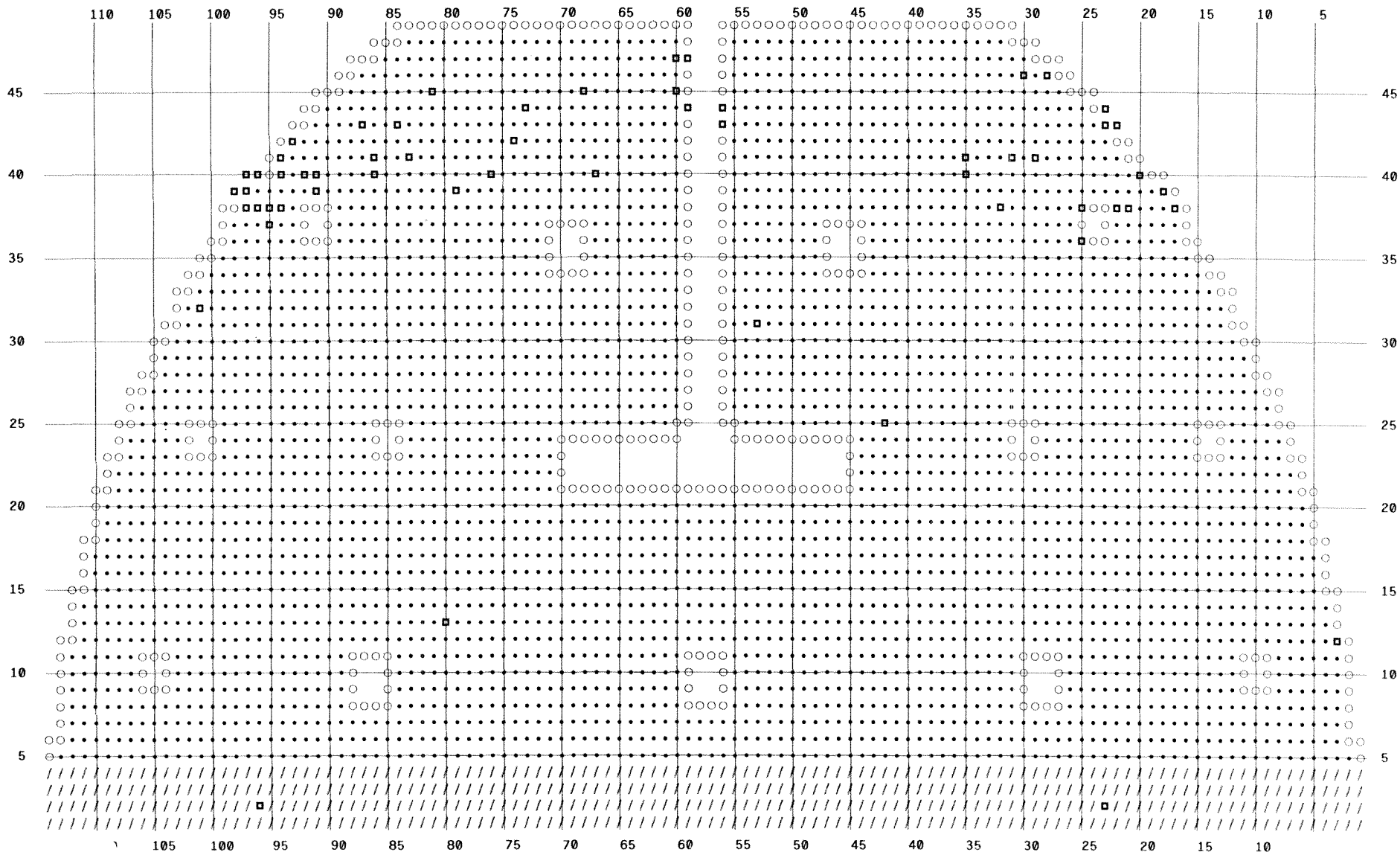
SG-A COLD LEG .610 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

/ 454 TESTED 11C THROUGH TEC

▫ 57 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 08:44:03

SG-B HOT LEG .610 BOBBIN INSPECTION

AS TESTED

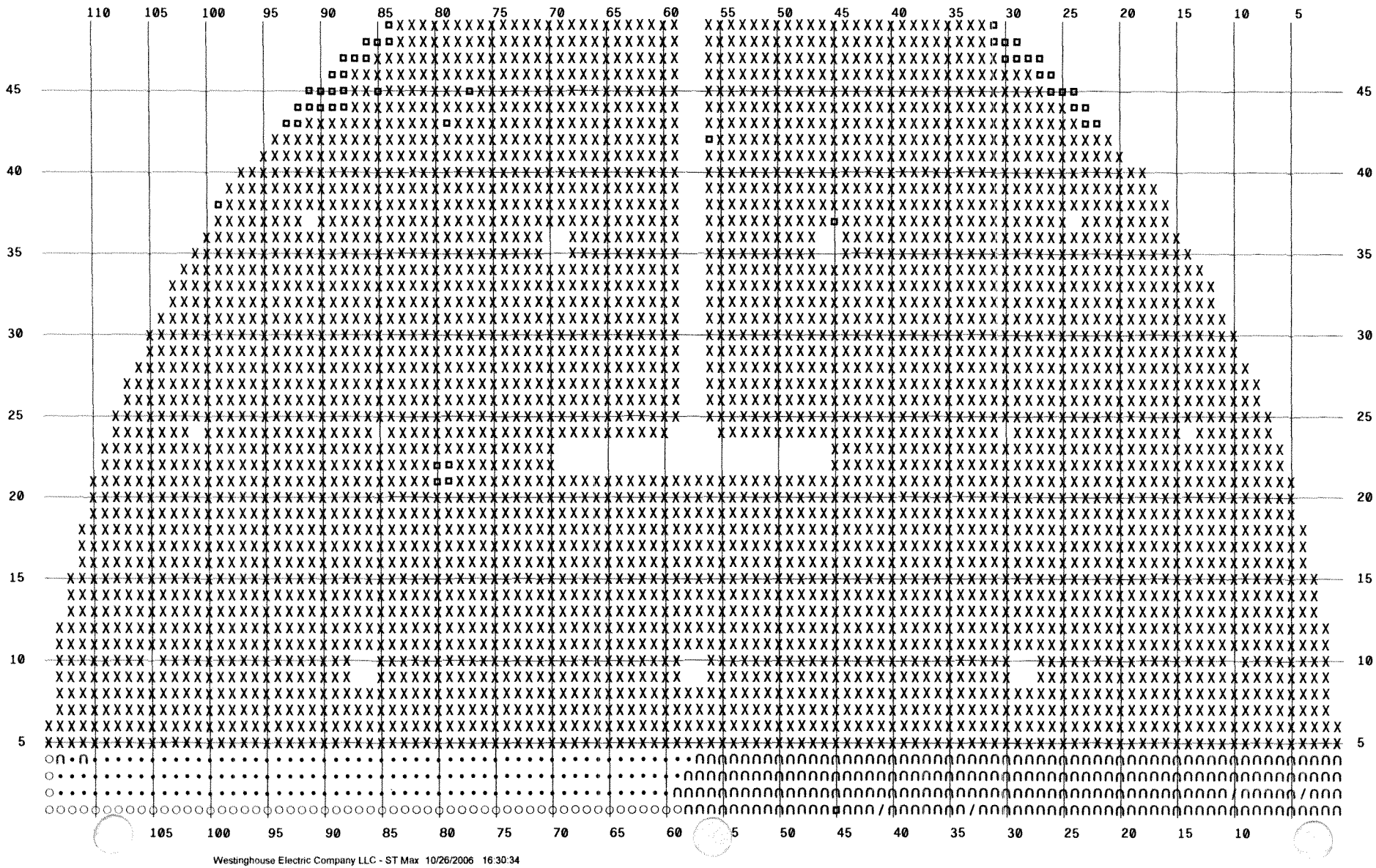
Braidwood A2R12 CDE D5

X 4067 TESTED TEC THROUGH TEH

∩ 229 TESTED 11C THROUGH TEH

/ 4 TESTED 11H THROUGH TEH

◘ 48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 16:30:34

SG-B HOT LEG .590 BOBBIN INSPECTION

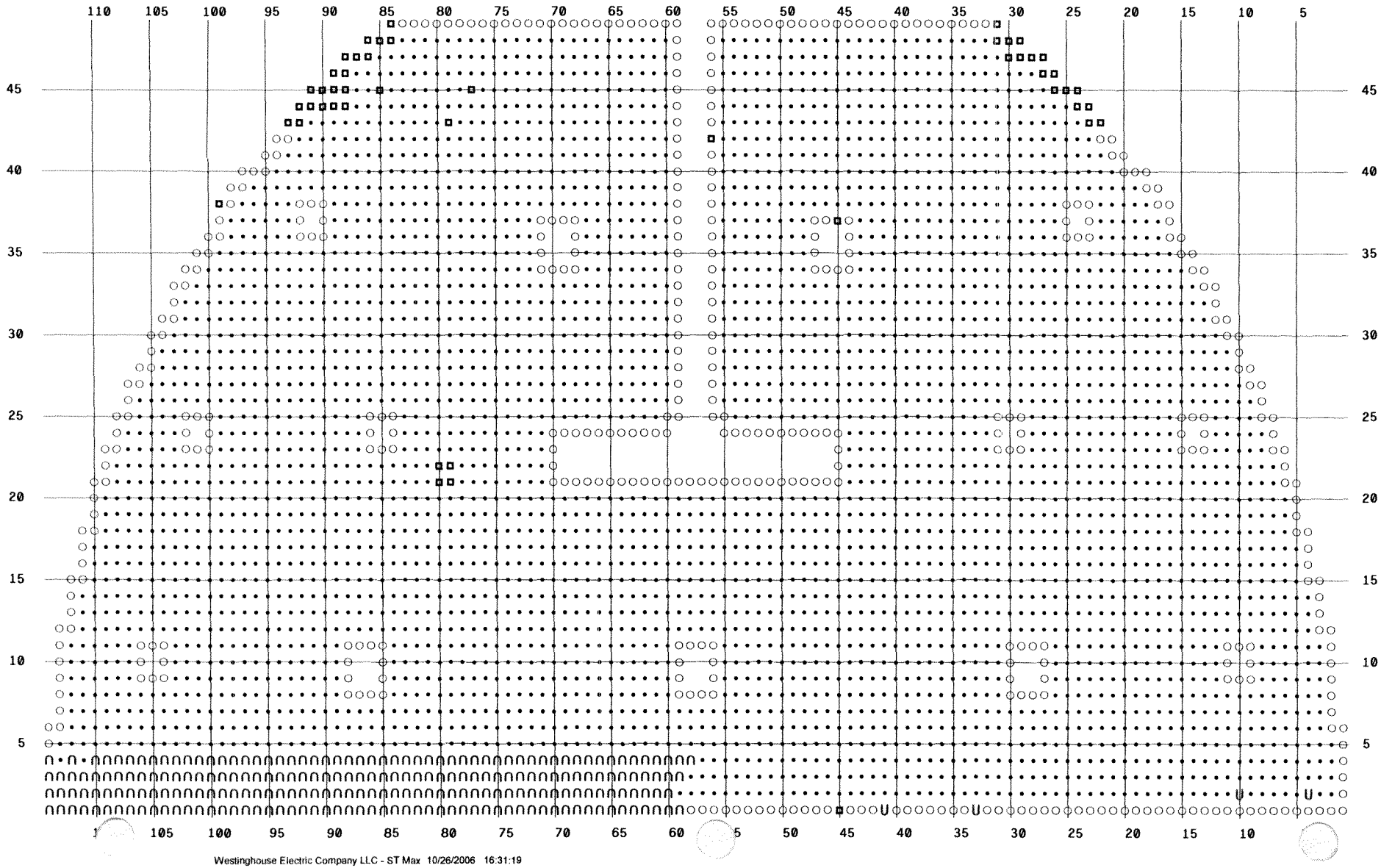
AS TESTED

Braidwood A2R12 CDE D5

∩ 222 TESTED 11C THROUGH TEH

U 4 TESTED 11C THROUGH 10H

◘ 48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 16:31:19

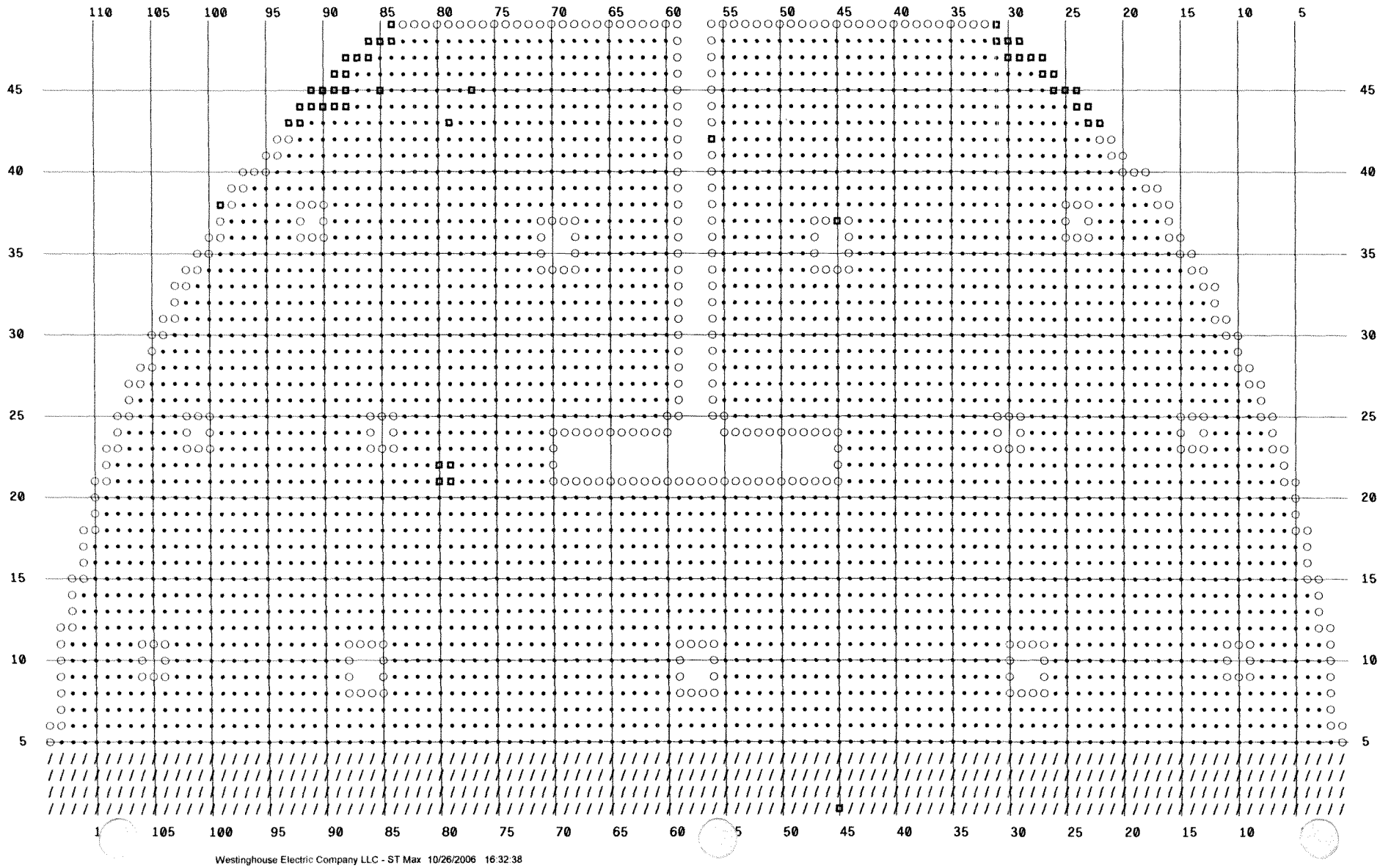
SG-B COLD LEG .610 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

/ 455 TESTED 11C THROUGH TEC

▫ 48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 16:32:38

SG - C HOT LEG .610 BOBBIN INSPECTION

AS TESTED

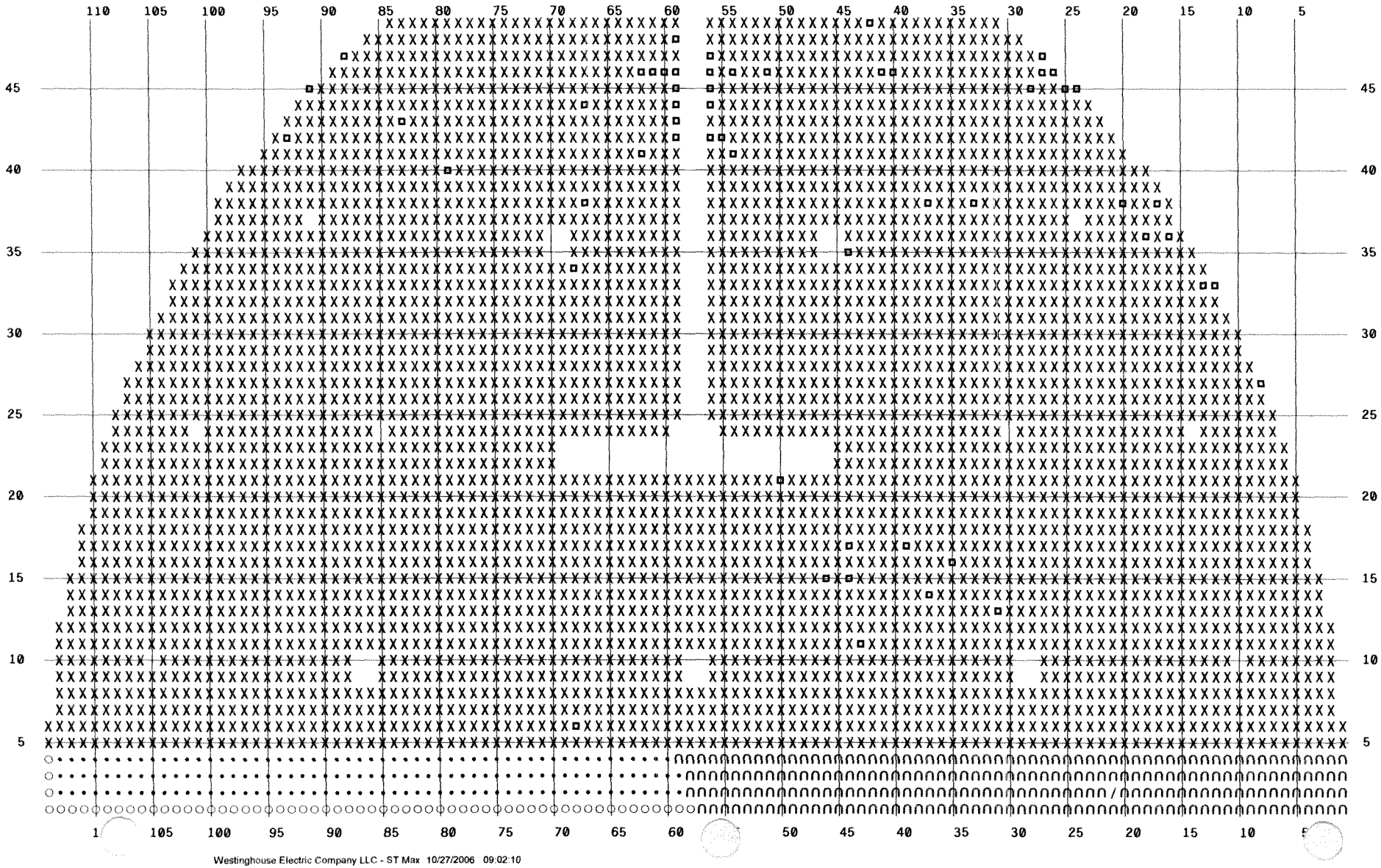
Braidwood A2R12 CDE D5

X 4058 TESTED TEC THROUGH TEH

∩ 231 TESTED 11C THROUGH TEH

/ 1 TESTED 11H THROUGH TEH

◻ 56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 09:02:10

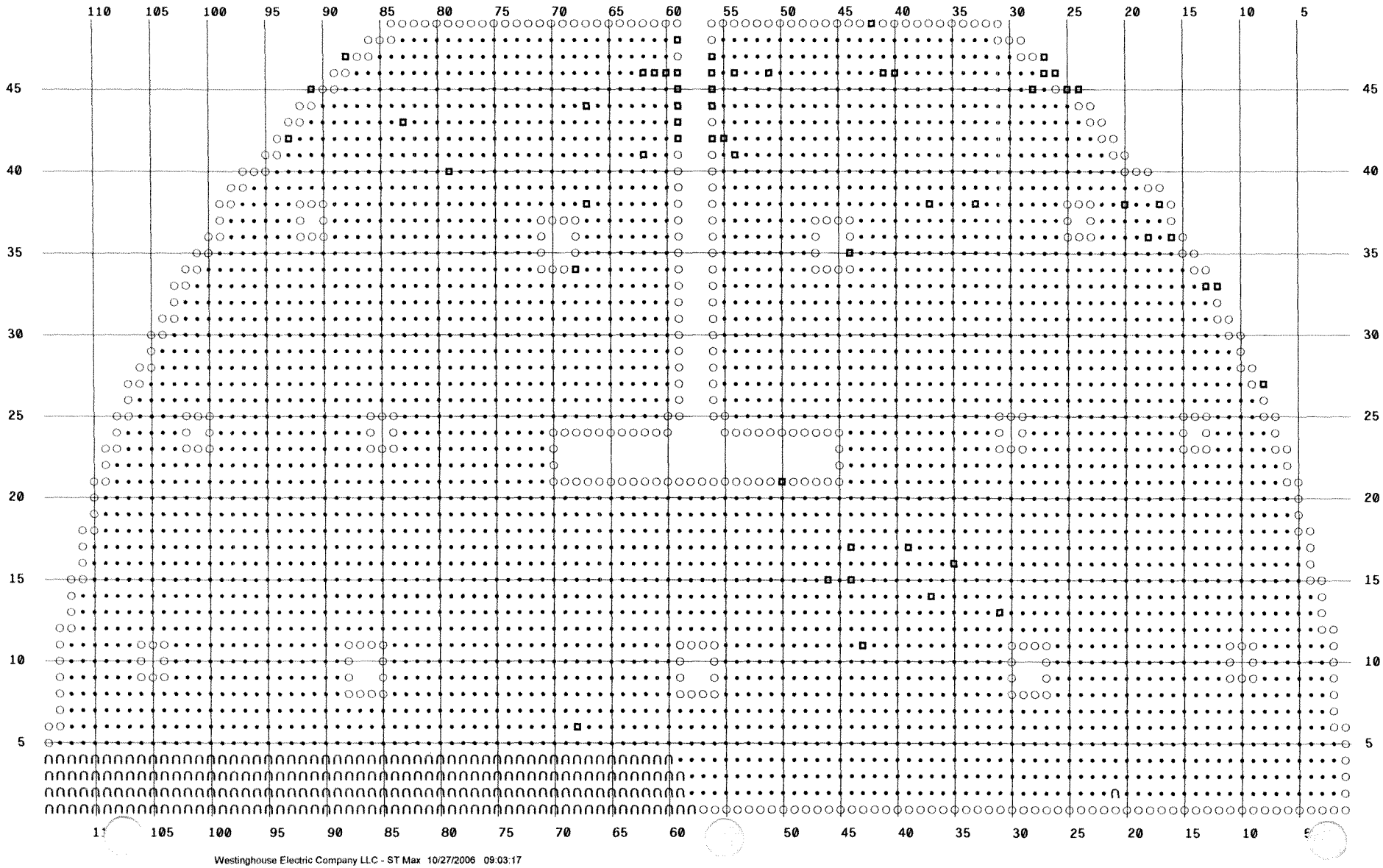
SG - C HOT LEG .590 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

∩ 225 TESTED 11C THROUGH TEH

◘ 56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 09:03:17

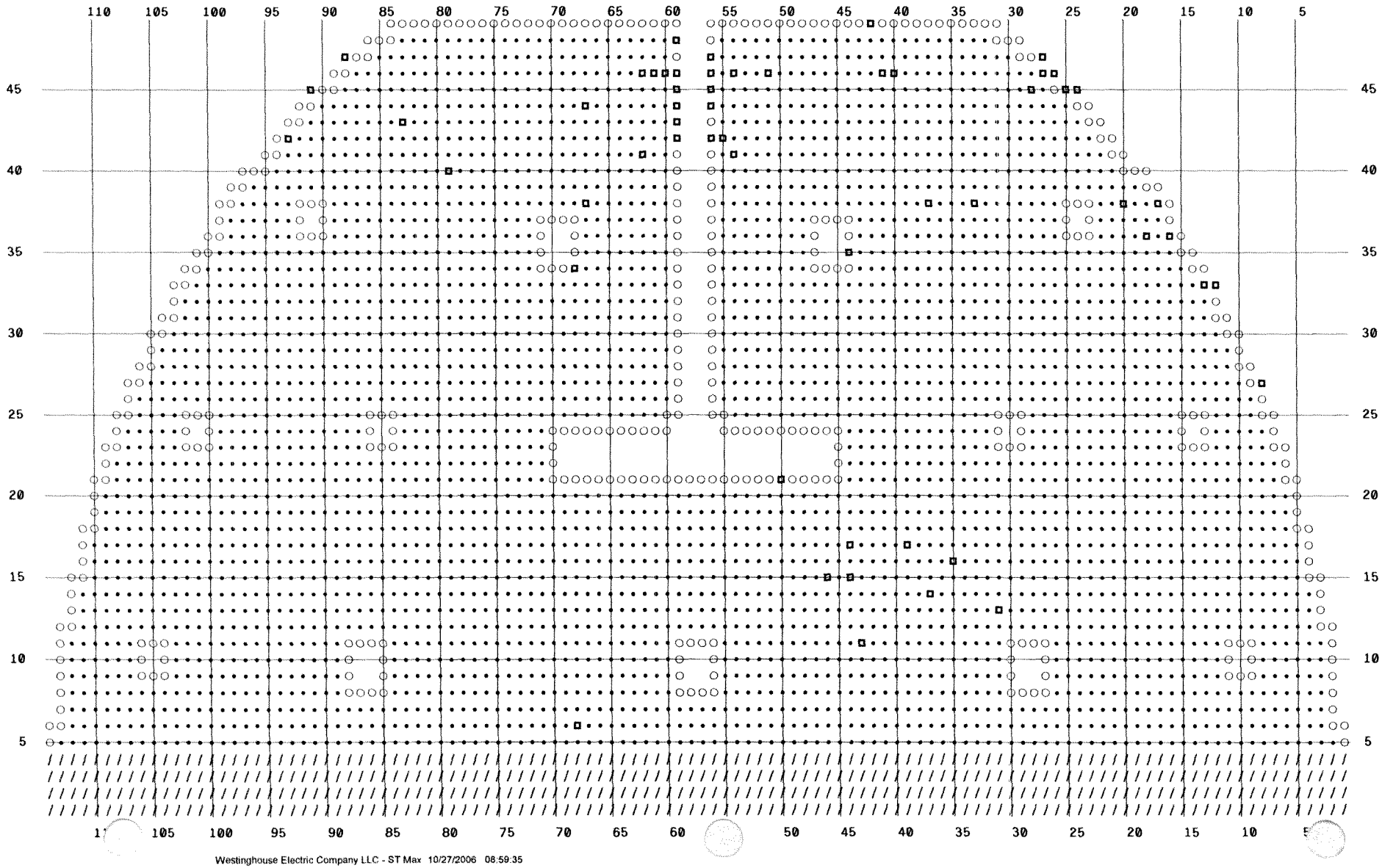
SG - C COLD LEG .610 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

/ 456 TESTED 11C THROUGH TEC

▫ 56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 08:59:35

SG - D HOT LEG .610 BOBBIN INSPECTION

AS TESTED

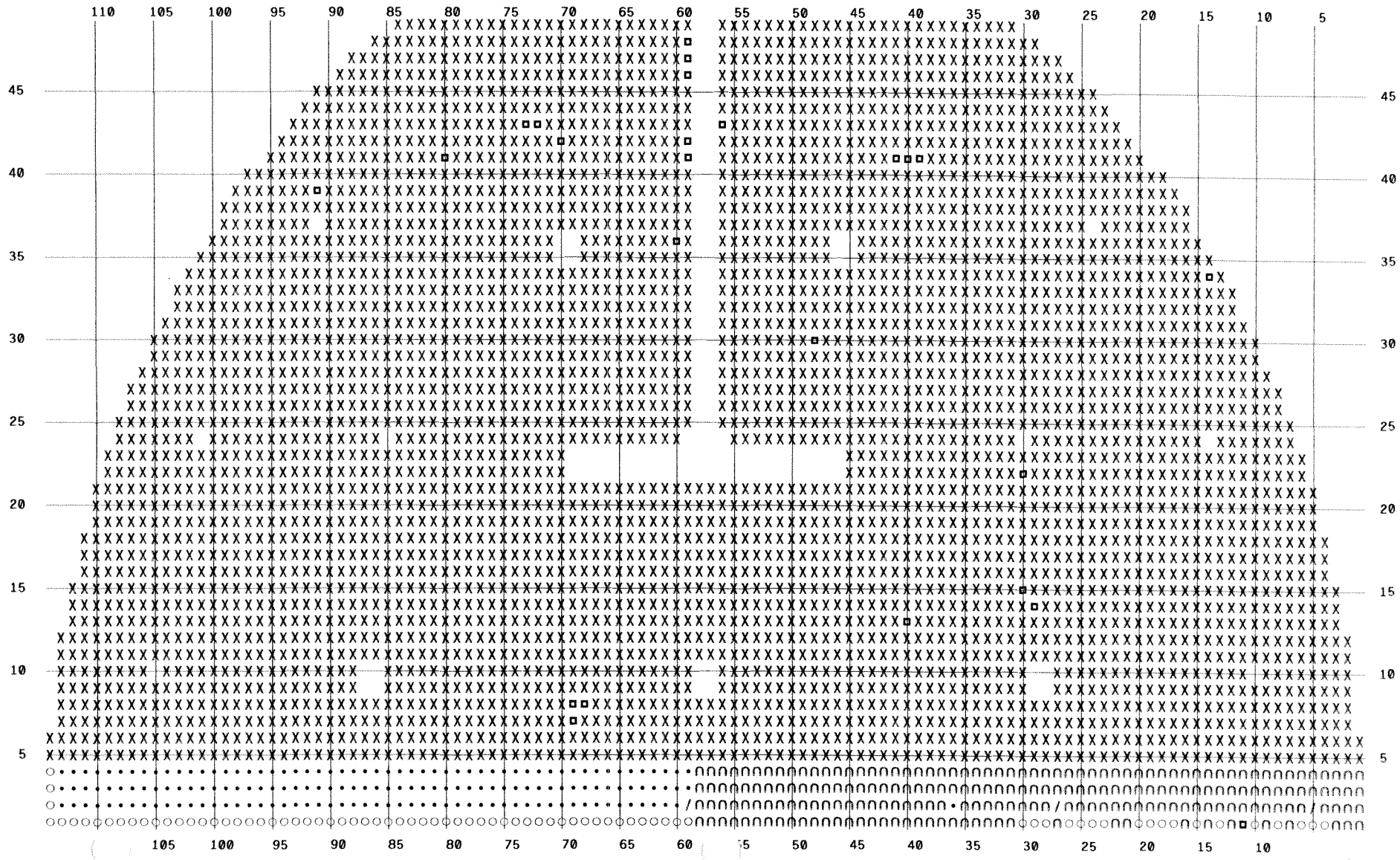
Braidwood A2R12 CDE D5

X 4090 TESTED TEC THROUGH TEH

∩ 210 TESTED 11C THROUGH TEH

/ 3 TESTED 11H THROUGH TEH

▫ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 14:00:22

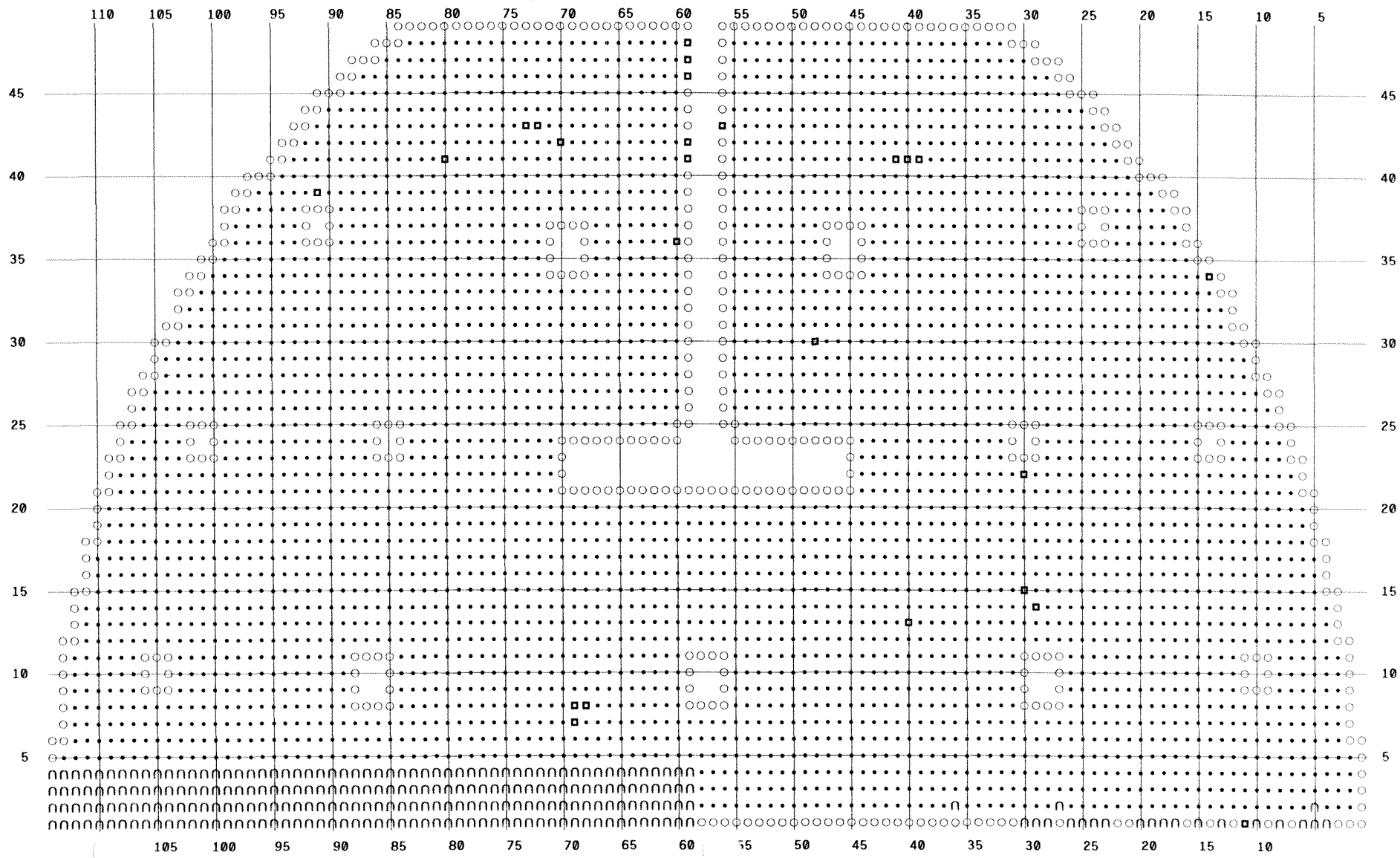
SG - D HOT LEG .590 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

∩ 245 TESTED 11C THROUGH TEH

◘ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 13:56:16

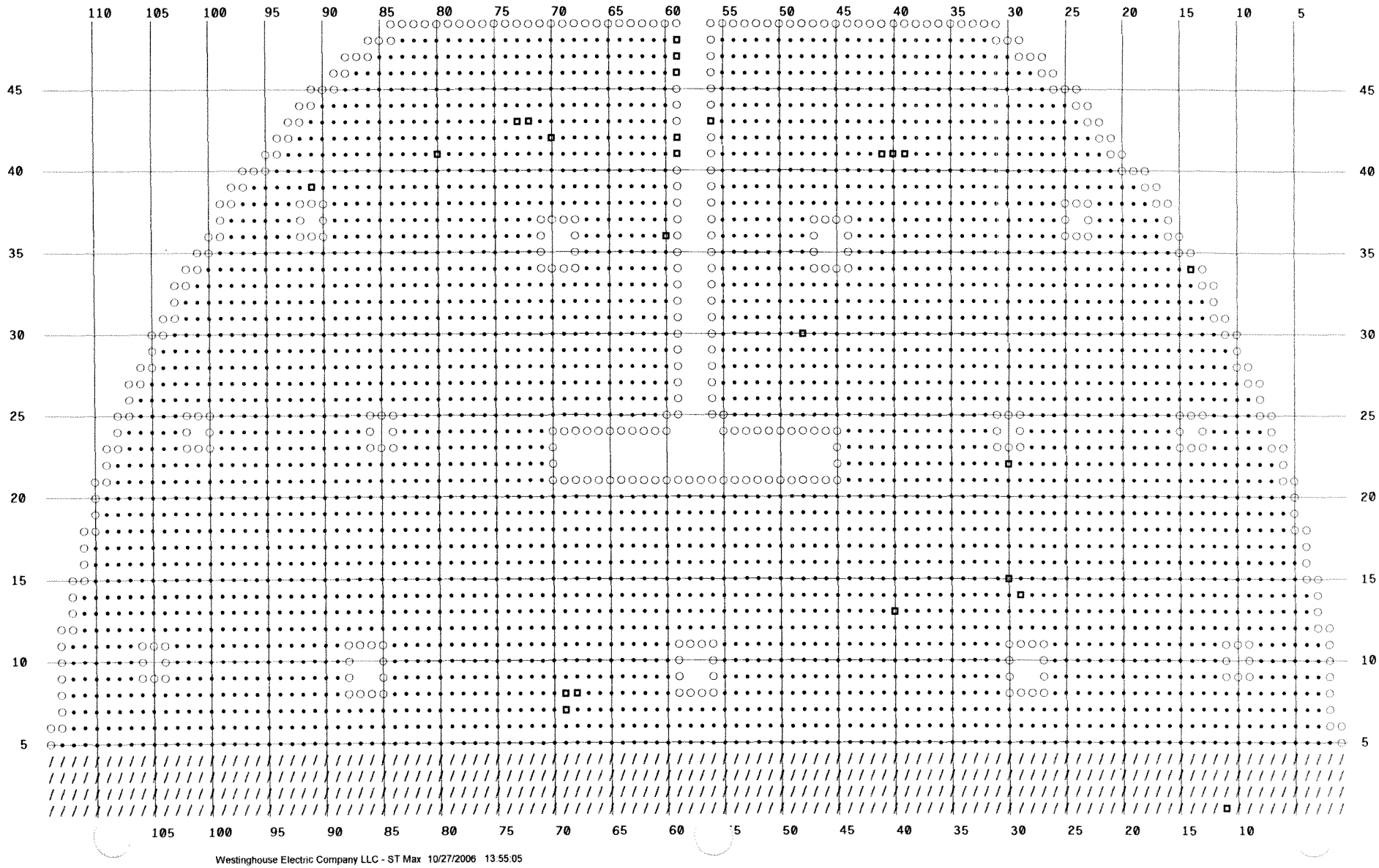
SG - D COLD LEG .610 BOBBIN INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

/ 455 TESTED 11C THROUGH TEC

▫ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 13:55:05

Attachment B.2

As-tested +Point™ Hot Leg Tubesheet Inspection Maps

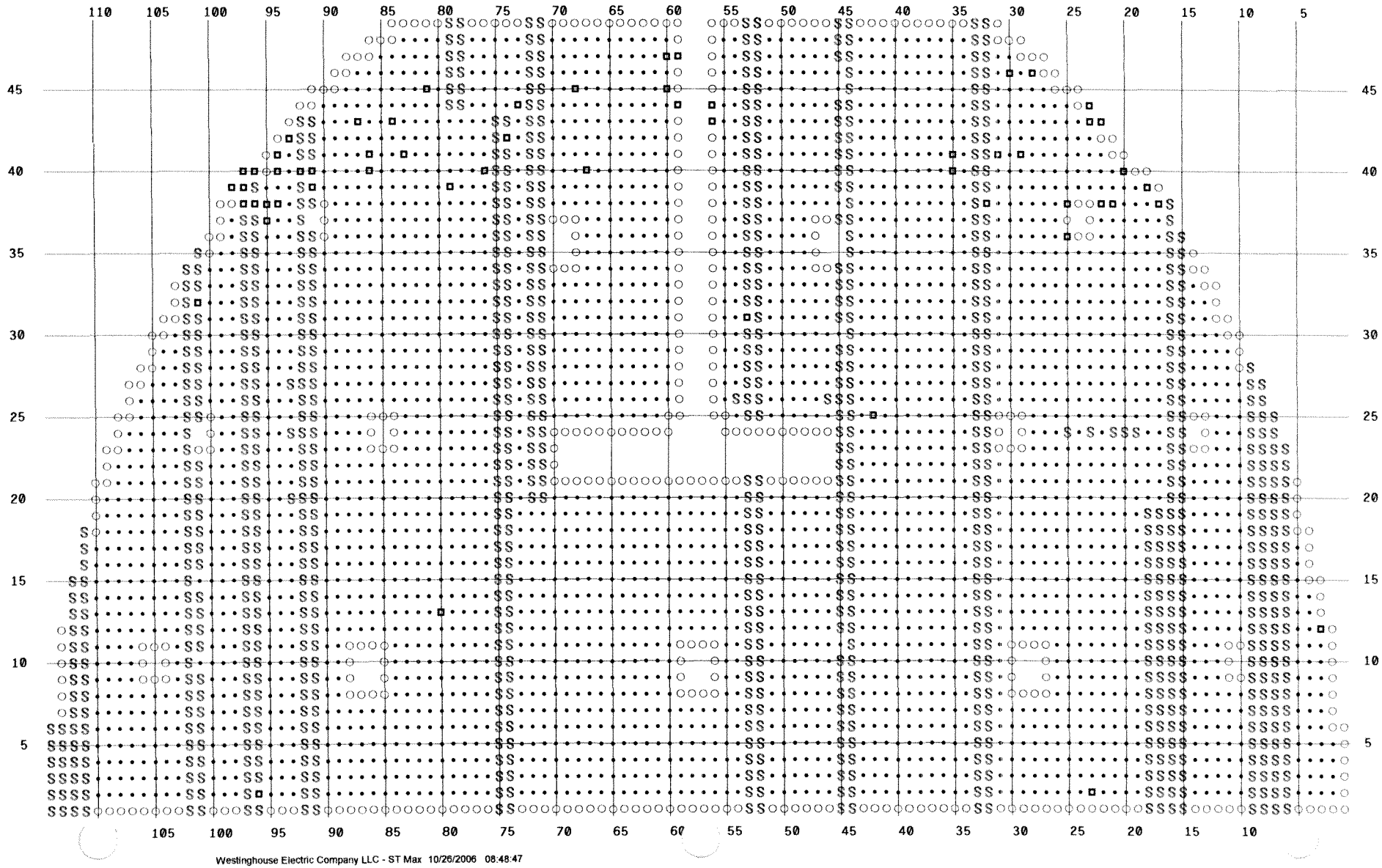
SG-A HOT LEG TOP OF TUBESHEET +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

