BRAIDWOOD STATION

UNIT 2 INSERVICE INSPECTION SUMMARY REPORT FOR:

Interval 2, Period 3, Outage 2
A2R13 Outage

STATION ADDRESS:

Braidwood Station
35100 S. Rt. 53 Suite 84
Braceville, Illinois 60407

UNIT 2 COMMERCIAL SERVICE DATE:

October 17, 1988

OWNER'S ADDRESS:

Exelon Generation Co., LLC
300 Exelon Way
Kennett Square PA 19348

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1.0 INSPECTION INFORMATION

1.1 Summary

Second Interval Inservice Inspections (ISI) of ASME Class 1, 2, and 3 components were conducted at Braidwood Station Unit 2 between September 10, 2006 to June 16, 2008, with the majority of these inspections being performed during the Braidwood Station Unit 2 thirteenth refueling outage (A2R13). This outage is reflected in the Braidwood ISI schedule by the code 232 (Interval 2, Period 3, Outage 2).

The examinations were performed in accordance with the rules and regulations of Section XI, Division 1, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, 1989 Edition, no addenda, pursuant to the requirements of Title 10, Part 50.55a of the Code of Federal Regulations (10CFR50.55a).

The Containment Inspection Program was developed and implemented in accordance with the requirements and intent of Subsections IWE and IWL of ASME Section XI, 1992 Edition through the 1992 Addenda, pursuant to the requirements of 10CFR50.55a.

In addition to the ASME Section XI requirements, certain NRC augmented ISI inspections were required during A2R13. The Braidwood Unit 2 augmented ISI examinations included:

a) Examination of the Class 1 pressure boundary for leakage at nominal operating pressure, in accordance with Generic Letter 88-05.

b) Bare Metal Visual examination of the Unit 2 pressurizer steam space nozzles in accordance with Braidwood Station response to NRC Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors".

c) Ultrasonic examination (post weld overlay) of all six pressurizer nozzle-to-safe end dissimilar metal welds associated with Confirmatory Action Letter NRR-07-008 commitments for Unit 2.

There were no significant findings associated with any of the augmented ISI examinations. Reports for these examinations have been submitted under separate transmittals when required.

1.2 Identification of Examination Requirements

The Second Interval ISI Program contains the Component Selection tables. These tables are presented in a tabular format consistent with the tables found in subsections IWB, IWC, IWD, IWE, and IWF-2500 of the ASME code. The NDE tables include the corresponding code category, item number, and component/weld population selection in conformance with examination requirements and intent of Subsection IWA, IWB, IWC, IWD, IWE, and IWF of Section XI of the ASME Code. Program notes and relief requests and additional information are identified in the basis column.

1.3 Exempted Components

ASME Class 1, 2, and 3 components (or parts of components) that are not included in the Component inspection tables and that are exempt from examination, as specified in Section XI Subsection IWB, IWC, IWD, and IWF are identified in the Braidwood Station Boundary Basis document, along with reference to the justification(s) for exempting the component/system.

1.4 ISI Program Implementation

Braidwood Station personnel, or their designee, visually examined (VT-1, VT-2, VT-3, VT-1C, and VT-3C) and/or NDE examined (UT, PT, MT) ASME components. The components examined comply with the ISI Program Schedule, Braidwood Station Technical Specifications (TS), and/or compliance with the ASME Section XI Repair/Replacement Program. All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Sub-article IWA-2200: "Examination Methods".

Certified personnel performed and evaluated all NDE. Personnel were certified to the requirements of the American Society for Non-destructive Testing SNT-TC-1A, 1984 Edition. The NDE procedures were developed and certified in conformance with ASME Section V and XI, 1989 Edition, or approved alternates (Performance Demonstration Initiative Program) as applicable. In addition, ultrasonic examination personnel were qualified in accordance with ANSI/ASME CP-189, 1995.

Certified personnel performed and evaluated visual examinations (VT-1, VT-2, and VT-3) of Class 1, 2, and 3 components and supports. Personnel were certified to the requirements of the American Society for Non-destructive Testing SNT-TC-1A, 1984 Edition and/or ASME Section XI 1989, as applicable.

Certified personnel performed and evaluated visual examinations (VT-1, VT-3, VT-1C and VT-3C) of Containment Structures. Personnel were certified to the requirements of the ANSI/ASNT CP-189, 1991 revision, and/or ASME Section XI 1992 through 1992 Addenda, as applicable.

1.5 Witness and Verification of Examination

The inservice inspections were witnessed and/or verified by the Authorized Nuclear Inservice Inspectors (ANII), L. Malabanan, R. White, and J. Snyder. The inspectors are associated with Hartford Steam Boiler Inspection and Insurance Company of Connecticut, Chicago Branch, at 2443 Warrenville Rd., Suite 500, Lisle, Illinois 60532.

2.0 INSERVICE EXAMINATION SUMMARY

The following is a summary of ASME Section XI, Risk Informed ISI, and augmented examinations performed during the Braidwood Station Unit 1 A2R13 refueling outage. Refer to the component detailed examination tabulations of Section 3.0 for additional information on specific welds, components, supports, snubbers and pressure test examinations and their respective results.

2.1 Inservice Weld/Component Summary

System	Number of Welds / Components*
Chemical & Volume Control (CV)	8
Feedwater (FW)	3
Reactor Coolant (RC)	58
Residual Heat Removal (RH)	9
Steam Generator (SG)	6
Reactor Coolant (RY)	10
Safety Injection (SI)	7
Essential Service Water (SX)	1
TOTALS	**102**

*Non-Section XI Augmented examinations and Risk Informed ISI socket weld VT-2 examinations are not included in these counts but are contained in Section 3.1.

2.2 Inservice Component Support Summary

SYSTEM EXAMINED	Number of Component Supports
Chemical & Volume Control (CV)	1
Containment Spray (CS)	1
Feedwater (FW)	2
Reactor Coolant (RC)	1
Residual Heat Removal (RH)	3
Pressurizer (RY)	3
Safety Injection (SI)	43
Essential Service Water (SX)	3
Primary Containment Purge (VQ)	2
TOTALS	**59**

2.3 Inservice Snubber Summary

SYSTEM EXAMINED	Number of Snubbers Examined by VT-3	Number of Snubbers Functionally Tested
Containment Spray (CS)	8	1
Chemical & Volume Control (CV)	21	5
Feedwater (FW)	41	4
Main Steam (MS)	20	1
Reactor Coolant (RC)	55	11
Residual Heat Removal (RH)	17	0
Pressurizer (RY)	19	5
Safety Injection (SI)	36	3
Essential Service Water (SX)	2	1
TOTALS	**219**	**31**

2.4 Inservice Pressure Test Summary

2.4.1 Pressure Test Test-Block Inspection Summary

Summary of components contained in this table are those pressure test blocks that were examined for Section XI Inservice Inspection credit. Braidwood has adopted Code Case N-522 as previously approved for use in Regulatory Guide 1.147 Revision 13, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1" for systems penetrating primary containment. Surveillances for remaining test blocks (located outside of containment) are in progress.

System	Class	Number of Test Blocks Examined
Chemical and Volume Control (CV)*	2	2
Instrument Air (IA)	2	1
Residual Heat Removal (RH)	2	5
Safety Injection (SI)	2	13
Essential Service Water (SX)	2	2
Plant Systems Pressurized During Mode 3 (ZZ)	1 & 2	4
TOTALS		**27**

* Portions of test blocks were completed prior/during the A2R12 outage (October 2006).

2.4.2 Borated Bolting Inservice Inspection Summary

Summary of components contained in this table are those insulated borated bolted connections that were examined for Section XI Inservice Inspection credit. Inspections on these connections are performed per the commitments in Relief Request I2R-12, I2R-13, and I2R-30, as applicable, of the ISI Program Plan.

SYSTEM EXAMINED	Number of Connections Examined by VT-2	Number of Connections Examined by VT-1
Chemical & Volume Control (CV)	13	2
Reactor Coolant (RC)	15	1
Residual Heat Removal (RH)	4	3
TOTALS	**32**	**6**

2.4.3 Steam Generator Inspection Summary

In compliance with Braidwood Station Technical Specification (TS) 5.5.9, "Steam Generator (SG) Program," and American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) 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 Cycle 13 refueling outage (A2R13). 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.

2.4.3.1 Inspection Scope and Results Summary

The following inspections were performed during the outage:

- 100% bobbin coil eddy current examination of all SGs excluding the Row 1 and 2 U-Bend regions. In the Row 1 and 2 U-Bend regions a 25% +Point™ inspection was performed as described below.

Note: In the 2A SG, the cold leg straight section on fifteen (15) tubes were not inspected with bobbin eddy current. This was due to the tubes being plugged prior to completion of cold leg eddy current.

- 20% hot leg top of tubesheet (+/- 3") +Point™ in all SGs
- 20% hot leg bulges ≥ 18 Volts and over expansions ≥ 1.5 mils above 1 inch from the hot leg tubesheet tube end, +Point™ in all SGs
- 20% of the hot leg tubing within the tubesheet for the full-length of tubesheet, +Point™ in all SGs
- 100% of the lower 1 inch of tubing within the hot leg tubesheet, +Point™ in all SGs
- 100% of the hot leg tubing within the tubesheet for the full-length of tubesheet, +Point™ of tubes in-service identified as having increased residual stress
- +Point™ inspection of all hot leg and cold leg tubesheet expansions transitions significantly outside the tubesheet
- +Point™ inspection of all pre-heater baffle plate expansions significantly above or below the baffle plate

- 20% preheater baffle expansion +Point™ in one SG
- 25% hot leg dents/dings >3.0 volts +Point™ in all SGs
- 25% row 1 and 2 U-bends +Point™ in all SGs
- Inspection of one deplugged tube hot leg Plug Expansion Zone (PEZ) +Point™
- 100% visual inspection of the previously installed and newly installed tube plugs in all SGs

The modes of tube degradation found during A2R13 were Anti-Vibration Bar (AVB) wear, tube support plate wear, secondary side foreign object wear, and Primary Water Stress Corrosion Cracking (PWSCC) that was limited to the bottom one inch of tubing in the hot leg tubesheet region. Prior to the start of A2R13 the NRC granted approval of an Interim Alternate Repair Criteria (IARC) for use during A2R13 and the subsequent operating cycle. Approval of the IARC was incorporated into the Braidwood Technical Speciation via Amendment Number 150. The IARC provided acceptance criteria for indications of PWSCC within the tubesheet region provided they are located below 17 inches from the top of the tubesheet.

As a result of the eddy current inspection of the SGs, a total of twenty-three (23) tubes were removed from service by mechanical tube plugging. Of the twenty-three (23) tubes removed from service, sixteen (16) were due to having PWSCC indications exceeding the IARC acceptance criteria, six (6) tubes were plugged due to having AVB wear greater than or equal to the 40% through wall (TW) Technical Specification 5.5.9.c.1 acceptance criteria, and one (1) tube was preventatively plugged due to having an 11% TW wear from a secondary side foreign object.

There were no scanning limitations during the eddy current examinations. As a result of the A2R13 eddy current inspections, a total of twenty-three (23) tubes were removed from service by mechanical tube plugging. The tube with the 11% TW indication of secondary side foreign object wear also received a stabilizer in the area of degradation prior to tube plugging. The Tables below provide the total tube plugging history / equivalent plugging levels to-date and the total number of tubes plugged in A2R13 by degradation mode.

Table 2.4.3-1
Equivalent Tube Plugging Level

	SG A	SG B	SG C	SG D	Total
Tubes Previously Plugged	66	49	60	25	200
Tubes Plugged in A2R13	17	0	5	1	23
Total Tubes Plugged	83	49	65	26	223
Total Tubes Plugged (%)	1.82%	1.07%	1.42%	0.57%	1.22%

Table 2.4.3-2
Tubes Repaired During A2R13

	SG A	SG B	SG C	SG D	Total
Foreign Object Wear	0	0	1	0	1
Anti-Vibration Bar Wear	1	0	4	1	6
PWSCC in Lower Hot Leg Tubesheet Region	16	0	0	0	23
A2R13 Plugging Totals	17	0	5	1	23

2.4.3.2 Procedures / Equipment / Personnel

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

Procedure ER-AP-335-040, "Evaluation of Eddy Current Data for Steam Generator Tubing," Revision 3, were used for data acquisition and analysis.

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.

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.

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.

Certification packages for examiners, data analysts and equipment are available at Braidwood Station. Tables 5.2-1 and 5.2-2 lists all personnel who performed, supervised, or evaluated the data during this SG inservice inspection.

CoreStar International Corporation OMNI-200™ Remote Data Acquisition Units (RDAUs) with Westinghouse ANSER computer software was used to acquire the eddy current data. Analysis was performed with Westinghouse ANSER 8.4.3 Revision 299 computer software.

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.

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.

The bobbin coil examinations were performed with a 0.610 inch diameter bobbin coil eddy current probe. 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 when required. 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.

The +Point™ examinations in the tubesheet region, 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. Nominal probe speed was 0.8 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.

The +Point™ examinations within the U-Bend regions were performed with a 0.580 inch diameter +Point™ eddy current probe. 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.

Non-quantifiable indications identified by an "I-Code" were performed with a 0.610 inch diameter three coil +Point™ eddy current probe. The nominal probe speed was 0.8 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.

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.

Table 2.4.3-3
A2R13
Data Acquisition Personnel Certifications

Name	Company	Level	Qualified Data Analyst (Y/N)
Lopez, P	Hudson	I	No
Mantich, S.	Hudson	I	No
Spires, A.	Hudson	I	No
Bradley, G.	Westinghouse	II	No
Chiplaskey, G.	Westinghouse	II	No
Evering, D.	Westinghouse	II	No
Fore, S.	Westinghouse	II	No
Gault, W.	Westinghouse	II	No
Miller, G.	Westinghouse	II	No
Scott, A.	Westinghouse	II	No
Shipley, E.	Westinghouse	II	No
Smith, D.	Westinghouse	II	No
Vernon, D.	Westinghouse	II	No

Table 2.4.3-4
A2R13 Data Analysis Personnel Certifications

Name	Company	Level	Qualified Data Analyst (Y/N)
Dykes, R.	Anatec	IIA	Yes
Maben, D.	Anatec	III	Yes
Neff, A.	Anatec	III	Yes
Raper, L.	Anatec	III	Yes
Wieber, J.	Anatec	IIA	Yes
Munk, R.	HRID	IIA	Yes
Zerovnik, V.	HRID	IIA	Yes
Zunac, D.	HRID	IIA	Yes
Dlabik. A.	Master-Lee	III	Yes
Galmoff, T.	Master-Lee	IIA	Yes
Kajari, I.	Master-Lee	IIA	Yes
Lynn, V.	Master-Lee	III	Yes
Chambers, D.	More Tech	III	Yes
Newman, E.	More Tech	IIA	Yes
Richardson, H.	More Tech	III	Yes
Sordini, J.	More Tech	IIA	Yes
Thulien, T.	More Tech	III	Yes
Webb, M.	More Tech	IIA	Yes
Alspaugh	NDE Technology	III	Yes
Anderson, D.	NDE Technology	IIA	Yes
Black, C.	NDE Technology	III	Yes
Brown, M.	NDE Technology	III	Yes
Casuby, G.	NDE Technology	III	Yes
Drumm, R.	NDE Technology	III	Yes
Grant, B.	NDE Technology	III	Yes
Siegel, R.	NDE Technology	III	Yes
Thompson, K.	NDE Technology	IIA	Yes
Agun Diez, F.	Tecnatom	IIA	Yes
Garcia-Caro, C.	Tecnatom	IIA	Yes
Garcia Lopez, F.	Tecnatom	III	Yes
Garcia Lopez, J.	Tecnatom	IIA	Yes
Garcia Munoz, A.	Tecnatom	III	Yes
Manzanares, I	Tecnatom	IIA	Yes
Rico Gonzalez. P	Tecnatom	IIA	Yes
Popovich, R.	Westinghouse	III	Yes
Stock, W.	Westinghouse	III	Yes
Martin, A.	Wiltec	IIA	Yes
Calander, D.	Young TS	IIA	Yes
Chapmon, G.	Young TS	IIA	Yes
Chevalier, W.	Young TS	IIA	Yes
Circosta, S.	Young TS	III	Yes
Emley, L.	Young TS	IIA	Yes
Newsom, C.	Young TS	IIA	Yes
Salls, Y.	Young TS	III	Yes
Welch, L.	Young TS	III	Yes

2.4.3.2 Inspection Scope and Results Detail

Details of the inspection scope and results are contained in the following attachments:

Attachment 1 As-tested Inspection Maps
Attachment 2 Tubes Containing AVB Wear
Attachment 3 Tubes Containing Pre-heater / Support Plate Wear
Attachment 4 Tubes Containing Foreign Object Wear
Attachment 5 Tubes Containing PWSCC Indications Within the Tubesheet
Attachment 6 Tubes Plugged During A2R13

Additional information concerning the steam generator eddy current inspection results will be contained A2R13 SG Tube Inspection Report that will be submitted to the Nuclear Regulatory Commission as required by Technical Specification 5.6.9, "Steam Generator (SG) Tube Inspection Report." The Technical Specification 5.6.9 report is required to be submitted to the staff within 180 days after initial entry into Mode 4 following completion of the SG inspection.

3.0 COMPONENT DETAILED EXAMINATION TABLES

3.1 Detailed Inservice Weld/Component Table(s):

The table for this section (Pages 3-5 to 3-29) lists the examinations performed for Section XI Inservice and Augmented Inspection requirements for Class 1 and 2 welds and components. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
(A)	(B) (K)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(J)								

3.1.1 Detailed Preservice Weld/Component Table(s):

The table for this section (Page 3-30 to 3-34) lists the baseline examinations performed for Section XI Preservice Inspection requirements for Class 1 (no Class 2 replaced) components replaced during A2R13. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments								
(A)	(B) (K)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(J)								

3.2 Detailed Inservice Component Support Table:

The table for this section (Page 3-35 to 3-45) lists the examinations performed for Section XI Inservice Inspection requirements for Class 1 and 2 component supports. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
(A)	(B) (K)	(C)	(D)	(E)	(G)	(I)
(J)						

3.2.1 Detailed Preservice Component Support Table:

The table for this section (Page 3-46) lists the examinations performed for Section XI Inservice Inspection requirements for a replaced Class 2 component support. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
(A)	(B) (K)	(C)	(D)	(E)	(G)	(I)
(J)						

3.3 Detailed Inservice Snubber Table:

The table for this section (Page 3-47 to 3-67) lists the examinations performed for Section XI Inservice Inspection requirements for Class 1 and 2 snubbers. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
(A)	(B) (K)	(C)	(D)	(E)	(G)	(I)
(J)						

3.3.1 Detailed Preservice Snubber Table:

The table for this section (Page 3-68 to 3-70) lists the baseline examinations performed for Section XI Preservice Inspection requirements for Class 1 (no Class 2 were replaced) snubbers replaced during A2R13. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Line Number/EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
(A)	(B) (K)	(C)	(D)	(E)	(G)	(I)
(J)						

3.4 Detailed Inservice Pressure Test Table(s):

3.4.1 System Pressure Tests

The table for this section (Page 3-71 to 3-77) lists the examinations performed for Section XI Inservice and Augmented Inspection requirements for Class 1 and 2 pressure test blocks. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
(A)	(B) (K)	(D)	(E)	(G)	(I)
(J)					

3.4.2 Borated Bolted Connection Inspections

The table for this section (Page 3-78 to 3-80) lists the examinations performed for Inservice Inspection pressure testing requirements of Section XI Class 1 and 2 borated bolted connections. The general format of how the table is set-up is shown below. A description of the information contained in each column can be found in Section 3.5.

Section XI Cat. Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments					
(A)	(B) (K)	(D)	(E)	(G)	(I)
(J)					

3.5 General Inservice Report Information

3.5.1 Report Column Descriptions

(A) This column contains the Section XI Category and Item identifiers for the specified component. There are special cases, like snubbers, where an "S" has been added to the end of the Section XI Item identifier. This was done to allow easy sorting of the snubber population by the ISI database.

(B) This column contains the ISI Identifier that the ISI Program uses to distinguish components.

(C) This column contains the line number or equipment piece number (EPN) associated with the component for identification.

(D) This column identifies the ISI Program Plan relief request(s) that is associated with that component. A complete copy of the relief request can be found in the ISI Program Plan.

(E) This column identifies the ISI Program Plan note(s) that is associated with that component. A complete copy of the Program note can be found in the ISI Program Plan.

(F) This column identifies the percentage of code coverage achieved for the associated volumetric examination for that component.

(G) This column summarizes the exams performed during this outage for the associated component.

(H) This column identifies actual exams performed during this outage for the associated component.

(I) This column summarizes the results for exams performed during this outage for the associated component.

(J) This row states inspection comments, when applicable, for the associated component.

(K) This column specifies the description of the associated component.

3.5.2 Report Abbreviations

BMV	-	Bare Metal Visual Inspection
FUNCT	-	Snubber Functional Test
GE/IND	-	Geometry/Indication
GEOM	-	Geometry
IND	-	Indication
IR	-	Issue Report
NRI	-	No Recordable Indications
MT	-	Magnetic Particle Inspection
PT	-	Liquid Penetrant Inspection
SUR	-	Surface Exam
TBD	-	To Be Developed
WO	-	Work Order
UT	-	Ultrasonic Inspection
VOL	-	Volumetric Exam
VOL-E	-	Volumetric Exam of an Extended Volume
VT	-	Visual Inspection

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2CV-05-03 ELBOW - PIPE	2CVA3B-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-05-04 PIPE - ELBOW	2CVA3B-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-05-05 ELBOW - PIPE	2CVA3B-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-05-06 PIPE - ELBOW	2CVA3B-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-05-13 PIPE - ELBOW	2CVA3B-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-05-14 ELBOW - PIPE	2CVA3B-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-11-06 PIPE - ELBOW	2CVA6AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-11-07 ELBOW - PIPE	2CVA6AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2CV-20-02 FLANGE - ELBOW	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45 UT-60	NRI
R-A	R01.20	2CV-20-03 ELBOW - PIPE	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI
R-A	R01.20	2CV-20-04 PIPE - ELBOW	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI
R-A	R01.20	2CV-20-05 ELBOW - PIPE	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI
R-A	R01.20	2CV-20-09 PIPE - PIPE	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI
R-A	R01.20	2CV-20-13 ELBOW - PIPE	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI
R-A	R01.20	2CV-20-14 PIPE - ELBOW	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI
R-A	R01.20	2CV-20-17 PIPE - ELBOW	2CV08AA-4"		NOTE 4 NOTE 7	100	VOL-E	UT-45	NRI

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2RC-36-15 PIPE - ELBOW	2CVA3AA-2"	I2R-39			VT-2		NRI
Perform during Excess Letdown Hx exam.									
R-A	R01.11	2RC-36-16 ELBOW - PIPE	2CVA3AA-2"	I2R-39			VT-2		NRI
Perform during Excess Letdown Hx exam.									
R-A	R01.11	2RC-36-17 PIPE - ELBOW	2CVA3AA-2"	I2R-39			VT-2		NRI
Perform during Excess Letdown Hx exam.									
R-A	R01.11	2RC-36-18 ELBOW - PIPE	2CVA3AA-2"	I2R-39			VT-2		NRI
Perform during Excess Letdown Hx exam.									
R-A	R01.11	2RC-37-13 PIPE - ELBOW	2CVA7AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-14 ELBOW - PIPE	2CVA7AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2FW-06-25	2FW87CB-6"		NOTE 4	100	VOL-E	UT-45	NRI
	R01.18	ELBOW - SG 2RC01BB AF NOZZLE			NOTE 7			UT-70	NRI
R-A	R01.11	2FW-08-31	2FW87CD-6"		NOTE 4	100	VOL-E	UT-45	NRI
	R01.18	PIPE - ELBOW			NOTE 7			UT-70	
R-A	R01.11	2FW-08-32	2FW87CD-6"		NOTE 4	100	VOL-E	UT-45	NRI
	R01.18	ELBOW - SG 2RC01BD AF NOZZLE			NOTE 7			UT-70	

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.20	2RC-03-28 10" BRANCH NOZZLE - 27.5" PIPE	2RC29AC-10"		NOTE 4	100	VOL-E	UT-45 UT-45L UT-60L	NRI
R-A	R01.11	2RC-12-06 PIPE - ELBOW	2RC21AC-8"		NOTE 4	100	VOL-E	UT-45	NRI
R-A	R01.11	2RC-12-07 ELBOW - PIPE	2RC21AC-8"		NOTE 4	100	VOL-E	UT-45	NRI
R-A	R01.11	2RC-15-05 PIPE - ELBOW	2RC21AD-8"		NOTE 4	100	VOL-E	UT-45	NRI
R-A	R01.11	2RC-15-06 ELBOW - PIPE	2RC21AD-8"		NOTE 4	100	VOL-E	UT-45	NRI
R-A	R01.20	2RC-20-02 PIPE - ELBOW	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-03 ELBOW - PIPE	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-04 PIPE - ELBOW	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-05 ELBOW - PIPE	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-36 PIPE - ELBOW	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-37 ELBOW - PIPE	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-38 PIPE - ELBOW	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-39 ELBOW - PIPE	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-20-40 PIPE - ELBOW	2RC22AD-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
B-G-2	B07.50	2RC-20-B1 FLANGED CONNECTION (4 STUDS)	2RC22AD-1.5"				VT-1		NRI
VT-1 examination performed in conjunction with the Bolted Borated Connection surveillance inspection.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
B-G-2	B07.50	2RC-23-B1 FLANGED CONNECTION (4 STUDS)	2RC22AA-1.5"				VT-1		NRI
VT-1 examination of bolting in place and under tension. Examination performed after post cleaning of boric acid originally noted during Bolted borated connection (BBC) surveillance inspection (reference report A2R13-BBC-046). No wastage observed.									
R-A	R01.11	2RC-29-11 VALVE 2RC8038C - PIPE	2RC16AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-29-12 PIPE - ELBOW	2RC16AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-29-13 ELBOW - PIPE	2RC16AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-29-14 PIPE - ELBOW	2RC16AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-29-15 ELBOW - PIPE	2RC16AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-29-16 PIPE - BRANCH CONNECT.	2RC16AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-11 PIPE - ELBOW	2RC13AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-12 ELBOW - PIPE	2RC13AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-13 PIPE - TEE	2RC13AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-14 TEE - 2"X.75" REDUCER	2RC13AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-15 TEE - PIPE	2RC13AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-16 PIPE - VALVE 2RC8040B	2RC13AB-2"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-18 PIPE - ELBOW	2RC13AC-2"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.20	2RC-30-19 ELBOW - PIPE	2RC13AC-2"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-20 PIPE - TEE	2RC13AC-2"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-21 TEE - 2"X.75" REDUCER	2RC13AC-2"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-30-22 TEE - PIPE	2RC13AC-2"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-01 BRANCH CONNECTION - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-02 PIPE - ELBOW	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-03 ELBOW - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-04 PIPE - ELBOW	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-05 ELBOW - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-06 PIPE - ELBOW	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-07 ELBOW - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-08 PIPE - VALVE 2RC8039B	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-09 VALVE 2RC8039B - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-09A.01 PIPE - TEE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2RC-31-09B.01 TEE - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-09C.01 TEE - 2"X1" REDUCER	2RC86AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-10 PIPE - TEE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-11 TEE - 2"X.75" REDUCER	2RC15AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-31-12.01 TEE - PIPE	2RC14AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-31-14 BRANCH CONNECTION - PIPE	2RC26A-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.20	2RC-31-15 PIPE - VALVE 2RC8057	2RC26A-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-02 PIPE - ELBOW	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-03 ELBOW - PIPE	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-04 PIPE - VALVE 2RC8039A	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-05 VALVE 2RC8039A - PIPE	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-05A.01 PIPE - TEE	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-05B.01 TEE - PIPE	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-05C.01 TEE - 2"X1" REDUCER	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2RC-36-06 PIPE - TEE	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-07 TEE - 2"X.75" REDUCER	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-08.01 TEE - PIPE	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-36-09 PIPE - VALVE 2RC8037A	2RC14AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-01 BRANCH CONNECTION - PIPE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-02 PIPE - COUPLING	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-03 COUPLING - PIPE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-04 PIPE - ELBOW	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-05 ELBOW - PIPE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-06 PIPE - VALVE 2RC8039D	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-07 VALVE 2RC8039D - PIPE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-07A.01 PIPE - TEE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-07B.01 TEE - PIPE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-07C.01 TEE - 2"X1" REDUCER	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2RC-37-08 PIPE - TEE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-09 TEE - 2"X.75" REDUCER	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-10 TEE - PIPE	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-37-11 PIPE - VALVE 2RC8037D	2RC14AD-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-03 VALVE 2RC8038A - PIPE	2RC16AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-04 PIPE - ELBOW	2RC16AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-05 ELBOW - PIPE	2RC16AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-06 PIPE - ELBOW	2RC16AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-07 ELBOW - PIPE	2RC16AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-08 PIPE - BRANCH CONNECT.	2RC16AA-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-11 VALVE 2RC8038B - PIPE	2RC16AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-12 PIPE - ELBOW	2RC16AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-41-13 ELBOW - PIPE	2RC16AB-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-42-01 BRANCH CONNECTION - PIPE	2RC14AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2RC-42-02 PIPE - ELBOW	2RC14AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-42-03 ELBOW - PIPE	2RC14AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-42-08 TEE - PIPE	2RC14AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2RC-42-09 PIPE - VALVE 2RC8037C	2RC14AC-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
B-G-1	B06.180 B06.190	2RCP-01-RCP-PA-01 TO 24 RCP MAIN FLANGE BOLT(01 TO 24)	2RC01PA		NOTE 2		VOL VT-1		NRI
B-A	B01.11	2RV-01-003 RX VESSEL SHELL - SHELL WELD	2RC01R		NOTE 4	100	VOL		IND. NRI
One indication, Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-A	B01.11	2RV-01-004 RX VESSEL SHELL - SHELL WELD	2RC01R		NOTE 4	100	VOL VOL		NRI IND.
Resizing of original indication noted during previous 10-Year ISI inspection (reference Relief Request I2R-32). New sizing concluded that indication is Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-A	B01.30	2RV-01-005 RX VESSEL SHELL - FLANGE	2RC01R	I2R-21	NOTE 4	99.99	VOL		IND.
Three indications, all Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-D	B03.90	2RV-01-006 NOZZLE - VESSEL (22 DEG.)	2RC01R	I2R-16 I2R-22	NOTE 4	95.31	VOL		IND.
One indication, Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-D	B03.90	2RV-01-007 NOZZLE - VESSEL (67 DEG.)	2RC01R	I2R-16	NOTE 4	99.68	VOL		IND.
Two indications, both Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-D	B03.90	2RV-01-008 NOZZLE - VESSEL (113 DEG.)	2RC01R	I2R-16	NOTE 4	99.68	VOL		IND.
One indication, Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-D	B03.90	2RV-01-009 NOZZLE - VESSEL (158 DEG.)	2RC01R	I2R-16 I2R-22	NOTE 4	95.31	VOL		NRI
B-D	B03.90	2RV-01-010 NOZZLE - VESSEL (202 DEG.)	2RC01R	I2R-16 I2R-22	NOTE 4	95.31	VOL		NRI
B-D	B03.90	2RV-01-011 NOZZLE - VESSEL (247 DEG.)	2RC01R	I2R-16	NOTE 4	99.68	VOL		IND.
Seven indications, all Code Allowable per ASME Section XI, IWB-3510-1 criteria.									
B-D	B03.90	2RV-01-012 NOZZLE - VESSEL (293 DEG.)	2RC01R	I2R-16	NOTE 4	99.68	VOL		NRI

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
B-D	B03.90	2RV-01-013 NOZZLE - VESSEL (338 DEG.)	2RC01R	I2R-16 I2R-22	NOTE 4	95.31	VOL		NRI
B-D	B03.100	2RV-01-014 NOZZLE INNER RADIUS (22 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-015 NOZZLE INNER RADIUS (67 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-016 NOZZLE INNER RADIUS (113 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-017 NOZZLE INNER RADIUS (158 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-018 NOZZLE INNER RADIUS (202 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-019 NOZZLE INNER RADIUS (247 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-020 NOZZLE INNER RADIUS (293 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
B-D	B03.100	2RV-01-021 NOZZLE INNER RADIUS (338 DEG.)	2RC01R	I2R-16	NOTE 4		IRS EVT-1		NRI
Enhanced VT-1 performed in lieu of UT per Code Case N-648-1/Regulatory Guide 1.147 Rev. 15.									
R-A	R01.15 MRP-139	2RV-01-022 NOZZLE - SAFE END (22 DEG.)	2RC01R	I2R-16 I2R-49	NOTE 4	100	VOL-E UT-70L		NRI
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.15 MRP-139	2RV-01-023 SAFE END - NOZZLE (67 DEG.)	2RC01R	I2R-16 I2R-49	NOTE 4	100	VOL-E UT-70L		NRI
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.15 MRP-139	2RV-01-024 SAFE END - NOZZLE (113 DEG.)	2RC01R	I2R-16 I2R-49	NOTE 4	100	VOL-E UT-70L		NRI
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.15 MRP-139	2RV-01-025 NOZZLE - SAFE END (158 DEG.)	2RC01R	I2R-16 I2R-49	NOTE 4	100	VOL-E UT-70L		NRI
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.15 MRP-139	2RV-01-026 NOZZLE - SAFE END (202 DEG.)	2RC01R	I2R-16 I2R-49	NOTE 4	100	VOL-E UT-70L		NRI
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2RV-01-027	2RC01R	I2R-16	NOTE 4	100	VOL-E		NRI
	MRP-139	SAFE END - NOZZLE (247 DEG.)		I2R-49			UT-70L		
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.15	2RV-01-028	2RC01R	I2R-16	NOTE 4	100	VOL-E		NRI
	MRP-139	SAFE END - NOZZLE (293 DEG.)		I2R-49			UT-70L		
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.15	2RV-01-029	2RC01R	I2R-16	NOTE 4	100	VOL-E		NRI
	MRP-139	NOZZLE - SAFE END (338 DEG.)		I2R-49			UT-70L		
Examination for Section XI and MRP-139 credit. Supplemental eddy current examination also performed.									
R-A	R01.20	2RV-01-030	2RC01AD-29"		NOTE 4	99.29	VOL-E		NRI
		"D" HOT LEG SAFE END - PIPE		I2R-49			UT-70L		
Supplemental eddy current examination also performed.									
R-A	R01.20	2RV-01-036	2RC03AA-27.5"		NOTE 4	95.84	VOL-E		NRI
		ELBOW - "A" COLD LEG SAFE END		I2R-49			UT-70L		
Supplemental eddy current examination also performed.									
R-A	R01.20	2RV-01-037	2RC01AA-29"		NOTE 4	93.15	VOL-E		NRI
		"A" HOT LEG SAFE END - PIPE		I2R-49			UT-70L		
Supplemental eddy current examination also performed.									
B-N-2	B13.60	2RV-01-039 TO 044	2RC01R				VT-3		NRI
		INTERIOR ATTACHMENT OUTSIDE BELTLINE REG							
B-N-3	B13.70	2RV-01-RX COREBARREL	2RC01R				VT-3		IND.
		CORE SUPPORT STUCTURE							
Debris located at vessel 200 degrees. The object appears to be metallic (approximately 1/2" X 5/8") and appears to have been compressed and lodged under the core barrel since the previous removal/installation (A2R06, October 1997). The debris was dispositioned through Issue Report 770884, EC 370641, and Westinghouse Evaluation LTR-MRCDA-08-108.									
B-N-1	B13.10	2RV-01-RX INTERIOR	2RC01R				VT-3		IND.
		ACCESSIBLE INTERIOR SURFACES							
Debris located at vessel 200 degrees. The object appears to be metallic (approximately 1/2" X 5/8") and appears to have been compressed and lodged under the core barrel since the previous removal/installation (A2R06, October 1997). The debris was dispositioned through Issue Report 770884, EC 370641, and Westinghouse Evaluation LTR-MRCDA-08-108.									
B-A	B01.21	2RV-02-001	2RC01R	I2R-18	NOTE 4	99.88	VOL		NRI
		DUTCHMAN - LOWER CENTER DISC.							
Scan limited by bottom mounted instruments 55, 56, 57, and 58.									
B-A	B01.11	2RV-02-002	2RC01R	I2R-18	NOTE 4	68.65	VOL		NRI
		RX VESSEL SHELL - DUTCHMAN							
Scan limited by six core support lugs. Reference Relief Request I2R-18.									
B-E	B04.13	2RV-02-INSTR. NOZZLES	2RC01R				VT-2		NRI
		RX VESSEL INSTRUMENTATION NOZ.							
Performed during Mode 3 walkdown.									
B-O	B14.10	2RV-03-66	2RC01R		NOTE 4	100	SUR	PT	NRI
		WELD IN PERIPHERAL CRD HOUSING							
B-O	B14.10	2RV-03-67	2RC01R		NOTE 4	100	SUR	PT	NRI
		WELD IN PERIPHERAL CRD HOUSING							

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
B-O	B14.10	2RV-03-72 WELD IN PERIPHERAL CRD HOUSING	2RC01R		NOTE 4	100	SUR	PT	NRI
B-O	B14.10	2RV-03-73 WELD IN PERIPHERAL CRD HOUSING	2RC01R		NOTE 4	100	SUR	PT	NRI
B-O	B14.10	2RV-03-78 WELD IN PERIPHERAL CRD HOUSING	2RC01R		NOTE 4	100	SUR	PT	NRI
B-E	B04.12	2RV-03-CRD NOZZLES REACTOR VESSEL CRD NOZZLES	2RC01R				VT-2		NRI
Performed during Mode 3 walkdown.									
B-E	B04.11	2RV-03-VENT PIPE REACTOR VESSEL NOZ. VENT PIPE	2RC01R				VT-2		NRI
Performed during Mode 3 walkdown.									
B-Q	B16.20	2SG-01-2RC01BA TUBING STEAM GENERATOR TUBING	2RC01BA				ET		IND.
See Report Section 2.4.3 and Attachments 1 through 6 for inspection results and corrective actions.									
B-Q	B16.20	2SG-02-2RC01BB TUBING STEAM GENERATOR TUBING	2RC01BB				ET		IND.
See Report Section 2.4.3 and Attachments 1 through 6 for inspection results and corrective actions.									
B-Q	B16.20	2SG-03-2RC01BC TUBING STEAM GENERATOR TUBING	2RC01BC				ET		IND.
See Report Section 2.4.3 and Attachments 1 through 6 for inspection results and corrective actions.									
B-D	B03.140	2SG-03-SGN-01A PRIMARY NOZZLE INNER RADIUS	2RC01BC		NOTE 4	95.2	IRS	VT-1	NRI
Enhanced VT-1 from ID to be used in lieu of UT as approved through Code Case N-619.									
B-D	B03.140	2SG-03-SGN-01B PRIMARY NOZZLE INNER RADIUS	2RC01BC		NOTE 4	95.2	IRS	VT-1	NRI
Enhanced VT-1 from ID to be used in lieu of UT as approved through Code Case N-619.									
B-Q	B16.20	2SG-04-2RC01BD TUBING STEAM GENERATOR TUBING	2RC01BD				ET		IO
See Report Section 2.4.3 and Attachments 1 through 6 for inspection results and corrective actions.									
B-G-2	B07.30	2SG-04-B1 9A PRIMARY MANWAY (16 BOLTS)	2RC01BD				VT-1		NRI
VT-1 examination performed (bolting in place and under tension) in conjunction with the Bolted Borated Connection surveillance inspection.									
B-G-2	B07.30	2SG-04-B2 9B PRIMARY MANWAY (16 BOLTS)	2RC01BD				VT-1		NRI
VT-1 examination performed (bolting in place and under tension) in conjunction with the Bolted Borated Connection surveillance inspection.									
B-D	B03.140	2SG-04-SGN-01A PRIMARY NOZZLE INNER RADIUS	2RC01BD		NOTE 4	95.2	IRS	VT-1	NRI
Enhanced VT-1 from ID to be used in lieu of UT as approved through Code Case N-619.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
B-D	B03.140	2SG-04-SGN-01B PRIMARY NOZZLE INNER RADIUS	2RC01BD		NOTE 4	95.2	IRS	VT-1	NRI
Enhanced VT-1 from ID to be used in lieu of UT as approved through Code Case N-619.									
R-A	R01.20	2SI-02-39 PIPE - ELBOW	2RC35AA-6"		NOTE 4	100	VOL-E	UT-45	NRI
R-A	R01.11	2SI-31-01 PIPE - 3"X1.5" REDUCER	2RC30AA-1.5"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2SI-31-02 VALVE 2SI8900A - PIPE	2RC30AA-1.5"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.20	2RH-08-42 PIPE - ELBOW	2RH01CB-16"		NOTE 4 NOTE 7	100	VOL-E		NRI
R-A	R01.20	2RH-08-50 PIPE - ELBOW	2RH01CB-16"		NOTE 4 NOTE 7	100	VOL-E		NRI
R-A	R01.20	2RH-08-55 ELBOW - PIPE	2RH01CB-16"		NOTE 4 NOTE 7	100	VOL-E		NRI
C-A	C01.10	2RHX-01-2RHEC-01 (A HX) FLANGE - HX SHELL	2RH02AA		NOTE 4	50	VOL	UT-45 UT-60L	NRI NRI
Reinspection based on LaSalle March 2008 NRC finding. Indications below recording levels acceptable (Section III 1974 NC-5300).									
C-A	C01.20	2RHX-01-2RHEC-02 (A HX) HX SHELL - HEAD	2RH02AA		NOTE 4	100	VOL	UT-45	NRI
Reinspection based on LaSalle March 2008 NRC finding. Indications below recording levels acceptable (Section III 1974 NC-5300).									
C-B	C02.21	2RHX-01-2RHXN1 (A HX) 2A RH HX SHELL - NOZZLE	2RH02AA		NOTE 4		VT-2		NRI
C-B	C02.21	2RHX-01-2RHXN1 (B HX) 2B RH HX SHELL - NOZZLE	2RH02AB		NOTE 4		VT-2		NRI
C-B	C02.21	2RHX-01-2RHXN2 (A HX) NOZZLE - 2A RH HX SHELL	2RH02AA		NOTE 4		VT-2		NRI
C-B	C02.21	2RHX-01-2RHXN2 (B HX) NOZZLE - 2B RH HX SHELL	2RH02AB		NOTE 4		VT-2		NRI