S 926 TESTED TSH -17 THROUGH +3 INCHES

▫ 57 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 08:48:47

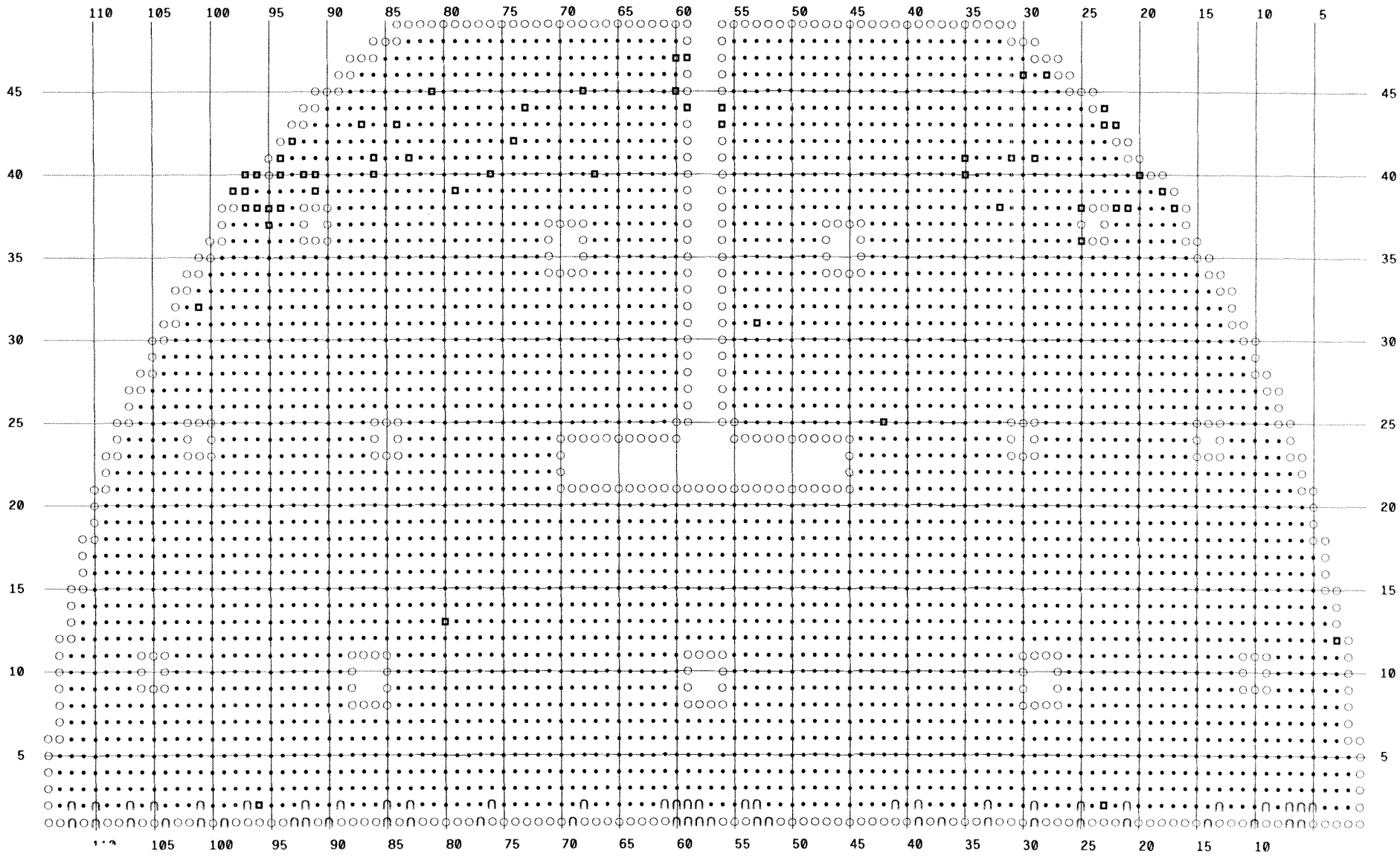
SG-A HOT LEG LOW ROW U-BEND +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

∩ 58 TESTED 11H THROUGH 11C

◘ 57 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 08:46:42

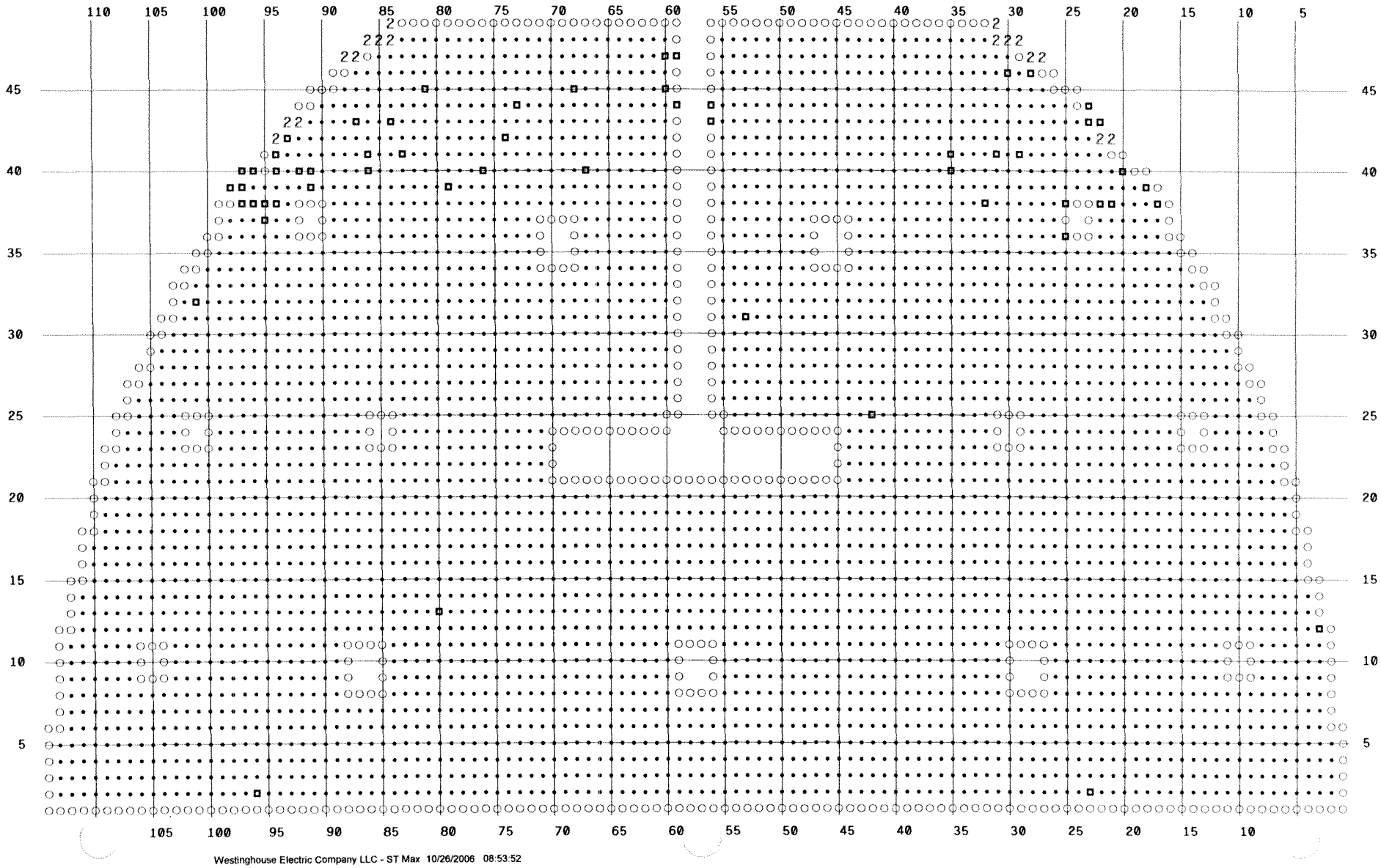
SG-A COLD LEG TUBES EXPANDED AT B BAFFLE +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

2 17 TESTED 02C -/+ 3 INCHES

57 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 08:53:52

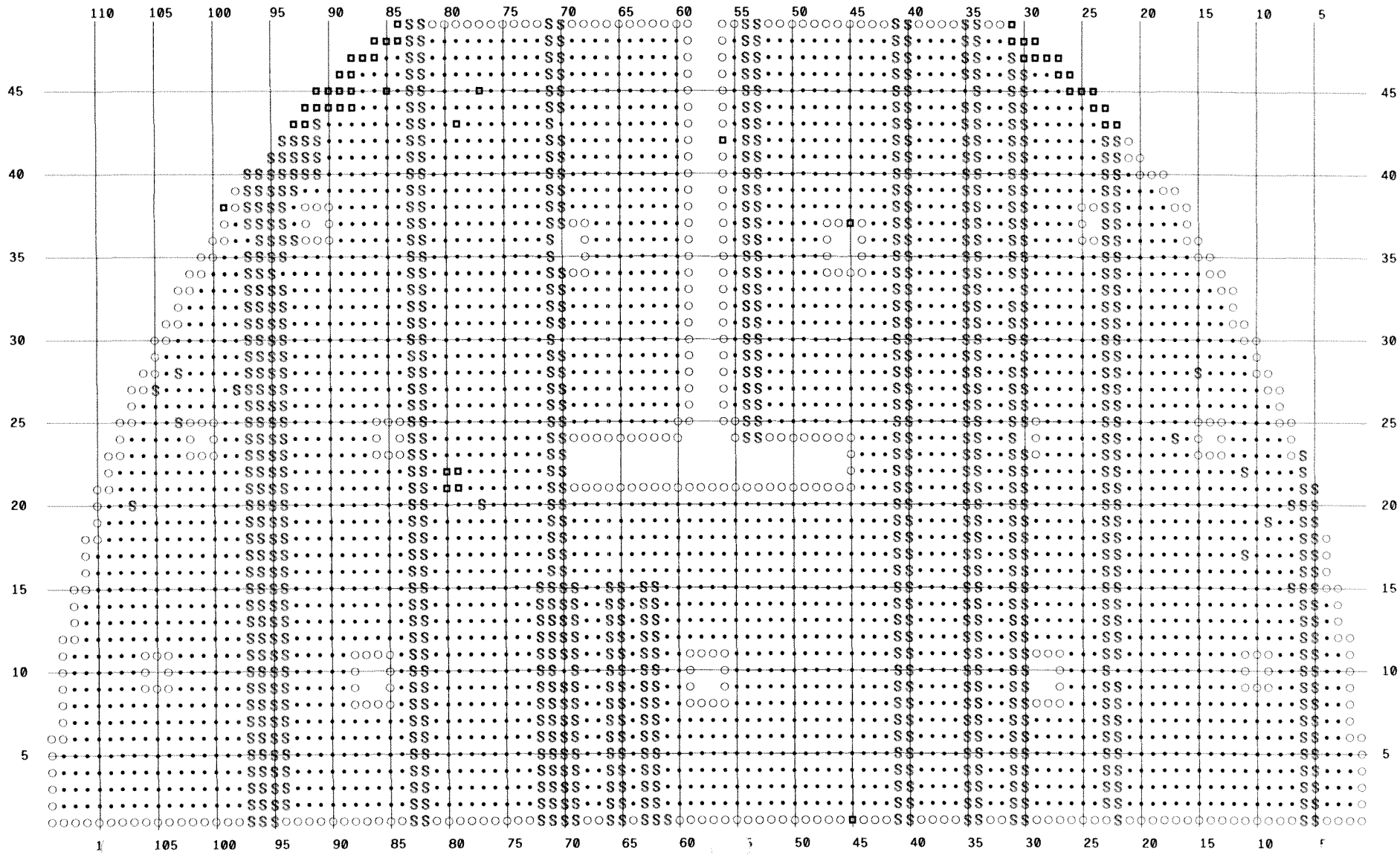
SG-B HOT LEG TOP OF TUBESHEET +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

S 930 TESTED TSH -17 THROUGH +3 INCHES

48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 16:28:49

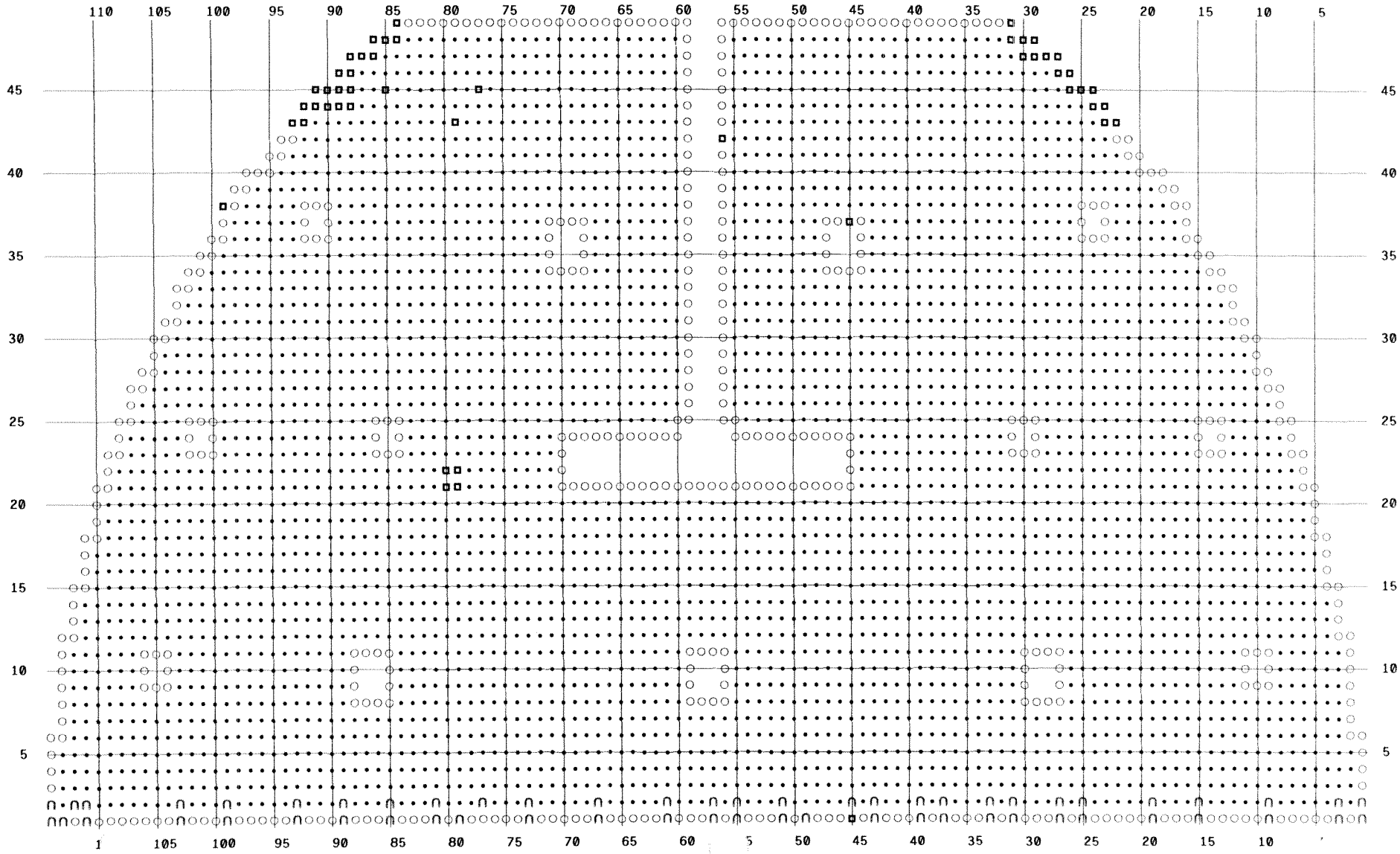
SG-B HOT LEG LOW ROW U-BEND +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

∩ 58 TESTED 11H THROUGH 11C

▫ 48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 16:28:23

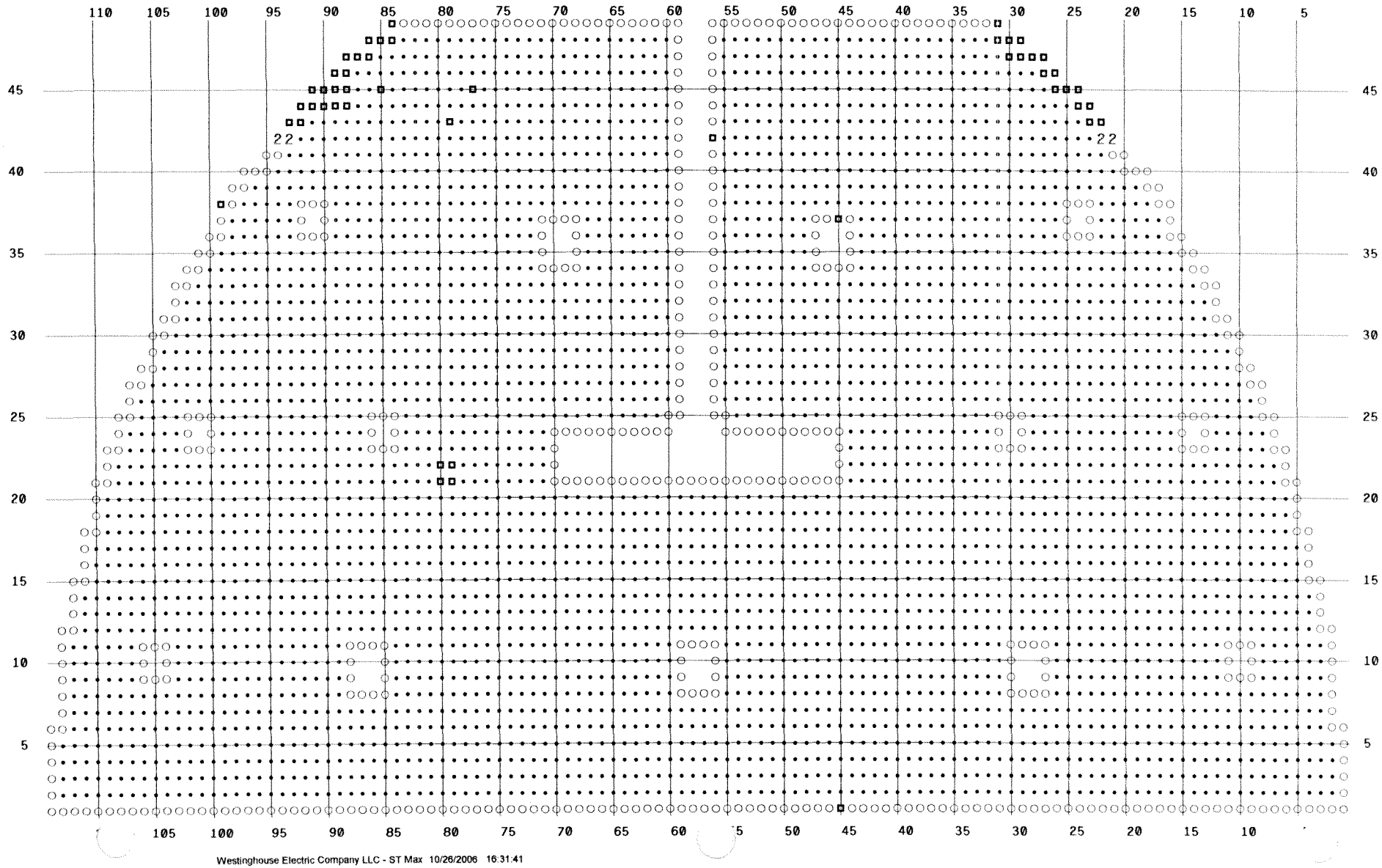
SG-B COLD LEG TUBES EXPANDED AT B BAFFLE +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

2 4 TESTED 02C -/+ 3 INCHES

48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 16:31:41

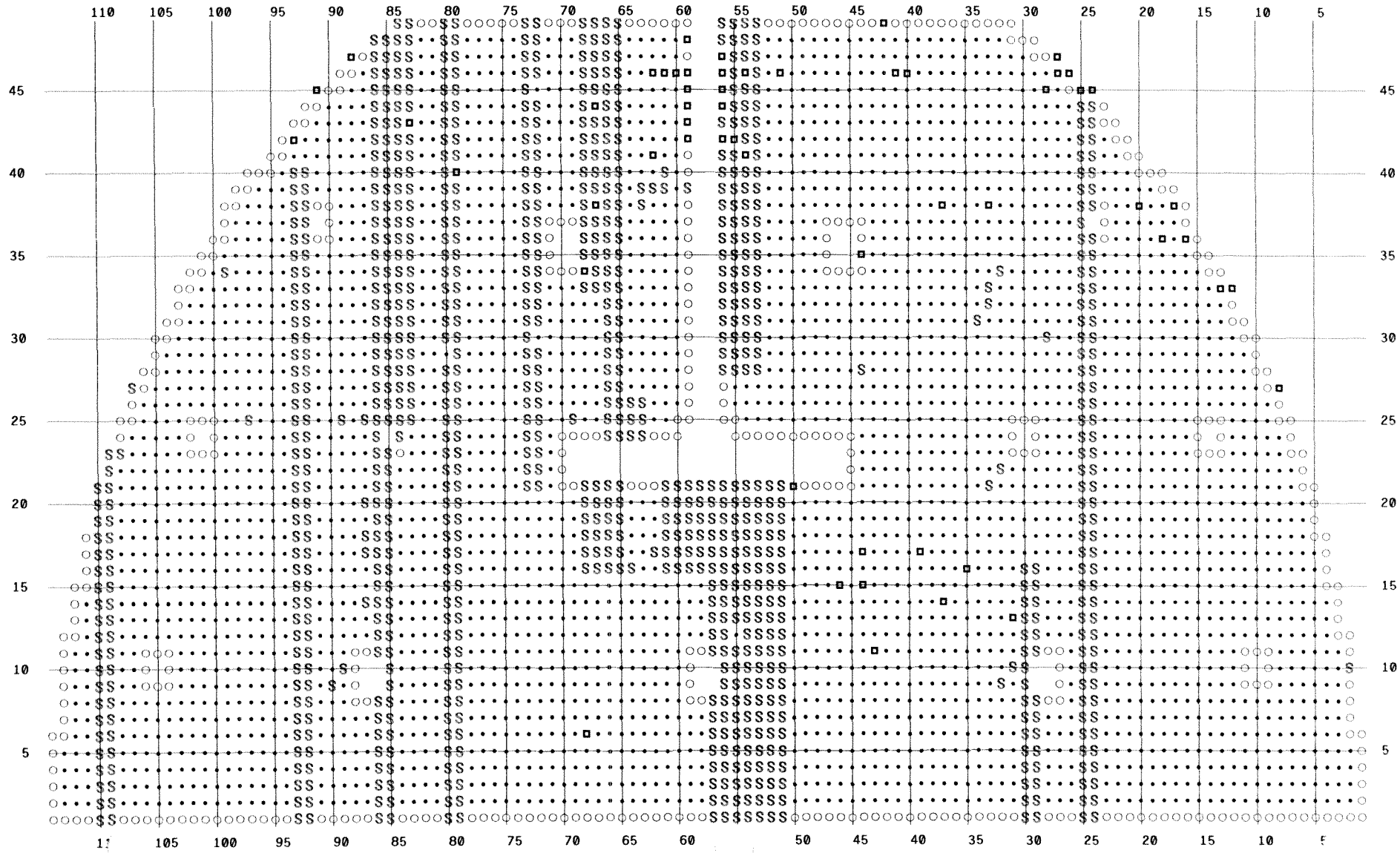
SG - C HOT LEG TOP OF TUBESHEET +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

S 929 TESTED TSH -17 THROUGH +3 INCHES

56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 09:00:15

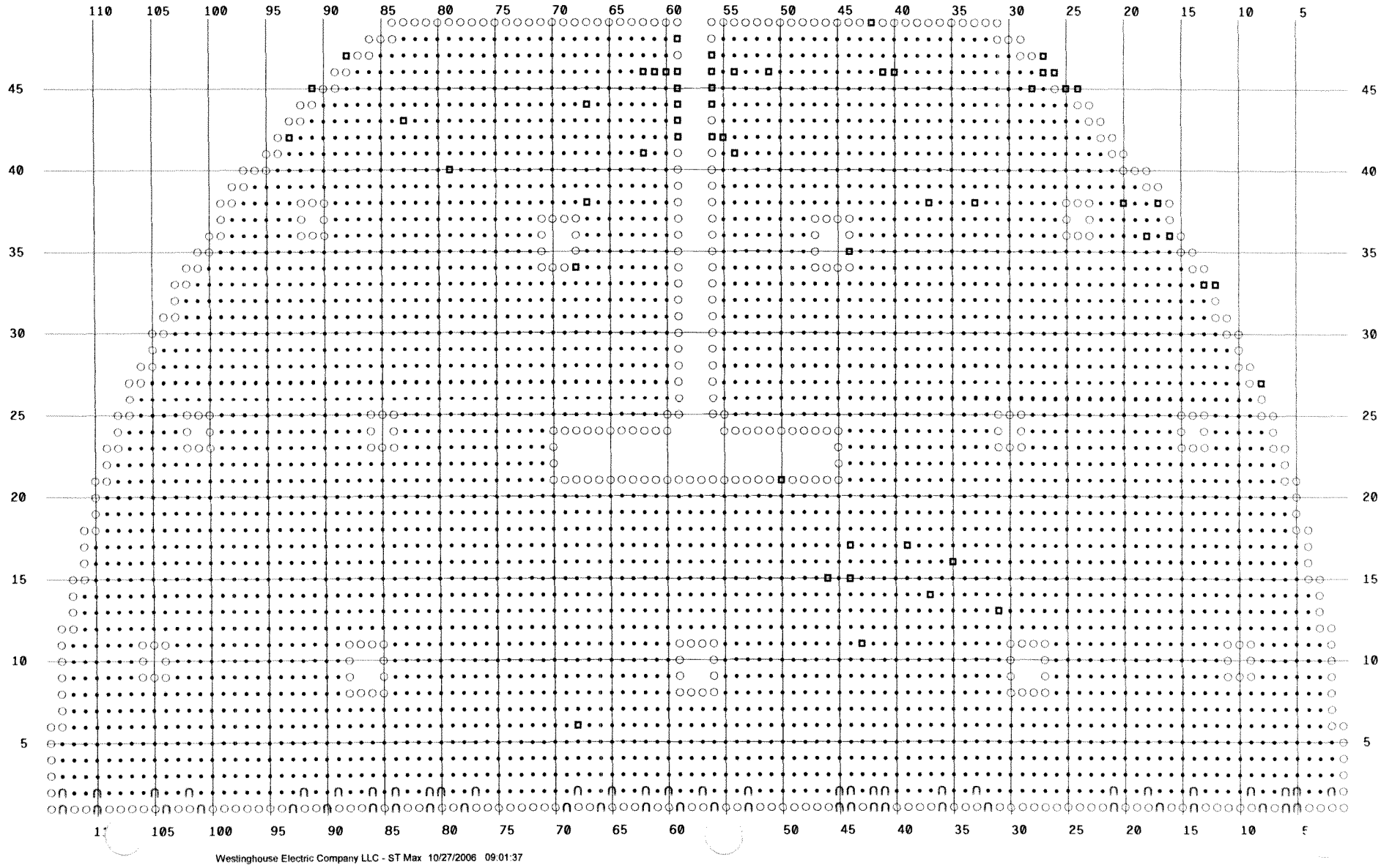
SG - C HOT LEG LOW ROW U-BEND +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

○ 58 TESTED 11H THROUGH 11C

□ 56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 09:01:37

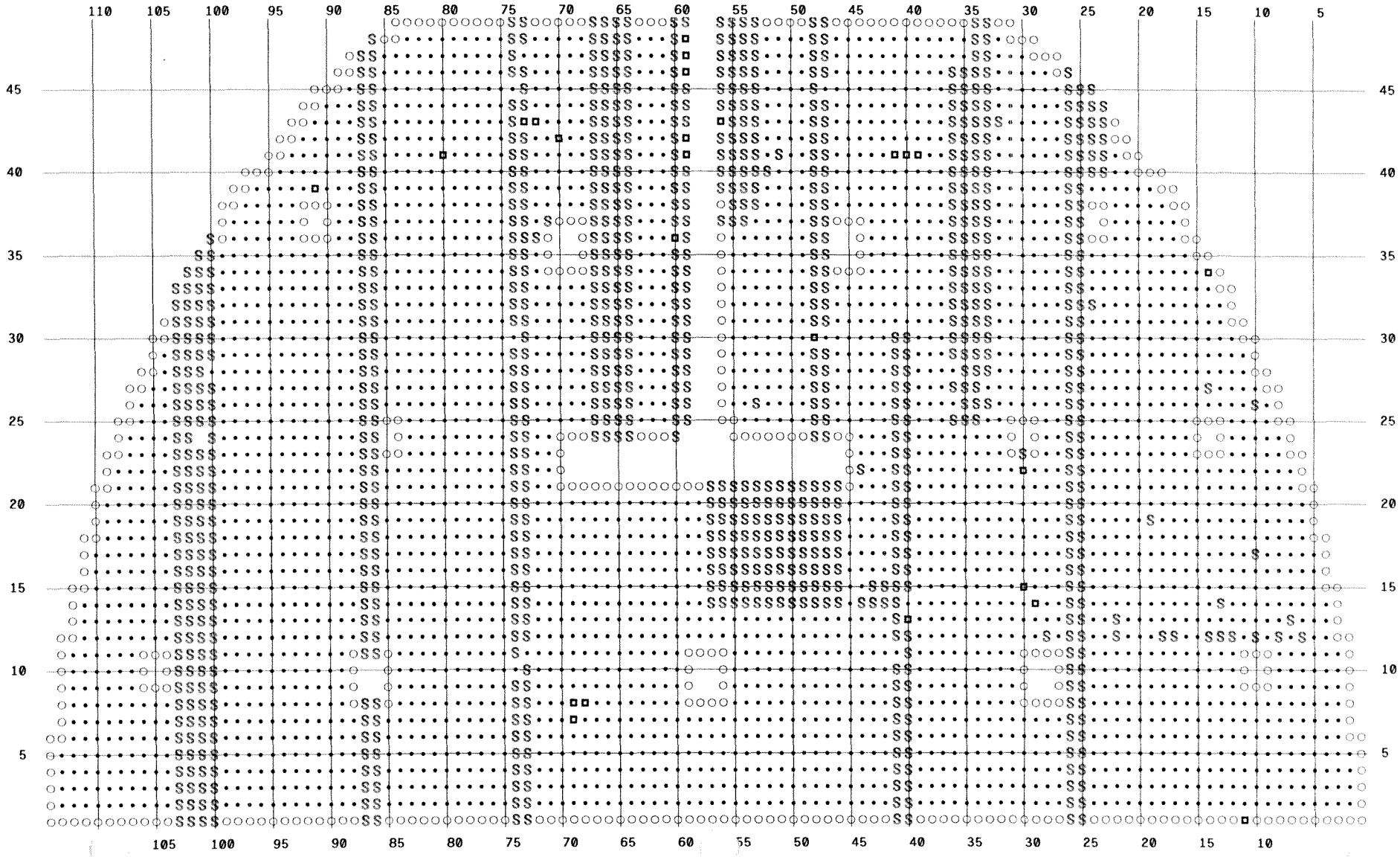
SG - D HOT LEG TOP OF TUBESHEET +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

S 942 TESTED TSH -17 THROUGH +3 INCHES

▫ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 13:59:14

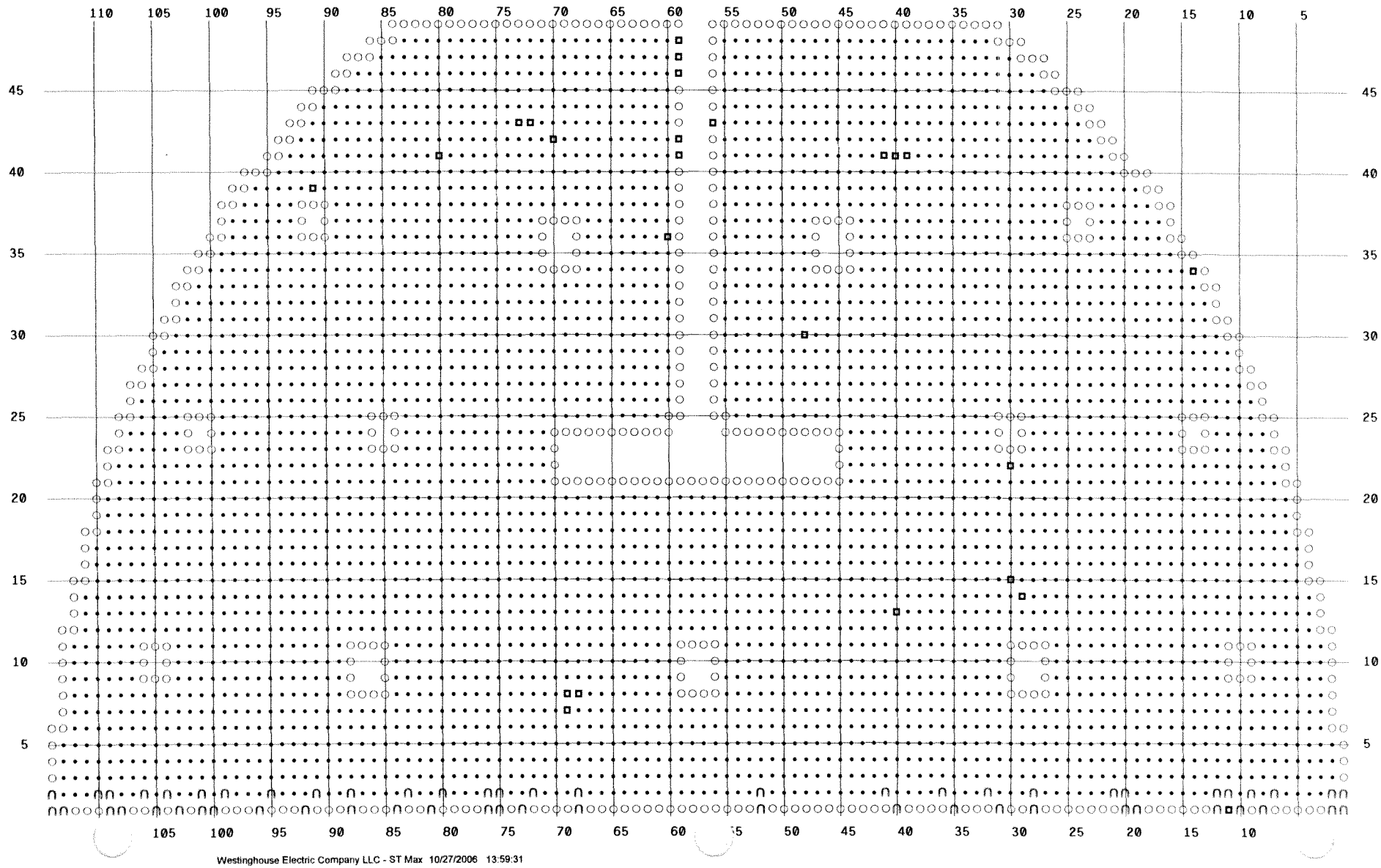
SG - D HOT LEG LOW ROW U-BEND +POINT INSPECTION

AS TESTED

Braidwood A2R12 CDE D5

○ 58 TESTED 11H THROUGH 11C

□ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 13:59:31

SG - D COLD LEG TUBES EXPANDED AT B & D BAFFLE AND FLOW BUSTER +POINT INSPECTION

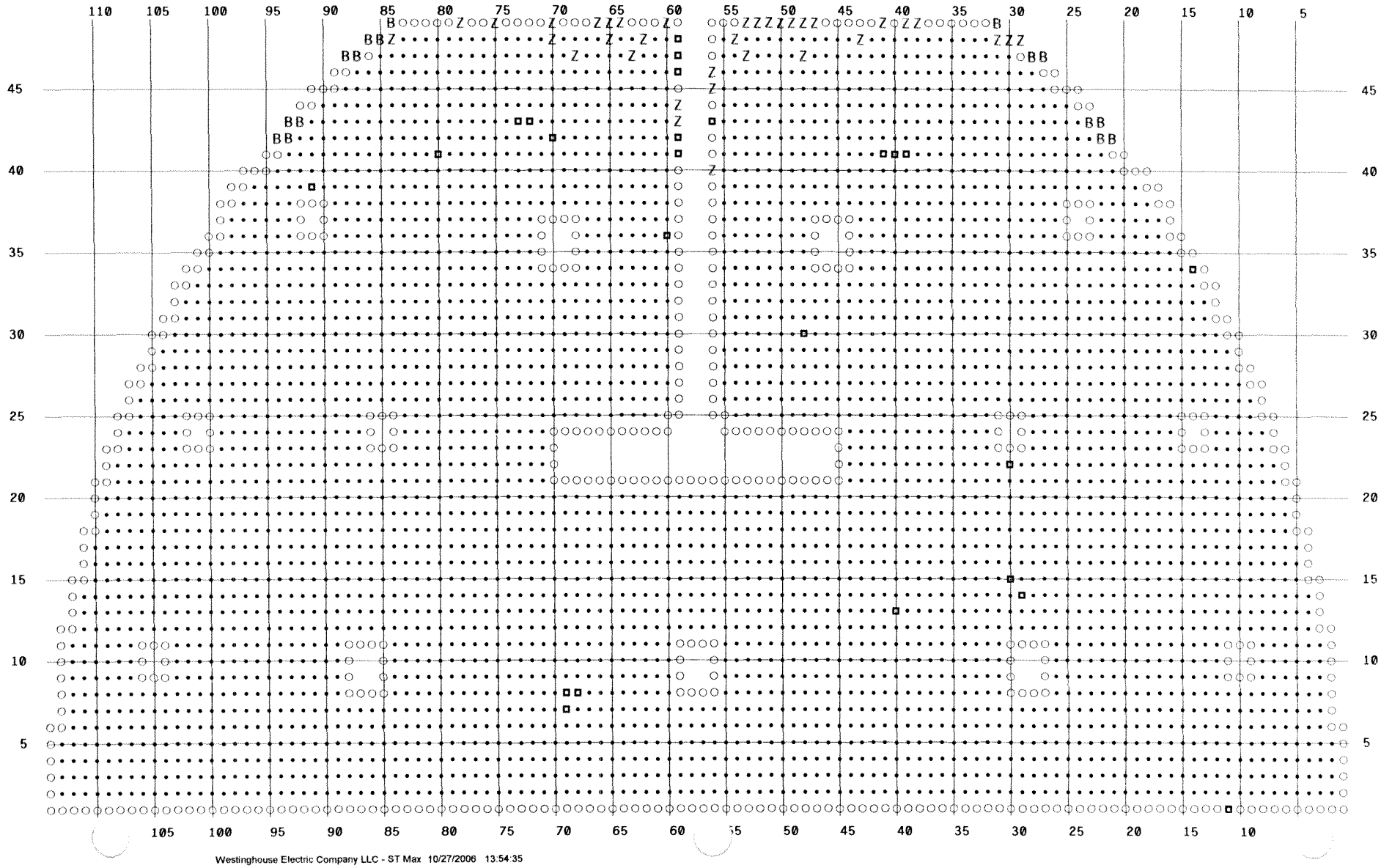
AS TESTED

Braidwood A2R12 CDE D5

Z 35 TESTED AT 03C AND 02C -/+ 3 INCHES

B 16 TESTED AT 02C -/+ 3 INCHES

□ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 13:54:35

Attachment B.3

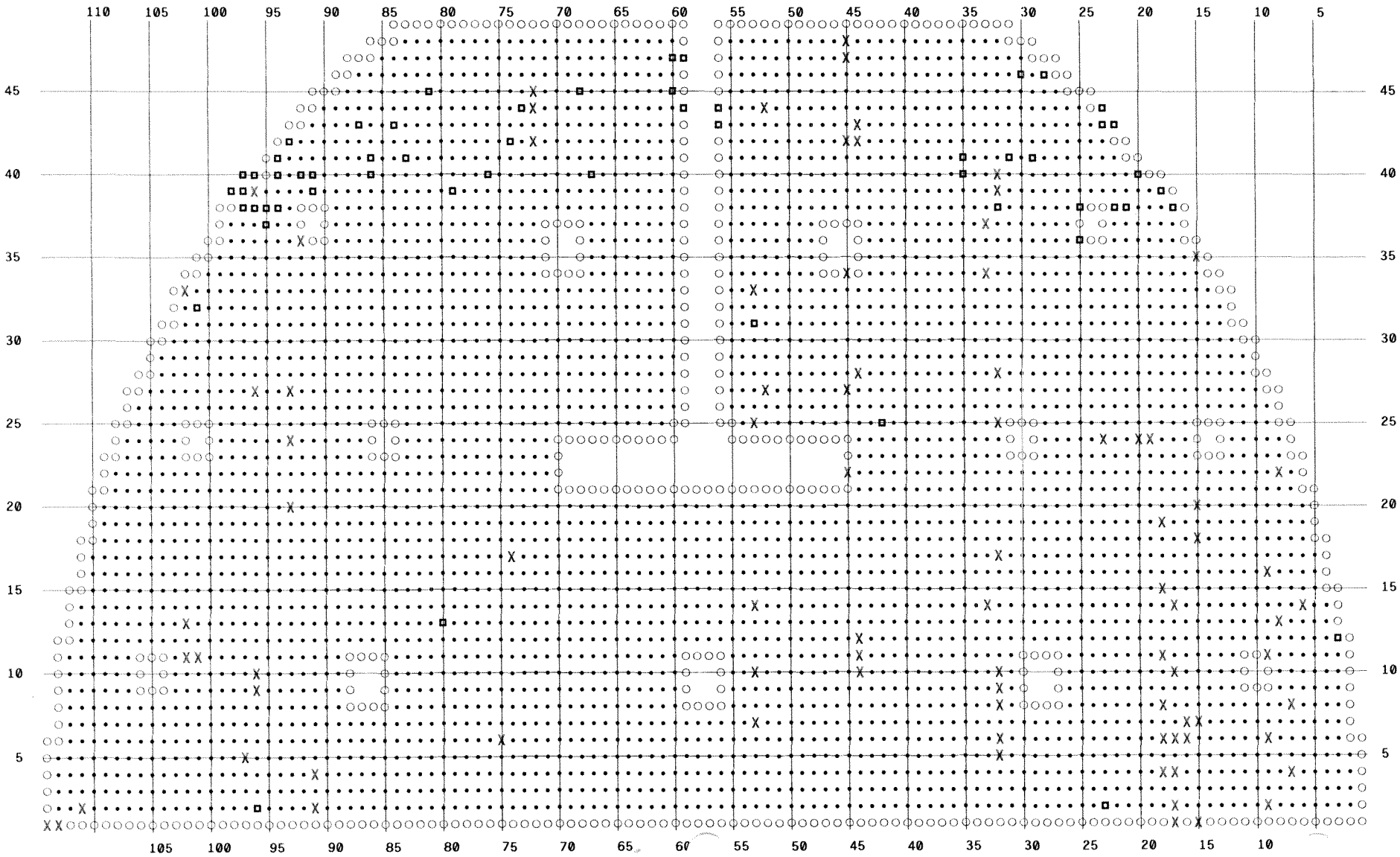
As-tested +Point™ Special Interest Inspection Maps