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2CV-02-13 VALVE 2CV8377 - PIPE	2RY18A-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-02-15 ELBOW - PIPE	2RY18A-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2CV-02-18 PIPE - ELBOW	2RY18A-2"	I2R-39			VT-2		NRI
Performed during Mode 3 walkdown.									
B-E	B04.20	2PZR-01-HEATER PENET. PRESSURIZER HEATER PENETRATION	2RY01S				BMV	BMV	NRI
Augmented visual examination per NSAL-06-08. All mirror insulation was removed prior to examination as part of surge nozzle dissimilar metal weld overlay.									
B-D	B03.110	2PZR-01-N1 PRESSURIZER - SURGE NOZZLE	2RY01S	I2R-08	NOTE 4		VT-2		NRI
Per Relief Request I2R-08 any portions of this component made accessible shall be examined to the extent possible.									
		PRESSURIZER - SURGE NOZZLE				59.2	VOL	UT-0 UT-60	
Mirror insulation was removed to support weld overlay of pressurizer surge nozzle dissimilar metal weld making surge nozzle accessible for examination.									
B-D	B03.120	2PZR-01-N1 (NIR) PRESSURIZER - SURGE NOZZLE INNER RADIUS	2RY01S	I2R-08	NOTE 4	100	IRS	UT-35 UT-50 UT-55	NRI
Mirror insulation was removed to support weld overlay of pressurizer surge nozzle dissimilar metal weld making surge nozzle inner radius accessible for examination.									
R-A	R01.15 R01.11 MRP-139	2PZR-01-SE-01 PZR SURGE NOZZLE - SAFE END	2RY11A-14"	I2R-48	NOTE 4		SUR VOL-E	BMV PT	NRI NRI NRI
Bare metal visual examination performed prior to weld overlay as committed in Relief Request I2R-48.									
Final liquid penetrant of completed weld overlay performed on 5/2/2008, no indications were reported under Report 900640-PT-027.									
Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-01-SW-1). The examinations performed included 0 degree, 45 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave.									
Coverage for Weld Overlay Examination (PN-01-SW-1) was as follows: 0 degree: 98.6% Circumferential scans: 90.0% Axial Scans: 100%									
Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-01) was as follows: Axial Scans: 100% Circumferential Scans: 100%									
		PZR SURGE NOZZLE - SAFE END					VOL-E		
Inservice examination.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2PZR-01-SE-02	2RY03AA-6"	I2R-48	NOTE 4		SUR	BMV	NRI
	MRP-139	PZR SAFETY NOZZLE - SAFE END						PT	NRI
							VOL		NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/3/2008. Three linear indications (.064" X .500", .064" X .190", and .040" X .400") were recorded under Report 900640-035. All three indications were buffed and reinspected under Report 900640-037 (all three were reduced to a length less than .0625").

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-04-SW-4). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave.

Coverage for Weld Overlay Examination (PN-04-SW-4) was as follows:

0 degree: 99.2%
Circumferential scans: 95.7%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-02) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

							VOL		
		PZR SAFETY NOZZLE - SAFE END							
R-A	R01.15	2PZR-01-SE-03	2RY03AB-6"	I2R-48	NOTE 4		VOL		NRI
	MRP-139	PZR SAFETY NOZZLE - SAFE END							

This weld was moved from A2R12 to A2R13 (replaced with 2SI-02-42). This weld is scheduled to be overlaid or mitigated with MSIP during A1R13 (BJC).

							SUR	BMV	
		PZR SAFETY NOZZLE - SAFE END						PT	NRI
							VOL	VOL	NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/3/2008. No recordable indications were noted Report 900640-033.

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-05-SW-5). Examinations performed included 0 degree, 40 degree refracted L-wave, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No recordable indications were noted in any of the scans performed.

Coverage for Weld Overlay Examination (PN-05-SW-5) was as follows:

0 degree: 99.3%
Circumferential scans: 95.7%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle weld (2PZR-01-SE-03) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2PZR-01-SE-04	2RY03AC-6"	I2R-48	NOTE 4		VOL		NRI
	MRP-139	PZR SAFETY NOZZLE - SAFE END							
Examination performed after full structural weld overlay was applied.									
							SUR	BMV	
		PZR SAFETY NOZZLE - SAFE END						PT	NRI
							VOL	VOL	NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/3/2008. No recordable indications were noted Report 900640-032.

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-04-SW-4). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 99.2%
Circumferential scans: 94.9%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-04) was as follows:

Axial Scans: 99.8%
Circumferential Scans: 100%

R-A	R01.15	2PZR-01-SE-05	2RY01B-4"	I2R-48	NOTE 4		SUR	BMV	NRI
	R01.11	SAFE END - PZR SPRAY NOZZLE						PT	NRI
	MRP-139						VOL-E		

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/8/2008. No recordable indications were noted Report 900640-041.

Final ultrasonic examinations were performed on 5/8/2008 (Data Sheet A2R13-PN-06-SW-6). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 97.4%
Circumferential scans: 93.8%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-02) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2PZR-01-SE-06	2RY02A-6"	I2R-48	NOTE 4		SUR	BMV	NRI
	MRP-139	PZR RELIEF NOZZLE - SAFE END						PT	NRI
							VOL	VOL	NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

No indications reported during final liquid penetrant examination per Report 900640-034.

Final ultrasonic examinations were performed on 5/3/2008 (Data Sheet A2R13-PN-03-SW-3). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-03-SW-3) was as follows:

0 degree: 98.7%
Circumferential scans: 93.3%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-06) was as follows:

Axial Scans (both welds): 100%
Circumferential Scans (both welds): 100%

R-A	R01.11	2RC-05-01	2RY11A-14"	I2R-48	NOTE 4		VOL-E		NRI
		PZR SAFE END - PIPE							

Final ultrasonic examinations were performed on 5/3/2008 (Data Sheet A2R13-PN-01-SW-1). Examinations performed included 0 degree, 45 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave.

Coverage for Weld Overlay Examination (PN-01-SW-1) was as follows:

0 degree: 98.6%
Circumferential scans: 90.0%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Pipe Weld 2RC-05-01 was as follows:

Axial Scans (both welds): 100%
Circumferential Scans (both welds): 100%

R-A	R01.11	2RC-16-01	2RY01C-4"	I2R-48	NOTE 4		VOL-E		NRI
		SAFE END - 6"X4" REDUCER							

Final ultrasonic examinations were performed on 5/8/2008 (Data Sheet A2R13-PN-06-SW-6). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 97.4%
Circumferential scans: 93.8%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Reducer Weld (2RC-16-01) was as follows:

Axial Scans: 94.4%
Circumferential Scans: 100%

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.20	2RC-32-13 SAFE END - ELBOW	2RY03AC-6"	I2R-48	NOTE 4		VOL-E		NRI

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-06-SW-6). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 99%
Circumferential scans: 94.9%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Elbow Weld (2RC-32-13) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Steam Generator (SG)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
C-A	C01.30	2SG-01-SGC-02 TUBESHEET - STUB BARREL	2RC01BA		NOTE 4	88.4	VOL	UT-0 UT-45 UT-60	NRI
See A2R13-UT-031 for beam spread.									
C-A	C01.10	2SG-03-SGC-03 STUB BARREL - LOWER SHELL (A)	2RC01BC		NOTE 4	99.9	VOL	UT-0 UT-45 UT-60	NRI
Minor limitation due to secondary manway flange cover. Scanning performed over the course of two days.									
C-A	C01.20	2SG-03-SGC-08 UPPER SHELL (B) - UPPER HEAD	2RC01BC		NOTE 4	100	VOL	UT-0 UT-45 UT-60	NRI
Reference A2R13-UT-031 for beam spread.									
C-B	C02.21	2SG-03-SGN-02 16" FW NOZZLE - STUB BARREL	2RC01BC		NOTE 4	100 100	SUR VOL	MT UT-0 UT-45 UT-60	NRI NRI
See A2R13-UT-031 for beam spread.									
C-B	C02.22	2SG-03-SGN-02 (NIR) 16" FW NOZZLE - STUB BARREL NOZZLE INNER RAD	2RC01BC		NOTE 4	100	IRS	UT-26L UT-26L UT-26L	NRI
UT performed using 26 degree longitudinal wave and skewed (+/- 9 degrees) 26 degree longitudinal wave.									
C-B	C02.21	2SG-03-SGN-03 UPPER HEAD - MS NOZZLE	2RC01BC		NOTE 1 NOTE 4	100 94	SUR VOL	MT PT UT-0 UT-45 UT-60	NRI NRI NRI
Majority of surface examination was performed using magnetic particle with four areas of limitation supplemented by liquid penetrant examination. Reference Data Sheet A2R13-UT-031 for beam spread.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.16	2SI-01-23 PIPE - ELBOW	2SI09BA-10"		NOTE 4	100	VOL	UT-45	NRI
R-A	R01.11	2SI-08-31 3"X1.5" REDUCER - COUPLING	2SI08FA-1.5"	I2R-39	NOTE 4		VT-2		NRI
Performed during Mode 3 walkdown.									
R-A	R01.11	2SI-20-04 ELBOW - PIPE	2SI08JC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-05 PIPE - ELBOW	2SI08JC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-06 ELBOW - PIPE	2SI08JC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-07 PIPE - ELBOW	2SI08JC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-09 PIPE - FLANGE	2SI08JC-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-10 ELBOW - PIPE	2SI08JC-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-11 PIPE - ELBOW	2SI08JC-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-12 VALVE 2SI8810C - PIPE	2SI08JC-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-13 PIPE - VALVE 2SI8810C	2SI08JC-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-14 2"X1.5" REDUCER - PIPE	2SI08JC-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-15 COUPLING - 2"X1½" REDUCER	2SI08HC-2"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-20 2"X1.5" REDUCER - COUPLING	2SI08HC-2"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2SI-20-21 PIPE - 2"X1½" REDUCER	2SI08GC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-22 ELBOW - PIPE	2SI08GC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-23 PIPE - ELBOW	2SI08GC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-24 ELBOW - PIPE	2SI08GC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-25 PIPE - ELBOW	2SI08GC-1.5"	I2R-39	NOTE 4		VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-27 COUPLING - PIPE	2SI08GD-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-28 PIPE - ELBOW	2SI08GD-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-29 ELBOW - PIPE	2SI08GD-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-30 PIPE - ELBOW	2SI08GD-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-31 ELBOW - PIPE	2SI08GD-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
R-A	R01.11	2SI-20-32 PIPE - 2"X1½" REDUCER	2SI08GD-1.5"	I2R-39			VT-2		NRI
Examined during 2BwVSR TRM 3.4.F.2-SI.4.									
B-G-2	B07.50	2SI-20-B1 FLANGED CONNECTION (4 STUDS)	2SI08JC-1.5"				VT-1		IO IO
VT-1 examination of bolting in place and under tension during Bolted borated connection (BBC) surveillance inspection. Light surface oxidation (IO) found on bolting, no wastage observed. Bolting was removed under WO 919437-21, another VT-1 was performed on all bolting materials, no evidence of degradation noted in any of the bolting examined.									
B-G-2	B07.50	2SI-20-B2 FLANGED CONNECTION (8 STUDS)	2SI08HC-2"				VT-1		IO
B-G-2	B07.50	2SI-20-B3 FLANGED CONNECTION (8 STUDS)	2SI08HD-2"				VT-1		IO
VT-1 examination of bolting in place and under tension during Bolted borated connection (BBC) surveillance inspection. Light surface oxidation (IO) found on bolting, no wastage observed.									

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
B-G-2	B07.50	2SI-20-B4 FLANGED CONNECTION (4 STUDS)	2SI08JD-1.5"				VT-1		IO IO
VT-1 examination of bolting in place and under tension during Bolted borated connection (BBC) surveillance inspection. Light surface oxidation (IO) found on bolting, no wastage observed. Bolting was removed under WO 919437-22, another VT-1 was performed on all bolting materials, no evidence of degradation noted in any of the bolting examined.									
B-K	B10.20	2SI-22-09 PIPE - PENETRATION (2RB-064)	2SI03FB-2"	I2R-15	NOTE 4	100	SUR	PT	NRI
C-C	C03.20	2SI-24-SW01 TO SW02 2 STANCHIONS WELDED TO PIPE	2SI06BB-24"	I2R-15	NOTE 4	100	SUR	PT	NRI

Section 3.1 Detailed Inservice Inspection Weld / Component Listing

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SYSTEM: Essential Service Water System (SX)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
C-C	C03.20	2SX-04-02 & 03 PIPE - PENETRATION (2PC-007)	2SX06BB-16"	I2R-10 I2R-15	NOTE 4	100	SUR	MT	NRI

Section 3.1.1 Detailed Preservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2PZR-01-SE-01	2RY11A-14"	I2R-48	NOTE 4		SUR	BMV	NRI
	R01.11	PZR SURGE NOZZLE - SAFE END						PT	NRI
	MRP-139						VOL-E		NRI

Bare metal visual examination performed prior to weld overlay as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/2/2008, no indications were reported under Report 900640-PT-027.

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-01-SW-1). The examinations performed included 0 degree, 45 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave.

Coverage for Weld Overlay Examination (PN-01-SW-1) was as follows:

0 degree: 98.6%
Circumferential scans: 90.0%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-01) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

R-A	R01.15	2PZR-01-SE-02	2RY03AA-6"	I2R-48	NOTE 4		SUR	BMV	NRI
	MRP-139	PZR SAFETY NOZZLE - SAFE END						PT	NRI
							VOL		NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/3/2008. Three linear indications (.064" X .500", .064" X .190", and .040" X .400") were recorded under Report 900640-035. All three indications were buffed and reinspected under Report 900640-037 (all three were reduced to a length less than .0625").

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-04-SW-4). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave.

Coverage for Weld Overlay Examination (PN-04-SW-4) was as follows:

0 degree: 99.2%
Circumferential scans: 95.7%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-02) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

Section 3.1.1 Detailed Preservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2PZR-01-SE-03	2RY03AB-6"	I2R-48	NOTE 4		SUR	BMV	NRI
	MRP-139	PZR SAFETY NOZZLE - SAFE END						PT	NRI
							VOL	VOL	NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/3/2008. No recordable indications were noted Report 900640-033.

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-05-SW-5). Examinations performed included 0 degree, 40 degree refracted L-wave, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No recordable indications were noted in any of the scans performed.

Coverage for Weld Overlay Examination (PN-05-SW-5) was as follows:

0 degree: 99.3%
Circumferential scans: 95.7%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle weld (2PZR-01-SE-03) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

R-A	R01.15	2PZR-01-SE-04	2RY03AC-6"	I2R-48	NOTE 4		SUR	BMV	NRI
	MRP-139	PZR SAFETY NOZZLE - SAFE END						PT	NRI
							VOL	VOL	NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/3/2008. No recordable indications were noted Report 900640-032.

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-04-SW-4). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 99.2%
Circumferential scans: 94.9%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-04) was as follows:

Axial Scans: 99.8%
Circumferential Scans: 100%

Section 3.1.1 Detailed Preservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.15	2PZR-01-SE-05	2RY01B-4"	I2R-48	NOTE 4		SUR	BMV	NRI
	R01.11	SAFE END - PZR SPRAY NOZZLE						PT	NRI
	MRP-139						VOL-E		

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

Final liquid penetrant of completed weld overlay performed on 5/8/2008. No recordable indications were noted Report 900640-041.

Final ultrasonic examinations were performed on 5/8/2008 (Data Sheet A2R13-PN-06-SW-6). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 97.4%
Circumferential scans: 93.8%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-02) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

R-A	R01.15	2PZR-01-SE-06	2RY02A-6"	I2R-48	NOTE 4		SUR	BMV	NRI
	MRP-139	PZR RELIEF NOZZLE - SAFE END						PT	NRI
							VOL	VOL	NRI

Bare metal visual examination performed prior to weld overlay in accordance with Exelon response to NRC Bulletin 2004-01 and as committed in Relief Request I2R-48.

No indications reported during final liquid penetrant examination per Report 900640-034.

Final ultrasonic examinations were performed on 5/3/2008 (Data Sheet A2R13-PN-03-SW-3). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-03-SW-3) was as follows:

0 degree: 98.7%
Circumferential scans: 93.3%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Nozzle Weld (2PZR-01-SE-06) was as follows:

Axial Scans (both welds): 100%
Circumferential Scans (both welds): 100%

Section 3.1.1 Detailed Preservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.11	2RC-05-01 PZR SAFE END - PIPE	2RY11A-14"	I2R-48	NOTE 4		VOL-E		NRI

Final ultrasonic examinations were performed on 5/3/2008 (Data Sheet A2R13-PN-01-SW-1). Examinations performed included 0 degree, 45 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave.

Coverage for Weld Overlay Examination (PN-01-SW-1) was as follows:

0 degree: 98.6%
Circumferential scans: 90.0%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Pipe Weld 2RC-05-01 was as follows:

Axial Scans (both welds): 100%
Circumferential Scans (both welds): 100%

R-A	R01.11	2RC-16-01 SAFE END - 6"X4" REDUCER	2RY01C-4"	I2R-48	NOTE 4		VOL-E		NRI

Final ultrasonic examinations were performed on 5/8/2008 (Data Sheet A2R13-PN-06-SW-6). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 97.4%
Circumferential scans: 93.8%
Axial Scans: 100%

Post overlay coverage (PSI and ISI) for Safe End-to-Reducer Weld (2RC-16-01) was as follows:

Axial Scans: 94.4%
Circumferential Scans: 100%

R-A	R01.20	2RC-32-01 SAFE END - ELBOW	2RY03AA-6"	I2R-48	NOTE 4		VOL-E	VOL-E	NRI

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-04-SW-4). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No recordable indications were noted in any of the scans performed.

Coverage for Weld Overlay Examination (PN-04-SW-4) was as follows:

0 degree: 98.4%
Circumferential scans: 94.5%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Elbow weld (2RC-32-01) was as follows:

Safe End-to-Elbow
Axial Scans: 100%
Circumferential Scans: 100%

Section 3.1.1 Detailed Preservice Inspection Weld / Component Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Code Coverage	Exam Summary	Actual Exam	Results
Inspection Comments									
R-A	R01.20	2RC-32-07 SAFE END - ELBOW	2RY03AB-6"	I2R-48	NOTE 4		VOL-E	VOL-E	NRI

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-05-SW-5). Examinations performed included 0 degree, 40 degree refracted L-wave, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No recordable indications were noted on any of the scans performed.

Coverage for Weld Overlay Examination (PN-05-SW-5) was as follows:

0 degree: 99.3%
Circumferential scans: 95.7%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Elbow weld (2RC-32-07) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

R-A	R01.20	2RC-32-13 SAFE END - ELBOW	2RY03AC-6"	I2R-48	NOTE 4		VOL-E		NRI

Final ultrasonic examinations were performed on 5/4/2008 (Data Sheet A2R13-PN-06-SW-6). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-06-SW-6) was as follows:

0 degree: 99%
Circumferential scans: 94.9%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Elbow Weld (2RC-32-13) was as follows:

Axial Scans: 100%
Circumferential Scans: 100%

B-G-2	B07.50	2RC-32-B4 FLANGED CONNECTION (12 STUDS)	2RY03BA-6"				Visual	VT-1	NRI

Preservice VT-1 of one replacement inlet flange hydranut (Cat ID 1400115-1, UTC 2739925). Old hydranut was lost when joint was disassembled to replace the existing valve for ISTsurveillance testing.

R-A	R01.20	2RC-35-01 SAFE END - ELBOW	2RY02A-6"	I2R-48	NOTE 4		VOL	VOL	NRI

Final ultrasonic examinations were performed on 5/3/2008 (Data Sheet A2R13-PN-03-SW-3). Examinations performed included 0 degree, 45 degree refracted L-wave, 50 degree refracted L-wave, 60 degree refracted L-wave, 70 degree refracted L-wave, and OD creeping wave. No indications were noted during final UT.

Coverage for Weld Overlay Examination (PN-03-SW-3) was as follows:

0 degree: 98.7%
Circumferential scans: 93.3%
Axial Scans: 100%

Coverage (PSI and ISI) for Safe End-to-Elbow (2RC-35-01) was as follows:

Axial Scans (both welds): 100%
Circumferential Scans (both welds): 100%

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Containment Spray System (CS)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.40	2CS01PA CS PP 2A, integrally attached to pump	2CS01PA		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2CV41016V (1) Variable Spring Can	2CV14FD-2"		NOTE 8	VT-3	NRI
Successive Exam Required Due To RI Identfied During A2R12. Reference Issue Report No. 544850.							

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2AF04074V (1) Variable Spring Can	2FW81AB-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2FW03008R Strut	2FW03DB-16"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RC17053R Strut	2RC22AB-1.5"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RH02051R Strut	2RH01AA-12"		NOTE 8	VT-3	NRI
F-A	F01.20	2RH07001V (2) Variable Spring Cans	2RH02AA-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI06355V (1) Variable Spring Can	2RH01BA-12"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.40	2RY01S	2RY01S		NOTE 8	VT-3	NRI
F-A	F01.10	2RY05001V (1) Variable Spring Can	2RY11A-14"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY05009V (1) Variable Spring Can	2RY11A-14"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY06021C (2) Constant Spring Cans	2RY01B-6"		NOTE 8		
						VT-3	NRI
		(2) Constant Spring Cans				VT-3	NRI
Support was initially scheduled for Section XI examination (completed on 4/24/2008). Post overlay VT-3 of support as required by Code Case N-504-2 (completed on 5/14/2008).							
F-A	F01.10	2RY06022G (2) Struts	2RY01B-6"		NOTE 8	VT-3	NRI
F-A	F01.10	2RY06024V (1) Variable Spring Can	2RY01B-6"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY06101C (1) Constant Spring Can	2RY01B-6"		NOTE 8		
						VT-3	NRI
		(1) Constant Spring Can					
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY06130V (1) Variable Spring Can	2RY01AB-4"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY09003C (1) Constant Spring Can	2RY02B-3"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY09010C (1) Constant Spring Can	2RY06A-3"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY09030C (1) Constant Spring Can	2RY03AA-6"		NOTE 8	VT-3	NRI
Support identified as interference to A2R13 pressurizer weld overlays and was removed/reinstalled under WO 1078103-58. Post overlay VT-3 of support as required by Code Case N-504-2 and Section XI repair/replacement plan.							

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2PC-026A Anchor, integrally attached to pipe	2SI08D-3"		NOTE 8	VT-3 VT-3	NRI NRI
Portion of support outside of containment was examined on 2/14/2008. Remainder of support inside containment was examined on 5/01/2008.							
F-A	F01.10	2RB-064A Anchor, integrally attached to pipe	2SI03FB-2"		NOTE 8	VT-3	NRI
Both sides of support (outside and inside of containment) were examined on 4/26/2008.							
F-A	F01.20	2RH02072X Strut	2SI04B-12"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI03020R Strut	2SI05CD-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI03023X Box	2SI05CA-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI03024G Box	2SI05CA-8"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI04028X Strut	2SI05DB-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI04036R Strut	2SI05CB-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI06324X Strut	2SI82AB-12"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI06339V (2) Variable Spring Cans, IWA to pipe	2SI06BB-24"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI06361G Box	2SI06BA-24"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI07008G Box	2SI08CA-4"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI07011R Box	2SI08B-4"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI09015R Box	2SI05DC-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI09021X Strut	2SI05CB-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI09024C (2) Constant Spring Cans	2SI05CB-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI09031R Box	2SI05CB-8"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI10030V (1) Variable Spring Can	2SI03FB-2"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI10032G Box	2SI03FB-2"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2SI10033G U-Bolt	2SI03FB-2"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI10034G U-Bolt	2SI03FB-2"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI10035R Box	2SI03FB-2"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI15002X Strut	2SI02BA-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI15004R Rod	2SI13A-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI15006R Strut	2SI13BA-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI15009R Box	2SI02BA-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI18019G Box	2SI34A-8"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI18047R Strut	2SI02BA-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI18048R Box	2SI02BA-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI18052X Box	2SI02BA-6"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI18091X Strut	2SI34A-8"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI21006R Box	2SI08JC-1.5"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI21018G (2) Struts	2SI08FA-3"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI21021A Anchor, integrally attached to pipe	2SI08FA-3"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI21022X Box	2SI08E-3"		NOTE 8	VT-3	NRI
F-A	F01.20	2SI21031X Box	2SI08D-3"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI22031G Rod	2SI08JD-1.5"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI23001G Box	2SI08FA-3"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI24001X Strut	2SI08JA-1.5"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2SI24009G U-Bolt	2SI08JA-1.5"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI24012X Strut	2SI08JA-1.5"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI25001G Box	2SI08FA-3"		NOTE 8	VT-3	NRI
F-A	F01.10	2SI25005G U-Bolt	2SI08GB-1.5"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Essential Service Water System (SX)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2PC-007A Anchor, integrally attached to pipe	2SX06BB-16"		NOTE 8	VT-3 VT-3	NRI N/A
Portion of support outside of containment was examined on 2/14/2008. Remainder of support inside containment was examined on 5/01/2008.							
F-A	F01.20	2SX06008G Box	2SX06CA-14"		NOTE 8	VT-3	NRI
F-A	F01.20	2SX07004R Box	2SX06CB-14"		NOTE 8	VT-3	NRI

Section 3.2 Detailed Inservice Inspection Component Support Listing

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SYSTEM: Primary Containment Purge System (VQ)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2VQ02001G Box	2VQ04A-8"			VT-3	NRI
F-A	F01.20	2VQ03001G Box	2VQ05A-8"			VT-3	NRI

Section 3.2 Detailed Preservice Inspection Component Support Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RY05001V (1) Variable Spring Can	2RY11A-14"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY05009V (1) Variable Spring Can	2RY11A-14"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY06021C (2) Constant Spring Cans	2RY01B-6"		NOTE 8	VT-3 VT-3	NRI NRI
Support was initially scheduled for Section XI examination (completed on 4/24/2008). Post overlay VT-3 of support as required by Code Case N-504-2 (completed on 5/14/2008).							
F-A	F01.10	2RY06024V (1) Variable Spring Can	2RY01B-6"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY06101C (1) Constant Spring Can	2RY01B-6"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY06130V (1) Variable Spring Can	2RY01AB-4"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY09003C (1) Constant Spring Can	2RY02B-3"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY09010C (1) Constant Spring Can	2RY06A-3"		NOTE 8	VT-3	NRI
Post overlay VT-3 of support as required by Code Case N-504-2.							
F-A	F01.10	2RY09030C (1) Constant Spring Can	2RY03AA-6"		NOTE 8	VT-3	NRI
Support identified as interference to A2R13 pressurizer weld overlays and was removed/reinstalled under WO 1078103-58. Post overlay VT-3 of support as required by Code Case N-504-2 and Section XI repair/replacement plan.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Containment Spray System (CS)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2CS03012S Snubber	2CS02AA-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CS03022S Snubber	2CS02AB-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CS03103S Snubber	2CS02AB-10"	I2R-14		VT-3	NRI
Remote Examination. Remote Exam 12' Away.							
F-A	F01.20	2CS03106S Snubber	2CS02AB-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CS03107S Snubber	2CS02AA-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CS04002S Snubber	2CS02AA-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CS04010S Snubber	2CS02AA-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CS05005S Snubber	2CS02AB-10"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2CV02010S Snubber	2CV10DB-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06008S Snubber	2CVB7A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06010S Snubber	2CVB7A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06017S Snubber	2CVB7A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06022S Snubber	2CVB7A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CV08006S Snubber	2CV05CB-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CV08010S Snubber	2CV05CB-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CV08011S Snubber	2CV05CB-6"	I2R-14		VT-3 Functional Functional VT-3	NRI NRI IND. NRI
Direct Examination. Snubber was replaced for Service Life Monitoring as marginal test results were observed during previous test. The recorded test results are for the replacement snubber (Serial Number 4480). An as found test was performed on the snubber that was replaced (Serial Number 5723). Acceptance criteria was met.							
F-A	F01.20	2CV08013S Snubber	2CV05CB-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2CV08021S Snubber	2CV05CB-6"	I2R-14		VT-3 VT-3 Functional Functional VT-3	IND. NRI NRI NRI NRI
Direct Examination. During As-Found VT-3 exam, missing bolting (nuts) were discovered on the bottom of the load stud (Reference IR 739387). In addition, snubber was replaced for Service Life Monitoring as marginal test results were observed during previous test. The recorded test results are for the replacement snubber (Serial Number 3745). An as found test was performed on the snubber that was replaced (Serial Number 14861). Acceptance criteria was met.							
F-A	F01.10	2CV09018S Snubber	2CVA3B-2"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2CV09030S Snubber	2CVA6AA-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2CV09051S Snubber	2CVA3B-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV09063S Snubber	2CVA6AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV16008S Snubber	2CVA3AB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV16009S Snubber	2CVA7AB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV22009S Snubber	2CV45B-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2CV25009S Snubber	2CVA7AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV25051S Snubber	2CVA7AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV25052S Snubber	2CVA3B-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2CV40001S Snubber	2CV14FC-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV40006S Snubber	2CV14FC-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV41001S Snubber	2CV14FD-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06121S Snubber	2CV45B-2"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2FW02003S Snubber	2FW03DA-16"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2FW02012S Snubber	2FW03DA-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW02013S Snubber	2FW03DA-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW02016S Snubber	2FW03DA-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW03010S Snubber	2FW03DB-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW03012S Snubber	2FW03DB-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW03013S Snubber	2FW03DB-16"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2FW03014S Snubber	2FW03DB-16"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2FW03015S Snubber	2FW03DB-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW03016S Snubber	2FW03DB-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW03017S Snubber	2FW03DB-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW03019S Snubber	2FW03DB-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW04005S Snubber	2FW03DC-16"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2FW04011AS Snubber	2FW03DC-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW04011BS Snubber	2FW03DC-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW04013S Snubber	2FW03DC-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW04015S Snubber	2FW03DC-16"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2FW04017S Snubber	2FW03DC-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05011AS Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05011BS Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05013S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05014S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05016S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05017S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05019S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05020S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW05021S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2FW05022S Snubber	2FW03DD-16"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW06002S Snubber	2FW87CA-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW06005S Snubber	2FW87CA-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW06008S Snubber	2FW87CA-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW06013S Snubber	2FW87CA-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW07004S Snubber	2FW87CB-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW07005S Snubber	2FW87CB-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW07006S Snubber	2FW87CB-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW07014S Snubber	2FW87CB-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2FW07019S Snubber	2FW87CB-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW08005S Snubber	2FW87CC-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW08006S Snubber	2FW87CC-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW08007S Snubber	2FW87CC-6"	I2R-14		VT-3	NRI
Remote Examination.							
F-A	F01.20	2FW08018S Snubber	2FW87CC-6"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Main Steam System (MS)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2MS01074AS Snubber, integrally attached to pipe	2MS07AA-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01074BS Snubber, integrally attached to pipe	2MS07AA-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01079S Snubber, integrally attached to pipe	2MS07AA-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01083AS Snubber, integrally attached to pipe	2MS07AD-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01083BS Snubber, integrally attached to pipe	2MS07AD-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01088S Snubber, integrally attached to pipe	2MS07AD-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01092AS Snubber, integrally attached to pipe	2MS07AB-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01092BS Snubber, integrally attached to pipe	2MS07AB-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01097S Snubber, integrally attached to pipe	2MS07AB-28"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2MS01101AS Snubber, integrally attached to pipe	2MS07AC-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01101BS Snubber, integrally attached to pipe	2MS07AC-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS01106S Snubber, integrally attached to pipe	2MS07AC-28"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS05007AS Snubber, integrally attached to pipe	2MS01AA-30.25"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS05007BS Snubber, integrally attached to pipe	2MS01AA-30.25"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Main Steam System (MS)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2MS06007AS Snubber, integrally attached to pipe	2MS01AB-32.75"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS06007BS Snubber, integrally attached to pipe	2MS01AB-32.75"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS07006AS Snubber, integrally attached to pipe	2MS01AC-32.75"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS07006BS Snubber, integrally attached to pipe	2MS01AC-32.75"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS08007AS Snubber, integrally attached to pipe	2MS01AD-30.25"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2MS08007BS Snubber, integrally attached to pipe	2MS01AD-30.25"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2CV02003S Snubber	2RC37A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06003S Snubber	2RC36A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06014S Snubber	2RC36A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06016S Snubber	2RC36A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV06019S Snubber	2RC36A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV09068S Snubber	2RC14AC-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV09069S Snubber	2RC14AC-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV11013S Snubber	2RC14AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV11019S Snubber	2RC14AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV11023S Snubber	2RC14AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV12002S Snubber	2RC16AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV12003S Snubber	2RC16AA-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2CV12005S Snubber	2RC16AA-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV14001S Snubber	2RC16AD-2"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2CV14004S Snubber	2RC16AD-2"	I2R-14		VT-3 Functional Functional VT-3	NRI IND. NRI NRI
Direct Examination. Snubber S.N. 17837 replaced with S.N. 14627 due to marginal test results during the Drag Test. Recorded test results are for the replacement snubber.							
F-A	F01.10	2CV14039S Snubber	2RC16AD-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV15015S Snubber	2RC14AB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV15039S Snubber	2RC14AB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV15111S Snubber	2RC14AB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV24026S Snubber	2RC16AB-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2CV24027S Snubber	2RC16AB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV24039S Snubber	2RC16AB-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2CV25001S Snubber	2RC14AD-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV25002S Snubber	2RC14AD-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2CV25034S Snubber	2RC14AD-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RC01006S Snubber	2RC21AA-8"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RC01007S Snubber	2RC21AA-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.40	2RC01BA-A Snubber	S.G. A	I2R-14		VT-3	NRI
Direct Examination. 3/8" in Drip Pan.							
F-A	F01.40	2RC01BA-B Snubber	S.G. A	I2R-14		VT-3	NRI
Direct Examination. 1/16" in Drip Pan.							
F-A	F01.40	2RC01BB-A Snubber	S.G B	I2R-14		VT-3	NRI
Direct Examination. 3/8" in Drip Pan.							
F-A	F01.40	2RC01BB-B Snubber	S.G B	I2R-14		VT-3	NRI
Direct Examination. 1/16" in Drip Pan.							
F-A	F01.40	2RC01BC-A Snubber	S.G C	I2R-14		VT-3	NRI
Direct Examination. 5/16" in Drip Pan.							
F-A	F01.40	2RC01BC-B Snubber	S.G C	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Adaptor hex screw was replaced under WO# 978253-01. Direct Examination. 1/8" in Drip Pan.							
F-A	F01.40	2RC01BD-A Snubber	S.G D	I2R-14		VT-3	NRI
Direct Examination. 1/8" in Drip Pan							
F-A	F01.40	2RC01BD-B Snubber	S.G D	I2R-14		VT-3	NRI
Direct Examination. 1/8" in Drip Pan.							
F-A	F01.10	2RC02006AS Snubber	2RC21AB-8"	I2R-14		VT-3	NRI
Direct Examination							
F-A	F01.10	2RC02006BS Snubber	2RC21AB-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC02007S Snubber	2RC21AB-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC02008S Snubber	2RC21AB-8"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RC03005S Snubber	2RC21AC-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC03006S Snubber	2RC21AC-8"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RC03007S Snubber	2RC21AC-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC03008S Snubber	2RC21AC-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC04005S Snubber	2RC21AD-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC16114S Snubber	2RC22AA-1.5"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC16119S Snubber	2RC22AA-1.5"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC17052S Snubber	2RC22AB-1.5"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC17058S Snubber	2RC22AB-1.5"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RC18034S Snubber	2RC22AC-1.5"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RC19042S Snubber	2RC22AD-1.5"	I2R-14		VT-3 Functional Functional VT-3	NRI IND. NRI NRI
Direct Examination. Snubber S.N. 2672 replaced with S.N. 42815 due to marginal test results during the Drag Test. Recorded test results are for the replacement snubber.							
F-A	F01.10	2RC19054S Snubber	2RC22AD-1.5"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06015S Snubber	2RC24AA-4"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RY06017S Snubber	2RC24AA-4"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RY06104S Snubber	2RC26A-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06106S Snubber	2RC26A-2"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RH02002S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02003S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02007S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02008S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02009S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02012S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02013S Snubber	2RH01AB-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02047S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02052S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02054S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02058S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02059S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02068S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02205S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RH02220S Snubber	2RH01AA-12"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2RH07025S Snubber	2RH02AA-8"	I2R-14		VT-3	NRI
Direct Examination. Remote Exam 12' Away.							
F-A	F01.20	2RH08030S Snubber	2RH02AB-8"	I2R-14		VT-3	NRI
Direct Examination. Remote Exam 12' Away.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RY05003S Snubber	2RY11A-14"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY05010S Snubber	2RY11A-14"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06011S Snubber	2RY01AB-4"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06013S Snubber	2RY01AB-4"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06018S Snubber	2RY01AA-4"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RY06020S Snubber	2RY01B-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06025S Snubber	2RY01B-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06076S Snubber	2RY01B-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06114S Snubber	2RY18A-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY06115S Snubber	2RY18A-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY09001S Snubber	2RY02B-3"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RY09005S Snubber	2RY02B-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY09012S Snubber	2RY06A-3"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RY09060S Snubber	2RY06A-3"	I2R-14		VT-3 Functional Visual	NRI NRI NRI
This snubber was scheduled for functional testing during A2R13. This snubber was permanently removed / deleted under EC 370053 and was permanently removed from system under WO# 1126395-01 (A2R13). Visual exam verifying all required components were removed was completed on 05/06/2008. ATI 716126-08 tracks remaining programmatic changes.							
F-A	F01.10	2RY09067S Snubber	2RY02B-3"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RY09077S Snubber	2RY02B-3"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination. Snubber was removed in support of maintenance (PWOL Project) and was functionally tested for Service Life Monitoring purposes outside of the test sample population. Post Overlay VT-3 examination in accordance with Code Case N-504-2.							
F-A	F01.10	2RY09078S Snubber	2RY06A-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY09100S Snubber	2RY02B-3"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RY09101S Snubber	2RY06A-3"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2RH02018S Snubber	2SI04D-8"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.10	2RH02019S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02023S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2RH02027S Snubber	2SI04C-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02061S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02066S Snubber	2SIA4B-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02067S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02069S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02078S Snubber	2SIA4B-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02079S Snubber	2SIA4B-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02080S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02081S Snubber	2SI04D-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02082S Snubber	2SIA4B-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2RH02083S Snubber	2SIA4B-8"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2RH02206S Snubber	2SIA4A-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI01023S Snubber	2SI05CA-8"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI03001S Snubber	2SI09BD-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI03003S Snubber	2SI09BD-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI03009S Snubber	2SI05DD-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI03014AS Snubber	2SI05DD-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI03014BS Snubber	2SI05DD-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI03018S Snubber	2SI05DD-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI05002S Snubber	2SI03AA-4"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI05003S Snubber	2SI03AA-4"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Remote Examination. Remote Exam 4' Away.							
F-A	F01.20	2SI05013S Snubber	2SI18AB-4"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI05036S Snubber	2SI03AB-4"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI06340S Snubber	2SI06BB-24"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI06366S Snubber	2SI06BB-24"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2SI09002S Snubber	2SI09BC-10"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI09014AS Snubber	2SI05DC-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI09014BS Snubber	2SI05DC-6"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI10031S Snubber	2SI03FB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI10036S Snubber	2SI03FB-2"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.20	2SI16010S Snubber	2SI18DB-4"	I2R-14		VT-3	NRI
Direct Examination.							
F-A	F01.10	2SI16029S Snubber	2SI18FC-2"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2SI18049S Snubber	2SI02BA-6"	I2R-14		VT-3	NRI
Direct Examination.							