SG - A SPECIAL INTEREST +POINT INSPECTIONS

Braidwood A2R12 CDE D5

X 86 TUBE TESTED FOR SPECIAL INTEREST WITH +POINT PROBE - SEE LIST FOR LOCATION(S) TESTED

▫ 57 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 11:03:19

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
41	20			NDD										02C	02C	.610	ZPSNM	8	C
41	20			NDD										TEC	TEH	.610	ZBAZC	39	H
40	21			NDD										02C	02C	.610	ZPSNM	8	C
40	21			NDD										TEC	TEH	.610	SBACC	37	H
41	21			NDD										02C	02C	.610	ZPSNM	8	C
41	21			NDD										TEC	TEH	.610	SBACC	37	H
40	22			NDD										02C	02C	.610	ZPSNM	8	C
40	22			NDD										TEC	TEH	.610	ZBAZC	31	H
41	22			NDD										02C	02C	.610	ZPSNM	8	C
41	22			NDD										TEC	TEH	.610	ZBAZC	31	H
42	22	.11	87	VOL		2	02C	.65						02C	02C	.610	ZPSNM	2	C
42	22	.11	268	PCT	14	2	02C	.71			.16	.46	71	02C	02C	.610	ZPSNM	2	C
42	22	.11	91	VOL		2	02C	.65						02C	02C	.610	ZPSNM	8	C
42	22	3.27	74	MBM		6	06C	5.25						TEC	TEH	.610	ZBAZC	31	H
40	23			NDD										02C	02C	.610	ZPSNM	8	C
40	23			NDD										TEC	TEH	.610	SBACC	29	H
41	23			NDD										02C	02C	.610	ZPSNM	8	C
41	23			NDD										TEC	TEH	.610	SBACC	29	H
42	23			NDD										02C	02C	.610	ZPSNM	8	C
42	23			NDD										TEC	TEH	.610	SBACC	29	H
40	24			NDD										02C	02C	.610	ZPSNM	8	C
40	24	3.84	0	PCT	35	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
41	24			NDD										02C	02C	.610	ZPSNM	8	C
41	24	2.13	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
41	24	1.97	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
41	24	2.34	65	MBM		6	AV3	22.76						TEC	TEH	.610	ZBAZC	31	H
42	24			NDD										02C	02C	.610	ZPSNM	8	C
42	24			NDD										TEC	TEH	.610	ZBAZC	31	H
43	24			NDD										02C	02C	.610	ZPSNM	8	C
43	24	.76	145	DSS		P1	11H	-.13						TEC	TEH	.610	ZBAZC	31	H
43	24	2.82	174	DNT		P1	11H	.38						TEC	TEH	.610	ZBAZC	31	H
43	24	7.06	178	DNT		P1	11C	.46						TEC	TEH	.610	ZBAZC	31	H
44	24			NDD										02C	02C	.610	ZPSNM	8	C
44	24	2.31	69	MBM		6	03H	1.11						TEC	TEH	.610	ZBAZC	31	H
44	24	1.79	67	MBM		6	09C	35.16						TEC	TEH	.610	ZBAZC	31	H
44	24	1.36	77	MBM		6	07C	38.10						TEC	TEH	.610	ZBAZC	31	H
45	24			NDD										02C	02C	.610	ZPSNM	8	C
45	24			NDD										TEC	TEH	.610	SBACC	29	H
29	26	3.30	174	DNG		P1	10H	28.35						TEC	TEH	.610	ZBAZC	31	H
29	26	14.25	181	DNG		P1	10H	29.41						TEC	TEH	.610	ZBAZC	31	H
29	26			NDF		2	10H	29.42						10H	11H	.610	ZPSNM	83	H
8	36	6.22	187	DNG		P1	10H	19.35						TEC	TEH	.610	ZBAZC	15	H
8	36			NDF		2	10H	19.49						10H	11H	.610	ZPSNM	83	H
24	40	1.95	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	15	H
24	40	1.81	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	15	H
24	40	.89	48	MBM		6	10C	16.54						TEC	TEH	.610	ZBAZC	15	H
24	40	2.60	70	MBM		6	10C	19.27						TEC	TEH	.610	ZBAZC	15	H
24	40	.39	116	VOL		P1	AV1	-.09						11H	AV2	.580	ZPUNM	99	H
24	40	.47	126	VOL		P1	AV2	.01						11H	AV2	.580	ZPUNM	99	H
2	54			NDD										11C	TEC	.610	SBACC	6	C
2	54			NDF		2	07H	10.60						07H	08H	.610	ZPSNM	83	H
2	54			NDF		2	07H	11.69						07H	08H	.610	ZPSNM	83	H
2	54			NDF		2	07H	18.10						07H	08H	.610	ZPSNM	83	H
2	54			NDF		2	07H	39.22						07H	08H	.610	ZPSNM	83	H
2	54			NDD										11H	11C	.580	ZPUM1	87	H
2	54	4.49	181	DNG		P1	07H	10.94						11C	TEH	.590	SBUCC	105	H
2	54	3.67	180	DNG		P1	07H	12.11						11C	TEH	.590	SBUCC	105	H
2	54	3.40	180	DNG		P1	07H	18.24						11C	TEH	.590	SBUCC	105	H
2	54	4.76	180	DNG		P1	07H	39.74						11C	TEH	.590	SBUCC	105	H
2	54	2.88	180	DNG		P1	08H	4.39						11C	TEH	.590	SBUCC	105	H
1	56	2.47	177	DNT		P1	07C	-.28						11C	TEC	.610	SBACC	4	C
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	56	3.73	175	DNT		P1	07C	.75						11C	TEC	.610	SBACC	4	C
1	56			NDF		2	07H	.69						07H	07H	.610	ZPSNM	83	H
1	56	4.19	177	DNT		P1	07H	.75						11C	TEH	.590	SBUCC	107	H
3	56			NDD										11C	TEC	.610	SBACC	4	C
3	56			NDF		2	07H	-.44						07H	07H	.610	ZPSNM	83	H
3	56			NDF		2	07H	.57						07H	07H	.610	ZPSNM	83	H
3	56	5.26	177	DNT		P1	07H	-.30						11C	TEH	.590	SBUCC	107	H
3	56	2.96	179	DNT		P1	07H	.75						11C	TEH	.590	SBUCC	107	H
17	56	2.40	166	DNG		P1	10H	32.84						TEC	TEH	.610	ZBAZC	39	H
17	56	16.07	178	DNG		P1	10H	33.94						TEC	TEH	.610	ZBAZC	39	H
17	56	.65	29	DFS		1	10H	36.44						TEC	TEH	.610	ZBAZC	39	H
17	56	4.49	176	DNG		P1	10C	33.88						TEC	TEH	.610	ZBAZC	39	H
17	56			NDF		2	10H	33.76						10H	11H	.610	ZPSNM	83	H
1	57			NDD										11C	TEC	.610	SBACC	4	C
1	57			NDF		2	03H	-.34						03H	03H	.610	ZPSNM	83	H
1	57			NDF		2	03H	.72						03H	03H	.610	ZPSNM	83	H
1	57			NDD										11H	11C	.580	ZPUM1	89	H
1	57	6.05	178	DNT		P1	03H	-.21						11C	TEH	.590	SBUCC	107	H
1	57	3.90	178	DNT		P1	03H	.75						11C	TEH	.590	SBUCC	107	H
1	57	2.22	176	DNT		P1	05H	.75						11C	TEH	.590	SBUCC	107	H
1	57	13.61	179	DNT		P1	07H	-.23						11C	TEH	.590	SBUCC	107	H
1	57	7.40	180	DNT		P1	07H	.75						11C	TEH	.590	SBUCC	107	H
3	57			NDD										11C	TEC	.610	SBACC	4	C
3	57			NDF		2	07H	-.48						07H	07H	.610	ZPSNM	83	H
3	57			NDF		2	07H	.59						07H	07H	.610	ZPSNM	83	H
3	57	6.96	178	DNT		P1	07H	-.33						11C	TEH	.590	SBUCC	107	H
3	57	3.92	178	DNT		P1	07H	.71						11C	TEH	.590	SBUCC	107	H
3	58			NDD										11C	TEC	.610	SBACC	4	C
3	58			NDF		2	07H	-.44						07H	07H	.610	ZPSNM	83	H
3	58			NDF		2	07H	.63						07H	07H	.610	ZPSNM	83	H
3	58	4.28	178	DNT		P1	07H	-.30						11C	TEH	.590	SBUCC	107	H
3	58	4.40	181	DNT		P1	07H	.74						11C	TEH	.590	SBUCC	107	H
33	67	10.08	180	DNG		P1	10H	41.66						TEC	TEH	.610	SBACC	21	H
33	67	.58	158	DFS		1	10C	39.93						TEC	TEH	.610	SBACC	21	H
33	67	2.20	172	DNG		P1	10C	41.06						TEC	TEH	.610	SBACC	21	H
33	67			NDF		2	11H	-1.42						11H	11H	.610	ZPSNM	83	H
10	68			NDD										TEC	TEH	.610	SBACC	91	H
10	68			NDD										05H	05H	.610	ZPSNM	119	H
11	68			NDD										TEC	TEH	.610	SBACC	91	H
11	68			NDD										05H	05H	.610	ZPSNM	119	H
12	68			NDD										TEC	TEH	.610	SBACC	91	H
12	68			NDD										05H	05H	.610	ZPSNM	119	H
13	68			NDD										TEC	TEH	.610	SBACC	91	H
13	68			NDD										05H	05H	.610	ZPSNM	119	H
14	68			NDD										TEC	TEH	.610	SBACC	91	H
14	68			NDD										05H	05H	.610	ZPSNM	119	H
10	69			NDD										TEC	TEH	.610	SBACC	93	H
10	69			NDD										05H	05H	.610	ZPSNM	119	H
11	69			NDD										TEC	TEH	.610	SBACC	93	H
11	69			NDD										05H	05H	.610	ZPSNM	119	H
12	69	1.22	62	MBM		6	09C	22.42						TEC	TEH	.610	SBACC	93	H
12	69			NDD										05H	05H	.610	ZPSNM	119	H
13	69			NDD										TEC	TEH	.610	SBACC	93	H
13	69			NDD										05H	05H	.610	ZPSNM	119	H
14	69			NDD										TEC	TEH	.610	SBACC	93	H
14	69			NDD										05H	05H	.610	ZPSNM	119	H
10	70			NDD										TEC	TEH	.610	SBACC	91	H
10	70			NDD										05H	05H	.610	ZPSNM	119	H
11	70	1.57	77	MBM		6	08H	39.49						TEC	TEH	.610	SBACC	91	H
11	70			NDD										05H	05H	.610	ZPSNM	119	H
12	70	.22	134	DSI		P1	05H	-.63						TEC	TEH	.610	SBACC	91	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
12	70	1.56	67	MBM		6	02C	6.68						TEC	TEH	.610	SBACC	91	H
12	70	.10	71	SVI		2	05H	-.73						05H	05H	.610	ZPSNM	117	H
12	70	.13	257	PCT	16	2	05H	-.77			.00	1.18	180	05H	05H	.610	ZPSNM	119	H
12	70	.13	73	PID		2	05H	-.62						05H	05H	.610	ZPSNM	119	H
13	70			NDD										TEC	TEH	.610	SBACC	91	H
13	70			NDD										05H	05H	.610	ZPSNM	119	H
14	70			NDD										TEC	TEH	.610	SBACC	91	H
14	70			NDD										05H	05H	.610	ZPSNM	119	H
10	71	1.75	187	INR		1	03H	17.41						TEC	TEH	.610	SBACC	93	H
10	71	1.83	186	INR		1	05H	10.48						TEC	TEH	.610	SBACC	93	H
10	71			NDD										05H	05H	.610	ZPSNM	119	H
11	71			NDD										TEC	TEH	.610	SBACC	93	H
11	71			NDD										05H	05H	.610	ZPSNM	119	H
12	71			NDD										TEC	TEH	.610	SBACC	93	H
12	71			NDD										05H	05H	.610	ZPSNM	119	H
13	71			NDD										TEC	TEH	.610	SBACC	93	H
13	71			NDD										05H	05H	.610	ZPSNM	119	H
14	71			NDD										TEC	TEH	.610	SBACC	55	H
14	71			NDD										05H	05H	.610	ZPSNM	119	H
33	71	5.38	179	DNG		P1	10H	40.45						TEC	TEH	.610	SBACC	21	H
33	71	3.69	177	DNG		P1	10H	40.77						TEC	TEH	.610	SBACC	21	H
33	71			NDD										TSH	TSH	.610	ZPSNM	69	H
33	71			NDF		2	11H	-2.57						11H	11H	.610	ZPSNM	83	H
43	71	2.95	172	DNT		P1	11H	.46						TEC	TEH	.610	SBACC	21	H
43	71	2.25	0	PCT	26	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
43	71	3.57	0	PCT	32	P2	AV2	.30						TEC	TEH	.610	SBACC	21	H
43	71	1.65	0	PCT	22	P2	AV3	-.05						TEC	TEH	.610	SBACC	21	H
43	71			NDD										TSH	TSH	.610	ZPSNM	71	H
43	71	.58	125	VOL		P1	AV1	-.01						11H	AV1	.580	ZPUNM	99	H
10	72			NDD										TEC	TEH	.610	SBACC	57	H
10	72			NDD										05H	05H	.610	ZPSNM	119	H
11	72			NDD										TEC	TEH	.610	SBACC	57	H
11	72			NDD										05H	05H	.610	ZPSNM	119	H
12	72			NDD										TEC	TEH	.610	SBACC	57	H
12	72			NDD										05H	05H	.610	ZPSNM	119	H
13	72			NDD										TEC	TEH	.610	SBACC	53	H
13	72			NDD										05H	05H	.610	ZPSNM	119	H
14	72			NDD										TEC	TEH	.610	SBACC	53	H
14	72			NDD										05H	05H	.610	ZPSNM	119	H
37	73	.86	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
37	73	3.12	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
37	73	1.34	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
37	73	1.30	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	SBACC	21	H
37	73	.39	139	VOL		P1	AV1	.01						11H	AV2	.580	ZPUNM	99	H
37	73	1.08	135	VOL		P1	AV2	.04						11H	AV2	.580	ZPUNM	99	H
48	73	1.38	71	MBM		6	03H	23.35						TEC	TEH	.610	ZBAZC	23	H
48	73	.48	79	DFS		1	05H	28.47						TEC	TEH	.610	ZBAZC	23	H
48	73	1.96	70	MBM		6	07H	8.80						TEC	TEH	.610	ZBAZC	23	H
48	73	3.10	80	MBM		6	07C	6.47						TEC	TEH	.610	ZBAZC	23	H
48	73			NDF		P1	05H	28.47						05H	07H	.610	ZPSNM	81	H
45	85	3.37	0	PCT	32	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
45	85	2.79	79	MBM		6	09C	5.16						TEC	TEH	.610	ZBAZC	43	H
45	85	.24	133	VOL		P1	AV1	-.01						11H	AV2	.580	ZPUNM	99	H
45	85	.66	128	VOL		P1	AV2	.06						11H	AV2	.580	ZPUNM	99	H
1	93			NDD										11C	TEC	.610	SBACC	6	C
1	93			NDF		2	07H	-.27						07H	07H	.610	ZPSNM	83	H
1	93			NDD										11H	11C	.580	ZPUM1	89	H
1	93	5.16	175	DNT		P1	07H	-.31						11C	TEH	.590	SBUCC	105	H
1	93	5.62	172	DNT		P1	07H	.74						11C	TEH	.590	SBUCC	105	H
1	95			NDD										11C	TEC	.610	SBACC	6	C
1	95			NDF		2	07H	-.24						07H	07H	.610	ZPSNM	83	H

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	95	5.15	177	DNT		P1	07H	-.30						11C	TEH	.590	SBUCC	105	H
1	95	7.05	176	DNT		P1	07H	.74						11C	TEH	.590	SBUCC	105	H
2	95			NDD										11C	TEC	.610	SBACC	4	C
2	95			NDF		2	07H	-.38						07H	07H	.610	ZPSNM	83	H
2	95			NDF		2	07H	.68						07H	07H	.610	ZPSNM	83	H
2	95	4.12	177	DNT		P1	07H	-.22						11C	TEH	.590	SBUCC	107	H
2	95	5.95	177	DNT		P1	07H	.75						11C	TEH	.590	SBUCC	107	H
28	103	.21	101	DSS		P1	01H	.16						TEC	TEH	.610	SBACC	51	H
28	103	.77	76	MBM		6	02C	7.81						TEC	TEH	.610	SBACC	51	H
28	103			NDF		2	01H	.16						01H	01H	.610	ZPSNM	81	H
23	105			NDF		2	05C	-.34						05C	05C	.610	ZPSNM	2	C
23	105	.30	114	DSS		P1	05C	-.34						TEC	TEH	.610	SBACC	51	H
23	105	2.32	75	MBM		6	04C	9.18						TEC	TEH	.610	SBACC	51	H
23	105			PBC										TEC	TEH	.610	SBACC	93	H
23	105	2.30	79	MBM		6	04C	9.05						TEC	TEH	.610	SBACC	93	H
23	105			PBC										TEC	TEH	.610	SBACC	97	H
23	105	.25	108	DSS		P1	05C	-.24						TEC	TEH	.610	SBACC	97	H
9	113	3.59	176	DNT		P1	10H	-.42						TEC	TEH	.610	SBACC	59	H
9	113	3.13	178	DNT		P1	10H	.51						TEC	TEH	.610	SBACC	59	H
9	113	6.84	181	DNT		P1	11H	-.51						TEC	TEH	.610	SBACC	59	H
9	113	3.61	177	DNT		P1	11H	.59						TEC	TEH	.610	SBACC	59	H
9	113	4.72	179	DNT		P1	11C	-.32						TEC	TEH	.610	SBACC	59	H
9	113	5.12	180	DNT		P1	11C	.65						TEC	TEH	.610	SBACC	59	H
9	113			NDF		2	10H	-.43						10H	10H	.610	ZPSNM	83	H
9	113			NDF		2	10H	.60						10H	10H	.610	ZPSNM	83	H
9	113			NDF		2	11H	-.41						11H	11H	.610	ZPSNM	83	H
9	113			NDF		2	11H	.54						11H	11H	.610	ZPSNM	83	H
10	113	1.42	72	MBM		6	07H	4.44						TEC	TEH	.610	SBACC	59	H
10	113	3.48	176	DNT		P1	10H	-.37						TEC	TEH	.610	SBACC	59	H
10	113	2.02	176	DNT		P1	10H	.59						TEC	TEH	.610	SBACC	59	H
10	113	4.64	178	DNT		P1	11H	-.51						TEC	TEH	.610	SBACC	59	H
10	113	3.87	179	DNT		P1	11C	-.32						TEC	TEH	.610	SBACC	59	H
10	113	3.89	177	DNT		P1	11C	.70						TEC	TEH	.610	SBACC	59	H
10	113	3.68	175	DNT		P1	10C	-.34						TEC	TEH	.610	SBACC	59	H
10	113			NDF		2	10H	-.30						10H	10H	.610	ZPSNM	83	H
10	113			NDF		2	11H	-.44						11H	11H	.610	ZPSNM	83	H
11	113	3.08	175	DNT		P1	10H	-.48						TEC	TEH	.610	SBACC	59	H
11	113	2.58	178	DNT		P1	10H	.53						TEC	TEH	.610	SBACC	59	H
11	113	6.67	179	DNT		P1	11H	-.51						TEC	TEH	.610	SBACC	59	H
11	113	6.40	180	DNT		P1	11C	-.37						TEC	TEH	.610	SBACC	59	H
11	113	5.05	178	DNT		P1	11C	.62						TEC	TEH	.610	SBACC	59	H
11	113			NDF		2	11H	-.41						11H	11H	.610	ZPSNM	83	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

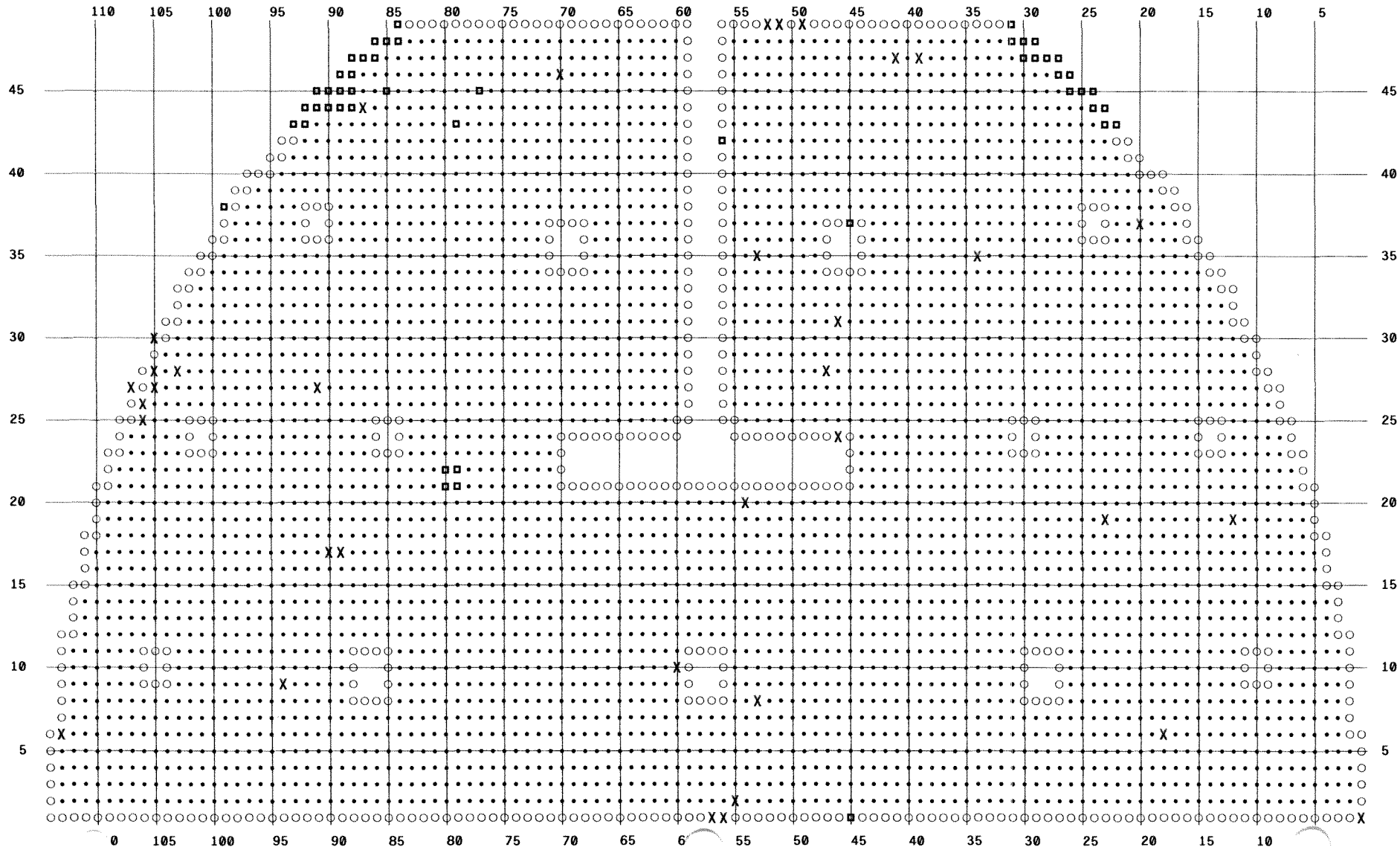
Tubes: 64 Records: 225

SG - B SPECIAL INTEREST +POINT INSPECTIONS

Braidwood A2R12 CDE D5

X 35 TUBE TESTED FOR SPECIAL INTEREST WITH +POINT PROBE - SEE LIST FOR LOCATION(S) TESTED

▫ 48 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 17:03:50

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	1			NDD										11C	TEC	.610	SBACC	8	C
1	1			NDD										11C	TEH	.610	ZBAZC	29	H
1	1			NDD										TEH	TEH	.610	ZPSNM	69	H
1	1			NDD										11H	11C	.580	ZPUM1	91	H
19	12	2.48	173	DNG		P1	10H	26.86						TEC	TEH	.610	ZBAZC	19	H
19	12			NDF		2	10H	26.84						10H	11H	.610	ZPSNM	83	H
6	18	2.85	175	DNG		P1	10H	35.97						TEC	TEH	.610	ZBAZC	23	H
6	18	8.29	178	DNG		P1	10H	37.26						TEC	TEH	.610	ZBAZC	23	H
6	18	1.90	179	INR		P1	10C	38.95						TEC	TEH	.610	ZBAZC	23	H
6	18			NDF		2	10H	35.92						10H	11H	.610	ZPSNM	79	H
6	18			NDF		2	10H	36.99						10H	11H	.610	ZPSNM	79	H
37	20	2.05	181	INR		P1	05H	33.67						TEC	TEH	.610	ZBAZC	15	H
37	20	2.00	183	INR		P1	07H	16.21						TEC	TEH	.610	ZBAZC	15	H
37	20	2.39	181	INR		P1	07H	22.37						TEC	TEH	.610	ZBAZC	15	H
37	20	2.10	182	INR		P1	07H	28.56						TEC	TEH	.610	ZBAZC	15	H
37	20	2.16	182	INR		P1	07H	34.61						TEC	TEH	.610	ZBAZC	15	H
37	20	1.98	182	INR		P1	08H	3.97						TEC	TEH	.610	ZBAZC	15	H
37	20	2.59	183	INR		P1	08H	10.17						TEC	TEH	.610	ZBAZC	15	H
37	20	2.14	184	INR		P1	08H	16.42						TEC	TEH	.610	ZBAZC	15	H
37	20	2.70	182	INR		P1	08H	22.53						TEC	TEH	.610	ZBAZC	15	H
37	20	2.32	182	INR		P1	08H	28.70						TEC	TEH	.610	ZBAZC	15	H
37	20	2.34	182	INR		P1	08H	34.87						TEC	TEH	.610	ZBAZC	15	H
37	20	2.58	183	INR		P1	08H	41.01						TEC	TEH	.610	ZBAZC	15	H
37	20	2.48	182	INR		P1	09H	4.19						TEC	TEH	.610	ZBAZC	15	H
37	20	2.57	182	INR		P1	09H	10.37						TEC	TEH	.610	ZBAZC	15	H
37	20	2.24	185	INR		P1	09H	16.47						TEC	TEH	.610	ZBAZC	15	H
37	20	2.63	184	INR		P1	09H	22.82						TEC	TEH	.610	ZBAZC	15	H
37	20	2.25	183	INR		P1	09H	28.94						TEC	TEH	.610	ZBAZC	15	H
37	20	2.70	183	INR		P1	09H	35.18						TEC	TEH	.610	ZBAZC	15	H
37	20	2.43	183	INR		P1	09H	41.28						TEC	TEH	.610	ZBAZC	15	H
37	20	2.36	183	INR		P1	10H	4.33						TEC	TEH	.610	ZBAZC	15	H
37	20			NDF		2	08H	22.78						08H	10H	.610	ZPSNM	83	H
37	20			NDF		2	09H	22.73						08H	10H	.610	ZPSNM	83	H
37	20			NDF		2	09H	35.05						08H	10H	.610	ZPSNM	83	H
19	23	6.57	183	DNT		P1	11H	-.68						TEC	TEH	.610	ZBAZC	13	H
19	23			NDD										TSH	TSH	.610	ZPSNM	67	H
19	23			NDF		2	11H	-.44						11H	11H	.610	ZPSNM	79	H
35	34	3.40	183	DNG		P1	05H	19.51						TEC	TEH	.610	ZBAZC	11	H
35	34	2.76	182	DNG		P1	05H	26.66						TEC	TEH	.610	ZBAZC	11	H
35	34	2.73	183	DNG		P1	05H	33.78						TEC	TEH	.610	ZBAZC	11	H
35	34			NDD										TSH	TSH	.610	ZPSNM	65	H
35	34			NDF		2	05H	19.69						05H	07H	.610	ZPSNM	79	H
35	34			NDF		2	05H	26.75						05H	07H	.610	ZPSNM	79	H
35	34			NDF		2	05H	33.78						05H	07H	.610	ZPSNM	79	H
47	39	.17	99	VOL		2	03C	-.34						03C	03C	.610	ZPSNM	2	C
47	39	.79	0	RWS		P2	03C	.00						TEC	TEH	.610	ZBAZC	5	H
47	39			PBC										TEC	TEH	.610	SBACC	99	H
47	39	.14	0	PCT	3	P5	03C	-.59						TEC	TEH	.610	SBACC	103	H
47	41	.10	123	VOL		2	03C	.30						03C	03C	.610	ZPSNM	2	C
47	41	.79	0	RWS		P2	03C	.22						TEC	TEH	.610	ZBAZC	5	H
47	41			NDD										TSH	TSH	.610	ZPSNM	73	H
47	41			PBC										TEC	TEH	.610	SBACC	99	H
47	41	.14	0	PCT	6	P2	03C	.26						TEC	TEH	.610	SBACC	103	H
24	46	.15	73	PLP		11	02C	.39						02C	02C	.610	ZPSNM	2	C
24	46			NDD										TEC	TEH	.610	ZBAZC	3	H
31	46	4.35	66	DTS		P4	TSH	.00						TEC	TEH	.610	ZBAZC	3	H
31	46			NDF		2	TSH	.00						TSH	TSH	.610	ZPSNM	79	H
28	47	5.08	184	DNG		P1	09H	7.90						TEC	TEH	.610	ZBAZC	27	H
28	47			NDF		2	09H	7.90						09H	10H	.610	ZPSNM	79	H
49	49	.30	79	VOL		2	05C	-.30						05C	05C	.610	ZPSNM	2	C
49	49	2.11	184	DNT		P1	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
49	49	3.27	185	DNT		P1	AV3	.03						TEC	TEH	.610	ZBAZC	25	H
49	49	.21	0	RWS		P2	05C	.00						TEC	TEH	.610	ZBAZC	25	H
49	49			PBC										TEC	TEH	.610	SBACC	101	H
49	49			PBC										TEC	TEH	.610	SBACC	103	H
49	49	.17	0	PCT	3	P5	05C	-.48						TEC	TEH	.610	SBACC	103	H
49	51	.20	86	VOL		2	TSC	.57						TSC	TSC	.610	ZPSNM	2	C
49	51	.19	74	PCT	21	2	TSC	.61			.30	.37	56	TSC	TSC	.610	ZPSNM	2	C
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
49	51	2.89	186	DNT		P1	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
49	51	1.46	80	INR		6	07C	3.44						TEC	TEH	.610	ZBAZC	25	H
49	51	.29	116	DFS		1	TSC	.66						TEC	TEH	.610	ZBAZC	25	H
49	52	.23	252	PCT	23	2	TSC	.44			.19	.42	64	TSC	TSC	.610	ZPSNM	2	C
49	52	.22	90	VOL		2	TSC	.49						TSC	TSC	.610	ZPSNM	2	C
49	52	.45	83	PCT	36	2	TSC	.96			.30	.55	84	TSC	TSC	.610	ZPSNM	2	C
49	52	.45	83	VOL		2	TSC	1.08						TSC	TSC	.610	ZPSNM	2	C
49	52	2.60	180	DNT		P1	AV2	-.02						TEC	TEH	.610	ZBAZC	27	H
49	52	2.78	180	DNT		P1	AV3	-.12						TEC	TEH	.610	ZBAZC	27	H
49	52	2.17	179	DNT		P1	AV4	-.06						TEC	TEH	.610	ZBAZC	27	H
49	52	.23	154	DFS		1	TSC	.50						TEC	TEH	.610	ZBAZC	27	H
49	52	.94	145	DFS		1	TSC	1.10						TEC	TEH	.610	ZBAZC	27	H
8	53	.17	81	PLP		11	02C	.33						02C	02C	.610	ZPSNM	2	C
8	53			NDD										TEC	TEH	.610	ZBAZC	3	H
35	53	1.91	181	INR		P1	08H	3.40						TEC	TEH	.610	ZBAZC	27	H
35	53	2.28	182	DNG		P1	08H	3.72						TEC	TEH	.610	ZBAZC	27	H
35	53			NDD										TSH	TSH	.610	ZPSNM	73	H
35	53			NDF		2	08H	3.73						08H	09H	.610	ZPSNM	79	H
20	54	3.19	187	DNG		P1	09H	11.45						TEC	TEH	.610	ZBAZC	1	H
20	54	1.95	191	INR		P1	TSC	1.42						TEC	TEH	.610	ZBAZC	1	H
20	54			NDF		2	09H	11.32						09H	10H	.610	ZPSNM	83	H
2	55			NDD										11C	TEC	.610	SBACC	10	C
2	55	3.01	178	DNT		P1	05H	-.24						11C	TEH	.610	ZBAZC	33	H
2	55	2.71	178	DNT		P1	05H	.75						11C	TEH	.610	ZBAZC	33	H
2	55			NDF		2	05H	.69						05H	05H	.610	ZPSNM	81	H
2	55			NDD										11H	11C	.580	ZPUM1	97	H
1	56			NDD										11C	TEC	.610	SBACC	12	C
1	56	3.90	177	DNT		P1	05H	-.20						11C	TEH	.610	ZBAZC	35	H
1	56	4.90	178	DNT		P1	05H	.75						11C	TEH	.610	ZBAZC	35	H
1	56	1.01	73	MBM		6	08H	4.66						11C	TEH	.610	ZBAZC	35	H
1	56			NDF		2	05H	.75						05H	05H	.610	ZPSNM	81	H
1	57			NDD										11C	TEC	.610	SBACC	12	C
1	57	5.88	177	DNT		P1	05H	-.20						11C	TEH	.610	ZBAZC	35	H
1	57	7.99	178	DNT		P1	05H	.73						11C	TEH	.610	ZBAZC	35	H
1	57			NDF		2	05H	-.22						05H	05H	.610	ZPSNM	81	H
1	57			NDF		2	05H	.72						05H	05H	.610	ZPSNM	81	H
1	57			NDD										11H	11C	.580	ZPUM1	95	H
10	60	.10	72	PLP		11	02C	.33						02C	02C	.610	ZPSNM	2	C
10	60			INF			02C	.53						TEC	TEH	.610	SBACC	101	H
46	70	2.61	176	DNG		P1	10H	32.09						TEC	TEH	.610	ZBAZC	39	H
46	70	1.96	167	INR		P1	11H	-.51						TEC	TEH	.610	ZBAZC	39	H
46	70	7.13	175	DNT		P1	11H	.52						TEC	TEH	.610	ZBAZC	39	H
46	70			NDD										TSH	TSH	.610	ZPSNM	71	H
46	70			NDF		2	10H	32.03						10H	11H	.610	ZPSNM	79	H
44	87	3.25	185	DNG		P1	08H	38.70						TEC	TEH	.610	SBACC	45	H
44	87	.66	145	DFS		1	10H	35.85						TEC	TEH	.610	SBACC	45	H
44	87	10.59	181	DNG		P1	05C	2.86						TEC	TEH	.610	SBACC	45	H
44	87	.74	147	DFS		1	02C	1.39						TEC	TEH	.610	SBACC	45	H
44	87			NDF		2	08H	38.54						08H	09H	.610	ZPSNM	79	H
17	89	.80	166	DFS		1	05H	25.28						TEC	TEH	.610	SBACC	63	H
17	89	5.60	173	DNG		P1	09H	23.44						TEC	TEH	.610	SBACC	63	H
17	89	4.05	86	MBM		6	AV1	23.16						TEC	TEH	.610	SBACC	63	H
17	89	4.29	46	MBM		6	AV4	4.47						TEC	TEH	.610	SBACC	63	H
17	89	3.11	91	MBM		6	AV4	13.91						TEC	TEH	.610	SBACC	63	H
17	89	2.28	169	DNG		P1	08C	15.08						TEC	TEH	.610	SBACC	63	H
17	89	7.48	172	DNG		P1	03C	12.07						TEC	TEH	.610	SBACC	63	H
17	89			NDF		2	09H	23.61						09H	10H	.610	ZPSNM	79	H
17	90	25.59	187	DNG		P1	05H	27.15						TEC	TEH	.610	SBACC	61	H
17	90	4.30	65	MBM		6	05H	28.05						TEC	TEH	.610	SBACC	61	H
17	90	.11	122	DFS		1	08C	15.51						TEC	TEH	.610	SBACC	61	H
17	90			NDF		2	05H	27.06						05H	07H	.610	ZPSNM	79	H
27	91	2.82	177	DNG		P1	10H	33.50						TEC	TEH	.610	SBACC	49	H
27	91	11.54	186	DNG		P1	10H	34.47						TEC	TEH	.610	SBACC	49	H
27	91	4.41	183	DNG		P1	AV4	21.38						TEC	TEH	.610	SBACC	49	H
27	91			NDF		2	10H	34.53						10H	11H	.610	ZPSNM	79	H
9	94			NDF		2	TSC	.00						TSC	TSC	.610	ZPSNM	2	C
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
9	94	6.70	49	DTS		P4	TSC	.00						TEC	TEH	.610	SBACC	61	H
9	94			NDD										TSH	TSH	.610	ZPSNM	77	H
28	103	.28	149	DFS		1	05H	22.12						TEC	TEH	.610	SBACC	53	H
28	103			NDD										TSH	TSH	.610	ZPSNM	77	H
28	103	.59	137	MBM		1	05H	22.10						05H	07H	.610	ZPSNM	117	H
27	105	4.82	176	DNT		P1	07H	-.49						TEC	TEH	.610	SBACC	53	H
27	105	2.96	177	DNT		P1	07H	.55						TEC	TEH	.610	SBACC	53	H
27	105			NDD										TSH	TSH	.610	ZPSNM	77	H
27	105			NDF		2	07H	-.49						07H	07H	.610	ZPSNM	117	H
27	105			NDF		2	07H	.55						07H	07H	.610	ZPSNM	117	H
28	105	3.74	175	DNT		P1	07H	-.49						TEC	TEH	.610	SBACC	53	H
28	105	2.92	177	DNT		P1	07H	.55						TEC	TEH	.610	SBACC	53	H
28	105			NDF		2	07H	.64						07H	07H	.610	ZPSNM	79	H
30	105	1.65	184	INR		P1	03H	-.05						TEC	TEH	.610	SBACC	55	H
30	105	3.88	173	DNT		P1	07H	-.51						TEC	TEH	.610	SBACC	55	H
30	105	4.34	179	DNT		P1	07H	.51						TEC	TEH	.610	SBACC	55	H
30	105			NDF		2	07H	-.42						07H	07H	.610	ZPSNM	81	H
25	106	3.36	173	DNT		P1	07H	-.51						TEC	TEH	.610	SBACC	55	H
25	106	3.30	179	DNT		P1	07H	.51						TEC	TEH	.610	SBACC	55	H
25	106			NDF		2	07H	-.39						07H	07H	.610	ZPSNM	79	H
25	106			NDF		2	07H	.66						07H	07H	.610	ZPSNM	79	H
26	106	3.63	173	DNT		P1	07H	-.49						TEC	TEH	.610	SBACC	55	H
26	106	3.41	179	DNT		P1	07H	.54						TEC	TEH	.610	SBACC	55	H
26	106			NDF		2	07H	-.42						07H	07H	.610	ZPSNM	79	H
26	106			NDF		2	07H	.61						07H	07H	.610	ZPSNM	79	H
27	107	4.50	173	DNT		P1	07H	-.49						TEC	TEH	.610	SBACC	55	H
27	107	2.91	178	DNT		P1	07H	.54						TEC	TEH	.610	SBACC	55	H
27	107	.81	64	DFS		3	11H	.89						TEC	TEH	.610	SBACC	55	H
27	107			NDF		2	07H	-.42						07H	07H	.610	ZPSNM	81	H
27	107			NDF		2	07H	.67						07H	07H	.610	ZPSNM	81	H
6	113	4.75	191	DNG		P1	08H	20.79						TEC	TEH	.610	SBACC	57	H
6	113	16.09	185	DNG		P1	11H	10.48						TEC	TEH	.610	SBACC	57	H
6	113			NDF		2	08H	20.79						08H	09H	.610	ZPSNM	79	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