Section 3.3 Detailed Inservice Inspection Snubber Listing

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SYSTEM: Essential Service Water System (SX)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2SX09029S Snubber	2SX07EB-14"	I2R-14		VT-3 Functional VT-3	NRI NRI NRI
Direct Examination.							
F-A	F01.20	2SX09038S Snubber	2SX07CB-10"	I2R-14		VT-3	NRI
Remote Examination.							

Section 3.3.1 Snubber Preservice Inspection Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.20	2CV08011S	2CV05CB-6"	I2R-14		Functional	NRI
		Snubber				VT-3	NRI
Replaced existing PSA 1 mechancial snubber (Serial Number 5723) that passed A2R12 functional test with marginal results (reference IR 554692) with a functionally tested spare (Serial Number 4480).							
F-A	F01.20	2CV08021S	2CV05CB-6"	I2R-14		VT-3	NRI
		Snubber					
During VT-3 examination, missing nuts on lower load stud were noted (reference IR 739387). Missing bolting material was replaced and VT-3 was performed per the Section XI repair/replacement plan.							
						Functional	
		Snubber				VT-3	NRI
Replaced existing PSA 1 mechancial snubber (Serial Number 14861) that passed A2R12 functional test with marginal results (reference IR 554698) with a functionally tested spare (Serial Number 3745).							

Section 3.3.1 Snubber Preservice Inspection Listing

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
F-A	F01.10	2CV14004S Snubber	2RC16AD-2"	I2R-14		Functional VT-3	NRI NRI
Replaced existing PSA 1/2 mechancial snubber (Serial Number 17837) that passed A2R13 functional test with marginal results (reference IR 767413) with a functionally tested spare (Serial Number 14627).							
F-A	F01.40	2RC01BC-B Snubber	S.G C	I2R-14		VT-3	NRI
Hydraulic snubber was functionally tested and passed. An adaptor hex screw was replaced and was examined by post installation V-3 as required by Section XI repair/replacement plan.							
F-A	F01.10	2RC19042S Snubber	2RC22AD-1.5"	I2R-14		Functional VT-3	NRI NRI
Replaced existing PSA 1/4 mechancial snubber (Serial Number 2673) that passed A2R13 functional test with marginal results (reference IR 767415) with a functionally tested spare (Serial Number 42815).							

Section 3.3.1 Snubber Preservice Inspection Listing

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SYSTEM: Steam Generator Blowdown System (SD)

Section XI Cat.	Item	ISI Identifier Description	Line Number / EPN	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments							
NA	NA	2SD06051S Snubber	2SD01CE-2"	I2R-14		Functional VT-3	NRI NRI
Replaced existing PSA 1/4 mechancial snubber (Serial Number 2732) that passed A2R13 functional test with marginal results (reference IR 768913) with a functionally tested spare (Serial Number 12468).							

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.10	A02CV-000004-M04-01A	I2R-05		VT-2	IO
	C07.30	40 Month Period ASME Section XI Pressure Test.	I2R-12			NRI
	C07.50		I2R-13			IND.
	C07.70					NRI
						NRI
						NRI

Recordable indications noted on the following components:

2CV02A (9/13/2006, reference IR 539909): The connection was cleaned, bolting removed, bolting was examined using the ASME Code VT-1 Method, and the joint was tightened to the appropriate torque value. There was no reduction of the cross sectional material of the bolting identfied during the VT-1 Examination.

2CV8401B (9/13/2006, reference IR 550003): Leakage was verified not to be pressure boundary leakage, confirmed to be packing leak.

2CV128 (9/13/2006 reference IR 539862): Evidence of prior leakage was packing leak and not pressure boundary leakage.

Informational indications noted on the following components:

2CV070 (9/11/2006, reference IR 539101)
2CV8369A (9/11/2006, reference IR539102)
2CV8369D (9/11/2006, reference IR539103)
2CV065D (9/11/2006, reference IR 539104)
2CV8369B (9/11/2006, reference IR 539105)
2CV8369C (9/11/2006, reference IR 539109)
2CV065B (9/11/2006, reference IR 539112)
2CV8355A (9/11/2006, reference IR 539267)
2CV8355B (9/11/2006, reference IR 539269)
2CV8355C (9/11/2006, reference IR539270)
2CV8355D (9/11/2006, reference IR 539272)
2SI8924 (9/11/2006, reference IR 539860)
2CV8133 (9/11/2006, reference IR 539863)
2CV8384B (9/11/2006, reference IR 539120)
2CV8155 (9/11/2006, reference IR539864)
2CV8409 (9/11/2006, reference IR 539849)
2SI030A (9/11/2006, reference IR 539113)
2SI030B (9/11/2006, reference IR 539114)
2CV206 (9/11/2006, reference IR 539117)
2CV207 (9/11/2006, reference IR 539116)

C-H	C07.30	A02CV-000004-M04-01B	I2R-05	NOTE15	VT-2	IND.
	C07.50	40 Month Period ASME Section XI Pressure Test.	I2R-12			
	C07.70		I2R-13			

A recordable indication was noted on valve 2CV8109 (reference IR 539854).

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Instrument Air System (IA)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.40	A02IA-000005-M04-02A	I2R-05	NOTE17	VT-2	NRI
	C07.80	10 Year Interval ASME Section XI Pressure Test. Verify Continuous Leak Detection System for Airlock is in operation prior to performing SNOOP or Ultraprobe examination of test boundary.	I2R-13			
Pneumatic test						

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.20 C07.40 C07.60 C07.80	A02RH-000005-M04-02A 10 Year Interval ASME Section XI Pressure Test. VERIFY loop "A" in service. Pressurize 2A sample line per BwCP 613-3.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.20 C07.40 C07.60 C07.80	A02RH-000005-M04-02B 10 Year Interval ASME Section XI Pressure Test. VERIFY loop "B" in service. Pressurize 2B sample line per BwCP 613-3.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02RH-000005-M04-02C 10 Year Interval ASME Section XI Pressure Test. Associated Lines moved to pressure test block A02CV-000005-M04-02C based on system manager's request (ref. ATI 00394797 assignments 22 and 68).	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02RH-000005-M04-02D 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02RH-000005-M04-02E 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.40 C07.60 C07.80	A02SI-000005-M04-02A 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.60 C07.80	A02SI-000005-M04-02B 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02SI-000005-M04-02C 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02SI-000005-M04-02D 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE13 NOTE17	VT-2	IO
Ring of boric acid noted at packing on valves 2SI044 and 2SI8843 (IR 773877). No targets were identified.						
C-H	C07.40 C07.80	A02SI-000005-M04-02F 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02SI-000005-M04-02G 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02SI-000005-M04-02H 10 Year Interval ASME Section XI Pressure Test. See 2BwVSR TRM 3.4.F.2-SI-2 for on-line testing.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	IND.
Minor evidence of boric acid noted on 2FE-0984 (reference IR 774479). Determined to be a minor legacy residues that did not represent any leakage. There is no boric acid residues in contact with any portion of this bolting. Bolting was cleaned under WR 272123.						
C-H	C07.40 C07.80	A02SI-000005-M04-02N 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.40 C07.80	A02SI-000005-M04-02P 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	NRI
C-H	C07.20 C07.40 C07.80	A02ZZ-000005-M04-02J 10 Year Interval ASME Section XI Pressure Test.	I2R-05 I2R-12 I2R-13	NOTE17	VT-2	IND.

Recordable boric acid leakage indications noted on the following:

Flange at bellows of 2LT-0952 (one teaspoon, reference IR 765634): Under WO# 972934, removed exisitng bolts, cleaned flange faces, replaced bottom 4 bolts on both upper and lower flanges, replaced gaskets and torqued both upper flanges and lower flanges.

Informational indications of boric acid leakage noted on the following:

Packing leak at 2PS9352B (one tablespoon, reference IR 765594)
Packing leak at 2SI8878B (less than one teaspoon, reference IR 765610)
Packing leak at 2SI8808B (four tablespoons, reference WR 269796)

Informational indication of nitrogen leak at equalization valve (no EPN) between valves 2SI8981B and 2SI8982B (reference IR 765646)

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.20	A02ZZ-000005-M04-02K	I2R-05	NOTE17	VT-2	IO
	C07.40	10 Year Interval ASME Section XI Pressure Test.	I2R-12			
	C07.80		I2R-13			

The following boric acid leaks were identified:

Packing leak on 2PS9352A (two teaspoons, reference IR 765590)
Packing leak on 2SI8878A (two teaspoons, reference IR 765604)
Packing leak on 2SI8934A (two teaspoons, reference IR 765619)
Packing leak on 2SI8808A (four teaspoons, reference WR 269797)
Packing leak on unidentified equilization valve (no EPN) between valves 2SI8981A and 2SI8982A (one teaspoon, reference IR 765640)

C-H	C07.20	A02ZZ-000005-M04-02L	I2R-05	NOTE17	VT-2	IO
	C07.40	10 Year Interval ASME Section XI Pressure Test.	I2R-12			
	C07.80		I2R-13			

The following boric acid leaks were identified:

Packing leak on 2PS9352D (one teaspoon, reference IR 765601)
Packing leak on 2SI8877D (four teaspoons, reference WR 270048)
Packing leak on 2SI8934D (one teaspoon, reference IR 765627)
Packing leak on 2SI8808D (four teaspoons, reference WR 269794)

Nitrogen leaks were noted at the following:

Threaded cap downstream of 2SI032D (reference IR 766397)
Threaded cap downstream of 2SI033D (reference IR 766398)

Other indications noted:

Corroded lower bolt at 2LT-0956 bellows flanged connection (reference IR 766414)

C-H	C07.20	A02ZZ-000005-M04-02M	I2R-05	NOTE17	VT-2	IO
	C07.40	10 Year Interval ASME Section XI Pressure Test.	I2R-12			
	C07.80		I2R-13			

The following boric acid leaks were identified:

Packing leak on 2PS9352C (one teaspoon, reference IR 765597)
Packing leak on 2SI8878C (one teaspoon, reference IR 765616)
Packing leak on 2SI8934C (one teaspoon, reference IR 765624)
Packing leak on equalization valve (no EPN) between valves 2SI8983C and 2SI8984C (one teaspoon, reference IR 765648)
Packing leak on 2SI8808C (four tablespoons, reference WR 269795)

Nitrogen leaks were noted at the following:

Threaded cap downstream of 2SI032C (reference IR 766394)
Threaded cap downstream of 2SI033C (reference IR 766396)

Other indications noted:

Corroded lower bolt at 2LT-0955 bellows flanged connection (reference IR 766416)

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Essential Service Water System (SX)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.40	A02SX-000005-M04-02E	I2R-05	NOTE17	VT-2	IO
	C07.80	10 Year Interval ASME Section XI Pressure Test.	I2R-13			
Minor external corrosion noted around RCFC head coil flanges (carbon steel).						
C-H	C07.40	A02SX-000005-M04-02F	I2R-05	NOTE17	VT-2	IO
	C07.80	10 Year Interval ASME Section XI Pressure Test.	I2R-13			

2A (Left and Right Banks): External corrosion noted around RCFC head coil flanges in the upper two coils (carbon steel material), slight corrosion around carbon steel bolting for heads.

2C (Left and Right Banks): External corrosion noted on head coil flanges (levels 1, 4 and 5), minor corrosion on bolting associated with levels 2 and 3.

Section 3.4.1 Detailed Inservice Inspection Pressure Test Test-Block Listing

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SYSTEM: Plant Systems Pressurized During Mode 3 (ZZ)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
B-P	B15.10	A02ZZ-000005-M04-01A	I2R-05	NOTE13	VT-2	IND.
	B15.20	Periodic (each refueling outage) ASME Section XI Pressure Test	I2R-12			
	B15.30	(PMID 55141)/Generic Letter 88-05 (PMID 96032-17).	I2R-13			
	B15.50		I2R-30			
	B15.60/70		I2R-39			
Leakage noted at body-to-bonnet bolted connection on 2CV8149C (identified previously, reference IRs 775480 and 776358). In accordance with WO# 1134431, the insulation was removed from the valve, components and surfaces affected by the boric acid residues inspected using the VT-1 Method, and insulation was reinstalled. The bolting was not removed or tightened. Valve to be repaired in A2R14.						
B-P	B15.11	A02ZZ-000005-M04-02A	I2R-05	NOTE13	VT-2	IO
	B15.21	10 Year Interval ASME Section XI Pressure Test.	I2R-12	NOTE14		
	B15.31	Freeze seal required on Line 2CV45B to inspect 2RY18A.	I2R-13	NOTE17		
	B15.51		I2R-30			
	B15.61/71		I2R-31			
In addition to the normal Class 1 ascending Mode 3 walk downs (WO# 984432-01), the following were completed during A2R13: Safety Injection Cold Leg Injection under 2BwVSR TRM 3.4.F.2-SI.4 (WO# 1028523) Normally isolated Class 1 piping under 2BwVSR TRM 3.4.F.2-RC.1 (WO# 1053190) RPV head vent piping between Valves 2RC14A/C and 2RC14B/D (WO# 10303571) No active leakage noted during examination of 2CV45B-2". Dry boric acid at 2CV8145 stem-to-packing follower.						
C-H	C07.20	A02ZZ-000005-M04-02B	I2R-05	NOTE13	VT-2	IO
	C07.40	10 Year Interval ASME Section XI Pressure Test.	I2R-12	NOTE17		NRI
	C07.80	All Code Class 2 Components inside Containment. VT-2 Visual Inspection of components outside of Missle Barrier may be performed during Mode 1 if conditions permit.	I2R-13			
Unit 2 Loop Fill piping (CV) was inspected on 5/11/2008. Packing Leak (IO) at 2CV070 noted under IR 774279. Ascending Mode 3 walk down performed on 5/16/2008 under WO# 984814-01.						
C-H	C07.10	A02ZZ-000078-M04-03A	I2R-05	NOTE13	VT-2	NRI
	C07.30	40 Month Period ASME Section XI Pressure Test.	I2R-12			
	C07.70	All Code Class 2 components inside containment. VT-2 Visual Inspection of components outside Missle Barrier may be performed during Mode 1/3 if conditions permit. Valve in EX and LTD HX'ers when perform.	I2R-13			
No evidence of leakage noted.						

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.30	2A-CV-26 F-2-1 (C-H)	I2R-12		VT-2	IND.
	C07.40	FLANGED CONNECTION (8 STUDS)	I2R-13		VT-1	NRI
					VT-2	NRI
					VT-1	NRI
Two areas of boric acid residues were identified within the connection. One was 0.25 tespoons and the other was 0.50 teaspoons. Residues were yellow to rust in color and had minimal contact with bolting. Bolting was removed for examination in accordance with ASME Section XI per W/O 1131562. No wastage or material loss observed and all bolting was replaced.						
B-P	B15.50	2CV-03-B1 (B-P)	I2R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13			
C-H	C07.10	2CV04AA (C-H)	I2R-12		VT-2	NRI
	C07.20	2CV04AA HX (28 STUDS)	I2R-13			
C-H	C07.10	2CV04AB (C-H)	I2R-12		VT-2	NRI
	C07.20	2CV04AB HX (28 STUDS)	I2R-13			
C-H	C07.30	2CV-21 F-1-1 (C-H)	I2R-12		VT-2	IND.
	C07.40	FLANGED CONNECTION (8 STUDS)	I2R-13		VT-1	NRI
					VT-2	NRI
					VT-1	NRI
Bolted borated connection (BBC) surveillance inspection. Two areas approximately 180 degrees apart were identified as boric acid. Each was 1/4 teaspoon in size. The boric acid was yellow to rust in color. Minimal contact with bolting. Follow-up VT-1 examination was performed after connection and bolting were cleaned, no material loss was noted. In accordance with ASME Section XI, Bolting was removed for visual examination under Work Order Number 1134452 (06/12/2008). No degradation identified.						
C-H	C07.30	2CV-21 F-3-2 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (8 STUDS)	I2R-13			
C-H	C07.30	2CV-26 F-1-2 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (8 STUDS)	I2R-13			
B-P	B15.50	PG-2546C-214 F-2-2 (B-P)	I2R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13			
C-H	C07.30	PG-2546C-222 F-2-4 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	I2R-13			
C-H	C07.30	PG-2546C-269 F-1 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (4 STUDS)	I2R-13			
B-P	B15.50	PG-2546C-271 F-2-3 (B-P)	I2R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13			
C-H	C07.30	PG-2546C-283 F-1 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (8 STUDS)	I2R-13			
Reexamined due to indictaion during previous exam. Reference Issue Report Number 547136.						
B-P	B15.50	PG-2546C-301 F-2-2 (B-P)	I2R-12		VT-2	NRI
	B15.51	FLANGED CONNECTION (4 STUDS)	I2R-13			
Bolted borated connection (BBC) surveillance inspection.						

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 2 of 3)

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
B-P	B15.20 B15.21	2PZR-01-B1 (B-P) MANWAY BOLTING (16 TOTAL)	I2R-12 I2R-13		VT-2	NRI
B-P	B15.50 B15.51	2RC-20-B1 (B-P) FLANGED CONNECTION (4 STUDS)	I2R-12 I2R-13		VT-2	NRI
B-P	B15.50 B15.51	2RC-23-B1 (B-P) FLANGED CONNECTION (4 STUDS)	I2R-12 I2R-13		VT-2 VT-1 VT-2 VT-1	IND. NRI IND. NRI
Connection is not insulated but minor evidence (1 Tablespoon) of boric acid residues identified during ISI bolting exam. Minimal contact with bolting. Connection was cleaned and bolting closest to the surce of leakage removed for VT-1 examination. No damage identified, only very minor surface rust.						
B-P	B15.50 B15.51	2RC-32-B4 (B-P) FLANGED CONNECTION (12 STUDS)	I2R-13 I2R-30		VT-2	NRI
B-P	B15.50 B15.51	2RC-32-B5 (B-P) FLANGED CONNECTION (12 STUDS)	I2R-13 I2R-30		VT-2	NRI
B-P	B15.50 B15.51	2RC-32-B6 (B-P) FLANGED CONNECTION (12 STUDS)	I2R-13 I2R-30		VT-2	NRI
B-P	B15.10 B15.11	2RV-03-STUDS (01 TO 54, B-P) CLOSURE HEAD STUDS (54 TOTAL)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-01-B1 (B-P) 9A PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-01-B2 (B-P) 9B PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-02-B1 (B-P) 9A PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-02-B2 (B-P) 9B PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-03-B1 (B-P) 9A PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-03-B2 (B-P) 9B PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-04-B1 (B-P) 9A PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
B-P	B15.30 B15.31	2SG-04-B2 (B-P) 9B PRIMARY MANWAY (16 BOLTS)	I2R-13		VT-2	NRI
Bolted borated connection (BBC) surveillance inspection.						

Section 3.4.2 Detailed Inservice Inspection Borated Bolting Listing

(Page 3 of 3)

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	ISI Identifier Description	Relief Request	Program Notes	Exam Summary	Results
Inspection Comments						
C-H	C07.30	2RH-09 F-1 (C-H)	I2R-12		VT-2	IND.
	C07.40	FLANGED CONNECTION (20 STUDS)	I2R-13		VT-1	NRI
					VT-2	NRI
					VT-1	NRI
Reinspected due to boric acid residue leakage indication identified during previous inspection (A2R12, reference IR 566383. Boric acid residues observed around entire circumference of connection. A total of 2 tablespoons of residues were observed (reference IR 771304). The bolting closest to the source of leakage (3 of 20 total assemblies) was removed, cleaned, and examined by VT-1 method. Reference WO# 1131568-04, performed on 06/09/2008. No evidence of material wastage or reduction of cross sectional area of material was identified during VT-1 exam. Existing bolting (three bolts) was replaced.						
C-H	C07.30	2RH-09 F-2 (C-H)	I2R-12		VT-1	IND.
	C07.40	FLANGED CONNECTION (20 STUDS)	I2R-13		VT-1	NRI
					VT-2	NRI
					VT-1	NRI
Reinspected due to boric acid residue leakage indication identified during previous inspection (A2R12, reference IR 566383. Boric acid residues were observed around entire circumference of connection. A total quantity of 2 tablespoons of residues were observed (reference IR 771304). The bolting closest to the source of leakage (3 of 20 total assemblies) removed, cleaned, and inspected by the VT-1 method (reference WO# 1131568-04) on 06/09/2008. No evidence of material wastage or reduction of cross sectional area of material was identified during VT-1 exam. Existing bolting (three bolts) was replaced.						
C-H	C07.30	2RH-10 F-2-2 (C-H)	I2R-12		VT-2	NRI
	C07.40	FLANGED CONNECTION (24 STUDS)	I2R-13			
Examined Due To Indication Being Identfied During A2R12. Reference Issue Report No. 566386.						
C-H	C07.30	2RH-12 F-2-1 (C-H)	I2R-12		VT-2	IND.
	C07.40	FLANGED CONNECTION (12 STUDS)	I2R-13		VT-1	NRI
Reinspected during A2R13 due to indication identified during A2R12 (reference IR 548017. Reinspection performed on 04/17/2008. Evidence of leakage (0.5 cups total) existed for the circumference of the connection and evidence of gasket degradation were observed. This connection was scheduled for gasket/bolting replacement under WO# 970785. Gasket and all bolting were replaced. Removed bolting was examined by the VT-1 method, no eveidence of watage or reduction of cross sectional area of material was identified.						

4.0 NIS-1 FORM

As required by IWA-6000 of Section XI, this section contains the Owner's Report for Inservice Inspections, Form NIS-1, for the inservice examination of Class 1 and Class 2 pressure retaining components.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Exelon Generation Company (EGC, LLC), 200 Exelon Way, Kennett Square, PA, 19348
(Name and Address of Owner)

2. Plant Braidwood Station, 35100 South Route 53, Suite 84, Braceville, Illinois 60450
(Name and Address of Owner)

3. Plant Unit 2 4. Owner Certificate of Authorization (if required) Not Applicable

5. Commercial Service Date 10/17/1988 6. National Board Number for Unit N-197

7. Components Inspected See Section 3 of this report for all components (report is a total of 240 pages).

Component or Appurtenance	Manufacturer Or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel 2RC01R	Babcock & Wilcox	640-0016-51	B-24370	N-197
Pressurizer 2PZR-01	Westinghouse	2121	U-199347	W22170
Steam Generator 2SG-01-SGB-01	Westinghouse	CDGT-2111	Not Applicable	20
Steam Generator 2SG-02-SGB-01	Westinghouse	CDGT-2112	Not Applicable	21
Steam Generator 2SG-03-SGB-01	Westinghouse	CDGT-2113	Not Applicable	22
Steam Generator 2SG-04-SGB-01	Westinghouse	CDGT-2114	Not Applicable	23
Heat Exchanger 2RH02AA	Joseph Oat Corporation	2267-1H	U-199322	841
Heat Exchanger 2RH02AB	Joseph Oat Corporation	2267-1H	U-199325	843

See Sections 3.1 through 3.4.2 of report for specific Class 1 and 2 component locations examined.

FORM NIS-1 (Back)

8. Examination Dates: September 10, 2006 to June 16, 2008

9. Inspection Period Identification: 3rd Period - From July 29, 2005 through October 16, 2008

10. Inspection Interval Identification: 2nd Interval - From July 29, 1998 through October 16, 2008

11. Applicable Edition of Section XI: 1989 Edition Addenda No Addenda
    Applicable Edition of Section XI (IWE/IWL): 1992 Edition Addenda 1992 Addenda

12. Date/Revision of Inspection Plan: May 13, 2008 / Revision 10e

13. Abstract of Examination and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Attached Sections 2 and 3.

14. Abstract of Results of Examinations and Tests. See Attached Sections 2 and 3.

15. Abstract of Corrective Measures. See Attached Sections 2 and 3.

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) Not Applicable Expiration Date Not Applicable

Date August 1 20 08 Signed Exelon Nuclear Braidwood Station

By Brendan J. Casey Braidwood Station ISI Program Manager
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owner's Report during the period 9-10-06 to 6-16-08 and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes and warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

L [illegible] Commissions 8756, IL#1085 NIC
Inspector's Signature National Board, State, Province, and Endorsements

Date August 1 20 08

5.0 REPORT OF CONTAINMENT DEGRADATION

The NRC amended 10CFR 50.55a to incorporate by reference the 1992 Edition with the 1992 Addenda of Subsection IWE (Requirements for Class MC and Metallic Liners of Class CC Components of Light-Water Cooled Power Plants) and Subsection IWL (Requirements for Class CC Components of Light-Water Cooled Power Plants) of ASME Section XI, Division 1, with specified modifications and limitations. The following sections are included in the Inservice Inspection Summary report to meet the reporting conditions specified in 10CFR 50.55a(b)(2)(viii)(A)-(E) and 10CFR 50.55a(b)(2)(ix)(A)-(E). The completed surveillances for IWL and IWE contain all the examination details along with indications recorded and their associated evaluations required by ASME Section XI.

5.1 A2R13 Containment Concrete Examinations (IWL)

Unit 2 IWL tendon and concrete examinations under the 20th year post tensioning surveillance were completed in September of 2006 (prior to the A2R12 refuel outage). There were no 10CFR 50.55a(b)(2)(viii)(A)-(E) reportable tendon or concrete inspection conditions IWL applicable to A2R13 activities.

5.2 A2R13 Containment Metal Liner Examinations (IWE)

The remaining second interval scheduled Section XI IWE examinations of the Class CC liner, including the VT-3 surface examination of all accessible surface areas (Examination Category E-A) was performed during A2R13.

Exelon Procedures ER-AA-330-007, *"Visual Examination of ASME Section XI Class MC Surfaces and Class CC Liners"* and ER-AA-335-018, *"Detailed, General Visual, VT-1, VT-1C, VT-3 and VT-3C, Visual Examination of ASME Class MC and CC Containment Surfaces and Components"* were used to perform the examinations.

There were no 10CFR 50.55a(b)(2)(ix)(A)-(E) reportable conditions discovered during A2R13.

6.0 NIS-2 FORM (OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS)

SUMMARY OF NIS-2 FORMS

System	ASME Code Classification	
	Code Class 1	Code Class 2
Auxiliary Feedwater (AF)	-	1
Chemical & Volume Control (CV)	1	10
Containment Spray (CS)	-	1
Reactor Coolant (RC)	1	1
Residual Heat Removal (RH)	-	4
Reactor Pressurizer (RY)	8	-
Safety Injection (SI)	8	17
Steam Generator Blowdown (SD)	-	1
Chilled Water (WO)	-	1

Total NIS-2 Forms	**54**
Total Pages	**54**

Associated NIS-2 Forms are attached.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/28/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 00 (Spare Valve)
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01071950-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Auxiliary Feed Water (AF) (Class 2 System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Winter 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Spare 4" 900# Class Check Valve Assorted Parts	Anderson, Greenwood & Co.	Not Recorded	Not Applicable	Serial Number A1081	Not Recorded	Replaced	Yes
Check Valve Disc	Anderson-Greenwood USA, Inc.	Code A547	Not Applicable	Cat ID 20848-1 UTC 2009712	1986	Replacement	Yes (N-2)
Hinge Pin Bushings	Anderson Greenwood Crosby	N97915-35-0016 N97915-36-0017	Not Applicable	Cat ID 20850 UTC 2706617 UTC 2706618	2004	Replacement	No
Hex Screw	Anderson Greenwood Crosby/ Energy Steel	Heat 8898247 Lot Code BL	Not Applicable	Cat ID 21096-1 UTC 2696744	2001	Replacement	No
Slotted Hex Nut	Anderson Greenwood Crosby/ Dyson Corp. Domestic Nut	Heat 681X014 Lot Code ESM2	Not Applicable	Cat ID 21097-1 UTC 2545171	2000	Replacement	No

7. Description of Work: Rebuilt spare check valve and performed bench test pressure test.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   Other ☐ Pressure N/A psig Test Temp. N/A °F

9. Remarks: VT-2 will be performed under work order task that installs check valve. Applicable Manufacturer's Data Reports (Form N-2) and material certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/28, 2008

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 1/11/2008 to 5/28/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/30, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01128949-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical Volume & Control (CV) Class 1 portion of system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1974 Addenda, Code Cases*: 1644 Revision 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180, N-108, N-225, N-38, 1690, N-242-1, and N-247

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/2 Mechanical Snubber 2CV14004S	ITT Grinnell	S/N 17837	Not Applicable	2CV14004S	Not Recorded	Replaced	No
PSA-1/2 Mechanical Snubber	ITT Grinnell	S/N 14627	Not Applicable	Cat ID 27530-1 UTC 2012007	Not Recorded	Replacement	No

7. Description of Work: Replaced existing snubber that passed A2R13 functional test with marginal test results (reference Issue Report 767413). Replacement snubber was functionally tested prior to installation. *Code Cases per ITT Grinnell Corporation Letter dated August 18, 1982.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed after reinstallation. Applicable certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 4/26/2008 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-4, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00917194-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical and Volume Control (CV) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1971 Edition, Winter 1972 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: N-416-3

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ER 316/316L Weld Rod (3/32" Diameter) for Body-to-Bonnet Seal Weld for Valve 2CV8368D	Arcos Alloys	Lot CM8256	N/A	Cat ID 8500-1 UTC 2715657	2004	Replacement	No

7. Description of Work: Reapplied body-to-bonnet seal weld that was removed to gain access to valve internals for surveillance inspection. Seal weld was examined by liquid penetrant in the finished condition.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure Not Available* psig Test Temp. Not Available* °F

9. Remarks: Although exempt from Section XI pressure testing requirements per IWA-*4700(b)(3)*, a VT-2 examination was performed during the ascending Mode 3 walk down on 5/16/2008 (valve is included in Test Boundary A02ZZ-000078-M04-03A). (*)Pressure/Temperature readings are not available (no local or remote instruments), system was verified to be in normal line up. Applicable material certifications for filler metal were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 1/18/2008 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/23/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00970785-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical and Volume Control (CV) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1 1/8"-8 Bolting Materials at Orifice Flange Connection 2FE-0619	Unknown	Not Recorded	Not Applicable	Line 2RH03AB-8" 2FE-0619	Unknown	Replaced	No
1 1/8"-8 Heavy Hex Nuts	NOVA Machine Products/ AUGE Industrial Fasteners	Heat 251897 Lot 50128186 Trace 1H60	Not Applicable	Cat ID 1394984-1 UTC 2801246	2008	Replacement	No
1 1/8"-8 Threaded Rod	NOVA Machine Products/ Nedschroef Corporation	Heat 27172 Lot 40082007 Trace J535	Not Applicable	Cat ID 40277-1 UTC 2678420	1999	Replacement	No

7. Description of Work: Replaced existing flange bolting materials during gasket replacement to accommodate Belleville washers.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: No leakage observed during leak check by Operations on 5/5/2008. Applicable material certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/23, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 8/27/2007 to 6/23/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-23-08, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 5/29/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #00971902-01
Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
Address: 36400 S. Essex Road, Wilmington, IL 60481

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Chemical and Volume Control (CV) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: N-416-3

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" Y-Type Globe Valve and Associated Piping for 2B Seal Injection Filter Inlet Valve	Copes Vulcan	Not Recorded	Not Applicable	2CV8384B Line 2CV13AB-2"	Not Recorded	Replaced	Yes
2" Y-Type Globe Valve Assembly	BW/IP International, Inc.	861-C-0097	Not Applicable	Cat ID 20046-1 UTC 2607624	1988	Replacement	Yes
2" 90 Degree Socketweld Elbow	Tioga Pipe Supply/ Alloy Stainless Products Company, Inc	Heat 175230 Trace Code AJ1	Not Applicable	Cat ID 39072-1 UTC 2618262	1997	Replacement	No
2" Seamless Pipe	Sandvik Materials Technology	Heat 505112	Not Applicable	Cat ID 32351-1 UTC 2738293	2005	Replacement	No
1/8" Diameter ER308/308L	Arcos Industries, LLC	Lot DT8659	Not Applicable	Cat ID 8513-1 UTC 2785469	2007	Replacement	No

7. Description of Work: Replaced existing valve (leaking past seats) and adjacent piping (for ease of installation).

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☒ Pressure 1.0 psig Test Temp. 75.5 °F

9. Remarks: Replacement valve and associated piping were examined by VT-2 on 5/16/2008. Applicable Certificate Holder's Data Report (Form NPV 1) and associate material certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/3/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 7/11/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01131562-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: ~~Safety Injection (SI)~~ Chemical Volume & Control 2 (Class ~~3~~ 2 Portion of System) BJC 7/30/08

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Line 2CV19A-3" Bolted Connection CV-26-F2-1	Not Recorded	Not Recorded	Not Applicable	Line 2CV19A-3" Bolted Connection CV-26-F2-1	Not Recorded	Replaced	No
7/8"-9 Threaded Rod	NOVA Machine Products	Heat 7527550 Lot 50140844 Trace Code 1U60	Not Applicable	Cat ID 30402-1 UTC 2809395	2008	Replacement	No
7/8"-9 Heavy Hex Nuts	NOVA Machine Products	Heat Q2280A Lot 50113624	Not Applicable	Cat ID 30520-1 UTC 2786289	2007	Replacement	No

7. Description of Work: Replaced all existing bolting that was removed for VT-1 examination in accordance with the Boric Acid Corrosion Control Program. No significant degradation was noted on the removed bolting materials.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☐ Pressure N/A psig Test Temp. N/A °F

9. Remarks: Section XI pressure testing not required. Applicable manufacturer's certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 7/30, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 5/22/2008 to 7/11/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 7-30, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 3/13/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00974200-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Route 53, Suite 84. Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical Volume & Control (CV) Class 2 portion of system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1974 Addenda, Code Cases: 1644 Revision 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180 and N-108

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1 Mechanical Snubber 2CV08011S	ITT Grinnell	S/N 5723	Not Applicable	2CV08011S	Not Recorded	Replaced	No
PSA-1 Mechanical Snubber	ITT Grinnell	S/N 4480	Not Applicable	Cat ID 27577-1 UTC 2035388	Not Recorded	Replacement	No

7. Description of Work: Replaced existing snubber that passed A2R12 functional test, but exhibited some degradation (reference Issue Report 554692). Replacement snubber was a rotated spare that was functionally tested prior to installation.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed after reinstallation. Applicable Manufacturer's Data Reports attached at the time of final review and maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 3/14, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 2/8/2008 to 3/13/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 3-14, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00974201-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Route 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical Volume & Control (CV) Class 2 portion of system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1974 Addenda, Code Cases: 1644 Revision 6, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-180 and N-108

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1 Mechanical Snubber 2CV08021S	ITT Grinnell	S/N 14861	Not Applicable	2CV08021S	Not Recorded	Replaced	No
PSA-1 Mechanical Snubber	ITT Grinnell	S/N 3745	Not Applicable	Cat ID 27625-1 UTC 2035390	Not Recorded	Replacement	No

7. Description of Work: Replaced existing snubber that passed A2R12 functional test, but exhibited some degradation (reference Issue Report 554698). Replacement snubber was functionally tested prior to installation.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed after reinstallation. Applicable certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/4, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 2/8/2008 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-4-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/5/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00984815-02
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical and Volume Control (CV) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: N-416-3

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2" Y-Type Check Valve Body-to-Bonnet Seal Weld	Kerotest	Not Recorded	Not Applicable	2CV8348	Not Recorded	Replaced	Yes
3/32" Diameter ER316/316L	Arcos Industries, LLC	Lot CM8256	Not Applicable	Cat ID 8500-1 UTC 2715657	2004	Replacement	No

7. Description of Work: Removed and reapplied seal weld to access check valve internals for inspection. Seal weld was examined by liquid penetrant after welding was completed.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 850-1485 psig Test Temp. 70.2 °F

9. Remarks: Although exempt from Section XI pressure testing under IWA-4700*(b)(3)*, a VT-2 was performed on seal weld on 5/11/2008 during loop fi operation under BwOP RC-19. Applicable material certifications for filler material were attached at the time of final review and are maintained on file

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/5, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 5/6/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 7/11/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01107909-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Route 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical Volume & Control (CV) Class 2 portion of system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1974 Addenda, Code Cases: None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
½"-13 Heavy Hex Nuts on 2CV08021S	Unknown	Unknown	Not Applicable	2CV08021S	Not Recorded	Replaced	No
½"-13 Heavy Hex Nuts	NOVA Machine Products	Heat 361170 Lot 50127096 Trace Code 1G54	Not Applicable	Cat ID 37027-1 UTC 2800887	2008	Replacement	No

7. Description of Work: Replaced lost lower load and jam nuts for the load stud snubber 2CV08021S (reference Issue Report 739387).

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed after reinstallation. Applicable certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 7/30, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 2/21/2008 to 7/11/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 7/30, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/24/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #1111111-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical and Volume Control (CV) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
¾"-10 Flange Bolting Material at Valve 2CV112A (Bolted Connection CV-32-F3	Unknown	Not Recorded	Not Applicable	Valve 2CV112A / Connection CV-32-F3	Unknown	Replaced	No
¾"-10 Threaded Rod	NOVA Machine Products / Carpenter Technology	Heat 524946 Lot 36256049 Code MUU	Not Applicable	Cat ID 17625-1 SI Number 709D56 RIN/QRI A99-01051 UTC 2659410 UTC 2033629	1999	Replacement	No
¾"-10 Heavy Hex Nuts	Cardinal Industrial Products	Heat 1G7947 Code J5	Not Applicable	Cat ID 37054-1 SI Number 796D33 RIN/QRI A93-00340 UTC 2770376	1993	Replacement	No

7. Description of Work: Replaced existing flange bolting during gasket replacement to correct leakage at bolted connection. No degradation was note with existing bolting.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure Not Required psig Test Temp. Not Required °F

9. Remarks: No leakage observed during leak check by Operations on 5/16/2008. Applicable material certifications for bolting materials were attachec at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/24, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 4/16/2008 to 6/24/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-25, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 7/30/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01134452-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chemical and Volume Control (CV) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2CV04AB Inlet Flange Line 2CV01FB-3" Bolted Connection 2A-CV-21	Not Recorded	Not Recorded	Not Applicable	Line 2CV01FB-3" Bolted Connection 2A-CV-21	Not Recorded	Replaced	No
3/4"-10 Threaded Rod	NOVA Machine Products/ Castle Metals	Heat 10516 Lot 40018322 Trace Code TVV	Not Applicable	Cat ID 47143-1 UTC 2071138	1999	Replacement	No
3/4"-10 Heavy Hex Nuts	NOVA Machine Products	Heat S67159 Lot 50047815	Not Applicable	Cat ID 1394886-1 UTC 2718528	2005	Replacement	No

7. Description of Work: Replaced existing bolting that was removed for VT-1 examination in accordance with the Boric Acid Corrosion Control Program Per mechanic's note in work package traveler there was no boric acid leakage, white deposits noted were from calcium silicate (cal-sil) insulation. No significant degradation was noted on the removed bolting materials.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure N/A psig Test Temp. N/A °F

9. Remarks: Section XI pressure testing not required. Applicable manufacturer's certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 7/30, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 5/20/2008 to 7/30/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 7/30, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/4/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #926727-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw/Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Containment Spray (CS) (Class 2 System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 (Piping)/Winter 1975 (Valve) Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: N-416-3

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 2CS071 and associated piping (Line 2CS53A-2")	Not Recorded	Valve S/N 28972	Not Applicable	2CS071/ Line 2CS53A-2"	Not Recorded	Replaced	Yes (Valve)
1500# Y Globe Valve	Borg Warner	Serial Number 80673	Not Applicable	Cat ID 20470-1 UTC 2772600	1985	Replacement	Yes
2" Schedule 40 Seamless Pipe SA-312 TP 304	Sandvik/ Pennsylvania Extruded Pipe Company	Heat 512741	Not Applicable	Cat ID 26883-1 UTC 2800388	2007	Replacement	No
1/8" Diameter ER308	Arcos Industries, LLC	Lot DT8659	Not Applicable	Cat ID 8513-1 UTC 2785469	2007	Replacement	No
3/32" Diameter ER308	Arcos Industries, LLC	Lot CT8659	Not Applicable	Cat ID 8497-1 UTC 2785471	2007	Replacement	No

7. Description of Work: Replaced existing valve (leaked by seats) and adjacent pipe (for ease of installation).

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure .75 psig Test Temp. Ambient °F

9. Remarks: VT-2 examination was performed and accepted on 5/2/2008. Applicable Form NPV-1 and material certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/4, 2008

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/19/2007 to 6/4/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-4- 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348
   BJC 6/4/08

Date 6/3/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #00978253-01
Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Reactor Coolant (Steam Generator) (RC) Class 1

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1976 Addenda, Code Cases: None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Manifold (Adaptor) Body Screw for Snubber 2RC01BC-B	Wyle (Adaptor) Boeing (Snubber)	Snubber Assembly Serial Number 29	Not Applicable	2RC01BC-B	Not Recorded	Replaced	No
¼-20 Hex Screw	NOVA Machine Products/ Lake Erie Screw Corporation	Heat CR154960 Lot 40045029 Trace Code E242	Not Applicable	Cat ID 36940-1 UTC 2631855	2001	Replacement	No