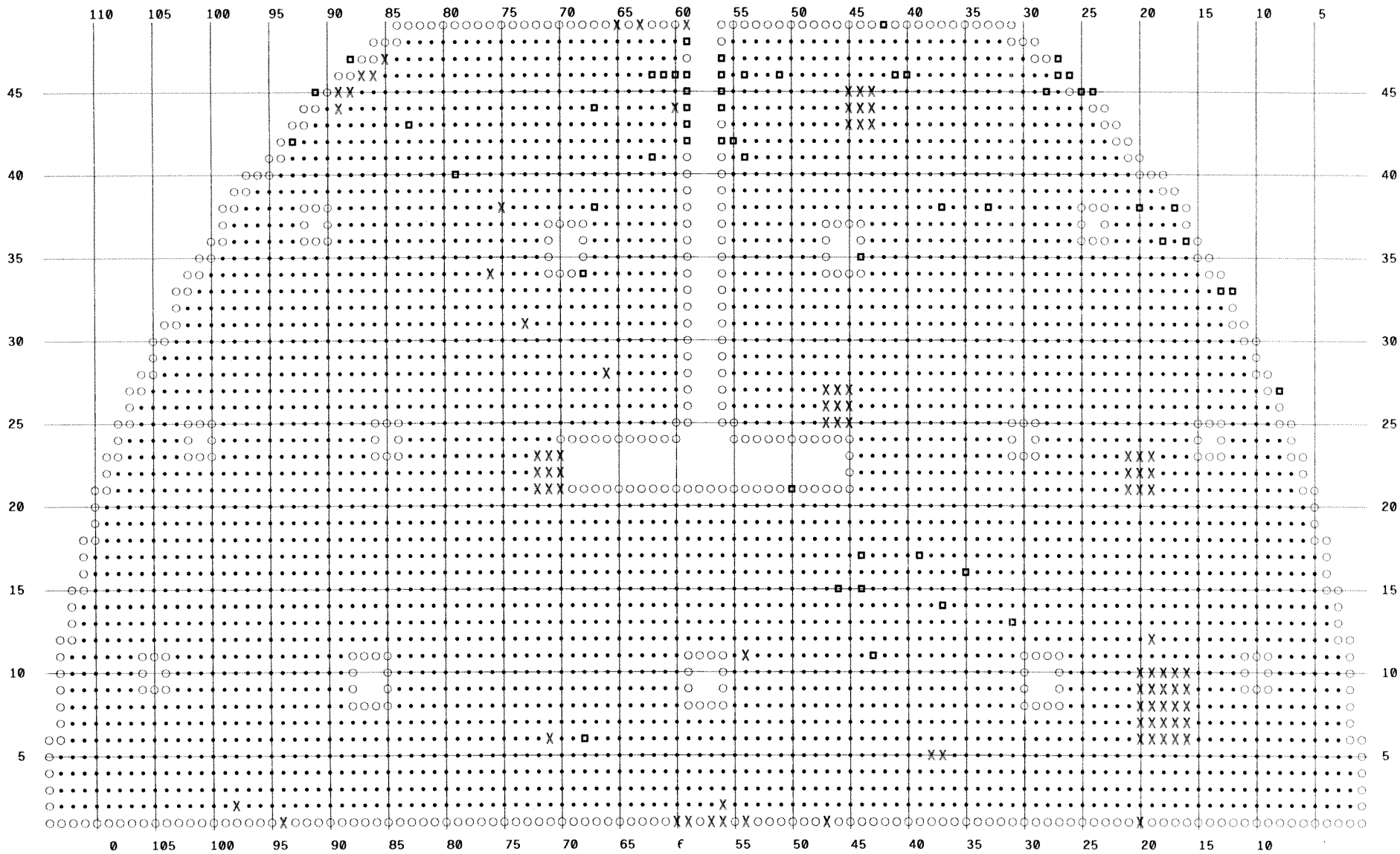
Tubes: 35 Records: 167

SG - C SPECIAL INTEREST +POINT INSPECTIONS

Braidwood A2R12 CDE D5

X 90 TUBE TESTED FOR SPECIAL INTEREST WITH +POINT PROBE - SEE LIST FOR LOCATION(S) TESTED

▫ 56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 09:35:06

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
6	16			NDD										TEC	TEH	.610	ZBAZC	13	H
6	16			NDD										07H	07H	.610	ZPSNM	101	H
7	16			NDD										TEC	TEH	.610	ZBAZC	15	H
7	16			NDD										07H	07H	.610	ZPSNM	101	H
8	16			NDD										TEC	TEH	.610	ZBAZC	13	H
8	16			NDD										07H	07H	.610	ZPSNM	101	H
9	16			NDD										TEC	TEH	.610	ZBAZC	19	H
9	16			NDD										07H	07H	.610	ZPSNM	101	H
10	16			NDD										TEC	TEH	.610	ZBAZC	17	H
10	16			NDD										07H	07H	.610	ZPSNM	101	H
6	17			NDD										TEC	TEH	.610	ZBAZC	13	H
6	17			NDD										07H	07H	.610	ZPSNM	101	H
7	17			NDD										TEC	TEH	.610	ZBAZC	15	H
7	17			NDD										07H	07H	.610	ZPSNM	101	H
8	17			NDD										TEC	TEH	.610	ZBAZC	13	H
8	17			NDD										07H	07H	.610	ZPSNM	101	H
9	17			NDD										TEC	TEH	.610	ZBAZC	19	H
9	17			NDD										07H	07H	.610	ZPSNM	101	H
10	17			NDD										TEC	TEH	.610	ZBAZC	17	H
10	17			NDD										07H	07H	.610	ZPSNM	101	H
6	18			NDD										TEC	TEH	.610	ZBAZC	13	H
6	18			NDD										07H	07H	.610	ZPSNM	101	H
7	18			NDD										TEC	TEH	.610	ZBAZC	15	H
7	18			NDD										07H	07H	.610	ZPSNM	101	H
8	18	.57	132	DSI		P1	07H	-.64						TEC	TEH	.610	ZBAZC	13	H
8	18	.14	108	PID		2	07H	-.74						07H	07H	.610	ZPSNM	85	H
8	18	.20	100	PCT	22	2	07H	-.81			.40	.47	72	07H	07H	.610	ZPSNM	101	H
8	18	.13	86	SVI		2	07H	-.74						07H	07H	.610	ZPSNM	101	H
9	18			NDD										TEC	TEH	.610	ZBAZC	19	H
9	18			NDD										07H	07H	.610	ZPSNM	101	H
10	18			NDD										TEC	TEH	.610	ZBAZC	17	H
10	18			NDD										07H	07H	.610	ZPSNM	101	H
6	19			NDD										TEC	TEH	.610	ZBAZC	13	H
6	19			NDD										07H	07H	.610	ZPSNM	101	H
7	19	5.81	172	DNG		P1	10C	32.41						TEC	TEH	.610	ZBAZC	15	H
7	19	11.20	179	DNG		P1	10C	33.45						TEC	TEH	.610	ZBAZC	15	H
7	19			NDD										07H	07H	.610	ZPSNM	101	H
8	19			NDD										TEC	TEH	.610	ZBAZC	13	H
8	19			NDD										07H	07H	.610	ZPSNM	101	H
9	19			NDD										TEC	TEH	.610	ZBAZC	19	H
9	19			NDD										07H	07H	.610	ZPSNM	101	H
10	19			NDD										TEC	TEH	.610	ZBAZC	17	H
10	19			NDD										07H	07H	.610	ZPSNM	101	H
12	19	2.44	173	DNG		P1	10H	7.81						TEC	TEH	.610	ZBAZC	17	H
12	19	6.90	179	DNG		P1	10H	8.89						TEC	TEH	.610	ZBAZC	17	H
12	19	3.51	179	DNG		P1	10H	9.28						TEC	TEH	.610	ZBAZC	17	H
12	19	3.94	177	DNG		P1	10H	9.92						TEC	TEH	.610	ZBAZC	17	H
12	19	2.85	177	DNG		P1	10H	10.94						TEC	TEH	.610	ZBAZC	17	H
12	19	2.26	178	DNG		P1	10H	26.86						TEC	TEH	.610	ZBAZC	17	H
12	19	2.38	179	DNG		P1	10H	28.53						TEC	TEH	.610	ZBAZC	17	H
12	19	2.78	179	DNG		P1	10H	32.03						TEC	TEH	.610	ZBAZC	17	H
12	19	3.66	175	DNG		P1	10H	35.36						TEC	TEH	.610	ZBAZC	17	H
12	19	.62	148	DFS		1	10C	8.45						TEC	TEH	.610	ZBAZC	17	H
12	19	.68	143	DFS		1	10C	8.73						TEC	TEH	.610	ZBAZC	17	H
12	19	2.28	166	DNG		P1	10C	9.49						TEC	TEH	.610	ZBAZC	17	H
12	19	4.51	175	DNG		P1	10C	33.06						TEC	TEH	.610	ZBAZC	17	H
12	19			NDF		2	10H	9.01						10H	11H	.610	ZPSNM	85	H
12	19			NDF		2	10H	9.49						10H	11H	.610	ZPSNM	85	H
12	19			NDF		2	10H	9.91						10H	11H	.610	ZPSNM	85	H
12	19			NDF		2	10H	11.06						10H	11H	.610	ZPSNM	85	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
12	19			NDF		2	10H	32.08						10H	11H	.610	ZPSNM	85	H
12	19			NDF		2	10H	36.00						10H	11H	.610	ZPSNM	85	H
21	19			NDD										02C	02C	.610	ZPSNM	4	C
21	19			NDD										TEC	TEH	.610	ZBAZC	19	H
22	19			NDD										02C	02C	.610	ZPSNM	4	C
22	19			NDD										TEC	TEH	.610	ZBAZC	17	H
23	19			NDD										02C	02C	.610	ZPSNM	4	C
23	19			NDD										TEC	TEH	.610	ZBAZC	23	H
1	20	2.68	172	DNT		P1	07C	-.64						11C	TEC	.610	TBATC	12	C
1	20	3.86	180	DNT		P1	03H	-.29						11C	TEH	.610	ZBAZC	29	H
1	20	6.90	179	DNT		P1	03H	.75						11C	TEH	.610	ZBAZC	29	H
1	20	2.29	179	DNT		P1	05H	-.29						11C	TEH	.610	ZBAZC	29	H
1	20	4.15	177	DNT		P1	05H	.75						11C	TEH	.610	ZBAZC	29	H
1	20			RBD										11C	TEH	.610	ZBAZC	31	H
1	20			NDF		2	03H	-.58						03H	03H	.610	ZPSNM	83	H
1	20			NDF		2	05H	.46						05H	05H	.610	ZPSNM	83	H
6	20	1.88	77	MBM		6	01H	4.47						TEC	TEH	.610	ZBAZC	13	H
6	20	1.69	83	MBM		6	07H	10.81						TEC	TEH	.610	ZBAZC	13	H
6	20	1.94	82	MBM		6	08H	20.17						TEC	TEH	.610	ZBAZC	13	H
6	20			NDD										07H	07H	.610	ZPSNM	101	H
7	20			NDD										TEC	TEH	.610	ZBAZC	15	H
7	20			NDD										07H	07H	.610	ZPSNM	101	H
8	20	.18	140	DFS		1	09H	4.27						TEC	TEH	.610	ZBAZC	13	H
8	20	1.98	86	MBM		6	09C	3.98						TEC	TEH	.610	ZBAZC	13	H
8	20			NDD										07H	07H	.610	ZPSNM	101	H
9	20			NDD										TEC	TEH	.610	ZBAZC	19	H
9	20			NDD										07H	07H	.610	ZPSNM	101	H
10	20			NDD										TEC	TEH	.610	ZBAZC	17	H
10	20			NDD										07H	07H	.610	ZPSNM	101	H
21	20			NDD										02C	02C	.610	ZPSNM	4	C
21	20			NDD										TEC	TEH	.610	ZBAZC	19	H
22	20			NDD										02C	02C	.610	ZPSNM	4	C
22	20			NDD										TEC	TEH	.610	ZBAZC	17	H
23	20			NDD										02C	02C	.610	ZPSNM	4	C
23	20			NDD										TEC	TEH	.610	ZBAZC	23	H
21	21			NDD										02C	02C	.610	ZPSNM	4	C
21	21			NDD										TEC	TEH	.610	ZBAZC	19	H
22	21			NDD										02C	02C	.610	ZPSNM	4	C
22	21			NDD										TEC	TEH	.610	ZBAZC	17	H
23	21			NDD										02C	02C	.610	ZPSNM	4	C
23	21			NDD										TEC	TEH	.610	ZBAZC	23	H
5	37			NDF		2	06C	.33						06C	06C	.610	ZPSNM	4	C
5	37	.27	123	DSS		P1	06C	.30						TEC	TEH	.610	ZBAZC	11	H
5	37	.32	148	DSS		P1	06C	.33						TEC	TEH	.610	SBACC	107	H
5	38			NDF		2	06C	.31						06C	06C	.610	ZPSNM	4	C
5	38			RBD										TEC	TEH	.610	ZBAZC	11	H
5	38			NDD										TEC	TEH	.610	SBACC	107	H
43	43			NDD										02C	02C	.610	ZPSNM	4	C
43	43			NDD										TEC	TEH	.610	ZBAZC	25	H
44	43			NDD										02C	02C	.610	ZPSNM	4	C
44	43			NDD										TEC	TEH	.610	ZBAZC	27	H
45	43			NDD										02C	02C	.610	ZPSNM	4	C
45	43			NDD										TEC	TEH	.610	ZBAZC	25	H
43	44			NDD										02C	02C	.610	ZPSNM	4	C
43	44	1.80	181	INR		P1	AV2	20.06						TEC	TEH	.610	ZBAZC	25	H
44	44			NDD										02C	02C	.610	ZPSNM	4	C
44	44			NDD										TEC	TEH	.610	ZBAZC	27	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
45	44			NDD										02C	02C	.610	ZPSNM	4	C
45	44	1.00	72	MBM		6	09H	1.60						TEC	TEH	.610	ZBAZC	25	H
25	45			NDD										02C	02C	.610	ZPSNM	4	C
25	45			NDD										TEC	TEH	.610	ZBAZC	7	H
26	45			NDD										02C	02C	.610	ZPSNM	4	C
26	45			NDD										TEC	TEH	.610	ZBAZC	33	H
27	45			NDD										02C	02C	.610	ZPSNM	4	C
27	45			NDD										TEC	TEH	.610	ZBAZC	33	H
43	45			NDD										02C	02C	.610	ZPSNM	4	C
43	45	2.27	184	DNG		P1	03H	21.08						TEC	TEH	.610	ZBAZC	25	H
43	45	1.86	182	INR		P1	AV2	21.13						TEC	TEH	.610	ZBAZC	25	H
44	45			NDD										02C	02C	.610	ZPSNM	4	C
44	45			NDD										TEC	TEH	.610	ZBAZC	27	H
45	45			NDD										02C	02C	.610	ZPSNM	4	C
45	45			NDD										TEC	TEH	.610	ZBAZC	25	H
25	46			NDD										02C	02C	.610	ZPSNM	4	C
25	46			NDD										TEC	TEH	.610	ZBAZC	5	H
26	46	.12	64	PLP		11	02C	.45						02C	02C	.610	ZPSNM	4	C
26	46	2.32	243	INR		6	04C	2.25						TEC	TEH	.610	ZBAZC	35	H
26	46	1.05	67	MBM		6	04C	5.21						TEC	TEH	.610	ZBAZC	35	H
27	46			NDD										02C	02C	.610	ZPSNM	4	C
27	46			NDD										TEC	TEH	.610	ZBAZC	35	H
1	47			NDD										11C	TEC	.610	TBATC	12	C
1	47	8.31	178	DNG		P1	09H	21.28						11C	TEH	.610	ZBAZC	29	H
1	47	2.41	52	MBM		6	10H	2.14						11C	TEH	.610	ZBAZC	29	H
1	47	2.52	76	MBM		6	10H	3.27						11C	TEH	.610	ZBAZC	29	H
1	47			NDF		2	09H	21.88						09H	10H	.610	ZPSNM	83	H
25	47			NDD										02C	02C	.610	ZPSNM	4	C
25	47			NDD										TEC	TEH	.610	ZBAZC	5	H
26	47			NDD										02C	02C	.610	ZPSNM	4	C
26	47			NDD										TEC	TEH	.610	ZBAZC	33	H
27	47			NDD										02C	02C	.610	ZPSNM	4	C
27	47	1.23	87	DFS		3	11H	.62						TEC	TEH	.610	ZBAZC	33	H
1	54			NDD										11C	TEC	.610	TBATC	10	C
1	54	3.85	176	DNT		P1	05H	-.31						11C	TEH	.610	ZBAZC	29	H
1	54	3.95	175	DNT		P1	05H	.73						11C	TEH	.610	ZBAZC	29	H
1	54			NDD										TSH	TSH	.610	ZPSNM	65	H
1	54			NDF		2	05H	-.39						05H	05H	.610	ZPSNM	81	H
1	54			NDF		2	05H	.70						05H	05H	.610	ZPSNM	81	H
11	54	2.43	185	DNG		P1	01H	9.24						TEC	TEH	.610	ZBAZC	5	H
11	54	2.23	183	DNG		P1	01H	12.63						TEC	TEH	.610	ZBAZC	5	H
11	54	2.51	184	DNG		P1	01H	17.21						TEC	TEH	.610	ZBAZC	5	H
11	54	2.51	186	DNG		P1	03H	10.07						TEC	TEH	.610	ZBAZC	5	H
11	54			INF			11H	9.32						TEC	TEH	.610	ZBAZC	5	H
11	54	2.67	183	DNG		P1	11H	10.64						TEC	TEH	.610	ZBAZC	5	H
11	54			NDF		2	TSH	-4.32						TSH	TSH	.610	ZPSNM	67	H
11	54			NDF		2	TSH	-4.10						TSH	TSH	.610	ZPSNM	67	H
11	54			NDF		2	01H	17.08						01H	03H	.610	ZPSNM	81	H
11	54			NDF		2	03H	10.07						03H	05H	.610	ZPSNM	121	H
1	56			NDD										11C	TEC	.610	TBATC	10	C
1	56	11.38	179	DNT		P1	05H	-.35						11C	TEH	.610	ZBAZC	29	H
1	56	17.69	178	DNT		P1	05H	.72						11C	TEH	.610	ZBAZC	29	H
1	56			NDD										TSH	TSH	.610	ZPSNM	65	H
1	56			NDF		2	05H	-.37						05H	05H	.610	ZPSNM	81	H
1	56			NDF		2	05H	.72						05H	05H	.610	ZPSNM	81	H
1	56			NDF		2	05H	-.37						05H	05H	.610	ZPSNM	85	H
1	56			NDF		2	05H	.72						05H	05H	.610	ZPSNM	85	H
1	56			NDD										11H	11C	.580	ZPUM1	97	H
2	56			NDD										11C	TEC	.610	TBATC	12	C
2	56	8.16	178	DNT		P1	05H	-.25						11C	TEH	.610	ZBAZC	31	H
2	56	7.17	176	DNT		P1	05H	.75						11C	TEH	.610	ZBAZC	31	H
2	56			NDD										TSH	TSH	.610	ZPSNM	67	H
2	56			NDF		2	05H	-.18						05H	05H	.610	ZPSNM	83	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
2	56			NDF		2	05H	.73						05H	05H	.610	ZPSNM	83	H
1	57			NDD										11C	TEC	.610	TBATC	10	C
1	57	2.95	177	DNT		P1	05H	-.31						11C	TEH	.610	ZBAZC	29	H
1	57	6.86	177	DNT		P1	05H	.74						11C	TEH	.610	ZBAZC	29	H
1	57			NDD										TSH	TSH	.610	ZPSNM	65	H
1	57			NDF		2	05H	.76						05H	05H	.610	ZPSNM	85	H
1	59			NDD										11C	TEC	.610	TBATC	10	C
1	59			NDF		2	05H	-.30						05H	05H	.610	ZPSNM	85	H
1	59			NDF		2	05H	.75						05H	05H	.610	ZPSNM	85	H
1	59			NDD										11H	11C	.580	ZPUM1	97	H
1	59	2.17	175	DNT		P1	05H	-.32						11C	TEH	.590	SBUCC	117	H
1	59	4.89	175	DNT		P1	05H	.74						11C	TEH	.590	SBUCC	117	H
49	59			NDF		1	AV3	30.77						11C	AV3	.580	ZPUNM	2	C
49	59	.78	117	DFS		3	AV3	30.77						TEC	TEH	.610	ZBAZC	39	H
1	60			NDD										11C	TEC	.610	TBATC	10	C
1	60			NDF		2	05H	-.39						05H	05H	.610	ZPSNM	89	H
1	60			NDF		2	05H	.67						05H	05H	.610	ZPSNM	89	H
1	60	3.93	177	DNT		P1	05H	-.32						11C	TEH	.590	SBUCC	117	H
1	60	7.63	176	DNT		P1	05H	.74						11C	TEH	.590	SBUCC	117	H
44	60	1.42	97	VOL		1	AV3	.00						11C	AV3	.580	ZPUNM	2	C
44	60	4.97	0	PCT	40	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
44	60	6.92	0	PCT	46	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
44	60	.28	130	VOL		1	AV1	.00						11H	AV2	.580	ZPUNM	103	H
44	60	1.31	107	VOL		1	AV2	.00						11H	AV2	.580	ZPUNM	103	H
44	60	4.63	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	107	H
44	60	6.34	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	107	H
49	63	2.11	92	VOL		2	07C	.00						07C	07C	.610	ZPSNM	8	C
49	63	2.53	178	DNT		P1	AV3	-.05						TEC	TEH	.610	ZBAZC	39	H
49	63	4.15	178	DNT		P1	AV4	-.03						TEC	TEH	.610	ZBAZC	39	H
49	63	8.91	0	RWS		P2	07C	-.22						TEC	TEH	.610	ZBAZC	39	H
49	63			PBC			AV3	-.05						TEC	TEH	.610	SBACC	109	H
49	63			PBC			AV4	-.03						TEC	TEH	.610	SBACC	109	H
49	63	2.75	0	PCT	46	P5	07C	-.22						TEC	TEH	.610	SBACC	109	H
49	63	2.74	0	PID		P5	07C	-.22						TEC	TEH	.610	SBACC	109	H
49	65	1.10	106	VOL		2	07C	-.45						07C	07C	.610	ZPSNM	8	C
49	65	3.59	178	DNT		P1	AV4	.03						TEC	TEH	.610	ZBAZC	39	H
49	65	3.47	0	RWS		P2	07C	-.11						TEC	TEH	.610	ZBAZC	39	H
49	65			NDF		2	TSH	-14.73						TSH	TSH	.610	ZPSNM	69	H
49	65			PBC			AV4	.03						TEC	TEH	.610	SBACC	109	H
49	65	1.04	0	PCT	27	P5	07C	-.25						TEC	TEH	.610	SBACC	109	H
28	66	.30	61	DSS		P1	01H	.22						TEC	TEH	.610	ZBAZC	43	H
28	66			NDD										TSH	TSH	.610	ZPSNM	71	H
28	66			NDF		2	01H	.22						01H	01H	.610	ZPSNM	81	H
21	70			NDD										02C	02C	.610	ZPSNM	8	C
21	70			NDD										TEC	TEH	.610	SBACC	53	H
22	70			NDD										02C	02C	.610	ZPSNM	8	C
22	70	.61	157	INR		1	02C	6.85						TEC	TEH	.610	SBACC	55	H
23	70			NDD										02C	02C	.610	ZPSNM	8	C
23	70			NDD										TEC	TEH	.610	SBACC	53	H
6	71	3.04	173	DNG		P1	TSH	3.97						TEC	TEH	.610	SBACC	109	H
6	71			NDF		2	TSH	3.97						TSH	01H	.610	ZPSNM	125	H
21	71			NDD										02C	02C	.610	ZPSNM	8	C
21	71			NDD										TEC	TEH	.610	SBACC	55	H
22	71			NDD										02C	02C	.610	ZPSNM	8	C
22	71			NDD										TEC	TEH	.610	SBACC	55	H
23	71			NDD										02C	02C	.610	ZPSNM	8	C
23	71			NDD										TEC	TEH	.610	SBACC	53	H
21	72			NDD										02C	02C	.610	ZPSNM	8	C
21	72			NDD										TEC	TEH	.610	SBACC	55	H
21	72			NDF		2	TSH	-17.03						TSH	TSH	.610	ZPSNM	69	H
22	72			NDD										02C	02C	.610	ZPSNM	8	C
22	72			NDD										TEC	TEH	.610	SBACC	55	H
22	72			NDD										TSH	TSH	.610	ZPSNM	69	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
23	72			NDD										02C	02C	.610	ZPSNM	8	C
23	72	.38	137	DFS		1	03H	4.65						TEC	TEH	.610	SBACC	53	H
23	72	.32	124	DFS		1	10H	24.60						TEC	TEH	.610	SBACC	53	H
23	72	1.20	152	DFS		1	07C	15.36						TEC	TEH	.610	SBACC	53	H
23	72			NDD										TSH	TSH	.610	ZPSNM	69	H
31	73	.71	95	MBM		1	02C	-.78						02C	02C	.610	ZPSNM	8	C
31	73	.32	61	DSS		P1	02C	-.56						TEC	TEH	.610	ZBAZC	41	H
31	73	2.23	75	MBM		6	01C	8.74						TEC	TEH	.610	ZBAZC	41	H
31	73			NDD										TSH	TSH	.610	ZPSNM	71	H
31	73			PBC										TEC	TEH	.610	SBACC	107	H
38	75	.32	108	DSS		P1	01H	.00						TEC	TEH	.610	ZBAZC	41	H
38	75			NDF		2	01H	.00						01H	01H	.610	ZPSNM	81	H
34	76			NDF		2	02C	-.11						02C	02C	.610	ZPSNM	8	C
34	76	.22	104	DSS		P1	02C	-.13						TEC	TEH	.610	SBACC	45	H
34	76	.29	51	DSS		P1	02C	-.21						TEC	TEH	.610	SBACC	107	H
47	85	5.37	178	DNT		P1	05H	-.53						TEC	TEH	.610	SBACC	47	H
47	85	6.26	178	DNT		P1	05H	.56						TEC	TEH	.610	SBACC	47	H
47	85	3.04	177	DNT		P1	11H	-.44						TEC	TEH	.610	SBACC	47	H
47	85	4.79	181	DNT		P1	11H	.57						TEC	TEH	.610	SBACC	47	H
47	85	1.47	68	MBM		6	09C	30.24						TEC	TEH	.610	SBACC	47	H
47	85			NDD										TSH	TSH	.610	ZPSNM	79	H
47	85			NDF		2	05H	-.47						05H	05H	.610	ZPSNM	81	H
47	85			NDF		2	05H	.61						05H	05H	.610	ZPSNM	81	H
46	86	2.63	173	DNT		P1	05H	-.50						TEC	TEH	.610	SBACC	45	H
46	86	4.63	175	DNT		P1	05H	.58						TEC	TEH	.610	SBACC	45	H
46	86			NDD										TSH	TSH	.610	ZPSNM	77	H
46	86			NDF		2	05H	-.32						05H	05H	.610	ZPSNM	81	H
46	86			NDF		2	05H	.69						05H	05H	.610	ZPSNM	81	H
46	87	3.56	175	DNT		P1	05H	-.45						TEC	TEH	.610	SBACC	51	H
46	87	4.97	176	DNT		P1	05H	.64						TEC	TEH	.610	SBACC	51	H
46	87	.20	147	DFS		1	10H	28.27						TEC	TEH	.610	SBACC	51	H
46	87	2.61	199	DNG		P1	AV2	18.00						TEC	TEH	.610	SBACC	51	H
46	87			NDF		2	05H	-.47						05H	05H	.610	ZPSNM	81	H
46	87			NDF		2	05H	.64						05H	05H	.610	ZPSNM	81	H
45	88	2.54	174	DNT		P1	05H	-.44						TEC	TEH	.610	SBACC	49	H
45	88	5.16	175	DNT		P1	05H	.63						TEC	TEH	.610	SBACC	49	H
45	88	1.54	78	MBM		6	07H	4.25						TEC	TEH	.610	SBACC	49	H
45	88	3.97	69	MBM		6	AV2	6.81						TEC	TEH	.610	SBACC	49	H
45	88	2.42	75	MBM		6	03C	33.13						TEC	TEH	.610	SBACC	49	H
45	88			NDF		2	05H	-.32						05H	05H	.610	ZPSNM	81	H
45	88			NDF		2	05H	.75						05H	05H	.610	ZPSNM	81	H
44	89	4.38	179	DNT		P1	05H	-.47						TEC	TEH	.610	SBACC	51	H
44	89	4.35	178	DNT		P1	05H	.61						TEC	TEH	.610	SBACC	51	H
44	89			NDF		2	05H	-.47						05H	05H	.610	ZPSNM	81	H
44	89			NDF		2	05H	.58						05H	05H	.610	ZPSNM	81	H
45	89	4.57	178	DNT		P1	05H	-.45						TEC	TEH	.610	SBACC	51	H
45	89	4.59	178	DNT		P1	05H	.64						TEC	TEH	.610	SBACC	51	H
45	89	2.34	78	MBM		6	10H	32.85						TEC	TEH	.610	SBACC	51	H
45	89			NDF		2	05H	-.50						05H	05H	.610	ZPSNM	81	H
45	89			NDF		2	05H	.64						05H	05H	.610	ZPSNM	81	H
1	94			NDD										11C	TEC	.610	TBATC	12	C
1	94			NDF		2	05H	-.36						05H	05H	.610	ZPSNM	81	H
1	94			NDF		2	05H	.71						05H	05H	.610	ZPSNM	81	H
1	94			RBD										11C	TEH	.590	SBUCC	113	H
1	94	7.68	177	DNT		P1	05H	-.31						11C	TEH	.590	SBUCC	119	H
1	94	7.94	177	DNT		P1	05H	.75						11C	TEH	.590	SBUCC	119	H
2	98			NDD										11C	TEC	.610	TBATC	10	C
2	98			NDF		2	05H	-.38						05H	05H	.610	ZPSNM	81	H
2	98			NDF		2	05H	.73						05H	05H	.610	ZPSNM	81	H
2	98	4.47	176	DNT		P1	05H	-.33						11C	TEH	.590	SBUCC	111	H
2	98	2.81	177	DNT		P1	05H	.73						11C	TEH	.590	SBUCC	111	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

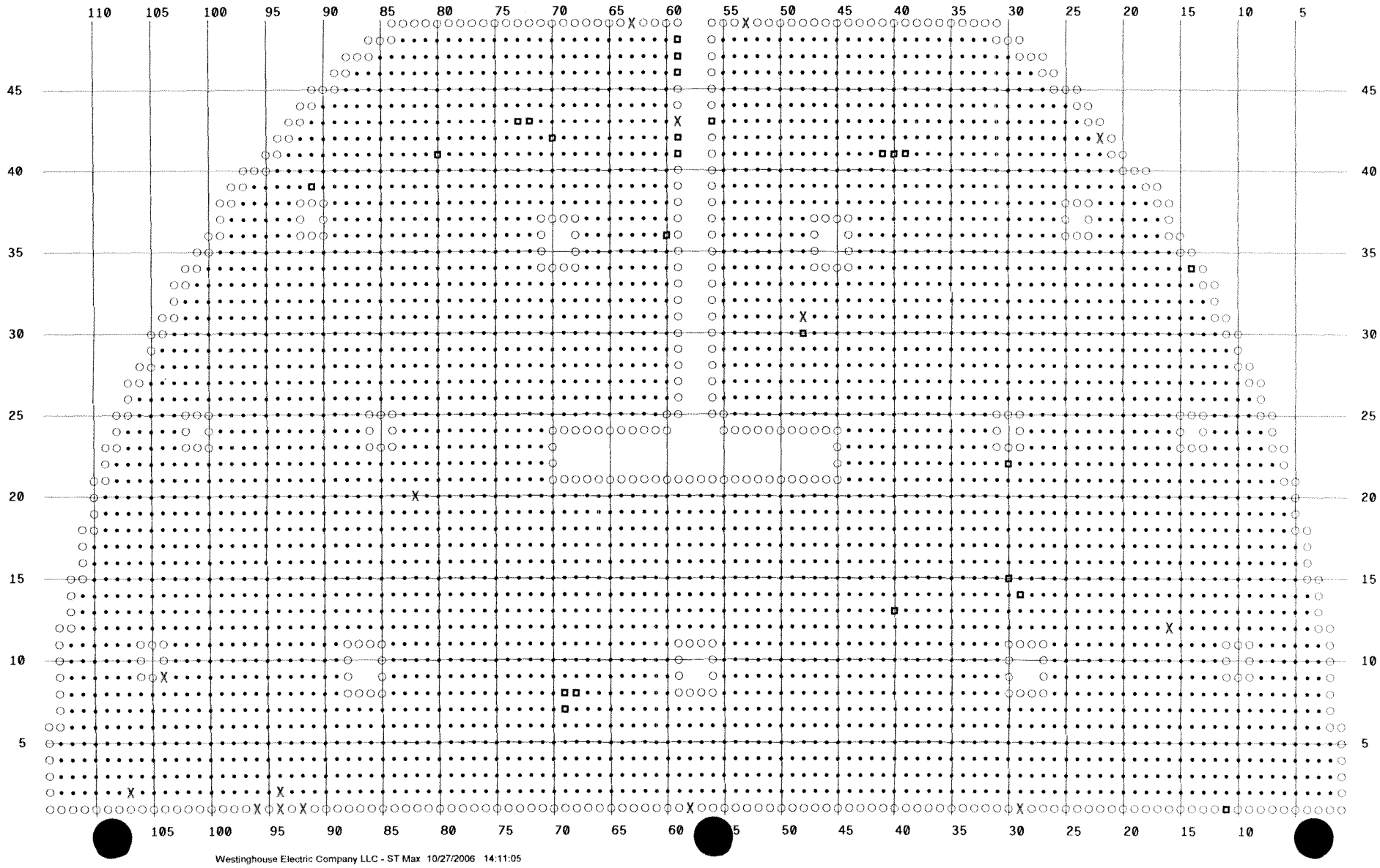
Tubes: 90 Records: 304

SG - D SPECIAL INTEREST +POINT INSPECTIONS

Braidwood A2R12 CDE D5

X 15 TUBE TESTED FOR SPECIAL INTEREST WITH +POINT PROBE - SEE LIST FOR LOCATION(S) TESTED

▫ 25 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 14:11:05

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
12	16	3.60	184	DNG		P1	TSH	1.30						TEC	TEH	.610	ZBAZC	13	H
12	16	3.19	185	DNG		P1	TSH	7.58						TEC	TEH	.610	ZBAZC	13	H
12	16	3.74	184	DNG		P1	01H	5.38						TEC	TEH	.610	ZBAZC	13	H
12	16	3.84	185	DNG		P1	01H	11.52						TEC	TEH	.610	ZBAZC	13	H
12	16	3.57	185	DNG		P1	01H	17.75						TEC	TEH	.610	ZBAZC	13	H
12	16	4.18	184	DNG		P1	01H	23.84						TEC	TEH	.610	ZBAZC	13	H
12	16	5.58	184	DNG		P1	03H	2.03						TEC	TEH	.610	ZBAZC	13	H
12	16	2.20	186	DNG		P1	03H	8.27						TEC	TEH	.610	ZBAZC	13	H
12	16	2.87	186	DNG		P1	03H	14.49						TEC	TEH	.610	ZBAZC	13	H
12	16	3.70	183	DNG		P1	03H	26.93						TEC	TEH	.610	ZBAZC	13	H
12	16	3.23	184	DNG		P1	03H	32.90						TEC	TEH	.610	ZBAZC	13	H
12	16	3.14	185	DNG		P1	05H	3.02						TEC	TEH	.610	ZBAZC	13	H
12	16	2.82	181	DNG		P1	05H	3.30						TEC	TEH	.610	ZBAZC	13	H
12	16			NDF		2	TSH	1.37						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	TSH	7.60						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	TSH	7.63						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	01H	5.29						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	01H	11.68						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	01H	17.71						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	01H	23.98						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	03H	14.59						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	03H	26.95						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	03H	33.09						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	05H	3.14						TSH	07H	.610	ZPSNM	81	H
12	16			NDF		2	05H	3.41						TSH	07H	.610	ZPSNM	81	H
42	22			NDD										02C	02C	.610	ZPSNM	10	C
42	22			NDF		2	07C	-.03						07C	07C	.610	ZPSNM	10	C
42	22	1.72	79	MBM		6	10H	5.36						TEC	TEH	.610	ZBAZC	23	H
42	22	1.57	81	MBM		6	10C	9.24						TEC	TEH	.610	ZBAZC	23	H
42	22	.35	29	DSS		P1	07C	-.03						TEC	TEH	.610	ZBAZC	23	H
42	22	1.78	74	MBM		6	07C	27.37						TEC	TEH	.610	ZBAZC	23	H
42	22	2.20	67	MBM		6	06C	16.56						TEC	TEH	.610	ZBAZC	23	H
42	22			PBC										TEC	TEH	.610	SBACC	109	H
1	29			NDD										11C	TEC	.610	SBACC	4	C
1	29			RBD										11C	TEH	.610	ZBAZC	17	H
1	29			NDF		2	07H	-.71						07H	07H	.610	ZPSNM	81	H
1	29	4.14	175	DNT		P1	07H	-.65						11C	TEH	.590	SBUCC	103	H
1	29	2.18	174	INR		P1	07H	.36						11C	TEH	.590	SBUCC	103	H
31	48	.20	95	DSS		P1	01H	.47						TEC	TEH	.610	ZBAZC	31	H
31	48			NDD										TSH	TSH	.610	ZPSNM	67	H
31	48	.15	99	VOL		2	01H	.42						01H	01H	.610	ZPSNM	83	H
31	48	.13	101	VOL		2	01H	.41						01H	01H	.610	ZPSNM	91	H
31	48	.14	244	PCT	19	2	01H	.43			.30	.44	68	01H	01H	.610	ZPSNM	91	H
49	53			NDD										02C	02C	.610	ZPSNM	10	C
49	53			NDD										03C	03C	.610	ZPSNM	10	C
49	53	.61	129	VOL		2	07C	-.34						07C	07C	.610	ZPSNM	10	C
49	53	5.30	181	DNT		P1	AV2	.05						TEC	TEH	.610	ZBAZC	29	H
49	53	5.36	182	DNT		P1	AV3	.16						TEC	TEH	.610	ZBAZC	29	H
49	53	1.83	0	RWS		P2	07C	.38						TEC	TEH	.610	ZBAZC	29	H
49	53			NDD										TSH	TSH	.610	ZPSNM	71	H
49	53			PBC			AV2	.05						TEC	TEH	.610	SBACC	97	H
49	53			PBC			AV3	.16						TEC	TEH	.610	SBACC	97	H
49	53	.46	0	PCT	17	P5	07C	.42						TEC	TEH	.610	SBACC	97	H
1	58	5.80	178	DNT		P1	03H	-.30						11C	TEH	.610	ZBAZC	3	H
1	58	6.70	178	DNT		P1	03H	.75						11C	TEH	.610	ZBAZC	3	H
1	58	2.48	175	DNT		P1	05H	.74						11C	TEH	.610	ZBAZC	3	H
1	58			NDD										11C	TEC	.610	SBACC	8	C
1	58			NDF		2	03H	-.24						03H	03H	.610	ZPSNM	81	H
1	58			NDF		2	03H	.75						03H	03H	.610	ZPSNM	81	H
43	59			NDD										02C	02C	.610	ZPSNM	12	C
43	59			NDD										03C	03C	.610	ZPSNM	12	C
43	59	.29	55	DSS		P1	01H	.17						TEC	TEH	.610	ZBAZC	33	H
43	59	1.87	185	INR		P1	01H	3.64						TEC	TEH	.610	ZBAZC	33	H
43	59			NDF		2	TSH	-3.45						TSH	TSH	.610	ZPSNM	63	H
43	59			NDF		2	01H	.17						01H	01H	.610	ZPSNM	77	H
49	63	.94	114	VOL		2	07C	.48						07C	07C	.610	ZPSNM	10	C
49	63	.48	0	PCT	10	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	33	H
49	63	3.31	0	RWS		P2	07C	.03						TEC	TEH	.610	ZBAZC	33	H
49	63			PBC			AV4	-.08						TEC	TEH	.610	SBACC	97	H
49	63	.92	0	PCT	27	P5	07C	.34						TEC	TEH	.610	SBACC	97	H
20	82	4.35	67	DTS		P4	TSH	-.14						TEC	TEH	.610	SBACC	49	H
20	82			NDF		2	TSH	-.14						TSH	TSH	.610	ZPSNM	77	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	92			NDD										11C	TEC	.610	SBACC	8	C
1	92			NDF		2	03H	-.29						03H	03H	.610	ZPSNM	79	H
1	92			NDF		2	03H	.73						03H	03H	.610	ZPSNM	79	H
1	92			NDF		2	05H	-.29						05H	05H	.610	ZPSNM	79	H
1	92			NDF		2	05H	.73						05H	05H	.610	ZPSNM	79	H
1	92			NDD										11H	11C	.580	ZPUM1	85	H
1	92	2.72	173	DNT		P1	03H	-.29						11C	TEH	.590	SBUCC	99	H
1	92	3.62	176	DNT		P1	03H	.75						11C	TEH	.590	SBUCC	99	H
1	92	2.37	172	DNT		P1	05H	-.29						11C	TEH	.590	SBUCC	99	H
1	92	3.39	174	DNT		P1	05H	.74						11C	TEH	.590	SBUCC	99	H
1	94			NDD										11C	TEC	.610	SBACC	8	C
1	94			NDF		2	03H	-.27						03H	03H	.610	ZPSNM	79	H
1	94			NDF		2	03H	.75						03H	03H	.610	ZPSNM	79	H
1	94			RBD										11C	TEH	.590	SBUCC	99	H
1	94	3.49	176	DNT		P1	03H	-.33						11C	TEH	.590	SBUCC	103	H
1	94	7.94	175	DNT		P1	03H	.73						11C	TEH	.590	SBUCC	103	H
1	94	1.68	175	INR		P1	05H	-.21						11C	TEH	.590	SBUCC	103	H
1	94	5.52	172	DNT		P1	05H	.75						11C	TEH	.590	SBUCC	103	H
2	94			NDD										11C	TEC	.610	SBACC	6	C
2	94			NDF		2	03H	-.35						03H	03H	.610	ZPSNM	77	H
2	94			NDF		2	05H	-.35						05H	05H	.610	ZPSNM	77	H
2	94			NDF		2	05H	.74						05H	05H	.610	ZPSNM	77	H
2	94	3.59	174	DNT		P1	03H	-.42						11C	TEH	.590	SBUCC	101	H
2	94	2.52	173	DNT		P1	03H	.65						11C	TEH	.590	SBUCC	101	H
2	94	1.21	92	MBM		6	03H	30.93						11C	TEH	.590	SBUCC	101	H
2	94	2.64	173	DNT		P1	05H	-.43						11C	TEH	.590	SBUCC	101	H
2	94	4.60	174	DNT		P1	05H	.67						11C	TEH	.590	SBUCC	101	H
1	96			NDD										11C	TEC	.610	SBACC	8	C
1	96			NDF		2	05H	.80						05H	05H	.610	ZPSNM	79	H
1	96			NDD										11H	11C	.580	ZPUM1	85	H
1	96	3.34	174	DNT		P1	03H	-.25						11C	TEH	.590	SBUCC	99	H
1	96	3.02	176	DNT		P1	03H	.75						11C	TEH	.590	SBUCC	99	H
1	96	2.37	174	DNT		P1	05H	-.26						11C	TEH	.590	SBUCC	99	H
1	96	4.46	175	DNG		P1	05H	.84						11C	TEH	.590	SBUCC	99	H
9	104			RBD										TEC	TEH	.610	SBACC	57	H
9	104	7.86	9	BLG		1	01H	1.71						TEC	TEH	.610	SBACC	95	H
9	104			NDF		2	01H	1.71						01H	01H	.610	ZPSNM	111	H
2	107			NDD										11C	TEC	.610	SBACC	8	C
2	107			NDF		2	01H	8.02						01H	03H	.610	ZPSNM	77	H
2	107	4.10	182	DNG		P1	01H	8.02						11C	TEH	.590	SBUCC	99	H
2	107	1.78	77	MBM		6	08H	5.66						11C	TEH	.590	SBUCC	99	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 15 Records: 113

Attachment B.4

Tubes Containing Secondary Side Foreign Wear

Braidwood Unit 2 Foreign Object Wear

All Steam Generators

Braidwood A2R12 CDE D5

W 1 SG-2A 05H, 16%

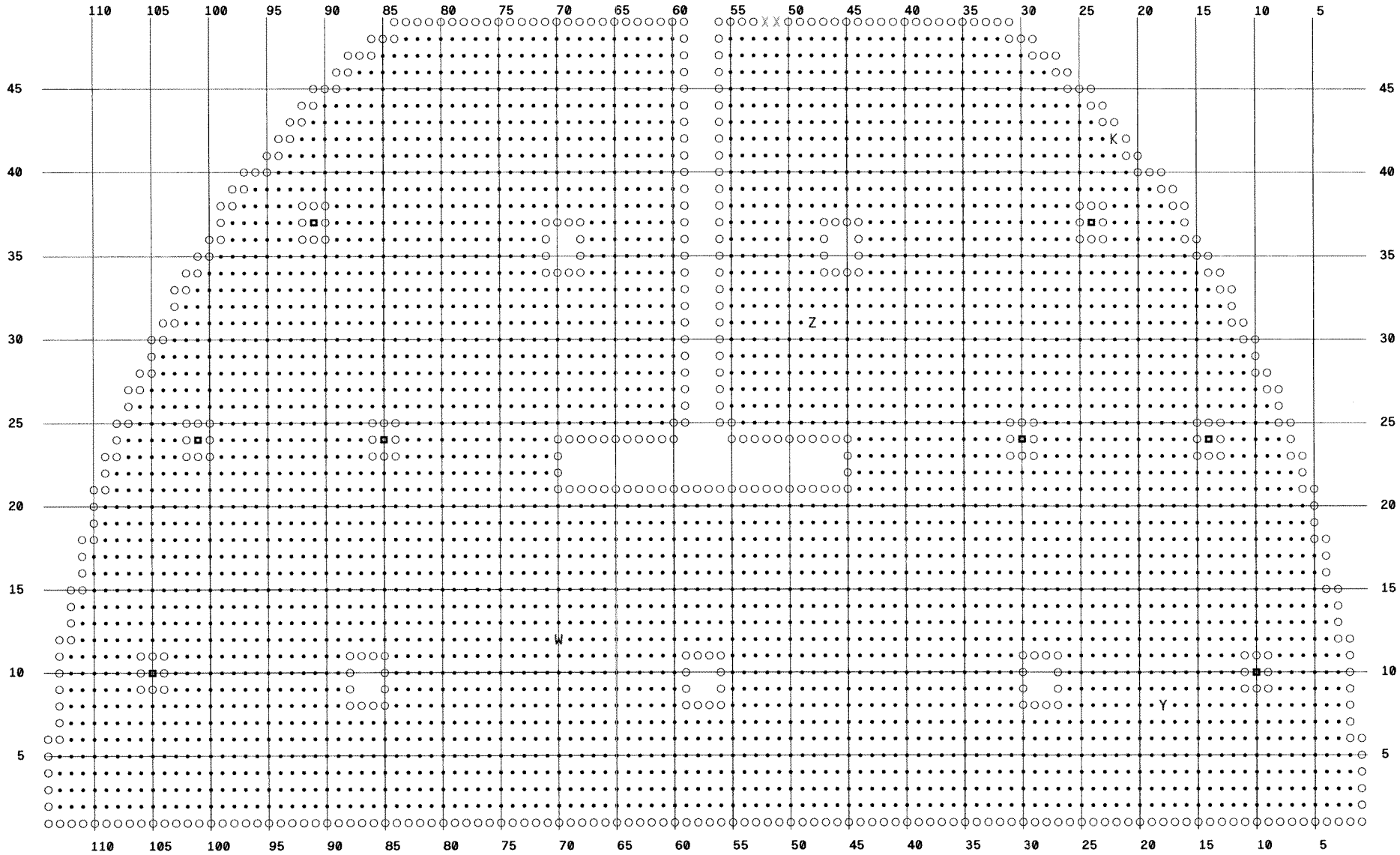
K 1 SG-2A 02C, 14%

X 2 SG-2B TSC, 21%, 23% and 36%

Y 1 SG-2C 07H, 22%

Z 1 SG-2D 01H, 19%

◘ 8 PLUGGED TUBE



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INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	42	22	.11	87	VOL		2	02C	.65						02C	02C	.610	ZPSNM	2	C
	42	22	.11	268	PCT	14	2	02C	.71			.16	.46	71	02C	02C	.610	ZPSNM	2	C
	42	22	.11	91	VOL		2	02C	.65						02C	02C	.610	ZPSNM	8	C
	42	22	3.27	74	MBM		6	06C	5.25						TEC	TEH	.610	ZBAZC	31	H
2005/04/01	42	22			NDD										02C	02C	.610	ZPSNM	12	C
2005/04/01	42	22	3.17	74	MBM		6	06C	5.46						TEC	TEH	.610	ZBARH	37	H
2005/04/01	42	22			NDD										TSH	TSH	.610	ZPSNM	119	H
2003/11/01	42	22	2.60	81	MBM		6	06C	5.70						TEH	TEC	.610	RBARH	14	C
2003/11/01	42	22	.23	76	PLP		11	02C	.64						02C	02C	.610	ZPSNM	82	C
2002/04/01	42	22	2.41	73	MBM		6	06C	5.18						TEC	TEH	.610	MBART	3	H
2000/10/01	42	22			NDD										TSH	TSH	.610	ZPANM	7	H
2000/10/01	42	22	2.42	76	MBM		6	06C	5.42						TEH	TEC	.610	MBARH	12	C
1999/05/01	42	22	.95	75	MBM		6	06C	4.90						TEH	TEC	.610	MBALL	12	C
1997/10/01	42	22			INF		1	TSH	1.36						TEC	TEH	.610	EBALL	7	H
1997/10/01	42	22	1.88	76	MBM		6	06C	4.90						TEC	TEH	.610	EBALL	7	H
1997/10/01	42	22			NDD		1								TSH	TSH	.610	ZPSHF	68	H
1996/03/01	42	22	.53	78	MBM		1	TSH	1.36		O	.81		82	TSH	TSH	.610	Z3A3C	15	H
1996/03/01	42	22	4.01	78	MBM		6	06C	5.23						TEH	TEC	.610	EBALL	20	C
1996/03/01	42	22			NDD		1								03C	03C	.610	Z3A3C	78	C
1996/03/01	42	22			NDD		1								02C	02C	.610	Z3A3C	78	C
1993/03/01	42	22	3.10	77	MBM		6	06C	3.67	6.12					TEC	TEH	.610	EBALL	11	H
1991/10/01	42	22			NDD		1								TEC	TEH	.610	EBAMB	9	H
1990/04/01	42	22			NDD		1								TEC	TEH	.610	EBAMB	8	H
	12	70	.22	134	DSI		P1	05H	-.63						TEC	TEH	.610	SBACC	91	H
	12	70	1.56	67	MBM		6	02C	6.68						TEC	TEH	.610	SBACC	91	H
	12	70	.10	71	SVI		2	05H	-.73						05H	05H	.610	ZPSNM	117	H
	12	70	.13	257	PCT	16	2	05H	-.77			.00	1.18	180	05H	05H	.610	ZPSNM	119	H
	12	70	.13	73	PID		2	05H	-.62						05H	05H	.610	ZPSNM	119	H
2005/04/01	12	70	.97	70	MBM		6	02C	6.68						TEC	TEH	.610	ZBARH	105	H
2005/04/01	12	70			NDD										TSH	TSH	.610	ZPSNM	135	H
2003/11/01	12	70	1.27	69	MBM		6	02C	6.87						TEH	TEC	.610	RBARH	66	C
2002/04/01	12	70	1.07	66	MBM		6	02C	6.70						11H	TEC	.610	MBART	16	C
2002/04/01	12	70			NDD										11H	TEH	.610	MBART	35	H
2000/10/01	12	70			NDD										TSH	TSH	.610	ZPANM	19	H
2000/10/01	12	70	.98	76	MBM		6	02C	6.57						TEH	TEC	.610	MBARH	40	C
1999/05/01	12	70	.59	77	MBM		6	02C	6.57						TEH	TEC	.610	MBALL	54	C
1997/10/01	12	70	.74	63	MBM		6	02C	6.57						TEC	TEH	.610	EBALL	36	H
1997/10/01	12	70			NDD		1								TSH	TSH	.610	ZPSHF	99	H
1996/03/01	12	70			NDD		1								TSH	TSH	.610	Z3A3C	43	H
1996/03/01	12	70	1.77	74	MBM		6	02C	6.56						TEH	TEC	.610	EBALL	46	C
1993/03/01	12	70	1.13	88	MBM		6	02C	5.65	6.98					TEC	TEH	.610	EBALL	36	H
1991/10/01	12	70			NDD		1								11C	TEH	.610	EBAMB	34	H
1990/04/01	12	70			NDD		1								TEC	TEH	.610	EBAMB	34	H

INSPDATE ROW COL VOLTS DEG IND PER CHN LOCN INCH1 INCH2 I CRLEN CRWID CEG BEGT ENDT PDIA PTYPE CAL L

Tubes: 2 Records: 43

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	49	51	.20	86	VOL		2	TSC	.57						TSC	TSC	.610	ZPSNM	2	C
	49	51	.19	74	PCT	21	2	TSC	.61			.30	.37	56	TSC	TSC	.610	ZPSNM	2	C
	49	51	2.89	186	DNT		P1	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
	49	51	1.46	80	INR		6	07C	3.44						TEC	TEH	.610	ZBAZC	25	H
	49	51	.29	116	DFS		1	TSC	.66						TEC	TEH	.610	ZBAZC	25	H
2005/04/01	49	51	1.15	62	VOL		2	TSC	.57						TSC	TSC	.610	ZPSNM	10	C
2005/04/01	49	51	.22	97	PCT	24	2	TSC	.64			.41	.36	55	TSC	TSC	.610	ZPSNM	10	C
2005/04/01	49	51	2.85	182	DNT		P1	AV3	.00						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	51	1.33	81	MBM		6	07C	3.44						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	51	.26	116	DFS		1	TSC	.57						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	51			NDD										TSH	TSH	.610	ZPSNM	99	H
2003/11/01	49	51	3.10	183	DNT		P1	AV3	.08						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	51	.22	113	DFS		1	TSC	.58						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	51			NDD										02C	02C	.610	ZPSNM	60	C
2003/11/01	49	51			NDD										03C	03C	.610	ZPSNM	60	C
2003/11/01	49	51	.17	75	VOL		2	TSC	.58						TSC	TSC	.610	ZPSNM	80	C
2003/11/01	49	51	1.20	245	PCT	24	2	TSC	.63						TSC	TSC	.610	ZPSNM	80	C
2000/10/01	49	51	2.61	179	DNT		P1	AV3	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	49	51	.56	0	INR		P2	AV4	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	49	51	.26	110	DFS		1	TSC	.58						TEH	TEC	.610	MBARH	8	C
2000/10/01	49	51			NDD										TSH	TSH	.610	ZPANM	15	H
2000/10/01	49	51	.19	66	VOL		2	TSC	.58						TSC	TSC	.610	ZPANM	72	C
1999/05/01	49	51	.96	0	PCT	15	P2	AV4	.00						TEH	TEC	.610	MBALL	32	C
1997/10/01	49	51			NDD		1								TEC	TEH	.610	EBALL	27	H
1997/10/01	49	51			NDD		1								TSH	TSH	.610	ZPSHF	77	H
1996/03/01	49	51			INR		1	10C	13.45						TEH	TEC	.610	EBALL	16	C
1996/03/01	49	51			INR		1	10C	14.62						TEH	TEC	.610	EBALL	16	C
1993/03/01	49	51	.12	100	MAM		1	10C	13.65						TEC	TEH	.610	EBAMB	37	H
1993/03/01	49	51	.27	160	MAM		1	10C	14.78						TEC	TEH	.610	EBAMB	37	H
1991/10/01	49	51			NDD		1								TEC	TEH	.610	EBAMB	22	H
1990/04/01	49	51			NDD		1								TEC	TEH	.610	EBAMB	25	H
	49	52	.23	252	PCT	23	2	TSC	.44			.19	.42	64	TSC	TSC	.610	ZPSNM	2	C
	49	52	.22	90	VOL		2	TSC	.49						TSC	TSC	.610	ZPSNM	2	C
	49	52	.45	83	PCT	36	2	TSC	.96			.30	.55	84	TSC	TSC	.610	ZPSNM	2	C
	49	52	.45	83	VOL		2	TSC	1.08						TSC	TSC	.610	ZPSNM	2	C
	49	52	2.60	180	DNT		P1	AV2	-.02						TEC	TEH	.610	ZBAZC	27	H
	49	52	2.78	180	DNT		P1	AV3	-.12						TEC	TEH	.610	ZBAZC	27	H
	49	52	2.17	179	DNT		P1	AV4	-.06						TEC	TEH	.610	ZBAZC	27	H
	49	52	.23	154	DFS		1	TSC	.50						TEC	TEH	.610	ZBAZC	27	H
	49	52	.94	145	DFS		1	TSC	1.10						TEC	TEH	.610	ZBAZC	27	H
2005/04/01	49	52	.22	81	PCT	24	2	TSC	.36			.17	.43	66	TSC	TSC	.610	ZPSNM	10	C
2005/04/01	49	52	1.13	85	VOL		2	TSC	.49						TSC	TSC	.610	ZPSNM	10	C
2005/04/01	49	52	.45	86	PCT	37	2	TSC	.97			.17	.45	69	TSC	TSC	.610	ZPSNM	10	C
2005/04/01	49	52	2.39	86	VOL		2	TSC	1.08						TSC	TSC	.610	ZPSNM	10	C
2005/04/01	49	52	2.98	182	DNT		P1	AV2	-.05						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	52	3.20	180	DNT		P1	AV3	-.08						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	52	2.50	179	DNT		P1	AV4	.05						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	52	.24	145	DFS		1	TSC	.40						TEC	TEH	.610	ZBARH	23	H
2005/04/01	49	52	1.06	153	DFS		1	TSC	.90						TEC	TEH	.610	ZBARH	23	H
2003/11/01	49	52			NDD										TSH	TSH	.610	ZPSNM	7	H
2003/11/01	49	52	3.30	183	DNT		P1	AV2	.05						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	52	3.30	181	DNT		P1	AV3	.03						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	52	2.85	180	DNT		P1	AV4	.00						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	52	.19	107	DFS		1	TSC	.52						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	52	1.27	143	DFS		1	TSC	1.20						TEH	TEC	.610	RBARH	14	C
2003/11/01	49	52	.22	88	VOL		P1	TSC	.45						TSC	TSC	.610	ZPSNM	60	C
2003/11/01	49	52	.50	85	VOL		P1	TSC	1.03						TSC	TSC	.610	ZPSNM	60	C
2003/11/01	49	52	1.26	267	PCT	23	2	TSC	.41						TSC	TSC	.610	ZPSNM	76	C
2003/11/01	49	52	.21	88	PID		P1	TSC	.45						TSC	TSC	.610	ZPSNM	76	C
2003/11/01	49	52	2.54	268	PCT	37	2	TSC	1.01						TSC	TSC	.610	ZPSNM	76	C
2003/11/01	49	52	.43	89	PID		P1	TSC	1.03						TSC	TSC	.610	ZPSNM	76	C
2000/10/01	49	52	2.75	179	DNT		P1	AV2	.06						TEH	TEC	.610	MBARH	6	C
2000/10/01	49	52	2.84	177	DNT		P1	AV3	.00						TEH	TEC	.610	MBARH	6	C
2000/10/01	49	52	1.00	143	DFS		1	TSC	1.00						TEH	TEC	.610	MBARH	6	C
2000/10/01	49	52	1.00	146	DFS		1	TSC	1.02						TEH	TEC	.610	MBARH	6	C
1999/05/01	49	52			NDD										TSH	TSH	.610	ZPAHF	9	H
1999/05/01	49	52	.95	146	DFS		1	TSC	.99						TEH	TEC	.610	MBALL	36	C
1997/10/01	49	52	2.15	152	FSD		1	TSC	1.02						TEC	TEH	.610	EBALL	27	H
1997/10/01	49	52			NDD		1								TSH	TSH	.610	ZPSHF	77	H
1997/10/01	49	52			NDD		1								03C	03C	.610	ZPSHF	125	C
1997/10/01	49	52			NDD		1								02C	02C	.610	ZPSHF	125	C
1996/03/01	49	52	1.09	146	FSD		1	TSC	1.01						TEH	TEC	.610	EBALL	16	C
1993/03/01	49	52	.95	143	MAM		1	TSC	1.10						TEC	TEH	.610	EBAMB	31	H
1991/10/01	49	52	.98	142	PCT	34	1	TSC	1.04						TEC	TEH	.610	EBAMB	22	H
1991/10/01	49	52			NDD		1								01C	TSC	.610	ESSNM	66	C
1990/04/01	49	52			NDD		1								TEC	TEH	.610	EBAMB	26	H
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 2 Records: 76

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	8	18	.57	132	DSI		P1	07H	-.64						TEC	TEH	.610	ZBAZC	13	H
	8	18	.14	108	PID		2	07H	-.74						07H	07H	.610	ZPSNM	85	H
	8	18	.20	100	PCT	22	2	07H	-.81			.40	.47	72	07H	07H	.610	ZPSNM	101	H
	8	18	.13	86	SVI		2	07H	-.74						07H	07H	.610	ZPSNM	101	H
2005/04/01	8	18			NDD										TEC	TEH	.610	ZBARH	25	H
2003/11/01	8	18			NDD										TSH	TSH	.610	ZPSNM	13	H
2003/11/01	8	18			NDD										TEH	TEC	.610	RBARH	18	C
2000/10/01	8	18	.41	157	INR		1	09C	5.85						TEH	TEC	.610	MBARH	44	C
1999/05/01	8	18	.27	150	DFS		1	09C	5.95						TEC	TEH	.610	MBALL	25	H
1997/10/01	8	18			NDD		1	.							TSH	TSH	.610	ZPSHF	28	H
1997/10/01	8	18			NDD		1								TEC	TEH	.610	EBALL	82	H
1996/03/01	8	18			NDD		1								TEC	TEH	.610	EBALL	11	H
1993/03/01	8	18			NDD		1								10C	TEH	.610	EBAMB	9	H
1991/10/01	8	18			NDD		1								TEC	TEH	.610	EBAMB	7	H
1990/04/01	8	18			NDD		1								TEC	TEH	.610	EBAMB	5	H

INSPDATE ROW COL VOLTS DEG IND PER CHN LOCN INCH1 INCH2 I CRLEN CRWID CEG BEGT ENDT PDIA PTYPE CAL L

Tubes: 1 Records: 15

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	31	48	.20	95	DSS		P1	01H	.47						TEC	TEH	.610	ZBAZC	31	H
	31	48			NDD										TSH	TSH	.610	ZPSNM	67	H
	31	48	.15	99	VOL		2	01H	.42						01H	01H	.610	ZPSNM	83	H
	31	48	.13	101	VOL		2	01H	.41						01H	01H	.610	ZPSNM	91	H
	31	48	.14	244	PCT	19	2	01H	.43			.30	.44	68	01H	01H	.610	ZPSNM	91	H
2005/04/01	31	48	.18	103	DSS		P1	01H	.41						TEC	TEH	.610	ZBARH	37	H
2005/04/01	31	48	.12	64	VOL		2	01H	.42						01H	01H	.610	ZPSNM	105	H
2005/04/01	31	48	.19	100	PCT	19	2	01H	.34			.22	.44	67	01H	01H	.610	ZPSNM	111	H
2005/04/01	31	48	.14	108	VOL		2	01H	.41						01H	01H	.610	ZPSNM	111	H
2003/11/01	31	48	.22	90	DSS		P1	01H	.44						TEH	TEC	.610	RBARH	14	C
2003/11/01	31	48	.13	118	VOL		P1	01H	.44						01H	01H	.610	ZPSNM	55	H
2003/11/01	31	48			PRC										01H	01H	.610	ZPSNM	57	H
2003/11/01	31	48			PRC										01H	01H	.610	ZPSNM	63	H
2003/11/01	31	48	.87	288	PCT	18	2	01H	.36						01H	01H	.610	ZPSNM	63	H
2000/10/01	31	48			NDD										TSH	TSH	.610	ZPANM	11	H
2000/10/01	31	48	.40	47	DSS		P1	01H	.47						TEH	TEC	.610	MBARH	24	C
1999/05/01	31	48	.23	108	DSS		P1	01H	.46						TEH	TEC	.610	MBALL	26	C
1997/10/01	31	48			NDD		1								TSH	TSH	.610	ZPSHF	32	H
1997/10/01	31	48			NDD		1								TEC	TEH	.610	EBALL	72	C
1996/03/01	31	48			NDD		1								TSH	TSH	.610	Z3S3C	29	H
1996/03/01	31	48			NDD		1								TEH	TEC	.610	EBALL	42	H
1993/03/01	31	48			NDD		1								TEC	TEH	.610	EBAMB	23	C
1991/10/01	31	48			NDD		1								11C	TEH	.610	EBAFH	26	C
1990/04/01	31	48			NDD		1								TEC	TEH	.610	EBAMB	21	C

INSPDATE ROW COL VOLTS DEG IND PER CHN LOCN INCH1 INCH2 I CRLEN CRWID CEG BEGT ENDT PDIA PTYPE CAL L

Tubes: 1 Records: 24

Attachment B.5

Tubes Containing Anti-Vibration Bar Wear

SG - A ANTI-VIBRATION BAR WEAR INDICATIONS

MOST SEVERE INDICATION PER TUBE

Braidwood A2R12 CDE D5

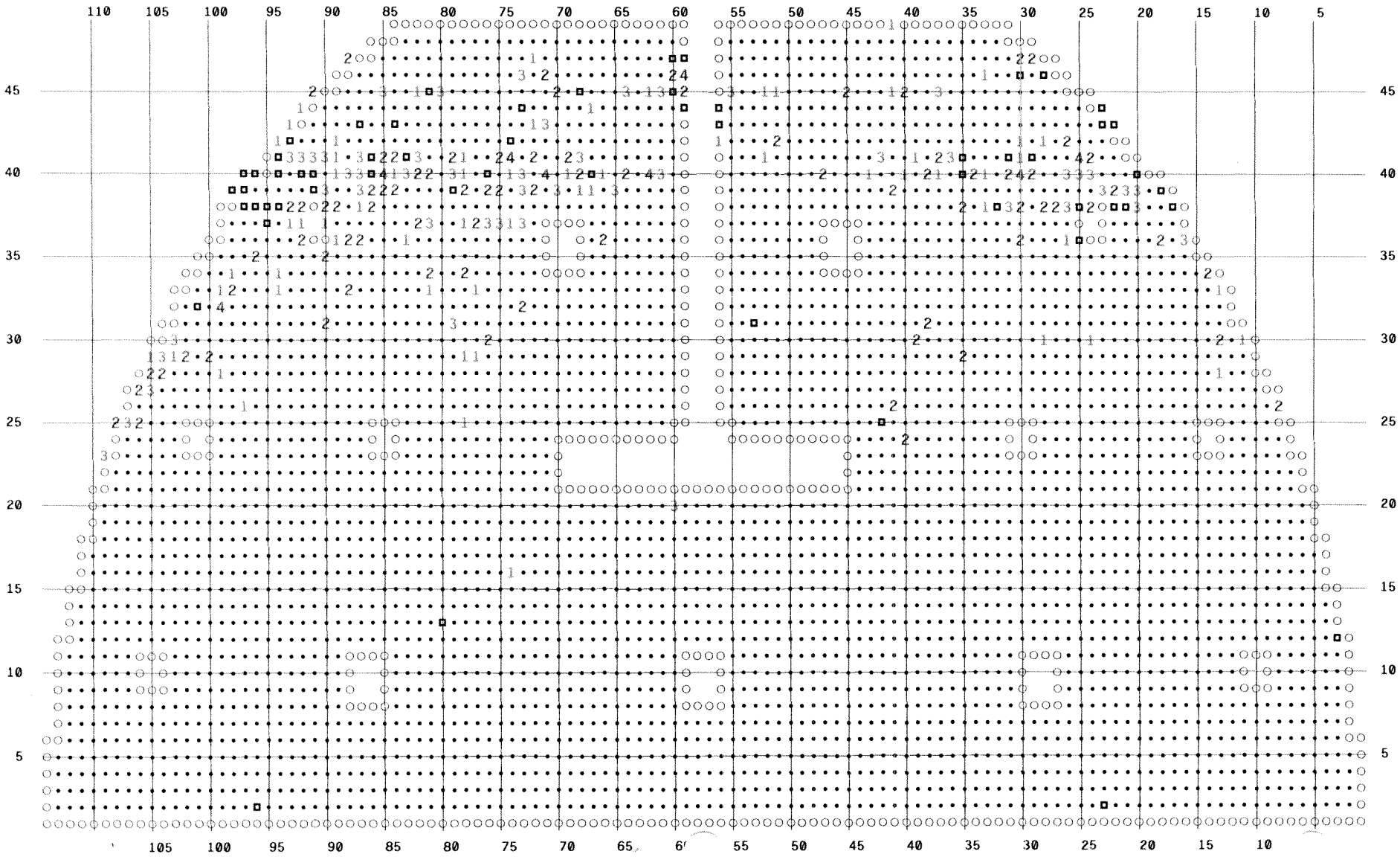
1 63 INDICATION 1 TO 19 PERCENT

2 80 INDICATION 20 TO 29 PERCENT

3 49 INDICATION 30 TO 39 PERCENT

4 8 INDICATION 40 TO 49 PERCENT

◻ 57 PLUGGED TUBE



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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
26	8	2.45	0	PCT	28	P2	AV1	.00						TEC	TEH	.610	ZBAZC	39	H
26	8	1.22	0	PCT	19	P2	AV2	.05						TEC	TEH	.610	ZBAZC	39	H
26	8	2.01	0	PCT	25	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	39	H
30	11	1.29	0	PCT	18	P2	AV1	.13						TEC	TEH	.610	SBACC	37	H
28	13	1.29	0	PCT	18	P2	AV2	-.07						TEC	TEH	.610	SBACC	37	H
30	13	2.06	0	PCT	24	P2	AV2	-.10						TEC	TEH	.610	SBACC	37	H
33	13	1.40	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	37	H
34	14	1.18	0	PCT	19	P2	AV1	.10						TEC	TEH	.610	ZBAZC	39	H
34	14	1.83	0	PCT	24	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	39	H
34	14	1.25	0	PCT	19	P2	AV3	.02						TEC	TEH	.610	ZBAZC	39	H
36	16	3.12	0	PCT	32	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	39	H
36	18	1.54	0	PCT	22	P2	AV2	-.15						TEC	TEH	.610	ZBAZC	39	H
36	18	1.27	0	PCT	20	P2	AV3	.13						TEC	TEH	.610	ZBAZC	39	H
38	20	1.37	0	PCT	21	P2	AV1	.00						TEC	TEH	.610	ZBAZC	31	H
38	20	2.80	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
38	20	1.88	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
38	20	2.96	0	PCT	31	P2	AV4	.00						TEC	TEH	.610	ZBAZC	31	H
39	20	2.17	0	PCT	27	P2	AV1	.08						TEC	TEH	.610	ZBAZC	39	H
39	20	1.62	0	PCT	23	P2	AV2	.17						TEC	TEH	.610	ZBAZC	39	H
39	20	4.20	0	PCT	36	P2	AV3	.02						TEC	TEH	.610	ZBAZC	39	H
39	20	2.27	0	PCT	27	P2	AV4	.00						TEC	TEH	.610	ZBAZC	39	H
39	21	1.32	0	PCT	19	P2	AV1	.13						TEC	TEH	.610	SBACC	29	H
39	21	3.97	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	SBACC	29	H
39	21	1.97	0	PCT	23	P2	AV3	-.05						TEC	TEH	.610	SBACC	29	H
39	21	1.40	0	PCT	19	P2	AV4	-.10						TEC	TEH	.610	SBACC	29	H
39	22	1.19	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	31	H
39	22	1.97	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
39	23	5.51	0	PCT	39	P2	AV2	.00						TEC	TEH	.610	SBACC	29	H
39	23	3.90	0	PCT	33	P2	AV3	.03						TEC	TEH	.610	SBACC	29	H
30	24	1.29	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	31	H
38	24	1.00	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	31	H
38	24	1.99	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
38	24	1.95	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
40	24	3.84	0	PCT	35	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
41	24	2.13	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
41	24	1.97	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
40	25	1.78	0	PCT	22	P2	AV1	.06						TEC	TEH	.610	SBACC	29	H
40	25	2.71	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	SBACC	29	H
40	25	3.76	0	PCT	33	P2	AV3	.00						TEC	TEH	.610	SBACC	29	H
40	25	.96	0	PCT	15	P2	AV4	.16						TEC	TEH	.610	SBACC	29	H
41	25	.96	0	PCT	15	P2	AV1	.13						TEC	TEH	.610	SBACC	29	H
41	25	3.14	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	SBACC	29	H
41	25	6.23	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	SBACC	29	H
41	25	5.40	0	PID		P2	AV3	.03						TEC	TEH	.610	SBACC	93	H
36	26	1.20	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
38	26	2.98	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
40	26	4.03	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
42	26	.91	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
42	26	2.06	0	PCT	25	P2	AV3	.05						TEC	TEH	.610	ZBAZC	27	H
38	27	1.08	0	PCT	16	P2	AV2	.02						TEC	TEH	.610	SBACC	29	H
38	27	1.61	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	29	H
30	28	.94	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
38	28	1.66	0	PCT	22	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	27	H
42	28	1.20	0	PCT	18	P2	AV2	.07						TEC	TEH	.610	ZBAZC	27	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
42	28	1.32	0	PCT	19	P2	AV3	.05						TEC	TEH	.610	ZBAZC	27	H
40	29	3.13	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	SBACC	25	H
40	29	2.78	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
47	29	2.92	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	SBACC	25	H
47	29	2.34	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
36	30	1.81	0	PCT	23	P2	AV1	.00						TEC	TEH	.610	ZBAZC	27	H
36	30	1.05	0	PCT	16	P2	AV2	.07						TEC	TEH	.610	ZBAZC	27	H
36	30	1.40	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
38	30	1.75	0	PCT	23	P2	AV2	.15						TEC	TEH	.610	ZBAZC	27	H
38	30	2.63	0	PCT	29	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
40	30	4.44	0	PCT	37	P2	AV2	.02						TEC	TEH	.610	ZBAZC	27	H
40	30	5.38	0	PCT	40	P2	AV3	.02						TEC	TEH	.610	ZBAZC	27	H
40	30	5.34	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
41	30	1.03	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
42	30	1.08	0	PCT	17	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	27	H
47	30	1.70	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
38	31	2.71	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	SBACC	25	H
38	31	3.42	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
38	31	1.26	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	SBACC	25	H
40	31	1.52	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	25	H
40	31	2.34	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	25	H
40	31	2.94	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
40	31	1.58	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	25	H
38	33	1.61	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
40	33	1.40	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
46	33	1.50	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	SBACC	25	H
40	34	1.51	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	15	H
29	35	1.64	0	PCT	20	P2	AV4	.10						TEC	TEH	.610	SBACC	13	H
38	35	3.20	0	PCT	29	P2	AV2	-.35						TEC	TEH	.610	SBACC	17	H
41	36	2.40	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
41	36	5.03	0	PCT	39	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
40	37	1.45	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	SBACC	17	H
41	37	2.38	0	PCT	24	P2	AV2	.25						TEC	TEH	.610	SBACC	17	H
45	37	1.51	0	PCT	18	P2	AV2	-.05						TEC	TEH	.610	SBACC	17	H
45	37	3.48	0	PCT	31	P2	AV3	-.12						TEC	TEH	.610	SBACC	17	H
31	38	1.02	0	PCT	17	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	15	H
31	38	1.88	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	15	H
40	38	1.67	0	PCT	22	P2	AV1	.00						TEC	TEH	.610	ZBAZC	19	H
40	38	1.25	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
40	38	1.89	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
30	39	.98	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	SBACC	13	H
30	39	1.94	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	SBACC	13	H
30	39	1.44	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	SBACC	13	H
41	39	1.00	0	PCT	13	P2	AV2	-.10						TEC	TEH	.610	SBACC	17	H
41	39	1.13	0	PCT	15	P2	AV3	-.10						TEC	TEH	.610	SBACC	17	H
41	39	1.69	0	PCT	19	P2	AV4	-.10						TEC	TEH	.610	SBACC	17	H
24	40	1.95	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	15	H
24	40	1.81	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	15	H
40	40	1.19	0	PCT	18	P2	AV2	.22						TEC	TEH	.610	ZBAZC	19	H
45	40	1.47	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
26	41	2.51	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	SBACC	13	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
39	41	1.87	0	PCT	21	P2	AV2	.02						TEC	TEH	.610	SBACC	17	H
45	41	1.36	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	17	H
49	41	1.22	0	PCT	15	P2	AV1	.22						TEC	TEH	.610	SBACC	17	H
41	42	1.25	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
41	42	3.08	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
40	43	1.59	0	PCT	19	P2	AV2	-.02						TEC	TEH	.610	SBACC	17	H
45	45	2.26	0	PCT	24	P2	AV2	.32						TEC	TEH	.610	SBACC	17	H
40	47	2.16	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	SBACC	13	H
42	51	1.76	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
45	51	1.41	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
41	52	1.24	0	PCT	16	P2	AV2	.15						TEC	TEH	.610	SBACC	17	H
45	52	.89	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	SBACC	17	H
45	55	1.76	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
45	55	2.85	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
42	56	1.14	0	PCT	18	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	11	H
45	59	1.63	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
45	59	2.34	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
46	59	.86	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	19	H
46	59	6.05	0	PCT	42	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
46	59	1.71	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
46	59	2.42	0	PCT	27	P2	AV4	.00						TEC	TEH	.610	ZBAZC	19	H
46	59	5.45	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	93	H
20	60	4.51	0	PCT	35	P2	AV1	.00						TEC	TEH	.610	SBACC	57	H
20	60	1.66	0	PCT	21	P2	AV4	.00						TEC	TEH	.610	SBACC	57	H
46	60	1.72	0	PCT	20	P2	AV1	-.03						TEC	TEH	.610	SBACC	17	H
46	60	3.19	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	SBACC	17	H
40	61	5.52	0	PCT	38	P2	AV2	.03						TEC	TEH	.610	SBACC	21	H
40	61	2.84	0	PCT	29	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
45	61	.74	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	ZBAZC	27	H
45	61	1.23	0	PCT	18	P2	AV2	.07						TEC	TEH	.610	ZBAZC	27	H
45	61	4.63	0	PCT	38	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
45	61	1.13	0	PCT	17	P2	AV4	.15						TEC	TEH	.610	ZBAZC	27	H
40	62	5.56	0	PCT	41	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
40	62	1.89	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
40	62	5.38	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	93	H
45	62	.98	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
40	64	1.24	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
45	64	1.43	0	PCT	20	P2	AV1	.09						TEC	TEH	.610	ZBAZC	27	H
45	64	4.45	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
45	64	3.02	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
39	65	2.20	0	PCT	25	P2	AV2	.36						TEC	TEH	.610	SBACC	21	H
39	65	3.46	0	PCT	32	P2	AV3	-.07						TEC	TEH	.610	SBACC	21	H
36	66	2.05	0	PCT	26	P2	AV3	.10						TEC	TEH	.610	ZBAZC	23	H
40	66	.80	0	PCT	14	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	23	H
39	67	1.12	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
39	67	.95	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
44	67	1.27	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	SBACC	25	H
39	68	.89	0	PCT	16	P2	AV1	.15						TEC	TEH	.610	ZBAZC	23	H
40	68	1.99	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
40	68	1.20	0	PCT	20	P2	AV3	.10						TEC	TEH	.610	ZBAZC	23	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
41	68	1.93	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
41	68	4.09	0	PCT	34	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
40	69	1.02	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
41	69	1.44	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	SBACC	25	H
39	70	2.65	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
45	70	1.25	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
45	70	.98	0	PCT	17	P2	AV3	.02						TEC	TEH	.610	ZBAZC	23	H
40	71	1.66	0	PCT	22	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
40	71	3.27	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
40	71	6.23	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
40	71	5.31	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
43	71	2.25	0	PCT	26	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
43	71	3.57	0	PCT	32	P2	AV2	.30						TEC	TEH	.610	SBACC	21	H
43	71	1.65	0	PCT	22	P2	AV3	-.05						TEC	TEH	.610	SBACC	21	H
46	71	1.80	0	PCT	23	P2	AV2	-.05						TEC	TEH	.610	SBACC	21	H
39	72	2.07	0	PCT	26	P2	AV2	-.25						TEC	TEH	.610	ZBAZC	23	H
41	72	1.64	0	PCT	23	P2	AV3	-.07						TEC	TEH	.610	ZBAZC	23	H
43	72	1.10	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
47	72	.56	0	PCT	11	P2	AV1	.00						TEC	TEH	.610	ZBAZC	23	H
32	73	1.73	0	PCT	22	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
32	73	.99	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
32	73	1.12	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
32	73	1.08	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	SBACC	21	H
37	73	.86	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
37	73	3.12	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
37	73	1.34	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
37	73	1.30	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	SBACC	21	H
39	73	5.53	0	PCT	38	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
39	73	4.70	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
39	73	3.40	0	PCT	31	P2	AV4	.00						TEC	TEH	.610	SBACC	21	H
40	73	4.11	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
40	73	1.24	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
46	73	1.05	0	PCT	17	P2	AV1	.21						TEC	TEH	.610	ZBAZC	23	H
46	73	3.62	0	PCT	34	P2	AV2	.02						TEC	TEH	.610	ZBAZC	23	H
46	73	1.13	0	PCT	19	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	23	H
16	74	1.35	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	SBACC	55	H
37	74	1.05	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
40	74	1.11	0	PCT	17	P2	AV3	.11						TEC	TEH	.610	SBACC	37	H
41	74	1.79	0	PCT	22	P2	AV1	.17						TEC	TEH	.610	SBACC	37	H
41	74	5.13	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	SBACC	37	H
41	74	6.04	0	PCT	40	P2	AV3	.02						TEC	TEH	.610	SBACC	37	H
41	74	3.76	0	PCT	33	P2	AV4	.05						TEC	TEH	.610	SBACC	37	H
41	74	5.34	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
37	75	3.62	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
37	75	1.77	0	PCT	24	P2	AV3	.05						TEC	TEH	.610	ZBAZC	39	H
39	75	1.26	0	PCT	20	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	39	H
41	75	2.27	0	PCT	27	P2	AV1	.00						TEC	TEH	.610	ZBAZC	39	H
41	75	1.45	0	PCT	21	P2	AV2	-.02						TEC	TEH	.610	ZBAZC	39	H
41	75	2.56	0	PCT	29	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	39	H
30	76	1.12	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
30	76	1.48	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
37	76	2.44	0	PCT	26	P2	AV1	.03						TEC	TEH	.610	SBACC	37	H
37	76	5.36	0	PCT	38	P2	AV2	-.03						TEC	TEH	.610	SBACC	37	H
37	76	2.77	0	PCT	28	P2	AV3	.03						TEC	TEH	.610	SBACC	37	H
37	76	1.39	0	PCT	19	P2	AV4	-.15						TEC	TEH	.610	SBACC	37	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
39	76	1.65	0	PCT	21	P2	AV1	.15						TEC	TEH	.610	SBACC	37	H
39	76	.99	0	PCT	15	P2	AV2	.10						TEC	TEH	.610	SBACC	37	H
39	76	1.42	0	PCT	19	P2	AV3	.08						TEC	TEH	.610	SBACC	37	H
39	76	1.40	0	PCT	19	P2	AV4	-.05						TEC	TEH	.610	SBACC	37	H
29	77	1.07	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
29	77	1.08	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
33	77	1.10	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
37	77	1.64	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
25	78	1.23	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
25	78	1.44	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	41	H
29	78	1.17	0	PCT	16	P2	AV2	.08						TEC	TEH	.610	SBACC	41	H
34	78	1.87	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	SBACC	41	H
37	78	1.08	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	SBACC	41	H
39	78	2.47	0	PCT	25	P2	AV2	.27						TEC	TEH	.610	SBACC	41	H
39	78	2.47	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
40	78	1.06	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	41	H
40	78	1.07	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
41	78	1.47	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
31	79	1.34	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
31	79	1.87	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
31	79	3.31	0	PCT	32	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	43	H
40	79	2.34	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
40	79	3.56	0	PCT	33	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	43	H
41	79	1.26	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
41	79	1.44	0	PCT	20	P2	AV2	.02						TEC	TEH	.610	ZBAZC	43	H
41	79	2.58	0	PCT	28	P2	AV3	.02						TEC	TEH	.610	ZBAZC	43	H
45	80	2.57	0	PCT	26	P2	AV2	.20						TEC	TEH	.610	SBACC	41	H
45	80	4.40	0	PCT	35	P2	AV3	.02						TEC	TEH	.610	SBACC	41	H
45	80	1.64	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	SBACC	41	H
33	81	1.09	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
34	81	2.17	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
37	81	1.08	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	SBACC	51	H
37	81	3.41	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
37	81	2.86	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
40	81	1.67	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
37	82	1.53	0	PCT	20	P2	AV1	.03						TEC	TEH	.610	SBACC	49	H
37	82	1.06	0	PCT	16	P2	AV3	-.20						TEC	TEH	.610	SBACC	49	H
40	82	1.50	0	PCT	20	P2	AV2	.02						TEC	TEH	.610	SBACC	49	H
40	82	1.50	0	PCT	20	P2	AV3	.05						TEC	TEH	.610	SBACC	49	H
41	82	1.12	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	SBACC	49	H
41	82	5.31	0	PCT	38	P2	AV2	-.05						TEC	TEH	.610	SBACC	49	H
41	82	2.91	0	PCT	29	P2	AV3	-.18						TEC	TEH	.610	SBACC	49	H
41	82	1.92	0	PCT	23	P2	AV4	-.05						TEC	TEH	.610	SBACC	49	H
45	82	1.00	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	49	H
45	82	1.29	0	PCT	18	P2	AV3	-.15						TEC	TEH	.610	SBACC	49	H
36	83	1.33	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
40	83	3.13	0	PCT	31	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
40	83	2.43	0	PCT	27	P2	AV2	.22						TEC	TEH	.610	ZBAZC	43	H
40	83	1.67	0	PCT	22	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	43	H
40	83	1.16	0	PCT	18	P2	AV4	.05						TEC	TEH	.610	ZBAZC	43	H
39	84	1.32	0	PCT	17	P2	AV1	.03						TEC	TEH	.610	SBACC	41	H
39	84	1.63	0	PCT	20	P2	AV2	-.02						TEC	TEH	.610	SBACC	41	H
39	84	1.88	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
40	84	1.39	0	PCT	18	P2	AV3	-.10						TEC	TEH	.610	SBACC	41	H
41	84	1.74	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	SBACC	41	H
39	85	1.67	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
39	85	2.30	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
40	85	1.32	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
40	85	3.46	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
40	85	5.18	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
40	85	1.31	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	43	H
40	85	5.17	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
41	85	1.59	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
41	85	1.30	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
45	85	3.37	0	PCT	32	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
38	86	1.04	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	SBACC	41	H
38	86	2.30	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	SBACC	41	H
38	86	1.78	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
39	86	1.67	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	SBACC	41	H
39	86	1.40	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	41	H
36	87	1.63	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
38	87	.90	0	PCT	15	P2	AV2	.32						TEC	TEH	.610	ZBAZC	43	H
39	87	3.40	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
39	87	1.00	0	PCT	16	P2	AV3	.08						TEC	TEH	.610	ZBAZC	43	H
40	87	1.53	0	PCT	21	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
40	87	4.94	0	PCT	39	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
40	87	1.22	0	PCT	18	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	43	H
40	87	1.47	0	PCT	20	P2	AV4	.13						TEC	TEH	.610	ZBAZC	43	H
41	87	4.06	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
41	87	3.19	0	PCT	32	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	43	H
33	88	1.68	0	PCT	20	P2	AV2	.03						TEC	TEH	.610	SBACC	41	H
36	88	1.41	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	SBACC	41	H
36	88	1.84	0	PCT	21	P2	AV3	-.05						TEC	TEH	.610	SBACC	41	H
40	88	3.45	0	PCT	31	P2	AV2	-.05						TEC	TEH	.610	SBACC	41	H
40	88	2.45	0	PCT	25	P2	AV3	-.03						TEC	TEH	.610	SBACC	41	H
40	88	1.51	0	PCT	19	P2	AV4	-.33						TEC	TEH	.610	SBACC	41	H
47	88	1.48	0	PCT	21	P2	AV4	.00						TEC	TEH	.610	SBACC	51	H
36	89	1.19	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	SBACC	47	H
36	89	1.09	0	PCT	17	P2	AV3	.10						TEC	TEH	.610	SBACC	47	H
38	89	1.44	0	PCT	20	P2	AV2	.06						TEC	TEH	.610	SBACC	47	H
38	89	1.24	0	PCT	18	P2	AV3	.02						TEC	TEH	.610	SBACC	47	H
40	89	1.04	0	PCT	16	P2	AV2	.34						TEC	TEH	.610	SBACC	47	H
40	89	1.06	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	SBACC	47	H
41	89	1.33	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	47	H
42	89	.99	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	47	H
42	89	1.33	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	47	H
31	90	1.73	0	PCT	21	P2	AV3	-.03						TEC	TEH	.610	SBACC	45	H
35	90	1.12	0	PCT	16	P2	AV1	.10						TEC	TEH	.610	SBACC	45	H
35	90	.97	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	SBACC	45	H
35	90	2.91	0	PCT	28	P2	AV3	.00						TEC	TEH	.610	SBACC	45	H
37	90	1.54	0	PCT	19	P2	AV2	.07						TEC	TEH	.610	SBACC	45	H
38	90	.91	0	PCT	14	P2	AV1	.13						TEC	TEH	.610	SBACC	45	H
38	90	1.74	0	PCT	21	P2	AV2	-.05						TEC	TEH	.610	SBACC	45	H
38	90	1.82	0	PCT	22	P2	AV3	-.07						TEC	TEH	.610	SBACC	45	H
39	90	.89	0	PCT	13	P2	AV1	.10						TEC	TEH	.610	SBACC	45	H
39	90	3.69	0	PCT	32	P2	AV2	.05						TEC	TEH	.610	SBACC	45	H
39	90	4.16	0	PCT	34	P2	AV3	.05						TEC	TEH	.610	SBACC	45	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
39	90	1.38	0	PCT	18	P2	AV4	-.03						TEC	TEH	.610	SBACC	45	H
41	90	3.37	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	45	H
41	91	4.40	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	SBACC	47	H
41	91	1.92	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	SBACC	47	H
45	91	2.06	0	PCT	25	P2	AV1	.00						TEC	TEH	.610	SBACC	47	H
36	92	1.95	0	PCT	22	P2	AV2	.17						TEC	TEH	.610	SBACC	45	H
36	92	2.62	0	PCT	27	P2	AV3	.02						TEC	TEH	.610	SBACC	45	H
37	92	1.26	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	45	H
38	92	3.10	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	SBACC	45	H
38	92	2.21	0	PCT	24	P2	AV3	.02						TEC	TEH	.610	SBACC	45	H
41	92	1.88	0	PCT	22	P2	AV2	-.10						TEC	TEH	.610	SBACC	45	H
41	92	5.00	0	PCT	37	P2	AV3	.00						TEC	TEH	.610	SBACC	45	H
44	92	.86	0	PCT	13	P2	AV4	.00						TEC	TEH	.610	SBACC	45	H
37	93	1.31	0	PCT	19	P2	AV3	-.10						TEC	TEH	.610	SBACC	47	H
38	93	1.00	0	PCT	15	P2	AV2	.07						TEC	TEH	.610	SBACC	47	H
38	93	1.92	0	PCT	24	P2	AV3	-.05						TEC	TEH	.610	SBACC	47	H
41	93	1.10	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	47	H
41	93	4.59	0	PCT	38	P2	AV2	.00						TEC	TEH	.610	SBACC	47	H
41	93	3.83	0	PCT	35	P2	AV3	-.13						TEC	TEH	.610	SBACC	47	H
41	93	1.02	0	PCT	16	P2	AV4	-.08						TEC	TEH	.610	SBACC	47	H
43	93	1.00	0	PCT	16	P2	AV4	.10						TEC	TEH	.610	SBACC	47	H
33	94	1.09	0	PCT	15	P2	AV2	-.08						TEC	TEH	.610	SBACC	45	H
34	94	1.53	0	PCT	19	P2	AV2	-.08						TEC	TEH	.610	SBACC	45	H
42	94	1.17	0	PCT	16	P2	AV4	-.08						TEC	TEH	.610	SBACC	45	H
35	96	3.09	0	PCT	29	P2	AV2	.02						TEC	TEH	.610	SBACC	45	H
26	97	1.32	0	PCT	19	P2	AV3	.05						TEC	TEH	.610	SBACC	47	H
33	98	1.74	0	PCT	21	P2	AV2	-.02						TEC	TEH	.610	SBACC	45	H
33	98	1.53	0	PCT	19	P2	AV3	-.07						TEC	TEH	.610	SBACC	45	H
34	98	1.16	0	PCT	16	P2	AV3	-.07						TEC	TEH	.610	SBACC	45	H
28	99	.89	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	SBACC	47	H
32	99	5.45	0	PCT	40	P2	AV2	.14						TEC	TEH	.610	SBACC	47	H
32	99	1.55	0	PCT	21	P2	AV3	.03						TEC	TEH	.610	SBACC	47	H
32	99	1.13	0	PCT	17	P2	AV4	.05						TEC	TEH	.610	SBACC	47	H
32	99	5.48	0	PID		P2	AV2	.11						TEC	TEH	.610	SBACC	93	H
33	99	1.07	0	PCT	16	P2	AV2	.05						TEC	TEH	.610	SBACC	47	H
29	100	1.16	0	PCT	16	P2	AV2	.05						TEC	TEH	.610	SBACC	45	H
29	100	1.58	0	PCT	20	P2	AV3	-.10						TEC	TEH	.610	SBACC	45	H
29	102	1.68	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	49	H
29	103	1.10	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	SBACC	51	H
29	103	.99	0	PCT	16	P2	AV3	-.07						TEC	TEH	.610	SBACC	51	H
30	103	3.28	0	PCT	32	P2	AV1	.00						TEC	TEH	.610	SBACC	51	H
30	103	2.08	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
30	103	2.65	0	PCT	29	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
28	104	1.59	0	PCT	21	P2	AV2	-.10						TEC	TEH	.610	SBACC	49	H
29	104	1.49	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	SBACC	49	H
29	104	3.93	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	SBACC	49	H
29	104	4.56	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	SBACC	49	H
27	105	2.71	0	PCT	30	P2	AV1	.00						TEC	TEH	.610	SBACC	51	H
27	105	2.22	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
27	105	1.34	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
28	105	1.33	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	SBACC	51	H
28	105	.89	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
28	105	1.35	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
29	105	1.28	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
25	106	1.84	0	PCT	22	P2	AV2	-.02						TEC	TEH	.610	SBACC	49	H
25	106	1.53	0	PCT	20	P2	AV3	-.10						TEC	TEH	.610	SBACC	49	H
27	106	2.88	0	PCT	29	P2	AV1	.03						TEC	TEH	.610	SBACC	49	H
27	106	1.92	0	PCT	23	P2	AV2	.17						TEC	TEH	.610	SBACC	49	H
27	106	2.82	0	PCT	28	P2	AV3	-.24						TEC	TEH	.610	SBACC	49	H
27	106	1.51	0	PCT	20	P2	AV4	-.05						TEC	TEH	.610	SBACC	49	H
25	107	3.06	0	PCT	31	P2	AV1	.00						TEC	TEH	.610	SBACC	51	H
25	107	1.24	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	SBACC	51	H
25	108	1.50	0	PCT	20	P2	AV4	-.05						TEC	TEH	.610	SBACC	49	H
23	109	2.00	0	PCT	23	P2	AV1	-.09						TEC	TEH	.610	SBACC	49	H
23	109	5.68	0	PCT	39	P2	AV4	-.25						TEC	TEH	.610	SBACC	49	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 200 Records: 382