7. Description of Work: Replaced hex screw during in-place functional testing of hydraulic snubber. No reason for hex screw replacement was provided.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

Other ☒ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed on 5/3/2008. Applicable material certification was attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/4, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/7/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-4-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/26/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01128950-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Reactor Coolant (RC) Class 2 portion of system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1974 Addenda, Code Cases: 1644 Revision 7, 1651, N71, N249
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/4 Mechanical Snubber 2RC19042S	ITT Grinnell	S/N 2673	Not Applicable	2RC19042S	Not Recorded	Replaced	No
PSA-1/4 Mechanical Snubber	Basic-PSA	S/N 42815	Not Applicable	Cat ID 27625-1 UTC 2807871	2008	Replacement	No

7. Description of Work: Replaced existing snubber that passed A2R13 functional test with marginal test results (reference Issue Report 767415). Replacement snubber was functionally tested prior to installation.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed after reinstallation. Applicable Manufacturer's Data Reports Attached at the time of final review an is maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/26, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 4/26/2008 to 6/26/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-27, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/2/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00942361-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Residual Heat Removal (RH) (Class 2 System)

5 (a) Applicable Construction Code: ASME Section III 1971 Edition, Winter 1972 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: N-508-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3" Crosby Relief Valve	Crosby	N56904-00-0049	N/A	2RH8708B UTC 2620229	1977	Replaced	Yes
3" Crosby Relief Valve	Crosby	N56904-00-0018	N/A	Cat ID 27642-1 UTC 2655573	Not Recorded	Replacement	Yes

7. Description of Work: Replaced existing relief valve assembly with tested rotated spare refurbished valve assembly. Valve was removed from Byron Station 1RH8708B. As found set point was verified under WO# 942361-02 prior to installation.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 33 psig Test Temp. 81 °F

9. Remarks: VT-2 exam performed and accepted on 5/12/2008. Code Case N-508-2 for rotated spare applies.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 1/18/2008 to 6/2/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 2/18/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00947956-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Residual Heat Removal (RH) (Class 2 System)

5 (a) Applicable Construction Code: ASME Section III 1971 Edition, Winter 1972 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: N-508-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
3" Crosby Relief Valve	Crosby	N56904-00-0068	N/A	2RH8708A (UTC 2069285)	1992	Replaced	Yes
3" Crosby Relief Valve	Crosby	N56904-00-0035	N/A	Cat ID 27642-1 UTC 2545621	Not Recorded	Replacement	Yes

7. Description of Work: Replaced existing relief valve assembly with tested spare refurbished valve assembly. The installed valve was previously removed from 1RH8708B position and set point was verified under WO# 889129-05.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 46 psig Test Temp. 83 °F

9. Remarks: VT-2 exam performed and accepted on 2/16/2008. Code Case N-508-2 for rotated spare applies.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 2/18, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/5/2007 to 2/18/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 2-19-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date: 7/30/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01131568-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Residual Heat Removal (RH) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Line 2RH01CA-16" Bolted Connections RH-9-F1-1 RH-9-F2-1	Not Recorded	Not Recorded	Not Applicable	Line 2RH01CA-16" Bolted Connections RH-9-F1-1 RH-9-F2-1	Not Recorded	Replaced	No
3/4"-10 Threaded Rod	NOVA Machine Products	Heat 38218 Lot 50140824 Trace Code 1U57	Not Applicable	Cat ID 1429747-1 UTC 2809311	2008	Replacement	No
3/4"-10 Heavy Hex Nuts	NOVA Machine Products	Heat 8965253 Lot 50069008 Trace Code 569A	Not Applicable	Cat ID 1394888-1 UTC 2737396	2006	Replacement	No

7. Description of Work: Replaced existing bolting that was removed for VT-1 examination in accordance with the Boric Acid Corrosion Control Program. No significant degradation was noted on the removed bolting materials. Reference Issue Report 771304 for initial condition.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure N/A psig Test Temp. N/A °F

9. Remarks: Section XI pressure testing not required. Applicable manufacturer's certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 7/30, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 5/20/2008 to 7/30/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 7-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date: 7/30/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01131577-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Residual Heat Removal (RH) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Line 2RH01CB-16" Bolted Connections RH-13-F1 RH-13-F2	Not Recorded	Not Recorded	Not Applicable	Line 2RH01CB-16" Bolted Connections RH-13-F1 RH-13-F2	Not Recorded	Replaced	No
3/4"-10 Threaded Rod	NOVA Machine Products	Heat 38218 Lot 50140824 Trace Code 1U57	Not Applicable	Cat ID 1429747-1 UTC 2809311	2008	Replacement	No
3/4"-10 Heavy Hex Nuts	NOVA Machine Products	Heat 8965253 Lot 50069008 Trace Code 569A	Not Applicable	Cat ID 1394888-1 UTC 2737396	2006	Replacement	No

7. Description of Work: Replaced existing bolting that was removed for VT-1 examination in accordance with the Boric Acid Corrosion Control Program No significant degradation was noted on the removed bolting materials. Reference Issue Report 771310 for initial condition.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☐ Pressure N/A psig Test Temp. N/A °F

9. Remarks: Section XI pressure testing not required. Applicable manufacturer's certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 7/30, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 5/22/2008 to 7/30/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 7-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/30/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00995578-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 System)

5 (a) Applicable Construction Code: ASME Section III 1971 Edition, Winter 1972 Addenda, Code Case 1649
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Existing 6" Relief Valve 2RY8010A	Crosby	N56964-00-0071	Not Applicable	Cat ID 1400663-1 UTC 2720248	Not Recorded	Replaced	Yes
Inlet flange bolting 1 3/8" hydranut	NOVA	Unknown	Not Applicable	ISI Bolted Connection 2RC-32-B4	Not Recorded	Replaced	No
6" Refurbished Spare Relief Valve	Crosby	N56964-00-0109	Not Applicable	Cat ID 1400663-1 UTC 2790016	Not Recorded	Replacement	Yes
Disc for 6" Relief Valve	Anderson Greenwood Crosby	N90349-42-0407	Not Applicable	Purchase Order 426785	2008	Replacement	Yes
Inlet flange bolting 1 3/8" hydranut	NOVA Machine Products	Lot 50071522 Trace 619A	Not Applicable	Cat ID 1400115-1 UTC 2739925	2006	Replacement	No

7. Description of Work: Replaced existing relief valve with a spare valve refurbished by NWS Technologies under Purchase Order 426785. During refurbishment of relief valve the existing disc was replaced with a new disc provided by Exelon. One hydranut for the inlet flange was lost during disassembly and was replaced with a new one.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 examination was performed and accepted on 5/16/2008 (ascending Mode 3 walkdown, Test Block A02ZZ-000005-M04-01A). Applicable documentation (Form NVR-1) for replacement relief valve and certification for hydranut were attached at the time of final review and are on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/30, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/17/2007 to 6/30/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 7-1-, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 6/5/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #01078103-04
Repair Organization P.O., Job No., etc

3. Work Performed By: PCI Energy Services
Address: One Energy Drive, Lake Bluff, IL 60044

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 Portion of System)

5 (a) Applicable Construction Code: Nozzle Weld: ASME Section III 1971 Edition with Summer 1973 Addenda, Code Case 1528
Austenitic Weld: ASME Section III 1974 Edition with Summer 1975 Addenda, No Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI code Cases used: N-416-3, N-504-2 (including Nonmandatory Appendix Q), N-638-1, and modifications per Relief Request I2R-4

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer "A" Safety Nozzle-to-Safe End Weld (2PZR-01-SE-02) and adjacent Safe End-to-Elbow (2RC-32-01) Welds	Westinghouse and Phillips Getschow	Not Applicable	Not Applicable	2PZR-01-SE-02 2RC-32-01	Not Applicable	Repair (Preemptive)	No
Full Structural Weld Overlay (ER309/309L) Sacrificial Layer	Arcos Industries, LLC	Lot XM8411 Control 8411	Not Applicable	PCI #3603	2005	Replacement	No
Full Structural Weld Sacrificial and Remaining Overlay Layers (ERNiCrFe-7A)	Special Metals (Division of Huntington Alloys)	Heat/Lot NX0B66TY	Not Applicable	PCI #3582	2007	Replacement	No

7. Description of Work: Applied full structural preemptive weld overlay to the "A" safety valve nozzle dissimilar metal weld (nozzle-to-safe end, Weld 2PZR-01-SE-02) and adjacent austenitic stainless steel weld (safe end-to-90 degree cut elbow, Weld 2RC-32-01) to mitigate Inconel 82/182 weld from primary water stress corrosion cracking and provide a geometry that can be ultrasonically examined. Overlay design per EC360476. Welding was performed using PCI Energy Services Quality Program. Final ultrasonic examinations were performed by Wesdyne International. Post overlay VT-3 examinations were performed on potentially affected supports per Code Case N-504-2. Overlay Weld Number 2PN-04-SW-4.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 performed on 5/16/2008 during ascending Mode 3 walk down surveillance (Test Block A02ZZ-000005-M04-01A, WO# 984432-01). Applicable documentation for filler material was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/5, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/14/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 6/5/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #01078103-06
Repair Organization P.O., Job No., etc

3. Work Performed By: PCI Energy Services
Address: One Energy Drive, Lake Bluff, IL 60044

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 Portion of System)

5 (a) Applicable Construction Code: Nozzle Weld: ASME Section III 1971 Edition with Summer 1973 Addenda, Code Case 1528
Austenitic Weld: ASME Section III 1974 Edition with Summer 1975 Addenda, No Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI code Cases used: N-416-3, N-504-2 (including Nonmandatory Appendix Q), N-638-1, and modifications per Relief Request I2R-4

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer "B" Safety Nozzle-to-Safe End Weld (2PZR-01-SE-03) and adjacent Safe End-to-Elbow (2RC-32-07) Welds	Westinghouse and Phillips Getschow	Not Applicable	Not Applicable	2PZR-01-SE-03 2RC-32-07	Not Applicable	Repair (Preemptive)	No
Full Structural Weld Overlay (ER309/309L) Sacrificial Layer	Arcos Industries, LLC	Lot XM8411 Control 8411	Not Applicable	PCI #3603	2005	Replacement	No
Full Structural Weld Sacrificial and Remaining Overlay Layers (ERNiCrFe-7A)	Special Metals (Division of Huntington Alloys)	Heat/Lot NX0B66TY	Not Applicable	PCI #3582	2007	Replacement	No

7. Description of Work: Applied full structural preemptive weld overlay to the "B" safety valve nozzle dissimilar metal weld (nozzle-to-safe end, Weld 2PZR-01-SE-03) and adjacent austenitic stainless steel weld (safe end-to-90 degree cut elbow, Weld 2RC-32-01) to mitigate Inconel 82/182 weld from primary water stress corrosion cracking and provide a geometry that can be ultrasonically examined. Overlay design per EC360476. Welding was performed using PCI Energy Services Quality Program. Final ultrasonic examinations were performed by Wesdyne International. Post overlay VT-3 examinations were performed on potentially affected supports per Code Case N-504-2. Overlay Weld Number 2PN-05-SW-5.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 performed on 5/16/2008 during ascending Mode 3 walk down surveillance (Test Block A02ZZ-000005-M04-01A, WO# 984432-01). Applicable documentation for filler material was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/5, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/14/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 6/5/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #01078103-08
Repair Organization P.O., Job No., etc

3. Work Performed By: PCI Energy Services
Address: One Energy Drive, Lake Bluff, IL 60044

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 Portion of System)

5 (a) Applicable Construction Code: Nozzle Weld: ASME Section III 1971 Edition with Summer 1973 Addenda, Code Case 1528
Austenitic Weld: ASME Section III 1974 Edition with Summer 1975 Addenda, No Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI code Cases used: N-416-3, N-504-2 (including Nonmandatory Appendix Q), N-638-1, and modifications per Relief Request I2R-4

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer "C" Safety Valve Nozzle-to-Safe End Weld (2PZR-01-SE-04) and adjacent Safe End-to-Elbow (2RC-32-13) Welds	Westinghouse and Phillips Getschow	Not Applicable	Not Applicable	2PZR-01-SE-04 2RC-32-13	Not Applicable	Repair (Preemptive)	No
Full Structural Weld Overlay (ER309/309L) Sacrificial Layer	Arcos Industries, LLC	Lot XM8411 Control 8411	Not Applicable	PCI #3603	2005	Replacement	No
Full Structural Weld Sacrificial and Remaining Overlay Layers (ERNiCrFe-7A)	Special Metals (Division of Huntington Alloys)	Heat/Lot NX0B66TY	Not Applicable	PCI #3582	2007	Replacement	No

7. Description of Work: Applied full structural preemptive weld overlay to the relief valve nozzle dissimilar metal weld (nozzle-to-safe end, Weld 2PZR-01-SE-04) and adjacent austenitic stainless steel weld (safe end-to-90 degree cut elbow, Weld 2RC-32-13) to mitigate Inconel 82/182 weld from primary water stress corrosion cracking and provide a geometry that can be ultrasonically examined. Overlay design per EC360476. Welding was performed using PCI Energy Services Quality Program. Final ultrasonic examinations were performed by Wesdyne International. Post overlay VT-3 examinations were performed on potentially affected supports per Code Case N-504-2. Overlay Weld Number 2PN-06-SW-6.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 performed on 5/16/2008 during ascending Mode 3 walk down surveillance (Test Block A02ZZ-000005-M04-01A, WO# 984432-01). Applicable documentation for filler material was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J Casey ISI Coordinator Date 6/5, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/14/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 6/5/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #01078103-10
Repair Organization P.O., Job No., etc

3. Work Performed By: PCI Energy Services
Address: One Energy Drive, Lake Bluff, IL 60044

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 Portion of System)

5 (a) Applicable Construction Code: Nozzle Weld: ASME Section III 1971 Edition with Summer 1973 Addenda, Code Case 1528
Austenitic Weld: ASME Section III 1974 Edition with Summer 1975 Addenda, No Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI code Cases used: N-416-3, N-504-2 (including Nonmandatory Appendix Q), N-638-1, and modifications per Relief Request I2R-48

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer Relief Valve Nozzle-to-Safe End Weld (2PZR-01-SE-06) and adjacent Safe End-to-Elbow (2RC-35-01) Welds	Westinghouse and Phillips Getschow	Not Applicable	Not Applicable	2PZR-01-SE-06 2RC-35-01	Not Applicable	Repair (Preemptive)	No
Full Structural Weld Overlay (ER309/309L) Sacrificial Layer	Arcos Industries, LLC	Lot XM8411 Control 8411	Not Applicable	PCI #3603	2005	Replacement	No
Full Structural Weld Sacrificial and Remaining Overlay Layers (ERNiCrFe-7A)	Special Metals (Division of Huntington Alloys)	Heat/Lot NX0B66TY	Not Applicable	PCI #3582	2007	Replacement	No

7. Description of Work: Applied full structural preemptive weld overlay to the relief valve nozzle dissimilar metal weld (nozzle-to-safe end, Weld 2PZR-01-SE-06) and adjacent austenitic stainless steel weld (safe end-to-90 degree cut elbow, Weld 2RC-35-01) to mitigate Inconel 82/182 weld from primary water stress corrosion cracking and provide a geometry that can be ultrasonically examined. Overlay design per EC360476. Welding was performed using PCI Energy Services Quality Program. Final ultrasonic examinations were performed by Wesdyne International. Post overlay VT-3 examinations were performed on potentially affected supports per Code Case N-504-2. Overlay Weld Number 2PN-03-SW-3.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 performed on 5/16/2008 during ascending Mode 3 walk down surveillance (Test Block A02ZZ-000005-M04-01A, WO# 984432-01). Applicable documentation for filler material was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/5, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/14/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5- 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 6/5/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #01078103-12
Repair Organization P.O., Job No., etc

3. Work Performed By: PCI Energy Services
Address: One Energy Drive, Lake Bluff, IL 60044

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 Portion of System)

5 (a) Applicable Construction Code: Nozzle Weld: ASME Section III 1971 Edition with Summer 1973 Addenda, Code Case 1528
Austenitic Weld: ASME Section III 1974 Edition with Summer 1975 Addenda, No Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI code Cases used: N-416-3, N-504-2 (including Nonmandatory Appendix Q), N-638-1, and modifications per Relief Request I2R-

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer Spray Line Nozzle-to-Safe End Weld (2PZR-01-SE-05) and adjacent Safe End-to-Reducer (2RC-16-01) Weld	Westinghouse and Phillips Getschow	Not Applicable	Not Applicable	2PZR-01-SE-05 2RC-16-01	Not Applicable	Repair (Preemptive)	No
Full Structural Weld Overlay (ER309/309L) Sacrificial Layer	Arcos Industries, LLC	Lot XM8411 Control 8411	Not Applicable	PCI #3603	2005	Replacement	No
Full Structural Weld Sacrificial and Remaining Overlay Layers (ERNiCrFe-7A)	Special Metals (Division of Huntington Alloys)	Heat/Lot NX0B66TY	Not Applicable	PCI #3581 PCI #3582	2007	Replacement	No

7. Description of Work: Applied full structural preemptive weld overlay to the spray line nozzle dissimilar metal weld (nozzle-to-safe end, Weld 2PZR-01-SE-05) and adjacent austenitic stainless steel weld (safe end-to-reducer, Weld 2RC-16-01) to mitigate Inconel 82/182 weld from primary water stress corrosion cracking and provide a geometry that can be ultrasonically examined. Overlay design per EC360476. Welding was performed using PCI Energy Services Quality Program. Final ultrasonic examinations were performed by Wesdyne International. Post overlay VT-3 examinations were performed on potentially affected supports per Code Case N-504-2. Overlay Weld Number 2PN-02-SW-2.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 performed on 5/16/2008 during ascending Mode 3 walk down surveillance (Test Block A02ZZ-000005-M04-01A, WO# 984432-01). Applicable documentation for filler material was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/5, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/14/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/5/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01078103-14
   Repair Organization P.O., Job No., etc

3. Work Performed By: PCI Energy Services
   Address: One Energy Drive, Lake Bluff, IL 60044

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Pressurizer (RY) (Class 1 Portion of System)

5 (a) Applicable Construction Code: Nozzle Weld: ASME Section III 1971 Edition with Summer 1973 Addenda, Code Case 1528
Austenitic Weld: ASME Section III 1974 Edition with Summer 1975 Addenda, No Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI code Cases used: N-416-3, N-504-2 (including Nonmandatory Appendix Q), N-638-1, and modifications per Relief Request I2R-4

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pressurizer Surge Nozzle-to-Safe End Weld (2PZR-01-SE-01) and adjacent Safe End-to-Pipe (2RC-05-01) Welds	Westinghouse and Phillips Getschow	Not Applicable	Not Applicable	2PZR-01-SE-01 2RC-05-01	Not Applicable	Repair (Preemptive)	No
Full Structural Weld Overlay (ER309/309L) Sacrificial Layer	Arcos Industries, LLC	Lot XM8411 Control 8411	Not Applicable	PCI #3603	2005	Replacement	No
Full Structural Weld Sacrificial and Remaining Overlay Layers (ERNiCrFe-7A)	Special Metals (Division of Huntington Alloys)	Heat/Lot NX0B66TY	Not Applicable	PCI #3582	2007	Replacement	No

7. Description of Work: Applied full structural preemptive weld overlay to the pressurizer surge nozzle dissimilar metal weld (nozzle-to-safe end, Weld 2PZR-01-SE-01) and adjacent austenitic stainless steel weld (safe end-to-bent pipe, Weld 2RC-05-01) to mitigate Inconel 82/182 weld from primary water stress corrosion cracking and provide a geometry that can be ultrasonically examined. Overlay design per EC360476. Welding was performed using PCI Energy Services Quality Program. Final ultrasonic examinations were performed by Wesdyne International. Post overlay VT-3 examinations were performed on potentially affected supports per Code Case N-504-2. Overlay Weld Number 2PN-01-SW-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2249.4 psig Test Temp. 555.6 °F

9. Remarks: VT-2 performed on 5/16/2008 during ascending Mode 3 walk down surveillance (Test Block A02ZZ-000005-M04-01A, WO# 984432-01). Applicable documentation for filler material was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/5, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/14/2008 to 6/5/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-5-, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
Address: 300 Exelon Way, Kennett Square, PA 19348

Date 6/26/2008
Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

Work Order #01078103-58
Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
Address: 36400 S. Essex Road, Wilmington, IL 60481