SG - B ANTI-VIBRATION BAR WEAR INDICATIONS

MOST SEVERE INDICATION PER TUBE

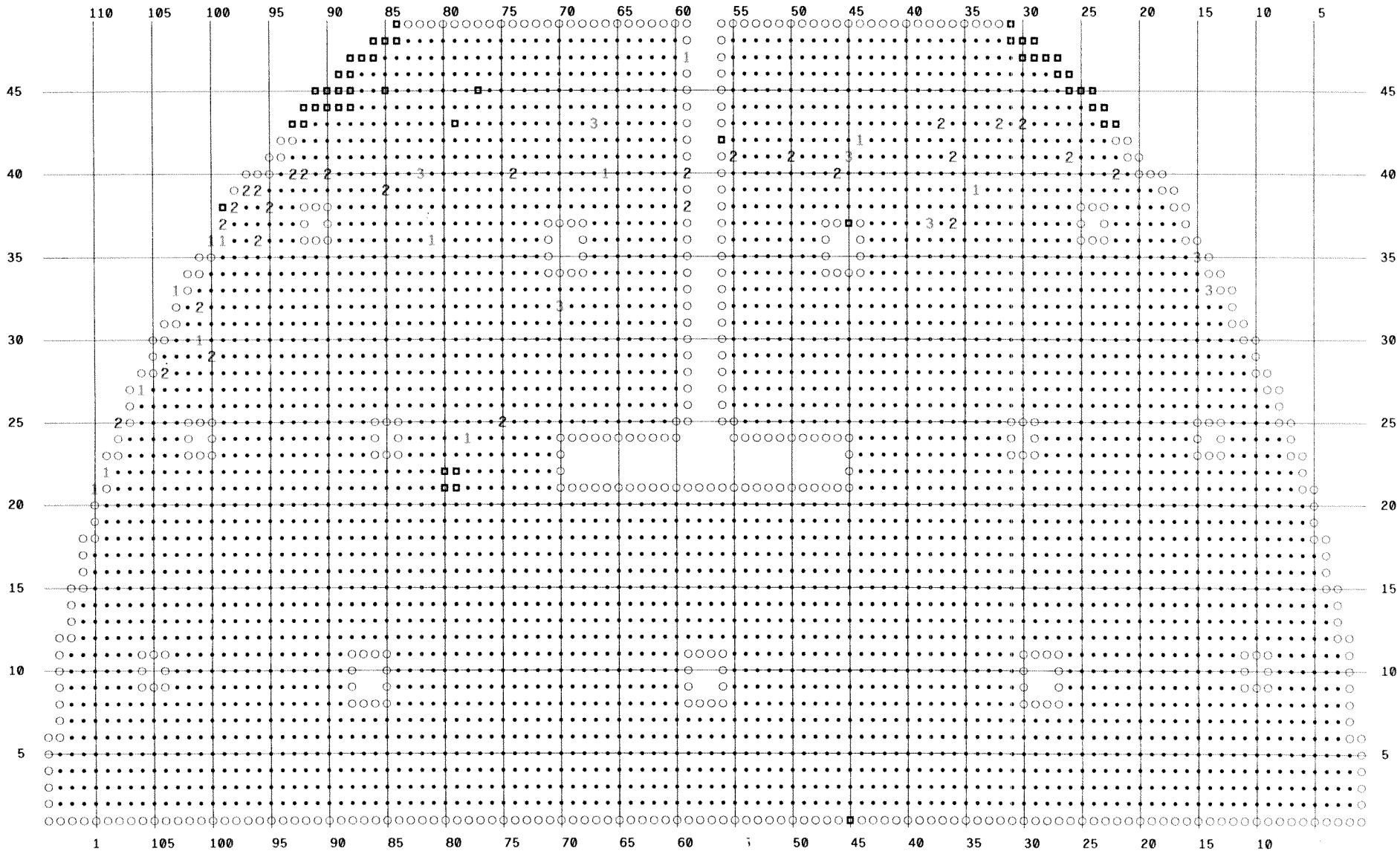
Braidwood A2R12 CDE D5

1 13 INDICATION 1 TO 19 PERCENT

2 28 INDICATION 20 TO 29 PERCENT

3 7 INDICATION 30 TO 39 PERCENT

48 PLUGGED TUBE



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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
33	14	2.66	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
33	14	1.37	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
35	15	1.72	0	PCT	21	P2	AV2	.03						TEC	TEH	.610	ZBAZC	17	H
35	15	3.85	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	ZBAZC	17	H
35	15	1.76	0	PCT	22	P2	AV4	.00						TEC	TEH	.610	ZBAZC	17	H
40	22	1.55	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	15	H
40	22	1.11	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	15	H
41	26	1.26	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	15	H
43	30	2.02	0	PCT	27	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	11	H
43	32	1.10	0	PCT	20	P2	AV1	-.06						TEC	TEH	.610	ZBAZC	11	H
43	32	.94	0	PCT	18	P2	AV2	.05						TEC	TEH	.610	ZBAZC	11	H
39	34	1.01	0	PCT	19	P2	AV1	-.03						TEC	TEH	.610	ZBAZC	11	H
37	36	.78	0	PCT	16	P2	AV1	.02						TEC	TEH	.610	ZBAZC	11	H
37	36	.84	0	PCT	17	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	11	H
37	36	1.23	0	PCT	21	P2	AV3	-.28						TEC	TEH	.610	ZBAZC	11	H
37	36	.82	0	PCT	17	P2	AV4	-.05						TEC	TEH	.610	ZBAZC	11	H
41	36	1.44	0	PCT	23	P2	AV1	-.06						TEC	TEH	.610	ZBAZC	11	H
43	37	1.11	0	PCT	15	P2	AV1	.03						TEC	TEH	.610	ZBAZC	5	H
43	37	2.52	0	PCT	28	P2	AV2	.02						TEC	TEH	.610	ZBAZC	5	H
43	37	2.12	0	PCT	25	P2	AV3	.02						TEC	TEH	.610	ZBAZC	5	H
37	38	.80	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	7	H
37	38	2.87	0	PCT	32	P2	AV2	.00						TEC	TEH	.610	ZBAZC	7	H
37	38	2.62	0	PCT	31	P2	AV3	.10						TEC	TEH	.610	ZBAZC	7	H
37	38	.92	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	7	H
42	44	.73	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	7	H
42	44	.94	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	7	H
41	45	3.36	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	1	H
41	45	1.64	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	1	H
40	46	.96	0	PCT	18	P2	AV2	.22						TEC	TEH	.610	ZBAZC	3	H
40	46	1.30	0	PCT	22	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	3	H
41	50	1.68	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
41	55	2.02	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
41	55	2.28	0	PCT	29	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
41	55	1.19	0	PCT	20	P2	AV4	.08						TEC	TEH	.610	ZBAZC	27	H
38	59	1.85	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
40	59	.95	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	25	H
40	59	1.23	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
40	59	2.07	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
40	59	.58	0	PCT	10	P2	AV4	.00						TEC	TEH	.610	ZBAZC	25	H
47	59	1.23	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	ZBAZC	25	H
40	66	.92	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
43	67	1.12	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	37	H
43	67	3.91	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	37	H
43	67	3.76	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	37	H
43	67	.92	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	ZBAZC	37	H
32	70	.90	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	41	H
32	70	1.32	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	41	H
32	70	4.37	0	PCT	38	P2	AV3	.00						TEC	TEH	.610	ZBAZC	41	H
40	74	.93	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
40	74	1.73	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
25	75	1.48	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	41	H
24	78	.67	0	PCT	14	P2	AV4	.08						TEC	TEH	.610	SBACC	47	H
36	81	.98	0	PCT	17	P2	AV2	-.05						TEC	TEH	.610	SBACC	45	H
40	82	2.49	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	SBACC	47	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
39	85	1.15	0	PCT	19	P2	AV2	-.10						TEC	TEH	.610	SBACC	45	H
39	85	1.56	0	PCT	23	P2	AV3	-.25						TEC	TEH	.610	SBACC	45	H
40	90	.87	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
40	90	1.60	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
40	92	.87	0	PCT	17	P2	AV2	-.03						TEC	TEH	.610	SBACC	51	H
40	92	1.73	0	PCT	25	P2	AV3	-.13						TEC	TEH	.610	SBACC	51	H
40	93	.71	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	49	H
40	93	1.79	0	PCT	26	P2	AV3	.08						TEC	TEH	.610	SBACC	49	H
38	95	1.96	0	PCT	26	P2	AV2	-.05						TEC	TEH	.610	SBACC	53	H
36	96	1.51	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	55	H
36	96	.74	0	PCT	15	P2	AV4	.03						TEC	TEH	.610	SBACC	55	H
39	96	1.15	0	PCT	20	P2	AV1	.14						TEC	TEH	.610	SBACC	55	H
39	96	2.27	0	PCT	29	P2	AV3	.25						TEC	TEH	.610	SBACC	55	H
39	96	.73	0	PCT	15	P2	AV4	.03						TEC	TEH	.610	SBACC	55	H
39	97	1.42	0	PCT	21	P2	AV1	.10						TEC	TEH	.610	SBACC	53	H
39	97	.86	0	PCT	15	P2	AV2	-.13						TEC	TEH	.610	SBACC	53	H
39	97	2.44	0	PCT	29	P2	AV3	-.13						TEC	TEH	.610	SBACC	53	H
39	97	.83	0	PCT	15	P2	AV4	-.10						TEC	TEH	.610	SBACC	53	H
38	98	1.19	0	PCT	21	P2	AV3	.18						TEC	TEH	.610	SBACC	55	H
38	98	1.31	0	PCT	22	P2	AV4	.10						TEC	TEH	.610	SBACC	55	H
36	99	1.09	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	53	H
36	99	1.24	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	SBACC	53	H
37	99	1.71	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	SBACC	53	H
29	100	1.47	0	PCT	23	P2	AV2	-.17						TEC	TEH	.610	SBACC	55	H
29	100	.70	0	PCT	15	P2	AV3	.17						TEC	TEH	.610	SBACC	55	H
36	100	1.02	0	PCT	19	P2	AV2	.18						TEC	TEH	.610	SBACC	55	H
30	101	.67	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	SBACC	53	H
30	101	1.10	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	53	H
32	101	2.12	0	PCT	27	P2	AV3	.03						TEC	TEH	.610	SBACC	53	H
33	103	1.11	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	53	H
28	104	1.67	0	PCT	25	P2	AV2	-.05						TEC	TEH	.610	SBACC	55	H
27	106	.85	0	PCT	17	P2	AV3	-.05						TEC	TEH	.610	SBACC	55	H
25	108	1.81	0	PCT	26	P2	AV1	.08						TEC	TEH	.610	SBACC	55	H
25	108	.74	0	PCT	15	P2	AV2	.05						TEC	TEH	.610	SBACC	55	H
25	108	.71	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	SBACC	55	H
25	108	1.36	0	PCT	22	P2	AV4	.11						TEC	TEH	.610	SBACC	55	H
22	109	.93	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	55	H
21	110	.76	0	PCT	16	P2	AV4	-.11						TEC	TEH	.610	SBACC	55	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 48 Records: 92

SG - C ANTI-VIBRATION BAR WEAR INDICATIONS

MOST SEVERE INDICATION PER TUBE

Braidwood A2R12 CDE D5

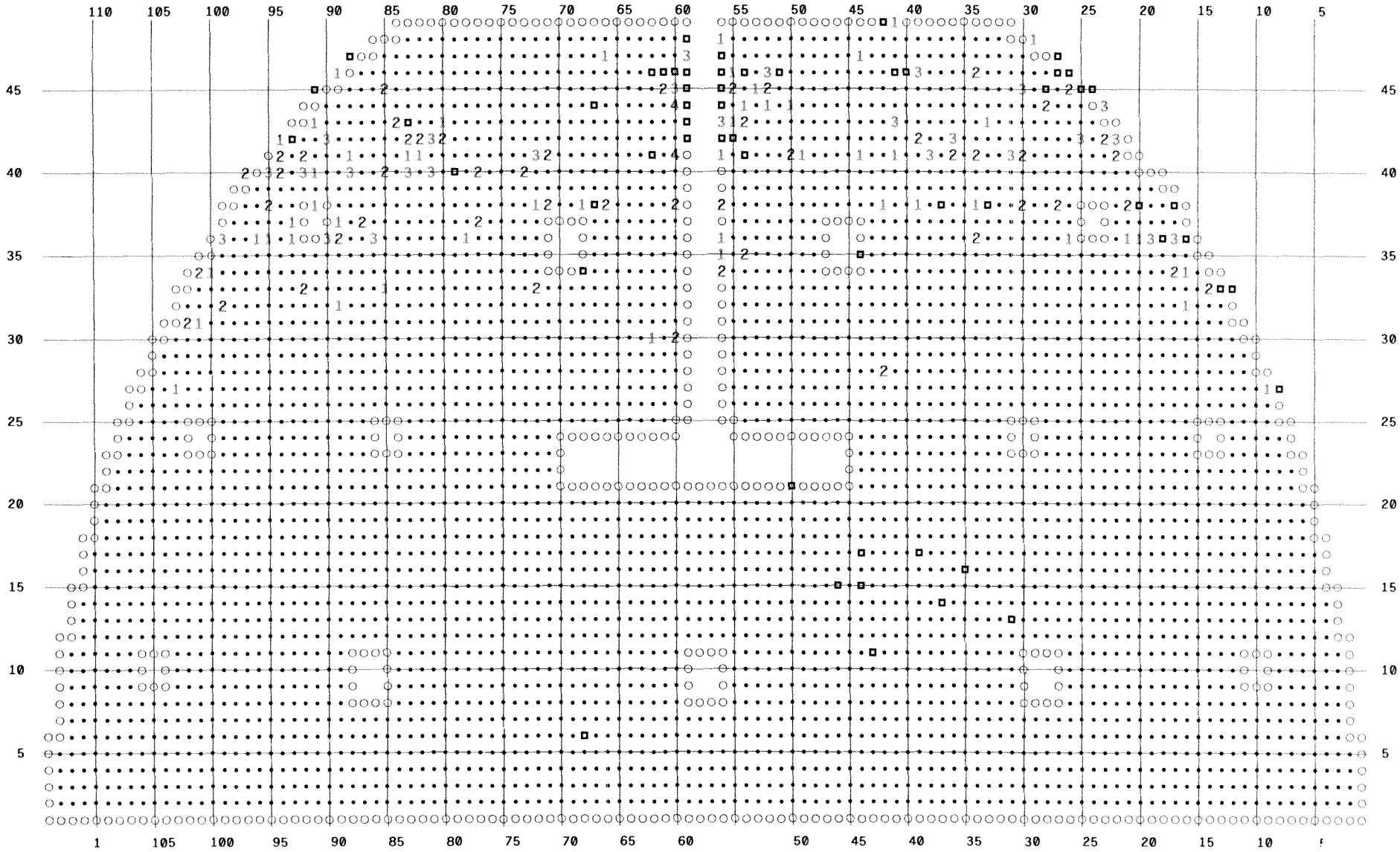
1 50 INDICATION 1 TO 19 PERCENT

2 50 INDICATION 20 TO 29 PERCENT

3 26 INDICATION 30 TO 39 PERCENT

4 2 INDICATION 40 TO 49 PERCENT

56 PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/27/2006 10:19:33

Braidwood 2 A2R12 CDE 20061001 10/27/2006 09:18:55

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
27	9	1.03	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	21	H
27	9	1.22	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	21	H
33	14	1.35	0	PCT	20	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	21	H
33	14	1.41	0	PCT	21	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	21	H
33	14	2.21	0	PCT	27	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	21	H
32	16	1.03	0	PCT	16	P2	AV2	.13						TEC	TEH	.610	ZBAZC	23	H
34	16	.83	0	PCT	15	P2	AV3	.08						TEC	TEH	.610	ZBAZC	23	H
34	17	.82	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	23	H
34	17	1.48	0	PCT	20	P2	AV3	.08						TEC	TEH	.610	ZBAZC	23	H
36	17	2.88	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
36	17	1.97	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
36	19	2.66	0	PCT	29	P2	AV2	.08						TEC	TEH	.610	ZBAZC	23	H
36	19	4.03	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
36	19	.84	0	PCT	15	P2	AV4	.13						TEC	TEH	.610	ZBAZC	23	H
36	20	1.05	0	PCT	17	P2	AV3	.03						TEC	TEH	.610	ZBAZC	23	H
36	20	.93	0	PCT	14	P2	AV4	.03						TEC	TEH	.610	ZBAZC	23	H
36	21	.84	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
38	21	1.68	0	PCT	22	P2	AV2	.14						TEC	TSH	.610	ZBAZC	27	H
38	21	1.34	0	PCT	19	P2	AV3	-.05						TEC	TSH	.610	ZBAZC	27	H
38	21	1.87	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	63	H
38	21	1.56	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	63	H
41	22	.87	0	PCT	16	P2	AV2	.08						TEC	TEH	.610	ZBAZC	25	H
41	22	2.13	0	PCT	27	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	25	H
41	22	1.50	0	PCT	22	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	25	H
42	22	2.82	0	PCT	30	P2	AV3	.03						TEC	TEH	.610	ZBAZC	27	H
42	22	1.86	0	PCT	23	P2	AV4	.05						TEC	TEH	.610	ZBAZC	27	H
42	23	1.61	0	PCT	21	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	27	H
44	23	.95	0	PCT	15	P2	AV1	.13						TEC	TEH	.610	ZBAZC	27	H
44	23	3.29	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
44	23	4.17	0	PCT	37	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
44	23	.67	0	PCT	11	P2	AV4	.12						TEC	TEH	.610	ZBAZC	27	H
42	25	3.09	0	PCT	32	P2	AV2	.03						TEC	TEH	.610	ZBAZC	27	H
42	25	3.20	0	PCT	32	P2	AV3	.05						TEC	TEH	.610	ZBAZC	27	H
42	25	1.58	0	PCT	21	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	27	H
36	26	.98	0	PCT	15	P2	AV2	.19						TEC	TEH	.610	ZBAZC	23	H
36	26	1.28	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
45	26	1.00	0	PCT	17	P2	AV2	.08						TEC	TEH	.610	ZBAZC	25	H
45	26	2.04	0	PCT	26	P2	AV3	.18						TEC	TEH	.610	ZBAZC	25	H
38	27	2.25	0	PCT	26	P2	AV2	.39						TEC	TEH	.610	ZBAZC	27	H
38	27	1.46	0	PCT	20	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	27	H
44	28	1.10	0	PCT	16	P2	AV2	.16						TEC	TEH	.610	ZBAZC	27	H
44	28	1.76	0	PCT	23	P2	AV3	.08						TEC	TEH	.610	ZBAZC	27	H
48	29	.46	0	PCT	10	P2	AV4	.00						TEC	TEH	.610	ZBAZC	25	H
38	30	1.95	0	PCT	24	P2	AV2	.03						TEC	TEH	.610	ZBAZC	27	H
38	30	1.98	0	PCT	24	P2	AV3	.08						TEC	TEH	.610	ZBAZC	27	H
41	30	.98	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
41	30	1.27	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
45	30	1.67	0	PCT	24	P2	AV2	-.18						TEC	TEH	.610	ZBAZC	25	H
45	30	3.46	0	PCT	34	P2	AV3	.10						TEC	TEH	.610	ZBAZC	25	H
45	30	1.43	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	ZBAZC	25	H
41	31	1.85	0	PCT	25	P2	AV1	-.13						TEC	TEH	.610	ZBAZC	25	H
41	31	2.57	0	PCT	30	P2	AV2	.15						TEC	TEH	.610	ZBAZC	25	H
41	31	2.07	0	PCT	27	P2	AV3	.13						TEC	TEH	.610	ZBAZC	25	H
41	31	.90	0	PCT	16	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	25	H
43	33	.93	0	PCT	17	P2	AV2	.18						TEC	TEH	.610	ZBAZC	25	H

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
36	34	2.47	0	PCT	28	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	23	H
38	34	1.08	0	PCT	16	P2	AV2	.05						TEC	TEH	.610	ZBAZC	23	H
41	34	1.97	0	PCT	26	P2	AV2	.08						TEC	TEH	.610	ZBAZC	25	H
41	34	2.35	0	PCT	28	P2	AV3	.13						TEC	TEH	.610	ZBAZC	25	H
46	34	2.48	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
46	34	2.37	0	PCT	27	P2	AV3	.08						TEC	TEH	.610	ZBAZC	27	H
46	34	1.67	0	PCT	22	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	27	H
41	36	1.23	0	PCT	20	P2	AV2	.10						TEC	TEH	.610	ZBAZC	25	H
41	36	1.57	0	PCT	21	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	25	H
42	36	.96	0	PCT	15	P2	AV2	.08						TEC	TEH	.610	ZBAZC	27	H
42	36	3.00	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
42	36	1.38	0	PCT	19	P2	AV4	.16						TEC	TEH	.610	ZBAZC	27	H
41	38	2.85	0	PCT	31	P2	AV2	.10						TEC	TEH	.610	ZBAZC	25	H
41	38	1.67	0	PCT	24	P2	AV3	.05						TEC	TEH	.610	ZBAZC	25	H
38	39	.92	0	PCT	16	P2	AV2	.08						TEC	TEH	.610	ZBAZC	23	H
38	39	1.31	0	PCT	19	P2	AV3	.13						TEC	TEH	.610	ZBAZC	23	H
42	39	1.46	0	PCT	20	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	27	H
42	39	2.35	0	PCT	27	P2	AV3	-.10						TEC	TEH	.610	ZBAZC	27	H
46	39	2.31	0	PCT	27	P2	AV2	.05						TEC	TEH	.610	ZBAZC	27	H
46	39	4.68	0	PCT	39	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
41	41	.79	0	PCT	15	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	25	H
41	41	.54	0	PCT	11	P2	AV4	.28						TEC	TEH	.610	ZBAZC	25	H
43	41	1.22	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	25	H
43	41	3.72	0	PCT	35	P2	AV2	.15						TEC	TEH	.610	ZBAZC	25	H
43	41	2.90	0	PCT	31	P2	AV3	.03						TEC	TEH	.610	ZBAZC	25	H
49	41	.52	0	PCT	11	P2	AV1	.00						TEC	TEH	.610	ZBAZC	25	H
28	42	1.49	0	PCT	21	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	15	H
38	42	.85	0	PCT	15	P2	AV1	.03						TEC	TEH	.610	ZBAZC	23	H
41	44	.62	0	PCT	13	P2	AV2	.05						TEC	TEH	.610	ZBAZC	25	H
47	44	1.04	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	ZBAZC	25	H
41	49	1.23	0	PCT	19	P2	AV1	.10						TEC	TEH	.610	ZBAZC	33	H
41	50	.85	0	PCT	13	P2	AV1	-.03						TEC	TEH	.610	ZBAZC	35	H
41	50	1.05	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	35	H
41	50	2.65	0	PCT	29	P2	AV3	.18						TEC	TEH	.610	ZBAZC	35	H
44	50	1.17	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	35	H
44	50	.88	0	PCT	14	P2	AV2	.05						TEC	TEH	.610	ZBAZC	35	H
44	52	1.08	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	33	H
44	52	.90	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	ZBAZC	33	H
45	52	1.15	0	PCT	17	P2	AV1	.13						TEC	TEH	.610	ZBAZC	35	H
45	52	1.96	0	PCT	24	P2	AV3	.13						TEC	TEH	.610	ZBAZC	35	H
46	52	1.63	0	PCT	21	P2	AV3	.16						TEC	TEH	.610	ZBAZC	35	H
46	52	2.82	0	PCT	30	P2	AV4	.06						TEC	TEH	.610	ZBAZC	35	H
45	53	.78	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	ZBAZC	33	H
45	53	.88	0	PCT	14	P2	AV3	.05						TEC	TEH	.610	ZBAZC	33	H
35	54	1.49	0	PCT	20	P2	AV1	-.26						TEC	TEH	.610	ZBAZC	35	H
43	54	1.24	0	PCT	18	P2	AV2	.05						TEC	TEH	.610	ZBAZC	35	H
43	54	1.80	0	PCT	23	P2	AV3	.03						TEC	TEH	.610	ZBAZC	35	H
44	54	.86	0	PCT	14	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	33	H
43	55	.92	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	35	H
45	55	1.47	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	33	H
45	55	1.90	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	33	H
45	55	1.20	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	33	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
46	55	.56	0	PCT	10	P2	AV3	.00						TEC	TEH	.610	ZBAZC	33	H
34	56	1.57	0	PCT	21	P2	AV1	.00						TEC	TEH	.610	ZBAZC	35	H
35	56	1.23	0	PCT	17	P2	AV2	.16						TEC	TEH	.610	ZBAZC	35	H
36	56	1.42	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	35	H
38	56	1.66	0	PCT	22	P2	AV3	.10						TEC	TEH	.610	ZBAZC	35	H
41	56	.82	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	ZBAZC	35	H
43	56	3.48	0	PCT	34	P2	AV1	.00						TEC	TEH	.610	ZBAZC	33	H
43	56	1.55	0	PCT	21	P2	AV4	.00						TEC	TEH	.610	ZBAZC	33	H
48	56	.76	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	ZBAZC	33	H
47	59	3.67	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
47	59	1.09	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
30	60	2.63	0	PCT	28	P2	AV1	.00						TEC	TEH	.610	ZBAZC	39	H
30	60	2.58	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
30	60	1.64	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
38	60	2.28	0	PCT	26	P2	AV1	.00						TEC	TEH	.610	ZBAZC	39	H
38	60	2.14	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
38	60	1.86	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
38	60	.81	0	PCT	12	P2	AV4	.00						TEC	TEH	.610	ZBAZC	39	H
41	60	2.46	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
41	60	5.03	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
41	60	4.56	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	107	H
44	60	4.97	0	PCT	40	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
44	60	6.92	0	PCT	46	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
44	60	4.63	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	107	H
44	60	6.34	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	107	H
45	60	3.53	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
45	60	1.56	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
45	61	1.47	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
45	61	1.72	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
45	61	1.13	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	39	H
30	62	1.12	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
38	66	2.67	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	ZBAZC	37	H
38	66	1.29	0	PCT	18	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	37	H
47	66	.88	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	37	H
38	68	1.29	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	37	H
38	71	1.87	0	PCT	23	P2	AV2	.11						TEC	TEH	.610	ZBAZC	39	H
38	71	2.14	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
41	71	1.52	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	39	H
33	72	.72	0	PCT	12	P2	AV2	.16						TEC	TEH	.610	ZBAZC	37	H
33	72	1.73	0	PCT	22	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	37	H
38	72	1.40	0	PCT	19	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	37	H
41	72	2.34	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	ZBAZC	37	H
41	72	4.20	0	PCT	37	P2	AV3	.00						TEC	TEH	.610	ZBAZC	37	H
40	73	1.71	0	PCT	23	P2	AV3	.11						TEC	TEH	.610	ZBAZC	41	H
37	77	.91	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	41	H
37	77	1.46	0	PCT	21	P2	AV3	.19						TEC	TEH	.610	ZBAZC	41	H
40	77	1.59	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	41	H
40	77	1.54	0	PCT	22	P2	AV3	.03						TEC	TEH	.610	ZBAZC	41	H
36	78	1.13	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	45	H
42	80	1.04	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	SBACC	45	H
42	80	1.93	0	PCT	24	P2	AV3	.15						TEC	TEH	.610	SBACC	45	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
43	80	.96	0	PCT	15	P2	AV2	.08					TEC	TEH		.610	SBACC	45	H
40	81	1.53	0	PCT	20	P2	AV1	.00					TEC	TEH		.610	SBACC	47	H
40	81	3.99	0	PCT	36	P2	AV2	.00					TEC	TEH		.610	SBACC	47	H
40	81	1.86	0	PCT	23	P2	AV3	.00					TEC	TEH		.610	SBACC	47	H
42	81	1.07	0	PCT	16	P2	AV1	.00					TEC	TEH		.610	SBACC	47	H
42	81	3.72	0	PCT	35	P2	AV2	.00					TEC	TEH		.610	SBACC	47	H
42	81	2.77	0	PCT	30	P2	AV3	.00					TEC	TEH		.610	SBACC	47	H
42	81	1.48	0	PCT	20	P2	AV4	.00					TEC	TEH		.610	SBACC	47	H
41	82	1.17	0	PCT	18	P2	AV2	.16					TEC	TEH		.610	SBACC	45	H
42	82	2.12	0	PCT	26	P2	AV2	.00					TEC	TEH		.610	SBACC	45	H
42	82	1.43	0	PCT	20	P2	AV3	.08					TEC	TEH		.610	SBACC	45	H
40	83	1.19	0	PCT	17	P2	AV1	.13					TEC	TEH		.610	SBACC	47	H
40	83	4.07	0	PCT	36	P2	AV2	.00					TEC	TEH		.610	SBACC	47	H
40	83	4.74	0	PCT	39	P2	AV3	.00					TEC	TEH		.610	SBACC	47	H
41	83	1.15	0	PCT	17	P2	AV1	.00					TEC	TEH		.610	SBACC	47	H
41	83	1.30	0	PCT	18	P2	AV2	.00					TEC	TEH		.610	SBACC	47	H
41	83	1.19	0	PCT	17	P2	AV3	.00					TEC	TEH		.610	SBACC	47	H
42	83	.87	0	PCT	13	P2	AV2	.00					TEC	TEH		.610	SBACC	47	H
42	83	1.79	0	PCT	23	P2	AV3	-.03					TEC	TEH		.610	SBACC	47	H
43	84	1.26	0	PCT	18	P2	AV2	.05					TEC	TEH		.610	SBACC	45	H
43	84	2.05	0	PCT	25	P2	AV3	-.05					TEC	TEH		.610	SBACC	45	H
33	85	1.05	0	PCT	16	P2	AV3	-.03					TEC	TEH		.610	SBACC	51	H
40	85	2.54	0	PCT	28	P2	AV2	.11					TEC	TEH		.610	SBACC	51	H
40	85	1.87	0	PCT	24	P2	AV3	.05					TEC	TEH		.610	SBACC	51	H
45	85	.93	0	PCT	14	P2	AV2	.00					TEC	TEH		.610	SBACC	47	H
45	85	1.94	0	PCT	24	P2	AV3	.00					TEC	TEH		.610	SBACC	47	H
36	86	1.78	0	PCT	24	P2	AV2	.10					TEC	TEH		.610	SBACC	49	H
36	86	2.80	0	PCT	31	P2	AV3	-.26					TEC	TEH		.610	SBACC	49	H
36	86	1.78	0	PCT	24	P2	AV4	-.13					TEC	TEH		.610	SBACC	49	H
37	87	.73	0	PCT	12	P2	AV1	.00					TEC	TEH		.610	SBACC	51	H
37	87	1.39	0	PCT	20	P2	AV2	.13					TEC	TEH		.610	SBACC	51	H
37	87	1.43	0	PCT	20	P2	AV3	-.03					TEC	TEH		.610	SBACC	51	H
37	87	.65	0	PCT	11	P2	AV4	.00					TEC	TEH		.610	SBACC	51	H
40	88	1.39	0	PCT	20	P2	AV2	.00					TEC	TEH		.610	SBACC	49	H
40	88	2.82	0	PCT	31	P2	AV3	.10					TEC	TEH		.610	SBACC	49	H
41	88	.98	0	PCT	16	P2	AV1	-.06					TEC	TEH		.610	SBACC	49	H
41	88	1.12	0	PCT	18	P2	AV2	-.03					TEC	TEH		.610	SBACC	49	H
32	89	.99	0	PCT	15	P2	AV2	-.03					TEC	TEH		.610	SBACC	51	H
36	89	1.82	0	PCT	23	P2	AV3	-.03					TEC	TEH		.610	SBACC	51	H
37	89	.93	0	PCT	15	P2	AV3	-.05					TEC	TEH		.610	SBACC	51	H
46	89	.73	0	PCT	12	P2	AV4	.00					TEC	TEH		.610	SBACC	51	H
36	90	2.23	0	PCT	27	P2	AV2	.00					TEC	TEH		.610	SBACC	49	H
36	90	3.33	0	PCT	33	P2	AV3	.00					TEC	TEH		.610	SBACC	49	H
36	90	1.34	0	PCT	20	P2	AV4	.09					TEC	TEH		.610	SBACC	49	H
42	90	1.51	0	PCT	21	P2	AV1	-.05					TEC	TEH		.610	SBACC	49	H
42	90	2.75	0	PCT	30	P2	AV2	.00					TEC	TEH		.610	SBACC	49	H
42	90	3.54	0	PCT	34	P2	AV3	.00					TEC	TEH		.610	SBACC	49	H
42	90	1.56	0	PCT	22	P2	AV4	.09					TEC	TEH		.610	SBACC	49	H
38	91	1.34	0	PCT	19	P2	AV2	.00					TEC	TEH		.610	SBACC	51	H
40	91	1.38	0	PCT	19	P2	AV3	.11					TEC	TEH		.610	SBACC	51	H
40	91	1.07	0	PCT	16	P2	AV4	.32					TEC	TEH		.610	SBACC	51	H
43	91	.64	0	PCT	11	P2	AV4	.00					TEC	TEH		.610	SBACC	51	H
33	92	1.33	0	PCT	20	P2	AV3	.05					TEC	TEH		.610	SBACC	49	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
40	92	2.05	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	SBACC	49	H
40	92	3.88	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	SBACC	49	H
40	92	1.06	0	PCT	17	P2	AV4	.03						TEC	TEH	.610	SBACC	49	H
41	92	1.75	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	49	H
41	92	2.12	0	PCT	27	P2	AV3	.10						TEC	TEH	.610	SBACC	49	H
41	92	1.32	0	PCT	19	P2	AV4	.06						TEC	TEH	.610	SBACC	49	H
36	93	.93	0	PCT	15	P2	AV2	-.08						TEC	TEH	.610	SBACC	51	H
36	93	1.07	0	PCT	16	P2	AV3	.08						TEC	TEH	.610	SBACC	51	H
37	93	.70	0	PCT	12	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
37	93	.93	0	PCT	15	P2	AV3	.05						TEC	TEH	.610	SBACC	51	H
40	94	1.01	0	PCT	17	P2	AV2	-.06						TEC	TEH	.610	SBACC	49	H
40	94	1.74	0	PCT	24	P2	AV3	.06						TEC	TEH	.610	SBACC	49	H
41	94	1.66	0	PCT	23	P2	AV3	.06						TEC	TEH	.610	SBACC	49	H
42	94	.89	0	PCT	16	P2	AV4	.22						TEC	TEH	.610	SBACC	49	H
36	95	.82	0	PCT	13	P2	AV3	.19						TEC	TEH	.610	SBACC	51	H
38	95	1.33	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
38	95	1.63	0	PCT	22	P2	AV3	.11						TEC	TEH	.610	SBACC	51	H
40	95	2.76	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
40	95	1.24	0	PCT	18	P2	AV3	-.03						TEC	TEH	.610	SBACC	51	H
40	95	.92	0	PCT	15	P2	AV4	.25						TEC	TEH	.610	SBACC	51	H
36	96	1.14	0	PCT	19	P2	AV2	-.05						TEC	TEH	.610	SBACC	49	H
36	96	1.15	0	PCT	19	P2	AV3	-.03						TEC	TEH	.610	SBACC	49	H
40	97	1.08	0	PCT	16	P2	AV3	.35						TEC	TEH	.610	SBACC	51	H
40	97	1.74	0	PCT	23	P2	AV4	.06						TEC	TEH	.610	SBACC	51	H
32	99	1.43	0	PCT	20	P2	AV3	-.05						TEC	TEH	.610	SBACC	51	H
36	99	.95	0	PCT	15	P2	AV1	-.03						TEC	TEH	.610	SBACC	51	H
36	99	1.42	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	SBACC	51	H
36	99	3.54	0	PCT	34	P2	AV3	.00						TEC	TEH	.610	SBACC	51	H
36	99	1.48	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	SBACC	51	H
34	100	1.11	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	49	H
31	101	1.29	0	PCT	19	P2	AV3	-.05						TEC	TEH	.610	SBACC	51	H
34	101	.95	0	PCT	15	P2	AV2	-.05						TEC	TEH	.610	SBACC	51	H
34	101	2.22	0	PCT	26	P2	AV3	.14						TEC	TEH	.610	SBACC	51	H
31	102	1.12	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	SBACC	49	H
31	102	1.31	0	PCT	20	P2	AV3	-.03						TEC	TEH	.610	SBACC	49	H
27	103	.67	0	PCT	12	P2	AV2	.05						TEC	TEH	.610	SBACC	51	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 128 Records: 247

SG - D ANTI-VIBRATION BAR WEAR INDICATIONS

MOST SEVERE INDICATION PER TUBE

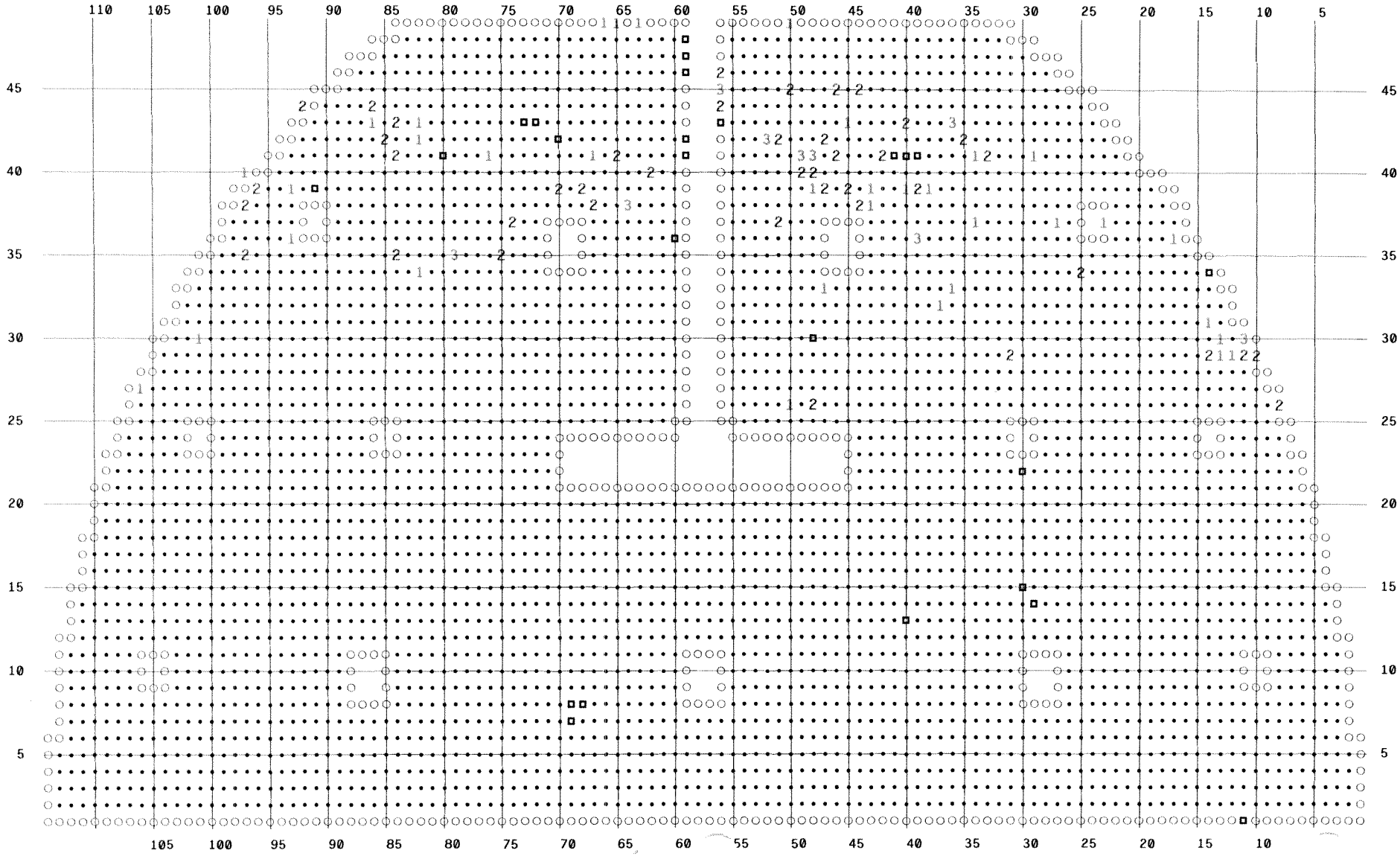
Braidwood A2R12 CDE D5

1 35 INDICATION 1 TO 19 PERCENT

2 42 INDICATION 20 TO 29 PERCENT

3 9 INDICATION 30 TO 39 PERCENT

25 PLUGGED TUBE



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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
26	8	1.64	0	PCT	24	P2	AV1	.00						TEC	TEH	.610	ZBAZC	23	H
26	8	1.15	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	ZBAZC	23	H
29	10	1.54	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
29	10	2.09	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
29	11	1.44	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	21	H
29	11	1.22	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	21	H
30	11	2.69	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	ZBAZC	21	H
30	11	.75	0	PCT	14	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	21	H
30	11	.83	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	ZBAZC	21	H
29	12	.85	0	PCT	16	P2	AV4	.03						TEC	TEH	.610	ZBAZC	23	H
29	13	.82	0	PCT	15	P2	AV2	.05						TEC	TEH	.610	ZBAZC	21	H
30	13	.81	0	PCT	15	P2	AV2	.23						TEC	TEH	.610	ZBAZC	21	H
30	13	.94	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	21	H
29	14	1.26	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
29	14	1.25	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
31	14	.70	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	23	H
36	17	1.15	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	21	H
37	23	.94	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	21	H
34	25	1.01	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	17	H
34	25	1.41	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	17	H
37	27	1.05	0	PCT	17	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	17	H
41	29	1.23	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	17	H
29	31	1.45	0	PCT	22	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	25	H
29	31	1.96	0	PCT	26	P2	AV4	-.14						TEC	TEH	.610	ZBAZC	25	H
41	33	1.85	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
37	34	1.21	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
37	34	1.24	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
41	34	1.19	0	PCT	18	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	27	H
42	35	1.94	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
42	35	.74	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
33	36	.97	0	PCT	15	P2	AV3	.03						TEC	TEH	.610	ZBAZC	27	H
43	36	1.72	0	PCT	23	P2	AV1	-.05						TEC	TEH	.610	ZBAZC	27	H
43	36	3.34	0	PCT	33	P2	AV3	-.11						TEC	TEH	.610	ZBAZC	27	H
32	37	.94	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
39	38	1.17	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
36	39	3.46	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
36	39	1.47	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
39	39	1.56	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
39	40	.99	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	27	H
43	40	1.29	0	PCT	19	P2	AV1	.08						TEC	TEH	.610	ZBAZC	27	H
43	40	1.23	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	27	H
43	40	1.59	0	PCT	22	P2	AV3	.03						TEC	TEH	.610	ZBAZC	27	H
43	40	1.25	0	PCT	18	P2	AV4	-.11						TEC	TEH	.610	ZBAZC	27	H
41	42	1.31	0	PCT	20	P2	AV2	-.24						TEC	TEH	.610	ZBAZC	31	H
41	42	1.00	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
38	43	.98	0	PCT	16	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	29	H
39	43	.86	0	PCT	15	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	29	H
38	44	1.70	0	PCT	23	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	31	H
38	44	1.42	0	PCT	21	P2	AV3	.08						TEC	TEH	.610	ZBAZC	31	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
45	44	1.18	0	PCT	19	P2	AV2	.05						TEC	TEH	.610	ZBAZC	31	H
45	44	1.75	0	PCT	24	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	31	H
39	45	1.00	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	29	H
39	45	1.64	0	PCT	23	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	29	H
43	45	.93	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	29	H
41	46	1.19	0	PCT	19	P2	AV2	.20						TEC	TEH	.610	ZBAZC	31	H
41	46	1.97	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	31	H
45	46	2.01	0	PCT	26	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	31	H
45	46	1.07	0	PCT	17	P2	AV4	-.21						TEC	TEH	.610	ZBAZC	31	H
33	47	.82	0	PCT	14	P2	AV2	.16						TEC	TEH	.610	ZBAZC	29	H
39	47	1.72	0	PCT	23	P2	AV2	.22						TEC	TEH	.610	ZBAZC	29	H
39	47	2.12	0	PCT	26	P2	AV3	.24						TEC	TEH	.610	ZBAZC	29	H
42	47	2.33	0	PCT	28	P2	AV3	-.21						TEC	TEH	.610	ZBAZC	29	H
26	48	1.80	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
39	48	.85	0	PCT	15	P2	AV2	.05						TEC	TEH	.610	ZBAZC	31	H
39	48	1.10	0	PCT	18	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	31	H
40	48	1.55	0	PCT	22	P2	AV2	.18						TEC	TEH	.610	ZBAZC	31	H
40	48	2.58	0	PCT	29	P2	AV3	-.16						TEC	TEH	.610	ZBAZC	31	H
41	48	3.21	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
41	48	1.18	0	PCT	18	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	31	H
40	49	1.40	0	PCT	21	P2	AV2	-.14						TEC	TEH	.610	ZBAZC	29	H
41	49	3.51	0	PCT	34	P2	AV2	.05						TEC	TEH	.610	ZBAZC	29	H
41	49	.90	0	PCT	15	P2	AV3	.11						TEC	TEH	.610	ZBAZC	29	H
26	50	.63	0	PCT	12	P2	AV2	.31						TEC	TEH	.610	ZBAZC	31	H
45	50	1.56	0	PCT	22	P2	AV1	.11						TEC	TEH	.610	ZBAZC	31	H
45	50	2.57	0	PCT	29	P2	AV2	.03						TEC	TEH	.610	ZBAZC	31	H
45	50	1.01	0	PCT	17	P2	AV3	.18						TEC	TEH	.610	ZBAZC	31	H
49	50	.85	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	31	H
37	51	1.53	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	29	H
42	51	.98	0	PCT	16	P2	AV1	.05						TEC	TEH	.610	ZBAZC	29	H
42	51	1.43	0	PCT	21	P2	AV2	.03						TEC	TEH	.610	ZBAZC	29	H
42	51	.84	0	PCT	15	P2	AV3	-.35						TEC	TEH	.610	ZBAZC	29	H
42	52	2.87	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	31	H
42	52	1.33	0	PCT	20	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	31	H
44	56	1.71	0	PCT	24	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	35	H
44	56	1.36	0	PCT	21	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	35	H
45	56	.86	0	PCT	16	P2	AV1	.03						TEC	TEH	.610	ZBAZC	35	H
45	56	2.07	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	ZBAZC	35	H
45	56	2.96	0	PCT	32	P2	AV3	.00						TEC	TEH	.610	ZBAZC	35	H
46	56	1.37	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	35	H
46	56	1.84	0	PCT	25	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	35	H
40	62	1.28	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	35	H
49	63	.48	0	PCT	10	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	33	H
38	64	1.54	0	PCT	23	P2	AV2	.13						TEC	TEH	.610	ZBAZC	35	H
38	64	2.53	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	ZBAZC	35	H
41	65	1.90	0	PCT	26	P2	AV3	-.33						TEC	TEH	.610	ZBAZC	33	H
49	65	.82	0	PCT	15	P2	AV1	.11						TEC	TEH	.610	ZBAZC	33	H
49	66	.84	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	35	H
38	67	1.45	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	33	H
41	67	.80	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	33	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
41	67	.92	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	33	H
39	68	1.32	0	PCT	21	P2	AV2	.29						TEC	TEH	.610	ZBAZC	35	H
39	68	.89	0	PCT	17	P2	AV3	-.16						TEC	TEH	.610	ZBAZC	35	H
39	70	1.11	0	PCT	18	P2	AV2	.10						TSC	TEH	.610	ZBAZC	39	H
39	70	1.34	0	PCT	20	P2	AV3	.05						TSC	TEH	.610	ZBAZC	39	H
37	74	1.19	0	PCT	20	P2	AV1	.08						TEC	TEH	.610	ZBAZC	39	H
37	74	1.00	0	PCT	18	P2	AV2	.03						TEC	TEH	.610	ZBAZC	39	H
37	74	1.24	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	39	H
35	75	1.39	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	41	H
41	76	1.24	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
35	79	1.37	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	41	H
35	79	4.58	0	PCT	39	P2	AV3	.00						TEC	TEH	.610	ZBAZC	41	H
35	79	.89	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	ZBAZC	41	H
34	82	1.14	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	41	H
42	82	.90	0	PCT	15	P2	AV2	.24						TEC	TEH	.610	ZBAZC	43	H
42	82	1.06	0	PCT	17	P2	AV3	.16						TEC	TEH	.610	ZBAZC	43	H
43	82	1.10	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
35	84	1.28	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
35	84	1.48	0	PCT	21	P2	AV4	.00						TEC	TEH	.610	ZBAZC	43	H
41	84	1.82	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
43	84	1.86	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
42	85	.95	0	PCT	16	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	45	H
42	85	1.68	0	PCT	23	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	45	H
43	86	.98	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	47	H
44	86	2.43	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	47	H
44	92	1.46	0	PCT	21	P2	AV4	.00						TEC	TEH	.610	ZBAZC	47	H
36	93	.89	0	PCT	15	P2	AV1	.20						TEC	TEH	.610	ZBAZC	45	H
36	93	1.02	0	PCT	17	P2	AV3	.11						TEC	TEH	.610	ZBAZC	45	H
39	93	1.00	0	PCT	16	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	45	H
39	96	1.42	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	47	H
39	96	1.01	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	47	H
35	97	1.53	0	PCT	22	P2	AV2	-.17						TEC	TEH	.610	ZBAZC	45	H
38	97	1.67	0	PCT	23	P2	AV1	.06						TEC	TEH	.610	ZBAZC	45	H
38	97	1.42	0	PCT	21	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	45	H
38	97	1.45	0	PCT	21	P2	AV3	.11						TEC	TEH	.610	ZBAZC	45	H
40	97	1.06	0	PCT	17	P2	AV2	-.19						TEC	TEH	.610	ZBAZC	45	H
40	97	1.28	0	PCT	19	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	45	H
30	101	.99	0	PCT	16	P2	AV2	.06						TEC	TEH	.610	SBACC	49	H
30	101	.98	0	PCT	16	P2	AV3	-.34						TEC	TEH	.610	SBACC	49	H
27	106	.99	0	PCT	18	P2	AV1	.03						TEC	TEH	.610	SBACC	51	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 86 Records: 139

Attachment B.6

Tubes Containing Preheater Wear

SG - B PREHEATER WEAR INDICATIONS

Braidwood A2R12 CDE D5

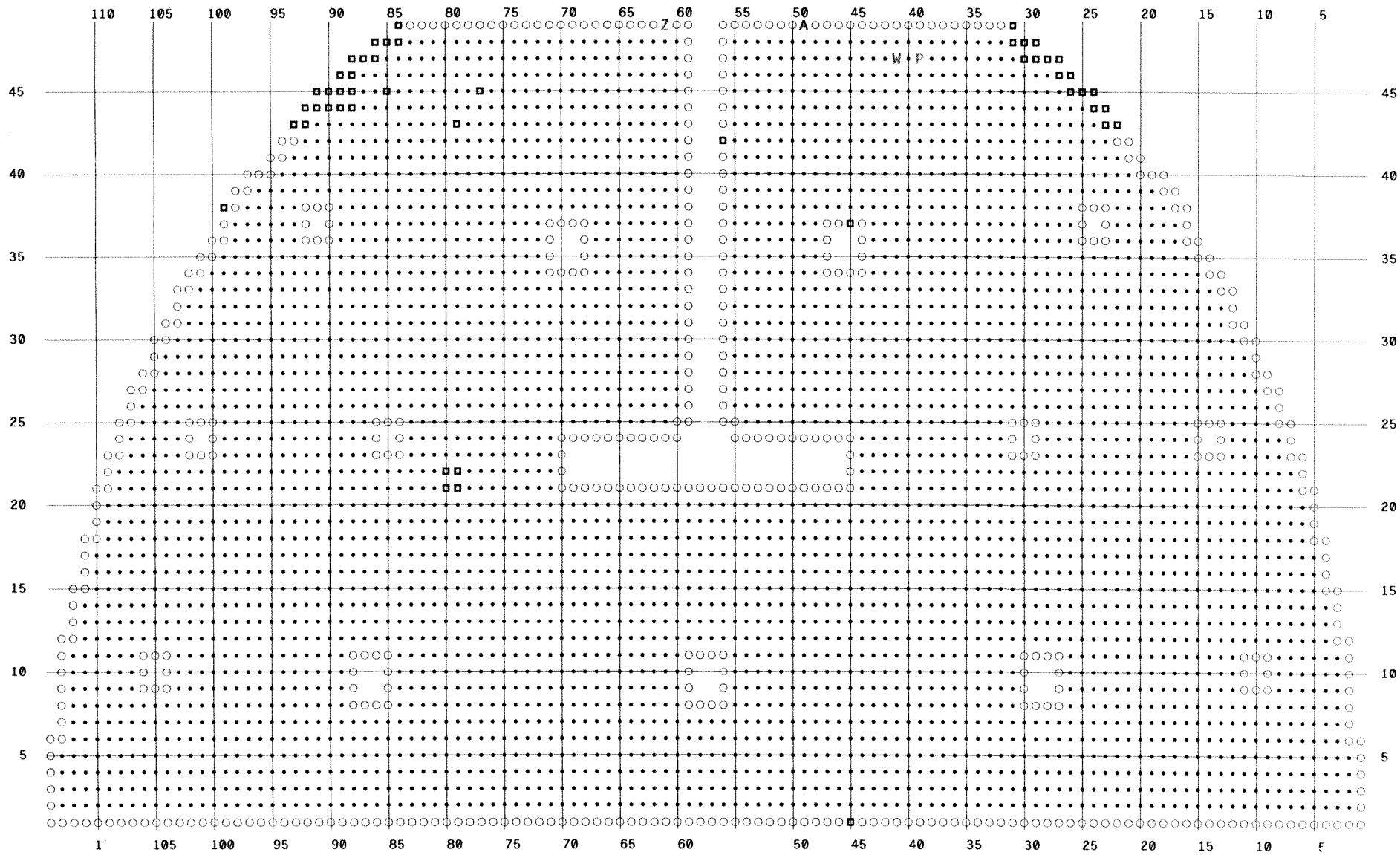
Z 1 PREHEATER WEAR INDICATION AT 07C OF 44 PERCENT

P 1 PREHEATER WEAR INDICATION AT 03C OF 3 PERCENT

W 1 PREHEATER WEAR INDICATION AT 03C OF 6 PERCENT

A 1 PREHEATER WEAR INDICATION AT 05C OF 3 PERCENT

48 PLUGGED TUBE



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SG - B Preheater Wear Indications

Braidwood 2 A2R12 CDE 20061001 10/26/2006 17:38:28

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
47	39	.17	99	VOL		2	03C	-.34						03C	03C	.610	ZPSNM	2	C
47	39	.79	0	RWS		P2	03C	.00						TEC	TEH	.610	ZBAZC	5	H
47	39			PBC										TEC	TEH	.610	SBACC	99	H
47	39	.14	0	PCT	3	P5	03C	-.59						TEC	TEH	.610	SBACC	103	H
47	41	.10	123	VOL		2	03C	.30						03C	03C	.610	ZPSNM	2	C
47	41	.79	0	RWS		P2	03C	.22						TEC	TEH	.610	ZBAZC	5	H
47	41			NDD										TSH	TSH	.610	ZPSNM	73	H
47	41			PBC										TEC	TEH	.610	SBACC	99	H
47	41	.14	0	PCT	6	P2	03C	.26						TEC	TEH	.610	SBACC	103	H
49	49	.30	79	VOL		2	05C	-.30						05C	05C	.610	ZPSNM	2	C
49	49	2.11	184	DNT		P1	AV2	.00						TEC	TEH	.610	ZBAZC	25	H
49	49	3.27	185	DNT		P1	AV3	.03						TEC	TEH	.610	ZBAZC	25	H
49	49	.21	0	RWS		P2	05C	.00						TEC	TEH	.610	ZBAZC	25	H
49	49			PBC										TEC	TEH	.610	SBACC	101	H
49	49			PBC										TEC	TEH	.610	SBACC	103	H
49	49	.17	0	PCT	3	P5	05C	-.48						TEC	TEH	.610	SBACC	103	H
49	61	7.58	0	RWS		P2	07C	.00						TEC	TEH	.610	ZBAZC	39	H
49	61	2.11	70	MBM		6	07C	8.84						TEC	TEH	.610	ZBAZC	39	H
49	61			PBC										TEC	TEH	.610	SBACC	99	H
49	61			PBC										TEC	TEH	.610	SBACC	103	H
49	61	2.70	80	PID		P5	07C	-.21						TEC	TEH	.610	SBACC	103	H
49	61	2.65	0	PCT	44	P5	07C	-.19						TEC	TEH	.610	SBACC	103	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 4 Records: 22

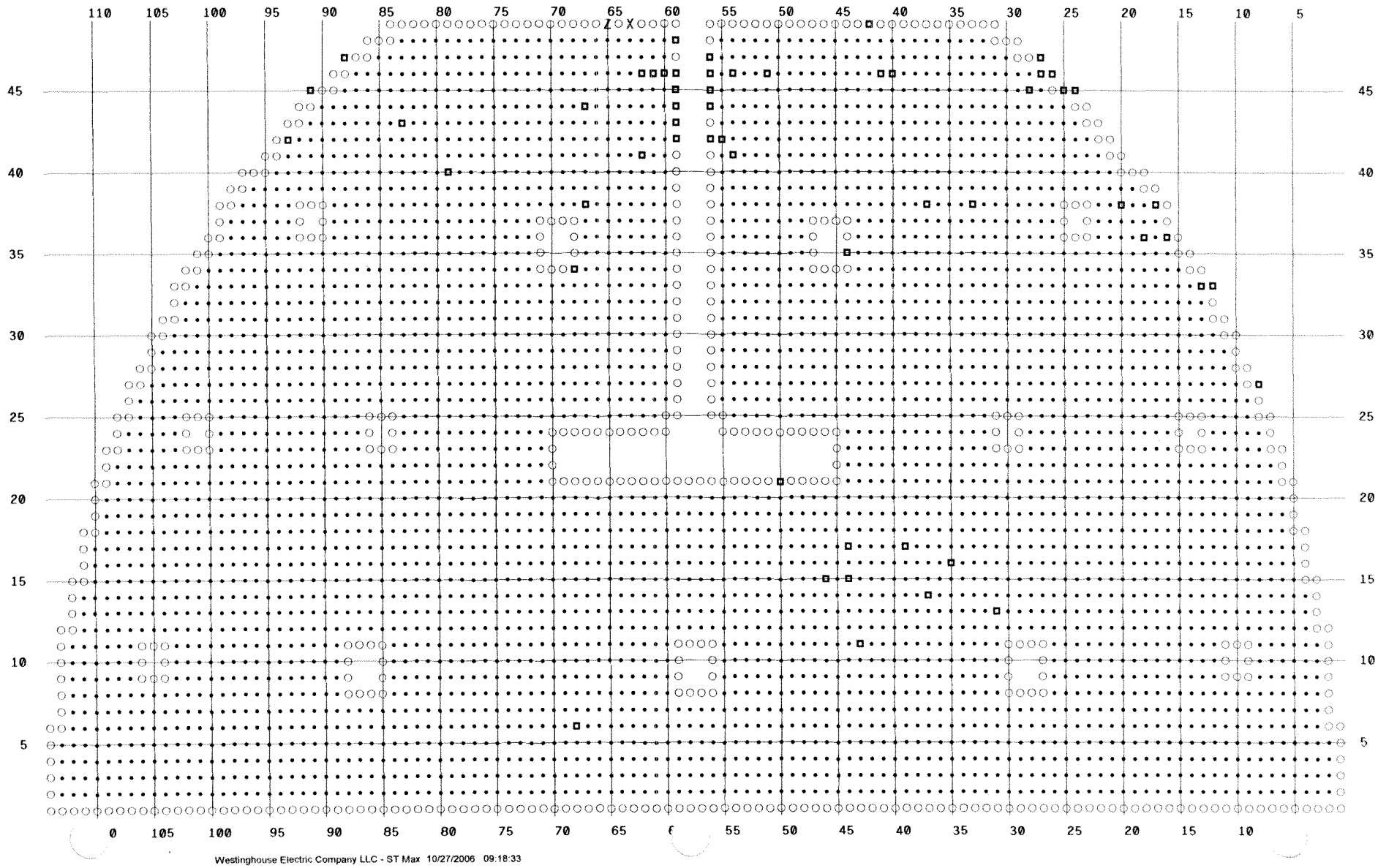
SG - C PREHEATER WEAR INDICATIONS

Braidwood A2R12 CDE D5

X 1 PREHEATER WEAR INDICATION AT 07C OF 46 PERCENT

Z 1 PREHEATER WEAR INDICATION AT 07C OF 27 PERCENT

56 PLUGGED TUBE



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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
49	63	2.11	92	VOL		2	07C	.00						07C	07C	.610	ZPSNM	8	C
49	63	2.53	178	DNT		P1	AV3	-.05						TEC	TEH	.610	ZBAZC	39	H
49	63	4.15	178	DNT		P1	AV4	-.03						TEC	TEH	.610	ZBAZC	39	H
49	63	8.91	0	RWS		P2	07C	-.22						TEC	TEH	.610	ZBAZC	39	H
49	63			PBC			AV3	-.05						TEC	TEH	.610	SBACC	109	H
49	63			PBC			AV4	-.03						TEC	TEH	.610	SBACC	109	H
49	63	2.75	0	PCT	46	P5	07C	-.22						TEC	TEH	.610	SBACC	109	H
49	63	2.74	0	PID		P5	07C	-.22						TEC	TEH	.610	SBACC	109	H
49	65	1.10	106	VOL		2	07C	-.45						07C	07C	.610	ZPSNM	8	C
49	65	3.59	178	DNT		P1	AV4	.03						TEC	TEH	.610	ZBAZC	39	H
49	65	3.47	0	RWS		P2	07C	-.11						TEC	TEH	.610	ZBAZC	39	H
49	65			NDF		2	TSH	-14.73						TSH	TSH	.610	ZPSNM	69	H
49	65			PBC			AV4	.03						TEC	TEH	.610	SBACC	109	H
49	65	1.04	0	PCT	27	P5	07C	-.25						TEC	TEH	.610	SBACC	109	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 2 Records: 14

SG-D PREHEATER WEAR INDICATIONS

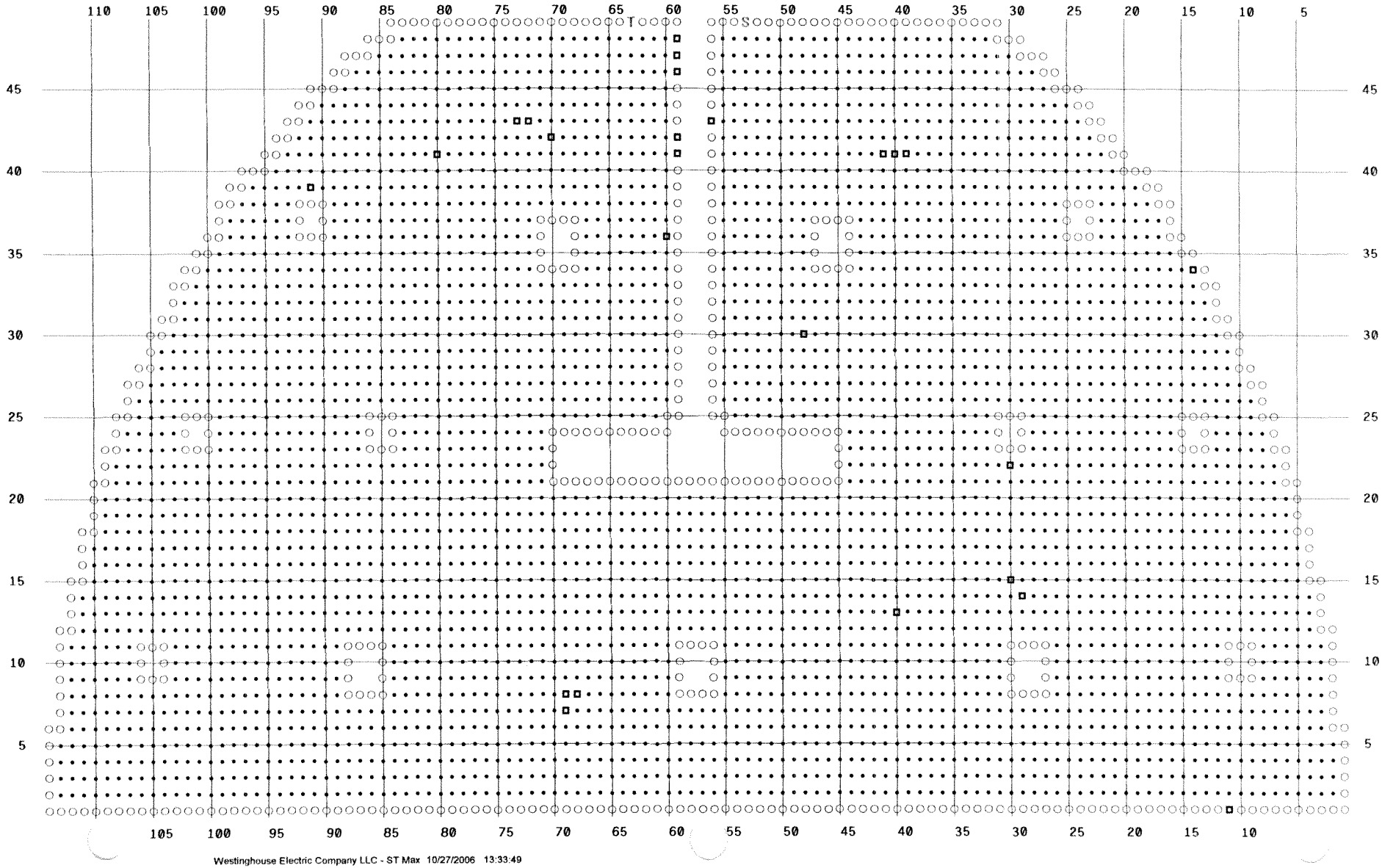
POST A2R12

Braidwood A2R12 CDE D5

S 1 PREHEATER WEAR INDICATION AT 07C OF 17 PERCENT

T 1 PREHEATER WEAR INDICATION AT 07C OF 27 PERCENT

25 PLUGGED TUBE



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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
49	53			NDD										02C	02C	.610	ZPSNM	10	C
49	53			NDD										03C	03C	.610	ZPSNM	10	C
49	53	.61	129	VOL		2	07C	-.34						07C	07C	.610	ZPSNM	10	C
49	53	5.30	181	DNT		P1	AV2	.05						TEC	TEH	.610	ZBAZC	29	H
49	53	5.36	182	DNT		P1	AV3	.16						TEC	TEH	.610	ZBAZC	29	H
49	53	1.83	0	RWS		P2	07C	.38						TEC	TEH	.610	ZBAZC	29	H
49	53			NDD										TSH	TSH	.610	ZPSNM	71	H
49	53			PBC			AV2	.05						TEC	TEH	.610	SBACC	97	H
49	53			PBC			AV3	.16						TEC	TEH	.610	SBACC	97	H
49	53	.46	0	PCT	17	P5	07C	.42						TEC	TEH	.610	SBACC	97	H
49	63	.94	114	VOL		2	07C	.48						07C	07C	.610	ZPSNM	10	C
49	63	.48	0	PCT	10	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	33	H
49	63	3.31	0	RWS		P2	07C	.03						TEC	TEH	.610	ZBAZC	33	H
49	63			PBC			AV4	-.08						TEC	TEH	.610	SBACC	97	H
49	63	.92	0	PCT	27	P5	07C	.34						TEC	TEH	.610	SBACC	97	H

ROW COL VOLTS DEG IND PER CHN LOCN INCH1 INCH2 I CRLEN CRWID CEG BEGT ENDT PDIA PTYPE CAL L

Tubes: 2 Records: 15

Attachment B.7

Tubes Repaired During A2R12

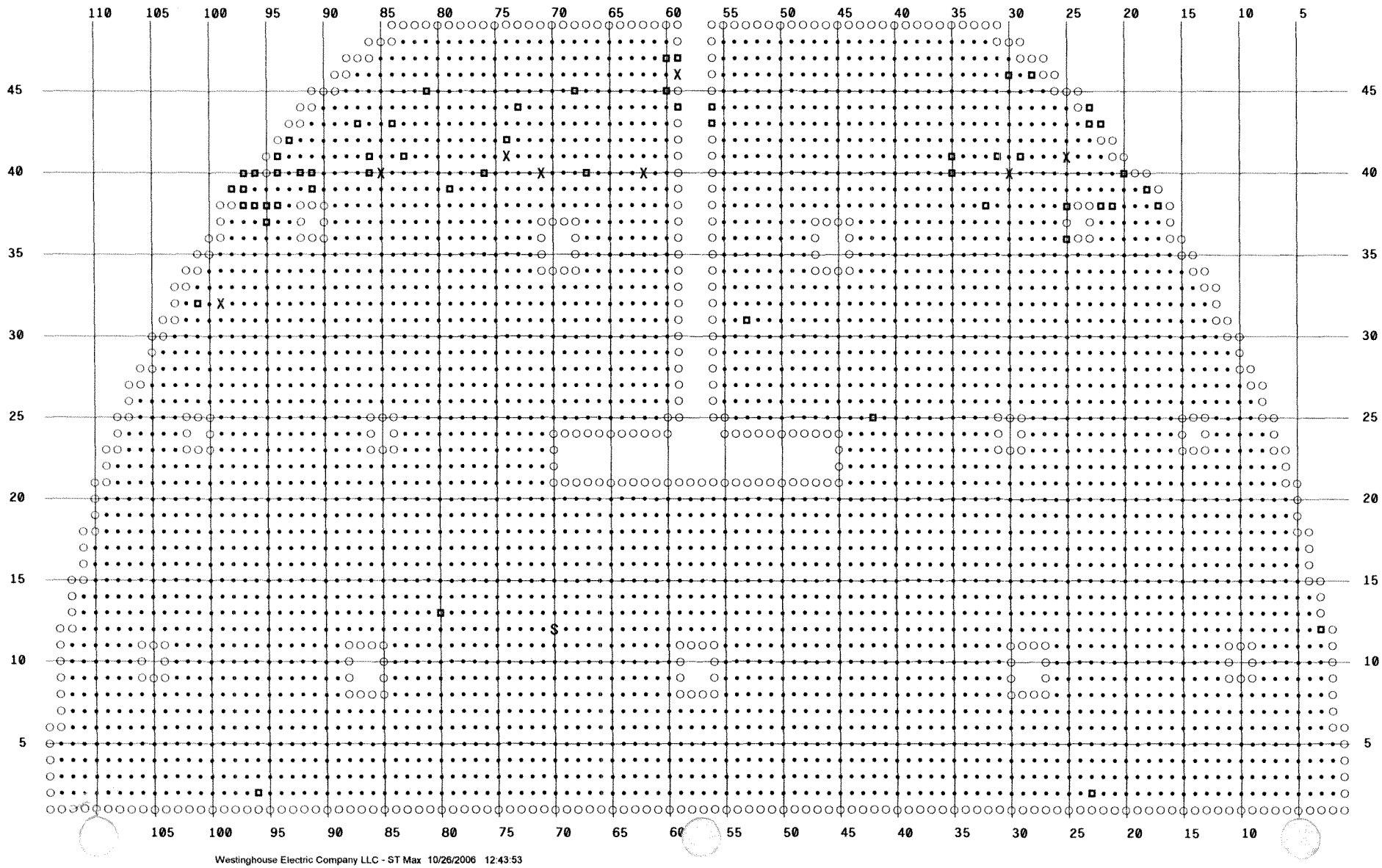
SG - A TUBES PLUGGED DURING A2R12

Braidwood A2R12 CDE D5

S 1 TUBE STBILIZED IN THE HOT LEG AND PLUGGED DURING A2R12

X 8 TUBE PLUGGED DURING A2R12

◘ 57 EXISTING PLUGGED TUBE



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INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	41	25	.96	0	PCT	15	P2	AV1	.13						TEC	TEH	.610	SBACC	29	H
	41	25	3.14	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	SBACC	29	H
	41	25	6.23	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	SBACC	29	H
	41	25	5.40	0	PID		P2	AV3	.03						TEC	TEH	.610	SBACC	93	H
2005/04/01	41	25	.86	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBARH	35	H
2005/04/01	41	25	2.09	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBARH	35	H
2005/04/01	41	25	4.42	0	PCT	38	P2	AV3	.00						TEC	TEH	.610	ZBARH	35	H
2003/11/01	41	25			NDD										TSH	TSH	.610	ZPSNM	9	H
2003/11/01	41	25	1.14	0	PCT	15	P2	AV1	-.20						TSH	TEC	.610	RBARH	12	C
2003/11/01	41	25	1.93	0	PCT	22	P2	AV2	.00						TSH	TEC	.610	RBARH	12	C
2003/11/01	41	25	4.27	0	PCT	37	P2	AV3	.00						TSH	TEC	.610	RBARH	12	C
2003/11/01	41	25	.92	0	PBC		P2	AV1	.00						TEH	TEC	.610	RBARH	76	C
2003/11/01	41	25	1.81	0	PBC		P2	AV2	-.08						TEH	TEC	.610	RBARH	76	C
2003/11/01	41	25	3.85	0	PBC		P2	AV3	.00						TEH	TEC	.610	RBARH	76	C
2002/04/01	41	25	.99	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	MBART	1	H
2002/04/01	41	25	2.17	0	PCT	27	P2	AV2	.00						TEC	TEH	.610	MBART	1	H
2002/04/01	41	25	4.69	0	PCT	39	P2	AV3	.00						TEC	TEH	.610	MBART	1	H
2000/10/01	41	25	1.21	0	PCT	17	P2	AV1	.00						TEH	TEC	.610	MBARH	14	C
2000/10/01	41	25	1.77	0	PCT	23	P2	AV2	.00						TEH	TEC	.610	MBARH	14	C
2000/10/01	41	25	4.36	0	PCT	38	P2	AV3	.00						TEH	TEC	.610	MBARH	14	C
1999/05/01	41	25			NDD										TSH	TSH	.610	ZPAHF	1	H
1999/05/01	41	25	1.49	0	PCT	21	P2	AV1	.00						TEH	TEC	.610	MBALL	2	C
1999/05/01	41	25	2.46	0	PCT	29	P2	AV2	.00						TEH	TEC	.610	MBALL	2	C
1999/05/01	41	25	3.84	0	PCT	36	P2	AV3	.00						TEH	TEC	.610	MBALL	2	C
1997/10/01	41	25	1.45		PCT	19	P2	AV2	.03						TEC	TEH	.610	EBALL	11	H
1997/10/01	41	25	4.12		PCT	38	P2	AV3	-.05						TEC	TEH	.610	EBALL	11	H
1997/10/01	41	25			NDD		1								TSH	TSH	.610	ZPSHF	67	H
1996/03/01	41	25			NDD		1								TSH	TSH	.610	Z3A3C	15	H
1996/03/01	41	25	1.14		PCT	17	M2	AV2	.00						TEH	TEC	.610	EBALL	20	C
1996/03/01	41	25	3.34		PCT	34	M2	AV3	.00						TEH	TEC	.610	EBALL	20	C
1993/03/01	41	25			NDD		1								10C	TEH	.610	EBALL	12	H
1991/10/01	41	25			NDD		1								TEC	TEH	.610	EBAMB	10	H
1990/04/01	41	25			NDD		1								TEC	TEH	.610	EBAMB	10	H
	40	30	4.44	0	PCT	37	P2	AV2	.02						TEC	TEH	.610	ZBAZC	27	H
	40	30	5.38	0	PCT	40	P2	AV3	.02						TEC	TEH	.610	ZBAZC	27	H
	40	30	5.34	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
2005/04/01	40	30	3.57	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	ZBARH	21	H
2005/04/01	40	30	4.15	0	PCT	37	P2	AV3	.00						TEC	TEH	.610	ZBARH	21	H
2003/11/01	40	30	3.19	0	PCT	31	P2	AV2	.00						TEH	TEC	.610	RBARH	10	C
2003/11/01	40	30	3.53	0	PCT	33	P2	AV3	.00						TEH	TEC	.610	RBARH	10	C
2003/11/01	40	30			NDD										TSH	TSH	.610	ZPSNM	11	H
2002/04/01	40	30	3.17	0	PCT	33	P2	AV2	-.11						TEC	TEH	.610	MBART	3	H
2002/04/01	40	30	3.31	0	PCT	34	P2	AV3	.11						TEC	TEH	.610	MBART	3	H
2000/10/01	40	30	3.66	0	PCT	34	P2	AV2	.00						TEH	TEC	.610	MBARH	12	C
2000/10/01	40	30	3.61	0	PCT	34	P2	AV3	.00						TEH	TEC	.610	MBARH	12	C
1999/05/01	40	30	3.16	0	PCT	33	P2	AV2	.00						TEH	TEC	.610	MBALL	2	C
1999/05/01	40	30	3.38	0	PCT	34	P2	AV3	.00						TEH	TEC	.610	MBALL	2	C
1997/10/01	40	30	2.97		PCT	31	P2	AV2	-.03						TEC	TEH	.610	EBALL	13	H
1997/10/01	40	30	2.75		PCT	30	P2	AV3	.08						TEC	TEH	.610	EBALL	13	H
1997/10/01	40	30			NDD		1								TSH	TSH	.610	ZPSHF	71	H
1996/03/01	40	30			NDD		1								TSH	TSH	.610	Z3A3C	17	H
1996/03/01	40	30	2.52		PCT	31	M2	AV2	.00						TEH	TEC	.610	EBALL	24	C
1996/03/01	40	30	2.35		PCT	30	M2	AV3	.00						TEH	TEC	.610	EBALL	24	C
1993/03/01	40	30	1.92		PCT	28	M2	AV2	.00						TEC	TEH	.610	EBALL	5	H
1993/03/01	40	30	1.58		PCT	25	M2	AV3	.00						TEC	TEH	.610	EBALL	5	H
1991/10/01	40	30	1.22		PCT	20	M2	AV2	.00						11C	TEH	.610	EBAMB	15	H
1991/10/01	40	30	1.13		PCT	20	M2	AV3	.00						11C	TEH	.610	EBAMB	15	H
1990/04/01	40	30			NDD		1								TEC	TEH	.610	EBAMB	13	H
	46	59	.86	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	19	H
	46	59	6.05	0	PCT	42	P2	AV2	.00						TEC	TEH	.610	ZBAZC	19	H
	46	59	1.71	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	19	H
	46	59	2.42	0	PCT	27	P2	AV4	.00						TEC	TEH	.610	ZBAZC	19	H
	46	59	5.45	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	93	H
2005/04/01	46	59	.93	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBARH	29	H
2005/04/01	46	59	4.60	0	PCT	39	P2	AV2	.00						TEC	TEH	.610	ZBARH	29	H
2005/04/01	46	59	1.25	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBARH	29	H
2005/04/01	46	59	1.56	0	PCT	21	P2	AV4	.00						TEC	TEH	.610	ZBARH	29	H
2003/11/01	46	59			NDD										TSH	TSH	.610	ZPSNM	7	H
2003/11/01	46	59	1.48	0	PCT	15	P2	AV1	.08						TEH	TEC	.610	RBARH	14	C
2003/11/01	46	59	3.57	0	PCT	34	P2	AV2	.00						TEH	TEC	.610	RBARH	14	C
2003/11/01	46	59	1.01	0	PCT	15	P2	AV3	-.11						TEH	TEC	.610	RBARH	14	C
2003/11/01	46	59	1.42	0	PCT	16	P2	AV4	.00						TEH	TEC	.610	RBARH	14	C
2002/04/01	46	59	.81	0	PCT	15	P2	AV1	.00						TEH	TEC	.610	MBART	2	C
2002/04/01	46	59	2.71	0	PCT	32	P2	AV2	.00						TEH	TEC	.610	MBART	2	C
2002/04/01	46	59	.82	0	PCT	17	P2	AV3	.00						TEH	TEC	.610	MBART	2	C
2002/04/01	46	59	1.59	0	PCT	24	P2	AV4	.00						TEH	TEC	.610	MBART	2	C
2000/10/01	46	59	1.06	0	PCT	15	P2	AV1	.00						TEH	TEC	.610	MBARH	2	C
2000/10/01	46	59	3.19	0	PCT	31	P2	AV2	.00						TEH	TEC	.610	MBARH	2	C
2000/10/01	46	59	1.07	0	PCT	15	P2	AV3	.00						TEH	TEC	.610	MBARH	2	C
2000/10/01	46	59	1.54	0	PCT	19	P2	AV4	.00						TEH	TEC	.610	MBARH	2	C
1999/05/01	46	59			NDD										TSH	TSH	.610	ZPAHF	11	H
1999/05/01	46	59	2.27	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	MBALL	47	H
1999/05/01	46	59	.99	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	MBALL	47	H
1999/05/01	46	59	.49	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	MBALL	47	H
1997/10/01	46	59	2.86		PCT	29	P2	AV2	.00						TEC	TEH	.610	EBALL	29	H
1997/10/01	46	59	1.18		PCT	15	P2	AV3	.00						TEC	TEH	.610	EBALL	29	H
1997/10/01	46	59	1.27		PCT	16	P2	AV4	.00						TEC	TEH	.610	EBALL	29	H
1997/10/01	46	59			NDD		1								TSH	TSH	.610	ZPSHF	83	H
1996/03/01	46	59			NDD		1								TSH	TSH	.610	Z3A3C	51	H
1996/03/01	46	59	2.10		PCT	28	M2	AV2	.00						TEH	TEC	.610	EBALL	70	C
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1996/03/01	46	59	.86		PCT	16	M2	AV3	.00						TEH	TEC	.610	EBALL	70	C
1996/03/01	46	59	1.32		PCT	18	M2	AV4	.00						TEH	TEC	.610	EBALL	70	C
1993/03/01	46	59	1.17		PCT	20	M2	AV2	.00						TEC	TEH	.610	EBALL	30	H
1991/10/01	46	59			NDD		1								TEC	TEH	.610	EBAMB	30	H
1990/04/01	46	59			NDD		1								TEC	TEH	.610	EBAMB	31	H
	40	62	5.56	0	PCT	41	P2	AV2	.00						TEC	TEH	.610	ZBAZC	23	H
	40	62	1.89	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	23	H
	40	62	1.01	166	DFS		1	08C	31.37						TEC	TEH	.610	ZBAZC	23	H
	40	62	5.38	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	93	H
2005/04/01	40	62	4.55	0	PCT	39	P2	AV2	.00						TEC	TEH	.610	ZBARH	29	H
2005/04/01	40	62	1.53	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBARH	29	H
2005/04/01	40	62	.51	149	DFS		1	08C	31.26						TEC	TEH	.610	ZBARH	29	H
2005/04/01	40	62	1.46	53	INR		6	08C	37.77						TEC	TEH	.610	ZBARH	29	H
2005/04/01	40	62			NDD										TSH	TSH	.610	ZPSNM	121	H
2003/11/01	40	62	4.64	0	PCT	39	P2	AV2	.00						TEH	TEC	.610	RBARH	18	C
2003/11/01	40	62	1.61	0	PCT	20	P2	AV3	.00						TEH	TEC	.610	RBARH	18	C
2003/11/01	40	62	.59	152	DFS		1	08C	31.14						TEH	TEC	.610	RBARH	18	C
2003/11/01	40	62	1.23	62	MBM		6	08C	37.77						TEH	TEC	.610	RBARH	18	C
2002/04/01	40	62	3.71	0	PCT	36	P2	AV2	.00						TEH	TEC	.610	MBART	2	C
2002/04/01	40	62	1.13	0	PCT	20	P2	AV3	.00						TEH	TEC	.610	MBART	2	C
2002/04/01	40	62	.50	156	DFS		1	08C	31.51						TEH	TEC	.610	MBART	2	C
2000/10/01	40	62	4.21	0	PCT	37	P2	AV2	.00						TEH	TEC	.610	MBARH	6	C
2000/10/01	40	62	1.56	0	PCT	21	P2	AV3	.00						TEH	TEC	.610	MBARH	6	C
2000/10/01	40	62	.59	162	DFS		1	08C	31.41						TEH	TEC	.610	MBARH	6	C
2000/10/01	40	62			NDD										TSH	TSH	.610	ZPANM	17	H
1999/05/01	40	62	3.97	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	MBALL	49	H
1999/05/01	40	62	1.64	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	MBALL	49	H
1999/05/01	40	62	.77	159	DFS		1	08C	31.41						TEC	TEH	.610	MBALL	49	H
1997/10/01	40	62	3.42		PCT	33	P2	AV2	.00						TEC	TEH	.610	EBALL	30	H
1997/10/01	40	62	1.51		PCT	19	P2	AV3	.00						TEC	TEH	.610	EBALL	30	H
1997/10/01	40	62	2.08	107	FSS		4	08C	31.32						TEC	TEH	.610	EBALL	30	H
1997/10/01	40	62			NDD		1								TSH	TSH	.610	ZPSHF	84	H
1996/03/01	40	62			NDD		1								TSH	TSH	.610	Z3A3C	51	H
1996/03/01	40	62	3.27	230	PCT	35	M2	AV2	.00						TEH	TEC	.610	EBALL	70	C
1996/03/01	40	62	1.87	140	PCT	26	M2	AV3	.00						TEH	TEC	.610	EBALL	70	C
1993/03/01	40	62	1.81		PCT	26	M2	AV2	.00						11C	TEH	.610	EBALL	31	H
1991/10/01	40	62			NDD		1								11C	TEH	.610	EBAMB	31	H
1990/04/01	40	62			NDD		1								TEC	TEH	.610	EBAMB	38	H
	12	70	.22	134	DSI		P1	05H	-.63						TEC	TEH	.610	SBACC	91	H
	12	70	1.56	67	MBM		6	02C	6.68						TEC	TEH	.610	SBACC	91	H
	12	70	.10	71	SVI		2	05H	-.73						05H	05H	.610	ZPSNM	117	H
	12	70	.13	257	PCT	16	2	05H	-.77			.00	1.18	180	05H	05H	.610	ZPSNM	119	H
	12	70	.13	73	PID		2	05H	-.62						05H	05H	.610	ZPSNM	119	H
2005/04/01	12	70	.97	70	MBM		6	02C	6.68						TEC	TEH	.610	ZBARH	105	H
2005/04/01	12	70			NDD										TSH	TSH	.610	ZPSNM	135	H
2003/11/01	12	70	1.27	69	MBM		6	02C	6.87						TEH	TEC	.610	RBARH	66	C
2002/04/01	12	70	1.07	66	MBM		6	02C	6.70						11H	TEC	.610	MBART	16	C
2002/04/01	12	70			NDD										11H	TEH	.610	MBART	35	H
2000/10/01	12	70			NDD										TSH	TSH	.610	ZPANM	19	H
2000/10/01	12	70	.98	76	MBM		6	02C	6.57						TEH	TEC	.610	MBARH	40	C
1999/05/01	12	70	.59	77	MBM		6	02C	6.57						TEH	TEC	.610	MBALL	54	C
1997/10/01	12	70	.74	63	MBM		6	02C	6.57						TEC	TEH	.610	EBALL	36	H
1997/10/01	12	70			NDD		1								TSH	TSH	.610	ZPSHF	99	H
1996/03/01	12	70			NDD		1								TSH	TSH	.610	Z3A3C	43	H
1996/03/01	12	70	1.77	74	MBM		6	02C	6.56						TEH	TEC	.610	EBALL	46	C
1993/03/01	12	70	1.13	88	MBM		6	02C	5.65	6.98					TEC	TEH	.610	EBALL	36	H
1991/10/01	12	70			NDD		1								11C	TEH	.610	EBAMB	34	H
1990/04/01	12	70			NDD		1								TEC	TEH	.610	EBAMB	34	H
	40	71	1.66	0	PCT	22	P2	AV1	.00						TEC	TEH	.610	SBACC	21	H
	40	71	3.27	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	21	H
	40	71	6.23	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	SBACC	21	H
	40	71			NDD										TSH	TSH	.610	ZPSNM	71	H
	40	71	5.31	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
2005/04/01	40	71	1.29	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	ZBARH	55	H
2005/04/01	40	71	2.21	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBARH	55	H
2005/04/01	40	71	3.85	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	ZBARH	55	H
2003/11/01	40	71	1.21	0	PCT	17	P2	AV1	.00						TEH	TEC	.610	RBARH	20	C
2003/11/01	40	71	2.25	0	PCT	29	P2	AV2	.00						TEH	TEC	.610	RBARH	20	C
2003/11/01	40	71	2.88	0	PCT	33	P2	AV3	.00						TEH	TEC	.610	RBARH	20	C
2002/04/01	40	71	1.33	0	PCT	18	P2	AV1	.00						TEH	TEC	.610	MBART	4	C
2002/04/01	40	71	2.52	0	PCT	27	P2	AV2	.00						TEH	TEC	.610	MBART	4	C
2002/04/01	40	71	1.55	0	PCT	20	P2	AV3	.00						TEH	TEC	.610	MBART	4	C
2000/10/01	40	71	1.29	0	PCT	15	P2	AV1	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	40	71	2.22	0	PCT	24	P2	AV2	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	40	71	1.44	0	PCT	16	P2	AV3	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	40	71			RBD										TSH	TSH	.610	ZPANM	17	H
2000/10/01	40	71			NDD										TSH	TSH	.610	ZPANM	39	H
1999/05/01	40	71	.84	0	PCT	18	P2	AV1	.00						TEH	TEC	.610	MBALL	44	C
1999/05/01	40	71	1.18	0	PCT	22	P2	AV2	.00						TEH	TEC	.610	MBALL	44	C
1997/10/01	40	71	1.52		PCT	19	P2	AV2	.00						TEC	TEH	.610	EBALL	36	H
1997/10/01	40	71	1.44		PCT	18	P2	AV2	.00						TEC	TEH	.610	EBALL	38	H
1997/10/01	40	71			NDD		1								TSH	TSH	.610	ZPSHF	87	H
1996/03/01	40	71	1.54		PCT	21	M2	AV2	.00						TEH	TEC	.610	EBALL	46	C
1993/03/01	40	71			NDD		1								10C	TEH	.610	EBALL	36	H
1991/10/01	40	71			NDD		1								11C	TEH	.610	EBAMB	35	H
1990/04/01	40	71			NDD		1								TEC	TEH	.610	EBAMB	38	H
	41	74	1.79	0	PCT	22	P2	AV1	.17						TEC	TEH	.610	SBACC	37	H
	41	74	5.13	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	SBACC	37	H

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	41	74	6.04	0	PCT	40	P2	AV3	.02						TEC	TEH	.610	SBACC	37	H
	41	74	3.76	0	PCT	33	P2	AV4	.05						TEC	TEH	.610	SBACC	37	H
	41	74			NDD										TSH	TSH	.610	ZPSNM	71	H
	41	74	5.34	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
2005/04/01	41	74	1.22	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBARH	51	H
2005/04/01	41	74	3.41	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	ZBARH	51	H
2005/04/01	41	74	4.14	0	PCT	37	P2	AV3	.00						TEC	TEH	.610	ZBARH	51	H
2005/04/01	41	74	2.66	0	PCT	30	P2	AV4	.16						TEC	TEH	.610	ZBARH	51	H
2003/11/01	41	74	1.39	0	PCT	21	P2	AV1	.00						TEH	TEC	.610	RBARH	22	C
2003/11/01	41	74	3.54	0	PCT	35	P2	AV2	.00						TEH	TEC	.610	RBARH	22	C
2003/11/01	41	74	4.04	0	PCT	37	P2	AV3	.00						TEH	TEC	.610	RBARH	22	C
2003/11/01	41	74	2.55	0	PCT	30	P2	AV4	.00						TEH	TEC	.610	RBARH	22	C
2002/04/01	41	74	2.63	91	INR		6	03H	5.59						TEH	TEC	.610	MBART	6	C
2002/04/01	41	74	1.39	0	PCT	21	P2	AV1	.09						TEH	TEC	.610	MBART	6	C
2002/04/01	41	74	2.75	0	PCT	31	P2	AV2	.09						TEH	TEC	.610	MBART	6	C
2002/04/01	41	74	3.75	0	PCT	36	P2	AV3	.00						TEH	TEC	.610	MBART	6	C
2002/04/01	41	74	2.48	0	PCT	29	P2	AV4	.00						TEH	TEC	.610	MBART	6	C
2000/10/01	41	74	2.24	85	MBM		6	03H	5.63						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74	1.40	82	INR		6	03H	32.86						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74	.77	85	INR		6	08H	1.83						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74	1.57	0	PCT	21	P2	AV1	.00						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74	2.69	0	PCT	30	P2	AV2	.00						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74	4.51	0	PCT	38	P2	AV3	.00						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74	2.88	0	PCT	31	P2	AV4	.00						TEH	TEC	.610	MBARH	10	C
2000/10/01	41	74			NDD										TSH	TSH	.610	ZPANM	23	H
1999/05/01	41	74	1.73	83	MBM		6	03H	5.67						TEH	TEC	.610	MBALL	40	C
1999/05/01	41	74	1.07	82	MBM		6	03H	33.08						TEH	TEC	.610	MBALL	40	C
1999/05/01	41	74	2.85	76	MBM		6	08H	1.83						TEH	TEC	.610	MBALL	40	C
1999/05/01	41	74	1.21	0	PCT	22	P2	AV1	.00						TEH	TEC	.610	MBALL	40	C
1999/05/01	41	74	2.19	0	PCT	30	P2	AV2	.00						TEH	TEC	.610	MBALL	40	C
1999/05/01	41	74	3.47	0	PCT	37	P2	AV3	.00						TEH	TEC	.610	MBALL	40	C
1999/05/01	41	74	2.59	0	PCT	33	P2	AV4	.00						TEH	TEC	.610	MBALL	40	C
1997/10/01	41	74	1.78	79	MBM		6	03H	5.64						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74	1.04	73	MBM		6	03H	33.06						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74	1.70	83	MBM		6	08H	1.51						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74	1.26		PCT	16	P2	AV1	.00						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74	2.40		PCT	26	P2	AV2	.00						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74	4.43		PCT	39	P2	AV3	.00						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74	2.78		PCT	29	P2	AV4	.00						TEC	TEH	.610	EBALL	55	H
1997/10/01	41	74			NDD		1								TSH	TSH	.610	ZPSHF	87	H
1996/03/01	41	74	3.85	84	MBM		6	03H	5.61						TEH	TEC	.610	EBALL	50	C
1996/03/01	41	74	2.39	82	MBM		6	03H	33.06						TEH	TEC	.610	EBALL	50	C
1996/03/01	41	74	6.71	79	MBM		6	08H	1.50						TEH	TEC	.610	EBALL	50	C
1996/03/01	41	74	1.34		PCT	20	M2	AV1	.00						TEH	TEC	.610	EBALL	50	C
1996/03/01	41	74	1.64		PCT	23	M2	AV2	.00						TEH	TEC	.610	EBALL	50	C
1996/03/01	41	74	3.00		PCT	33	M2	AV3	.00						TEH	TEC	.610	EBALL	50	C
1996/03/01	41	74	2.83		PCT	32	M2	AV4	.00						TEH	TEC	.610	EBALL	50	C
1993/03/01	41	74	3.32	87	MBM		6	03H	5.49	6.75					TEC	TEH	.610	EBALL	38	H
1993/03/01	41	74	1.55	77	MBM		6	03H	32.70	34.40					TEC	TEH	.610	EBALL	38	H
1993/03/01	41	74	2.46	84	MBM		6	08H	.85	2.82					TEC	TEH	.610	EBALL	38	H
1993/03/01	41	74	1.59		PCT	24	M2	AV3	.00						TEC	TEH	.610	EBALL	38	H
1993/03/01	41	74	2.09		PCT	28	M2	AV4	.00						TEC	TEH	.610	EBALL	38	H
1991/10/01	41	74	1.18		PCT	19	M2	AV3	.00						11C	TEH	.610	EBAMB	36	H
1991/10/01	41	74	1.27		PCT	20	M2	AV4	.00						11C	TEH	.610	EBAMB	36	H
1990/04/01	41	74			NDD		1								TEC	TEH	.610	EBAMB	41	H
	40	85	1.32	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	43	H
	40	85	3.46	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	43	H
	40	85	5.18	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	ZBAZC	43	H
	40	85	1.31	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	43	H
	40	85	5.17	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	93	H
2005/04/01	40	85	1.12	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBARH	59	H
2005/04/01	40	85	2.93	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBARH	59	H
2005/04/01	40	85	4.41	0	PCT	38	P2	AV3	.00						TEC	TEH	.610	ZBARH	59	H
2003/11/01	40	85			NDD										TSH	TSH	.610	ZPSNM	15	H
2003/11/01	40	85	1.15	0	PCT	16	P2	AV1	-.06						TEH	TEC	.610	RBARH	20	C
2003/11/01	40	85	2.73	0	PCT	32	P2	AV2	.06						TEH	TEC	.610	RBARH	20	C
2003/11/01	40	85	4.15	0	PCT	38	P2	AV3	.03						TEH	TEC	.610	RBARH	20	C
2002/04/01	40	85	1.26	0	PCT	18	P2	AV1	.23						TEH	TEC	.610	MBART	8	C
2002/04/01	40	85	3.29	0	PCT	33	P2	AV2	-.03						TEH	TEC	.610	MBART	8	C
2002/04/01	40	85	4.77	0	PCT	39	P2	AV3	.00						TEH	TEC	.610	MBART	8	C
2000/10/01	40	85	1.24	0	PCT	17	P2	AV1	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	40	85	2.82	0	PCT	28	P2	AV2	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	40	85	4.75	0	PCT	39	P2	AV3	.00						TEH	TEC	.610	MBARH	8	C
1999/05/01	40	85			NDD										TSH	TSH	.610	ZPAHF	19	H
1999/05/01	40	85	.91	0	PCT	19	P2	AV1	.00						TEH	TEC	.610	MBALL	44	C
1999/05/01	40	85	1.99	0	PCT	29	P2	AV2	.00						TEH	TEC	.610	MBALL	44	C
1999/05/01	40	85	3.78	0	PCT	38	P2	AV3	.00						TEH	TEC	.610	MBALL	44	C
1997/10/01	40	85	1.15		PCT	17	P2	AV1	.00						TEC	TEH	.610	EBALL	42	H
1997/10/01	40	85	2.01		PCT	25	P2	AV2	.00						TEC	TEH	.610	EBALL	42	H
1997/10/01	40	85	4.58		PCT	39	P2	AV3	.00						TEC	TEH	.610	EBALL	42	H
1997/10/01	40	85			NDD		1								TSH	TSH	.610	ZPSHF	92	H
1996/03/01	40	85	1.11		PCT	18	M2	AV1	.00						TEH	TEC	.610	EBALL	56	C
1996/03/01	40	85	1.40		PCT	21	M2	AV2	.00						TEH	TEC	.610	EBALL	56	C
1996/03/01	40	85	3.87		PCT	37	M2	AV3	.00						TEH	TEC	.610	EBALL	56	C
1993/03/01	40	85	1.03		PCT	16	M2	AV2	.00						TEC	TEH	.610	EBAMB	44	H
1993/03/01	40	85	3.01		PCT	32	M2	AV3	.00						TEC	TEH	.610	EBAMB	44	H
1991/10/01	40	85	1.44		PCT	21	M2	AV3	.00						11C	TEH	.610	EBAMB	41	H
1990/04/01	40	85			NDD		1								TEC	TEH	.610	EBAMB	48	H
	32	99	5.45	0	PCT	40	P2	AV2	.14						TEC	TEH	.610	SBACC	47	H
	32	99	1.55	0	PCT	21	P2	AV3	.03						TEC	TEH	.610	SBACC	47	H
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	32	99	1.13	0	PCT	17	P2	AV4	.05						TEC	TEH	.610	SBACC	47	H
	32	99	7.35	82	MBM		6	01C	7.52						TEC	TEH	.610	SBACC	47	H
	32	99	5.48	0	PID		P2	AV2	.11						TEC	TEH	.610	SBACC	93	H
2005/04/01	32	99	4.30	0	PCT	38	P2	AV2	-.25						TEC	TEH	.610	ZBARH	73	H
2005/04/01	32	99	1.23	0	PCT	19	P2	AV3	-.19						TEC	TEH	.610	ZBARH	73	H
2005/04/01	32	99	7.18	80	MBM		6	01C	7.54						TEC	TEH	.610	ZBARH	73	H
2005/04/01	32	99			NDD										TSH	TSH	.610	ZPSNM	129	H
2003/11/01	32	99	3.80	0	PCT	35	P2	AV2	-.25						TEH	TEC	.610	RBARH	56	C
2003/11/01	32	99	1.31	0	PCT	17	P2	AV3	-.19						TEH	TEC	.610	RBARH	56	C
2003/11/01	32	99	.92	0	INR		P2	AV4	-.16						TEH	TEC	.610	RBARH	56	C
2003/11/01	32	99	6.19	79	MBM		6	01C	7.54						TEH	TEC	.610	RBARH	56	C
2002/04/01	32	99	3.24	0	PCT	32	P2	AV2	.00						TEH	TEC	.610	MBART	12	C
2002/04/01	32	99	1.09	0	PCT	17	P2	AV4	.00						TEH	TEC	.610	MBART	12	C
2002/04/01	32	99	5.48	82	MBM		6	01C	7.21						TEH	TEC	.610	MBART	12	C
2000/10/01	32	99	2.99	0	PCT	29	P2	AV2	.00						TEH	TEC	.610	MBARH	8	C
2000/10/01	32	99	5.84	80	MBM		6	01C	6.83						TEH	TEC	.610	MBARH	8	C
2000/10/01	32	99			NDD										TSH	TSH	.610	ZPANM	25	H
1999/05/01	32	99	1.86	0	PCT	24	P2	AV2	.00						TEH	TEC	.610	MBALL	46	C
1999/05/01	32	99	.81	0	INR		P2	AV4	.00						TEH	TEC	.610	MBALL	46	C
1999/05/01	32	99	3.66	84	MBM		6	01C	6.81						TEH	TEC	.610	MBALL	46	C
1997/10/01	32	99	2.16		PCT	25	P2	AV2	.00						TEC	TEH	.610	EBALL	49	H
1997/10/01	32	99	1.21		PCT	16	P2	AV4	.00						TEC	TEH	.610	EBALL	49	H
1997/10/01	32	99	3.79	80	MBM		6	01C	6.81						TEC	TEH	.610	EBALL	49	H
1997/10/01	32	99			NDD		1								TSH	TSH	.610	ZPSHF	95	H
1996/03/01	32	99	1.30		PCT	20	M2	AV2	.00						TEH	TEC	.610	EBALL	64	C
1993/03/01	32	99			NDD		1								11C	TEH	.610	EBAMB	51	H
1991/10/01	32	99			NDD		1								TEC	TEH	.610	EBAMB	49	H
1990/04/01	32	99			NDD		1								TEC	TEH	.610	EBAMB	58	H
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

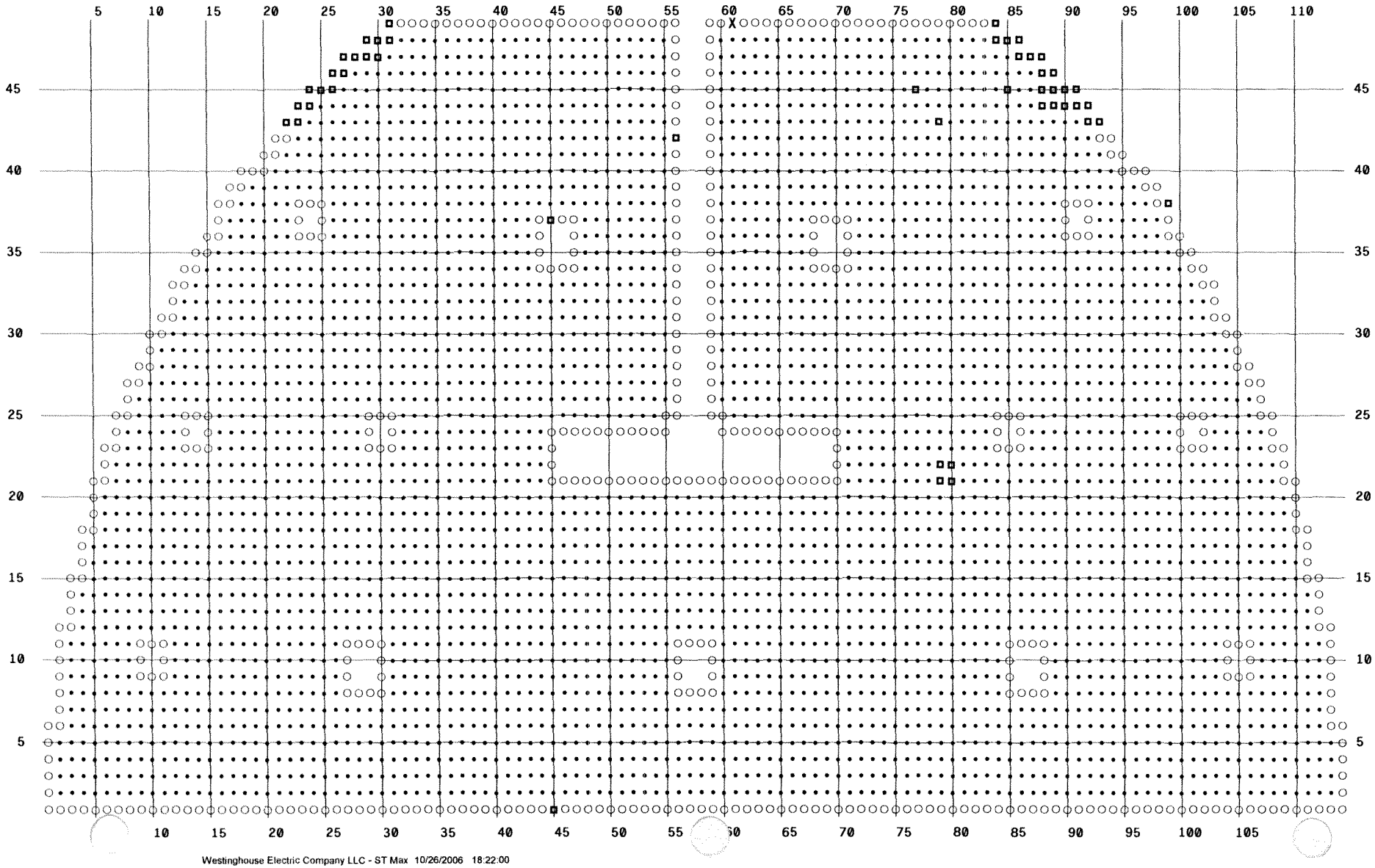
Tubes: 9 Records: 296

SG - B TUBES PLUGGED DURING A2R12

Braidwood A2R12 CDE D5

X 1 TUBE STABILIZED IN THE COLD LEG AND PLUGGED

▫ 48 EXISTING PLUGGED TUBE



Westinghouse Electric Company LLC - ST Max 10/26/2006 18:22:00

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
	49	61	7.58	0	RWS		P2	07C	.00		TEC	TEH	.610	ZBAZC	39	H	
	49	61	2.11	70	MBM		6	07C	8.84		TEC	TEH	.610	ZBAZC	39	H	RESULT OF HISTORY REVIEW
	49	61			PBC						TEC	TEH	.610	SBACC	99	H	
	49	61			PBC						TEC	TEH	.610	SBACC	103	H	
	49	61	2.70	80	PID		P5	07C	-.21		TEC	TEH	.610	SBACC	103	H	
	49	61	2.65	0	PCT	44	P5	07C	-.19		TEC	TEH	.610	SBACC	103	H	
2005/04/01	49	61	4.97	0	RWS		P2	07C	-.29		TEC	TEH	.610	ZBARH	23	H	
2005/04/01	49	61	2.30	76	MBM		6	07C	9.73		TEC	TEH	.610	ZBARH	23	H	RESULT OF HISTORY REVIEW
2005/04/01	49	61			PBC						TEC	TEH	.610	ZBARH	79	H	
2005/04/01	49	61	.71	0	PCT	19	P2	07C	.00		TEC	TEH	.610	ZBARH	79	H	
2003/11/01	49	61			NDD						TSH	TSH	.610	ZPSNM	5	H	
2003/11/01	49	61	4.23	0	RWS		P2	07C	.47		TEH	TEC	.610	RBARH	40	C	RESULT OF HISTORY REVIEW
2003/11/01	49	61	2.62	77	MBM		6	07C	9.38		TEH	TEC	.610	RBARH	40	C	EARLIEST NON-HF BOBBIN EXAM COMPARED - NO CHANGE
2003/11/01	49	61															RESULT OF HISTORY REVIEW
2003/11/01	49	61	.79	0	PCT	18	P3	07C	.05		TEH	TEC	.610	RBARH	70	C	
2003/11/01	49	61			PBC			07C	9.38		TEH	TEC	.610	RBARH	70	C	RESULT OF RESOLUTION PROCESS
2003/11/01	49	61	1.65	97	VOL		2	07C	-.01		07C	07C	.610	ZPSNM	78	C	
2003/11/01	49	61			PRC						07C	07C	.610	ZPSNM	80	C	
2000/10/01	49	61	.24	85	DSS		P1	07C	.03		TEH	TEC	.610	MBARH	8	C	RESULT OF HISTORY REVIEW
2000/10/01	49	61	1.97	77	MBM		6	07C	9.08		TEH	TEC	.610	MBARH	8	C	RESULT OF RESOLUTION PROCESS
2000/10/01	49	61	.22	62	DFS		1	07C	9.28		TEH	TEC	.610	MBARH	8	C	RESULT OF HISTORY REVIEW
1999/05/01	49	61			NDD						TSH	TSH	.610	ZPAHF	9	H	
1999/05/01	49	61	.17	111	DSS		1	07C	.03		TEH	TEC	.610	MBARP	100	C	
1999/05/01	49	61	1.28	82	MBM		6	07C	9.08		TEH	TEC	.610	MBARP	100	C	
1997/10/01	49	61	1.84	73	MBM		6	07C	9.08		TEC	TEH	.610	EBALL	31	H	PREVIOUS HISTORY - NO CHANGE
1997/10/01	49	61			NDD		1				TSH	TSH	.610	ZPSHF	85	H	
1996/03/01	49	61	3.91	57	MBM		6	07C	9.27		TEH	TEC	.610	EBALL	62	C	
1994/10/01	49	61			INR		1	09C	24.33		TEH	TEC	.610	EBAMB	12	C	RESULT OF DISCREPANCY RESOLUTION
1994/10/01	49	61			INR		1	09C	25.42		TEH	TEC	.610	EBAMB	12	C	RESULT OF DISCREPANCY RESOLUTION
1994/10/01	49	61	.22	101	FSD		1	07C	9.24		TEH	TEC	.610	EBAMB	12	C	RESULT OF HISTORY COMPARISON
1993/03/01	49	61	.18	131	MAM		1	09C	24.34		TEC	TEH	.610	EBAMB	38	H	RESULT OF DISCREPANCY RESOLUTION
1993/03/01	49	61	.51	164	MAM		1	09C	25.45		TEC	TEH	.610	EBAMB	38	H	RESULT OF DISCREPANCY RESOLUTION
1993/03/01	49	61	.28	69	MAM		1	07C	9.23		TEC	TEH	.610	EBAMB	38	H	
1991/10/01	49	61			NDD		1				TEC	TEH	.610	EBAMB	28	H	
1990/04/01	49	61			NDD		1				TEC	TEH	.610	EBAMB	56	H	
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

Tubes: 1 Records: 34

SG - C TUBES PLUGGED DURING A2R12

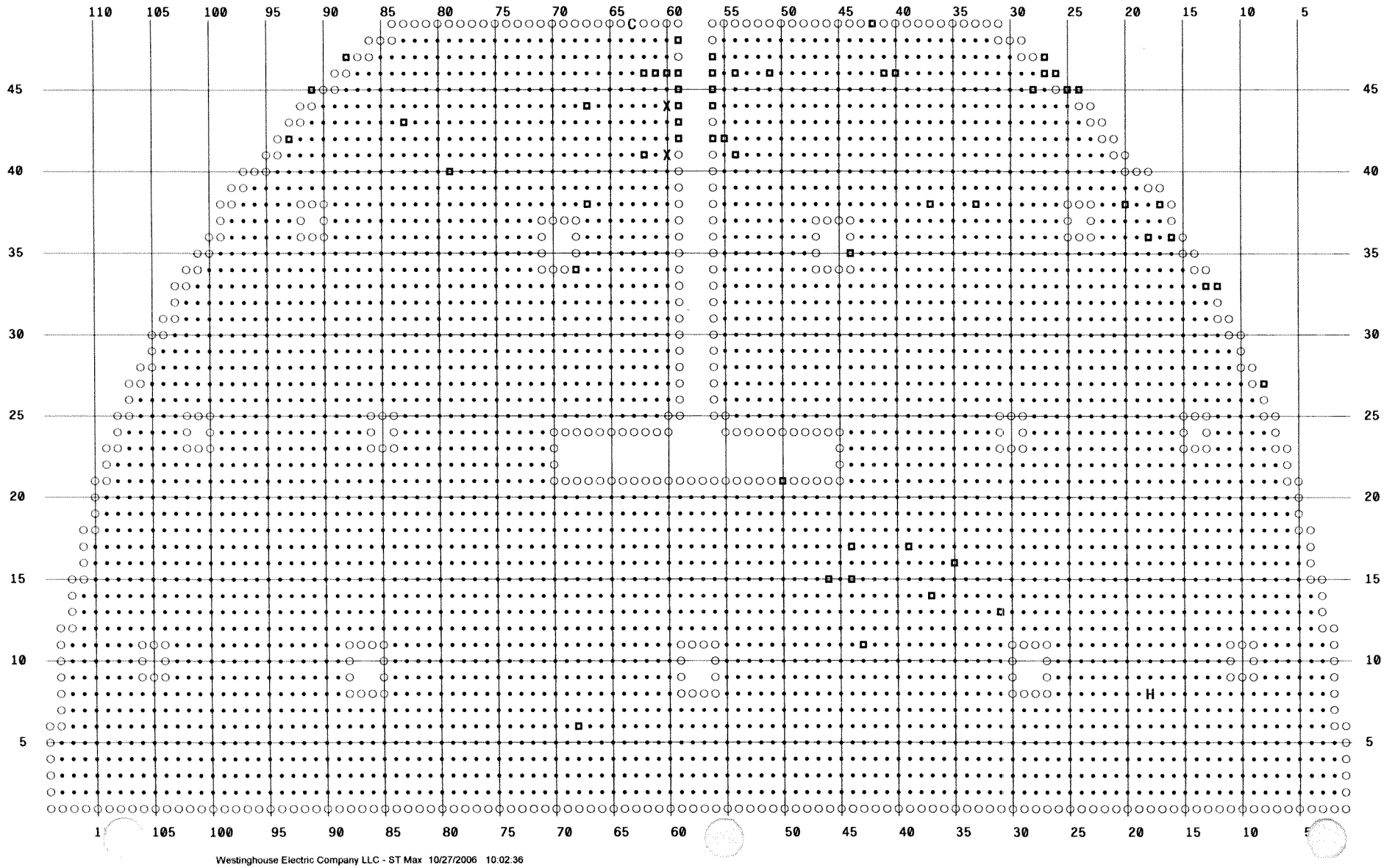
Braidwood A2R12 CDE D5

X 2 PLUGGED DURING A2R12

H 1 STABILIZED IN THE HOT LEG AND PLUGGED DURING A2R12

C 1 STABILIZED IN THE COLD LEG AND PLUGGED DURING A2R12

▫ 56 EXISTING PLUGGED TUBE



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INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
	8	18	.57	132	DSI		P1	07H	-.64		TEC	TEH	.610	ZBAZC	13	H	RESULT OF HISTORY REVIEW
	8	18	.14	108	PID		2	07H	-.74		07H	07H	.610	ZPSNM	85	H	
	8	18	.20	100	PCT	22	2	07H	-.81		07H	07H	.610	ZPSNM	101	H	
	8	18	.13	86	SVI		2	07H	-.74		07H	07H	.610	ZPSNM	101	H	
2005/04/01	8	18			NDD						TEC	TEH	.610	ZBARH	25	H	
2003/11/01	8	18			NDD						TSH	TSH	.610	ZPSNM	13	H	
2003/11/01	8	18			NDD						TEH	TEC	.610	RBARH	18	C	
2000/10/01	8	18	.41	157	INR		1	09C	5.85		TEH	TEC	.610	MBARH	44	C	
1999/05/01	8	18	.27	150	DFS		1	09C	5.95		TEC	TEH	.610	MBALL	25	H	PREVIOUS HISTORY - NO CHANGE
1997/10/01	8	18			NDD		1				TSH	TSH	.610	ZPSHF	28	H	
1997/10/01	8	18			NDD		1				TEC	TEH	.610	EBALL	82	H	
1996/03/01	8	18			NDD		1				TEC	TEH	.610	EBALL	11	H	
1994/10/01	8	18			NDD		1				TEC	TEH	.610	EBAMB	13	H	
1993/03/01	8	18			NDD		1				10C	TEH	.610	EBAMB	9	H	
1991/10/01	8	18			NDD		1				TEC	TEH	.610	EBAMB	7	H	
1990/04/01	8	18			NDD		1				TEC	TEH	.610	EBAMB	5	H	
	41	60	2.46	0	PCT	27	P2	AV2	.00		TEC	TEH	.610	ZBAZC	39	H	
	41	60	5.03	0	PCT	40	P2	AV3	.00		TEC	TEH	.610	ZBAZC	39	H	
	41	60			PBC			AV2	.00		TEC	TEH	.610	SBACC	107	H	
	41	60	4.56	0	PID		P2	AV3	.00		TEC	TEH	.610	SBACC	107	H	
2005/04/01	41	60	2.54	0	PCT	29	P2	AV2	.00		TEC	TEH	.610	ZBARH	33	H	
2005/04/01	41	60	4.66	0	PCT	39	P2	AV3	.00		TEC	TEH	.610	ZBARH	33	H	
2005/04/01	41	60			NDD						TSH	TSH	.610	ZPSNM	111	H	
2003/11/01	41	60	2.79	0	PCT	29	P2	AV2	.09		TEH	TEC	.610	RBARH	32	C	RESULT OF HISTORY REVIEW
2003/11/01	41	60	4.86	0	PCT	39	P2	AV3	-.03		TEH	TEC	.610	RBARH	32	C	
2000/10/01	41	60	1.77	0	PCT	24	P2	AV2	.00		TEH	TEC	.610	MBARH	4	C	RESULT OF RESOLUTION PROCESS
2000/10/01	41	60	4.02	0	PCT	37	P2	AV3	.00		TEH	TEC	.610	MBARH	4	C	RESULT OF RESOLUTION PROCESS
2000/10/01	41	60			NDD						TSH	TSH	.610	ZPANM	9	H	
1999/05/01	41	60	1.75	0	PCT	26	P2	AV2	.00		TEH	TEC	.610	MBALL	26	C	
1999/05/01	41	60	4.25	0	PCT	38	P2	AV3	.00		TEH	TEC	.610	MBALL	26	C	
1997/10/01	41	60			NDD		1				TSH	TSH	.610	ZPSHF	14	H	
1997/10/01	41	60	1.65		PCT	23	P2	AV2	.00		TEC	TEH	.610	EBALL	90	H	
1997/10/01	41	60	4.50		PCT	39	P2	AV3	.00		TEC	TEH	.610	EBALL	90	H	
1996/03/01	41	60	1.60		PCT	24	M2	AV2	.00		TEH	TEC	.610	EBALL	42	C	
1996/03/01	41	60	4.12		PCT	38	M2	AV3	.00		TEH	TEC	.610	EBALL	42	C	
1994/10/01	41	60	.85		PCT	20	M2	AV2	.00		TEH	TEC	.610	EBAMB	2	C	
1994/10/01	41	60	1.93		PCT	32	M2	AV3	.00		TEH	TEC	.610	EBAMB	2	C	
1993/03/01	41	60	1.56		PCT	23	M2	AV2	.00		TEC	TEH	.610	EBAMB	29	H	
1993/03/01	41	60	2.73		PCT	31	M2	AV3	.00		TEC	TEH	.610	EBAMB	29	H	
1991/10/01	41	60	1.85		PCT	25	M2	AV2	.00		TEC	TEH	.610	EBAMB	35	H	RESULT OF DISCREPANCY RESOLUTION
1991/10/01	41	60	2.95		PCT	32	M2	AV3	.00		TEC	TEH	.610	EBAMB	35	H	RESULT OF DISCREPANCY RESOLUTION
1990/04/01	41	60			NDD		1				TEC	TEH	.610	EBAMB	48	H	
	44	60	1.42	97	VOL		1	AV3	.00		11C	AV3	.580	ZPUNM	2	C	
	44	60	4.97	0	PCT	40	P2	AV2	.00		TEC	TEH	.610	ZBAZC	39	H	
	44	60	6.92	0	PCT	46	P2	AV3	.00		TEC	TEH	.610	ZBAZC	39	H	
	44	60	.28	130	VOL		1	AV1	.00		11H	AV2	.580	ZPUNM	103	H	
	44	60	1.31	107	VOL		1	AV2	.00		11H	AV2	.580	ZPUNM	103	H	
	44	60	4.63	0	PID		P2	AV2	.00		TEC	TEH	.610	SBACC	107	H	
	44	60	6.34	0	PID		P2	AV3	.00		TEC	TEH	.610	SBACC	107	H	
2005/04/01	44	60	3.52	0	PCT	32	P2	AV2	.00		TEC	TEH	.610	ZBARH	35	H	RESULT OF HISTORY REVIEW
2005/04/01	44	60	4.79	0	PCT	36	P2	AV3	.00		TEC	TEH	.610	ZBARH	35	H	
2005/04/01	44	60			NDD						TSH	TSH	.610	ZPSNM	113	H	
2003/11/01	44	60	2.57	0	PCT	26	P2	AV2	.00		TEH	TEC	.610	RBARH	32	C	
2003/11/01	44	60	2.42	0	PCT	26	P2	AV3	-.14		TEH	TEC	.610	RBARH	32	C	
2003/11/01	44	60	1.29	82	INR		6	02C	12.73		TEH	TEC	.610	RBARH	32	C	RESULT OF RESOLUTION PROCESS
2000/10/01	44	60	1.47	0	PCT	22	P2	AV2	.00		TEH	TEC	.610	MBARH	4	C	RESULT OF RESOLUTION PROCESS
2000/10/01	44	60	.98	0	PCT	17	P2	AV3	.00		TEH	TEC	.610	MBARH	4	C	RESULT OF RESOLUTION PROCESS
2000/10/01	44	60	1.30	78	MBM		6	02C	12.71		TEH	TEC	.610	MBARH	4	C	
2000/10/01	44	60			NDD						TSH	TSH	.610	ZPANM	9	H	
1999/05/01	44	60	1.20	0	PCT	21	P2	AV2	.00		TEH	TEC	.610	MBALL	26	C	
1999/05/01	44	60	1.12	0	PCT	20	P2	AV3	.00		TEH	TEC	.610	MBALL	26	C	
1999/05/01	44	60	.69	87	MBM		6	02C	12.69		TEH	TEC	.610	MBALL	26	C	
1997/10/01	44	60			NDD		1				TSH	TSH	.610	ZPSHF	17	H	
1997/10/01	44	60	1.23		PCT	18	P2	AV2	.00		TEC	TEH	.610	EBALL	91	H	
1997/10/01	44	60			INR		1	AV3	.00		TEC	TEH	.610	EBALL	91	H	
1997/10/01	44	60			INR		1	03C	12.40		TEC	TEH	.610	EBALL	91	H	
1997/10/01	44	60	.93	78	MBM		6	02C	12.69		TEC	TEH	.610	EBALL	91	H	PREVIOUS HISTORY - NO CHANGE
1996/03/01	44	60	1.27		PCT	21	M2	AV2	.00		TEH	TEC	.610	EBALL	42	C	RESULT OF DISCREPANCY RESOLUTION
1996/03/01	44	60	.85		PCT	16	M2	AV3	.00		TEH	TEC	.610	EBALL	42	C	RESULT OF DISCREPANCY RESOLUTION
1996/03/01	44	60	2.16	76	MBM		6	03C	12.40		TEH	TEC	.610	EBALL	42	C	
1996/03/01	44	60	2.16	76	MBM		6	02C	12.88		TEH	TEC	.610	EBALL	42	C	RESULT OF DISCREPANCY RESOLUTION
1994/10/01	44	60	3.11	76	MBM		6	02C	12.38		TEH	TEC	.610	EBAMB	2	C	RESULT OF DISCREPANCY RESOLUTION
1993/03/01	44	60	2.25	80	MBM		6	02C	11.74	13.08	TEC	TEH	.610	EBAMB	29	H	
1991/10/01	44	60			NDD		1				TEC	TEH	.610	EBAMB	35	H	
1990/04/01	44	60			NDD		1				TEC	TEH	.610	EBAMB	48	H	
	49	63	2.11	92	VOL		2	07C	.00		07C	07C	.610	ZPSNM	8	C	
	49	63	2.53	178	DNT		P1	AV3	-.05		TEC	TEH	.610	ZBAZC	39	H	
	49	63	4.15	178	DNT		P1	AV4	-.03		TEC	TEH	.610	ZBAZC	39	H	
	49	63	8.91	0	RWS		P2	07C	-.22		TEC	TEH	.610	ZBAZC	39	H	
	49	63			PBC			AV3	-.05		TEC	TEH	.610	SBACC	109	H	
	49	63			PBC			AV4	-.03		TEC	TEH	.610	SBACC	109	H	
	49	63	2.75	0	PCT	46	P5	07C	-.22		TEC	TEH	.610	SBACC	109	H	
	49	63	2.74	0	PID		P5	07C	-.22		TEC	TEH	.610	SBACC	109	H	
2005/04/01	49	63	2.30	180	DNT		P1	AV3	-.05		TEC	TEH	.610	ZBARH	35	H	
2005/04/01	49	63	3.90	179	DNT		P1	AV4	.00		TEC	TEH	.610	ZBARH	35	H	
2005/04/01	49	63	7.90	0	RWS		P2	07C	-.33		TEC	TEH	.610	ZBARH	35	H	
2005/04/01	49	63			PBC						TEC	TEH	.610	ZBARH	65	H	
2005/04/01	49	63	.82	0	PCT	21	P2	07C	-.16		TEC	TEH	.610	ZBARH	65	H	
2003/11/01	49	63			RBD						TEH	TEC	.610	RBARH	30	C	
2003/11/01	49	63			NDD						03C	03C	.610	ZPSNM	62	C	
2003/11/01	49	63			NDD						02C	02C	.610	ZPSNM	62	C	
2003/11/01	49	63	2.65	181	DNT		P1	AV3	-.08		TEH	TEC	.610	RBARH	64	C	RESULT OF RESOLUTION PROCESS
2003/11/01	49	63	4.44	179	DNT		P1	AV4	.03		TEH	TEC	.610	RBARH	64	C	RESULT OF RESOLUTION PROCESS
2003/11/01	49	63	6.80	0	RWS		P2	07C	-.42		TEH	TEC	.610	RBARH	64	C	RESULT OF RESOLUTION PROCESS

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
2003/11/01	49	63	6.68	0	RWS		P2	07C	.54		TEH	TEC	.610	RBARH	64	C	RESULT OF RESOLUTION PROCESS
2003/11/01	49	63	2.39	179	DNT		P1	AV3	-.14		TEH	TEC	.610	RBARH	72	C	RESULT OF RESOLUTION PROCESS
2003/11/01	49	63	4.50	177	DNT		P1	AV4	.00		TEH	TEC	.610	RBARH	72	C	RESULT OF RESOLUTION PROCESS
2003/11/01	49	63	.68	0	PCT	17	P3	07C	.20		TEH	TEC	.610	RBARH	72	C	
2003/11/01	49	63	1.61	109	VOL		2	07C	.00		07C	07C	.610	ZPSNM	74	C	RESULT OF RESOLUTION PROCESS
2000/10/01	49	63	4.17	177	DNT		P1	AV4	.06		TEH	TEC	.610	MBARH	2	C	RESULT OF RESOLUTION PROCESS
2000/10/01	49	63			NDD						TSH	TSH	.610	ZPANM	11	H	
1999/05/01	49	63			NDD						TEH	TEC	.610	MBALL	30	C	
1997/10/01	49	63			NDD		1				TSH	TSH	.610	ZPSHF	18	H	
1997/10/01	49	63			NDD		1				TEC	TEH	.610	EBALL	94	H	
1996/03/01	49	63			NDD		1				TEH	TEC	.610	EBALL	44	C	
1994/10/01	49	63			NDD		1				TEH	TEC	.610	EBAMB	2	C	
1993/03/01	49	63			NDD		1				TEC	TEH	.610	EBAMB	30	H	
1991/10/01	49	63			NDD		1				TEC	TEH	.610	EBAMB	37	H	
1990/04/01	49	63			NDD		1				TEC	TEH	.610	EBAMB	47	H	
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

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