Code Symbol Stamp: None
Authorization No.: None
Expiration Date: None

4. Identification of System: Pressurizer (RY) Class 1 portion of system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, Code Case: N-249-14
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hardware for Component Support 2RY09030C (Line 2RY03AA-6")	Grinnell	None	Not Applicable	2RY09030C	Not Recorded	Replaced	No
¾" X 10 x 3" Hex Bolt	T & T Enterprises	Heat 241773	Not Applicable	Cat ID 1424506-1 UTC 2792548	2007	Replacement	No
¾" X 10 x 3 1/2" Hex Bolt	NOVA Machine Products	Heat S52576 Lot 50127754	Not Applicable	Cat ID 1424929-1 UTC 2801244	2008	Replacement	No
¾"-10 Hex Nuts	Anvil International, Inc./ T & T Enterprises	Heat 422446	Not Applicable	Cat ID 1425173-1 UTC 2800111	2007	Replacement	No
¾"-10 Jam Nuts	Anvil International, Inc./ T & T Enterprises	Heat 8886046	Not Applicable	Cat ID 1425175-1 UTC 2800114	2006	Replacement	No

7. Description of Work: Existing support was identified as an interference to weld overlay of the "A" safety valve nozzle and was removed. Existing bolting was replaced by new materials.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of reinstalled support was performed after reinstallation on 5/14/2008. Applicable manufacturer's material certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/26, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 3/1/2008 to 6/26/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-29-, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-03
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 1.5" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8810A	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 1.5" Class 1513 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-3-14 Bonnet Serial Number 0708 and Plug Serial Number 0706	Not Applicable	Cat ID 1419648-1 UTC 2797868	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/4/2007 to 5/22/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-04
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 1.5" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8810B	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 1.5" Class 1513 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-3-13 Bonnet Serial Number 0707 and Plug Serial Number 0713	Not Applicable	Cat ID 1419648-1 UTC 2797867	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/4/2007 to 5/22/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-05
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 1.5" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8810C	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 1.5" Class 1513 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-3-10 Bonnet Serial Number 0606 and Plug Serial Number 0716	Not Applicable	Cat ID 1419648-1 UTC 2797864	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/22/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/22, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-06
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 1.5" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8810D	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 1.5" Class 1513 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-3-17 Bonnet Serial Number 0712 and Plug Serial Number 0703	Not Applicable	Cat ID 1419648-1 UTC 2797872	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/22/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-17
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI04MA	Unknown	Not Recorded	Not Recorded	2SI04MA	Not Recorded	Replaced	No
1 1/2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel/ Ta Chen International	Heat 500012	Not Applicable	Cat ID 1422785-1 UTC 2804326	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation for spacer plate was attached a the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/22/2008, and state tha to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-20
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI04MB	*Unknown*	*Not Recorded*	*Not Recorded*	*2SI04MB*	*Not Recorded*	*Replaced*	*No*
1 1/2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel/ Ta Chen International	Heat 500012	Not Applicable	Cat ID 1422785-1 UTC 2804326	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/22/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-21
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI04MC	Unknown	Not Recorded	Not Recorded	2SI04MC	Not Recorded	Replaced	No
1 1/2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel/ Ta Chen International	Heat 500012	Not Applicable	Cat ID 1422785-1 UTC 2804326	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation for spacer plate was attached a the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/22/2008, and state tha to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/22/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919437-22
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 1 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI04MD	Unknown	Not Recorded	Not Recorded	2SI04MD	Not Recorded	Replaced	No
1 1/2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel/ Ta Chen International	Heat 500012	Not Applicable	Cat ID 1422785-1 UTC 2804326	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 2330 psig Test Temp. Ambient °F

9. Remarks: VT-2 performed on 5/16/2008 during 2BwVSR TRM 3.4.F.2-SI.4 surveillance. Applicable documentation for spacer plate was attached a the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/22, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/22/2008, and state tha to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/27, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-03
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8816A	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-2-11 Bonnet Serial Number 0721 and Plug Serial Number 0618	Not Applicable	Cat ID 1419642-1 UTC 2797857	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 885 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-04
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8816B	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-2-10 Bonnet Serial Number 0718 and Plug Serial Number 0617	Not Applicable	Cat ID 1419642-1 UTC 2797856	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 830 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-05
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8816C	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-2-13 Bonnet Serial Number 0723 and Plug Serial Number 0612	Not Applicable	Cat ID 1419642-1 UTC 2797863	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 830 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-06
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8816D	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-2-15 Bonnet Serial Number 0725 and Plug Serial Number 0613	Not Applicable	Cat ID 1419642-1 UTC 2797860	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 885 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-15
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI05MA	Unknown	Not Recorded	Not Recorded	2SI05MA	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 885 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/29/2008, and state tha to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30, 20 08

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-16
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice and Associated Bolting at Bolted Connection 2SI05MB	Unknown	Not Recorded	Not Recorded	2SI05MB	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No
7/8"-9 Heavy Hex Nuts	NOVA Machine Products/ Nedschroef Corporation	Heat Q2280A Lot 50113624	Not Applicable	Cat ID 30520-1 UTC 2786289	2006	Replacement	No
7/8"-9 Threaded Rod	NOVA Machine Products	Heat 7527550 Lot 50113668 Trace Code 0V25	Not Applicable	Cat ID 44337-1 UTC 2785592	2007	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 830 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation for spacer plate and replacement bolting materials was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-17
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI05MC	Unknown	Not Recorded	Not Recorded	2SI05MC	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated witt ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 830 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/29/2008, and state tha to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/29/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919438-18
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI05MD	Unknown	Not Recorded	Not Recorded	2SI05MD	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 885 psig Test Temp. 88 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.1 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/29, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 5/29/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5-30, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-03
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8822A	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-1-16 Bonnet Serial Number 0717 and Plug Serial Number 0711	Not Applicable	Cat ID 1419642-1 UTC 2797879	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-04
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8822B	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-1-11 Bonnet Serial Number 0706 and Plug Serial Number 0704	Not Applicable	Cat ID 1419642-1 UTC 2797874	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Cosey ISI Coordinator Date 6/3, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3- , 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-05
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8822C	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-1-14 Bonnet Serial Number 0715 and Plug Serial Number 0710	Not Applicable	Cat ID 1419642-1 UTC 2797877	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-06
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Bonnet Assembly for Copes Vulcan 2" 1500# Manual Valve	Copes Vulcan	Not Recorded	Not Recorded	2SI8822D	Not Recorded	Replaced	Yes
Bonnet and Plug Assembly for 2" Class 1500 Valve	SPX Valves & Controls	Appurtenance Serial Number 0651-125058-1-15 Bonnet Serial Number 0716 and Plug Serial Number 0712	Not Applicable	Cat ID 1419642-1 UTC 2797878	2007	Replacement	Yes

7. Description of Work: Replaced existing valve bonnet and internals with new bonnet and plug assembly as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-17
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI06MA	Unknown	Not Recorded	Not Recorded	2SI06MA	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-20
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI06MB	Unknown	Not Recorded	Not Recorded	2SI06MB	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-21
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI06MC	Unknown	Not Recorded	Not Recorded	2SI06MC	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-4-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-22
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Orifice at Bolted Connection 2SI06MD	Unknown	Not Recorded	Not Recorded	2SI06MD	Not Recorded	Replaced	No
2" NPS, ¼" thick with 1.75" bore SA-240 TP304	Energy Steel / Ta Chen International Corporation	Heat 500012	Not Applicable	Cat ID 1422869-1 UTC 2804324	2008	Replacement	No

7. Description of Work: Replaced existing flow orifice with a spacer plate as part of EC360143, which addresses "downstream effects" associated with ECCS sump debris.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation for spacer plate was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 20 08
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 11/30/2007 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3-, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 6/3/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00919439-28
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Safety Injection (SI) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1975 Addenda, No Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI Code Cases used: N-416-3

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve Body-to-Pipe Socket Weld at Valve 2SI8822B	Not Recorded	Not Recorded	Not Recorded	2SI8822B	Not Recorded	Replaced	Yes
3/32" ER308/308L Bare Wire	Arcos Industries, LLC	Lot CT8659	Not Applicable	Cat ID 8497-1 UTC 2785471	2007	Replacement	Yes

7. Description of Work: Removed existing valve body-to-pipe socket weld in order to rotate valve body to clear interference associated with replacement of existing valve bonnet assembly under Task 04. Rewelded valve body into place. New weld was examined by liquid penetrant in the finished condition.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 853 psig Test Temp. 74 °F

9. Remarks: VT-2 performed on 5/8/2008 during 2BwVSR TRM 2.5.c.3 surveillance. Applicable documentation (Form N-2 Data Report for Identical Nuclear Parts and Appurtenances) was attached at the time of final review and is on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 6/3, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 1/22/2008 to 6/3/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-3, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/28/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #01129839-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Shaw / Stone & Webster
   Address: 36400 S. Essex Road, Wilmington, IL 60481

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Steam Generator Blowdown (SD) Class 2 system

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Summer 1974 Addenda, Code Cases: 1644 Revision 7, 1682, 1683, 1685, 1686, 1651, 1728, 1729, 1734, N-18(and N-108

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda

(c) Section XI Code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PSA-1/4 Mechanical Snubber 2SD06051S	ITT Grinnell	S/N 2732	Not Applicable	2SD06051S	Not Recorded	Replaced	No
PSA-1/4 Mechanical Snubber	ITT Grinnell	S/N 12468	Not Applicable	Cat ID 27625-1 UTC 2693542	Not Recorded	Replacement	No

7. Description of Work: Replaced existing snubber that passed A2R13 functional test with marginal test results (reference Issue Report 768913). Replacement snubber was functionally tested prior to installation.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

   Other ☐ Pressure Not Applicable psig Test Temp. Not Applicable °F

9. Remarks: VT-3 exam of snubber was performed after reinstallation. Applicable Manufacturer's Data Reports Attached at the time of final review an are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/28, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 4/30/2008 to 5/28/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 5/28, 2008

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner : Exelon Generation Co., LLC
   Address: 300 Exelon Way, Kennett Square, PA 19348

   Date 5/28/2008
   Sheet 1 of 1

2. Plant Name: Braidwood Station Unit 2
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Work Order #00958372-01
   Repair Organization P.O., Job No., etc

3. Work Performed By: Braidwood Station Mechanical Maintenance
   Address: 35100 S. Rte. 53, Suite 84, Braceville, IL 60407

   Code Symbol Stamp: None
   Authorization No.: None
   Expiration Date: None

4. Identification of System: Chilled Water (WO) (Class 2 Portion of System)

5 (a) Applicable Construction Code: ASME Section III 1974 Edition, Winter 1976 Addenda, No Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989 Edition with No Addenda
(c) Section XI code Cases used: None

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
10" Anderson Greenwood Wafer Check Valve and associated bolting	Anderson Greenwood	A3208	Not Applicable	2WO007A	Not Recorded	Replaced	Yes
Hex Screw	Anderson-Greenwood USA / Texas Bolt	Heat L24856 Code A595	Not Applicable	Cat ID 20778-1 RIN 20-86-253 UTC 2804612	1986	Replacement	Yes (N-2)
Hinge Pin Bushings	Anderson Greenwood Crosby	Serial Numbers N99700-31-0001 N99700-31-0002	Not Applicable	Cat ID 20608-1 UTC 2707214	2004	Replacement	No
Slotted Hex Nut	Anderson-Greenwood USA / Texas Bolt	Heat 6010795 Code A540	Not Applicable	Cat ID 20705-1 UTC 2772185	1986	Replacement	Yes (N-2)
7/8"-9 Threaded Rod	NOVA Machine Products / AUGE Industrial Fasteners	Heat 250832 Lot 50097265 Trace 0F77	Not Applicable	Cat ID 37096-1 UTC 2774471	2007	Replacement	No
7/8"-9 Heavy Hex Nuts	NOVA Machine Products / Republic Technologies	Heat 8994826 Lot 50120863 Trace QJR	Not Applicable	Cat ID 37033-1 UTC 2793897	2007	Replacement	No

7. Description of Work: Replaced valve parts and flange bolting materials under preventative maintenance surveillance inspection.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

   Other ☒ Pressure 100 psig Test Temp. 65 °F

9. Remarks: Section XI VT-2 at nominal system pressure and temperature was performed on 4/25/2008. Applicable Manufacturer's Data Report (Form N-2) and material certifications were attached at the time of final review and are maintained on file.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp: Not Applicable Certificate of Authorization No.: Not Applicable

Signed Brendan J. Casey ISI Coordinator Date 5/28, 2008
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of IL and employed by HSBCT of CT have inspected the components described in this Owner's Report during the period 12/10/2007 to 5/28/2008, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature Commissions IL1085
National Board, State, Province, and Endorsements

Date 6-2-, 2008

Attachment 1
As-tested Inspection Maps

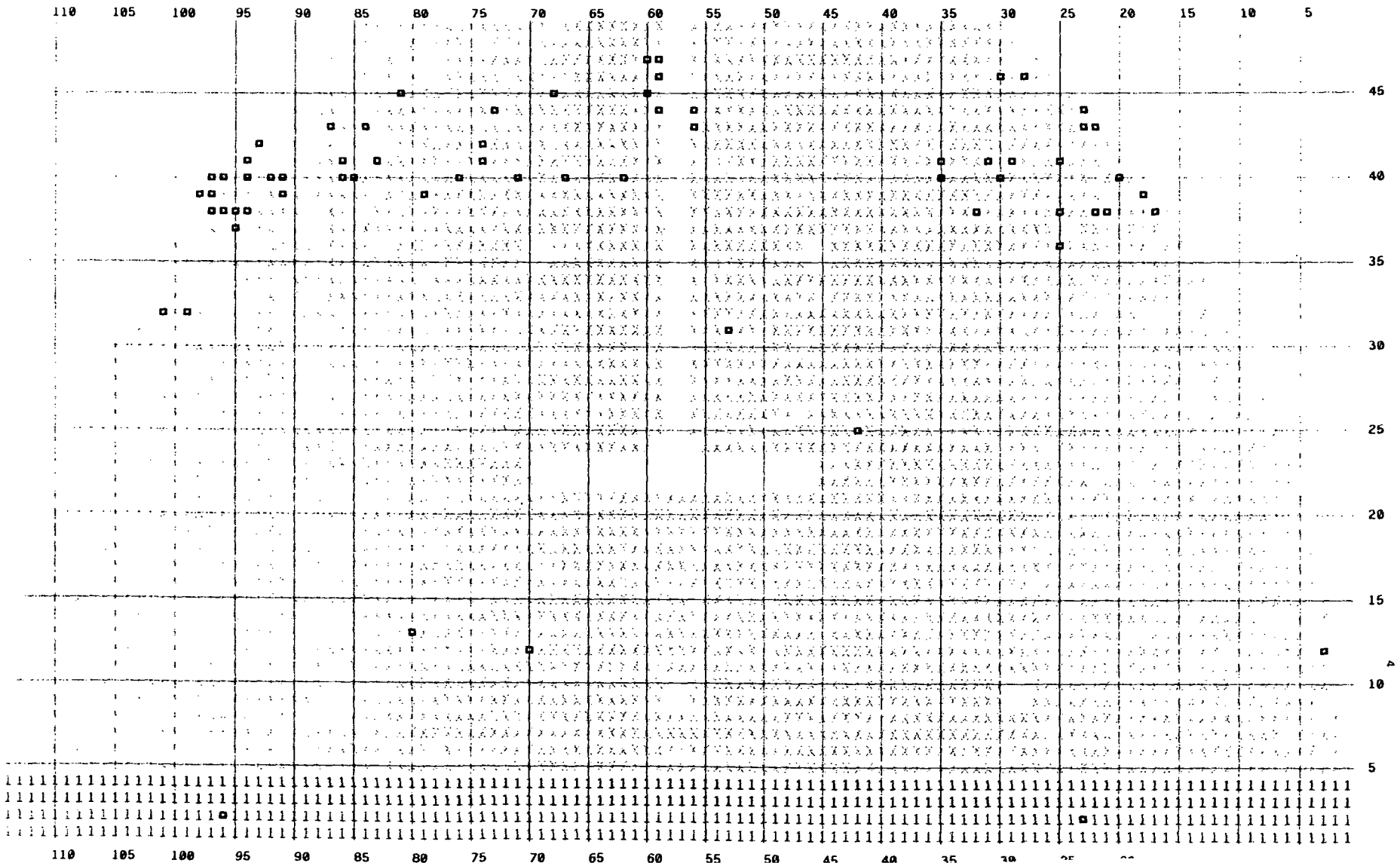
SG-A HOT LEG .610 AND .590 BOBBIN INSPECTION

Braidwood A2R13 CDE D5

1 228 TESTED 11C-TEH WITH .590

1 226 TESTED 11H-TEH WITH .610

66 PLUGGED TUBE

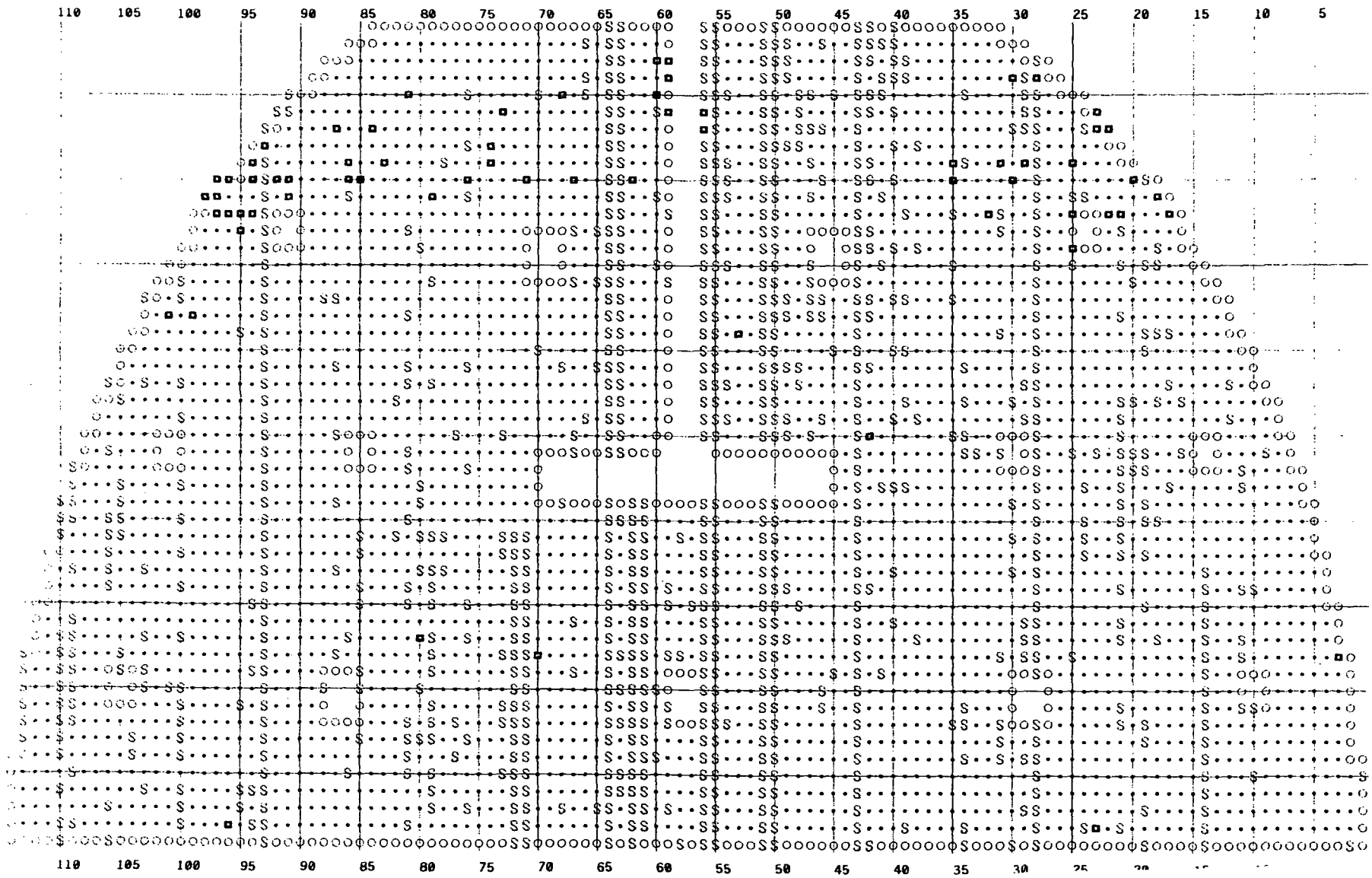


SG-A HOT LEG TOP OF TUBESHEET +POINT PROGRAM AS TESTED

Braidwood A2R13 CDE D5

S 903 Tested TSH -17 Through TSH +3 Inches

▫ 66 PLUGGED TUBE

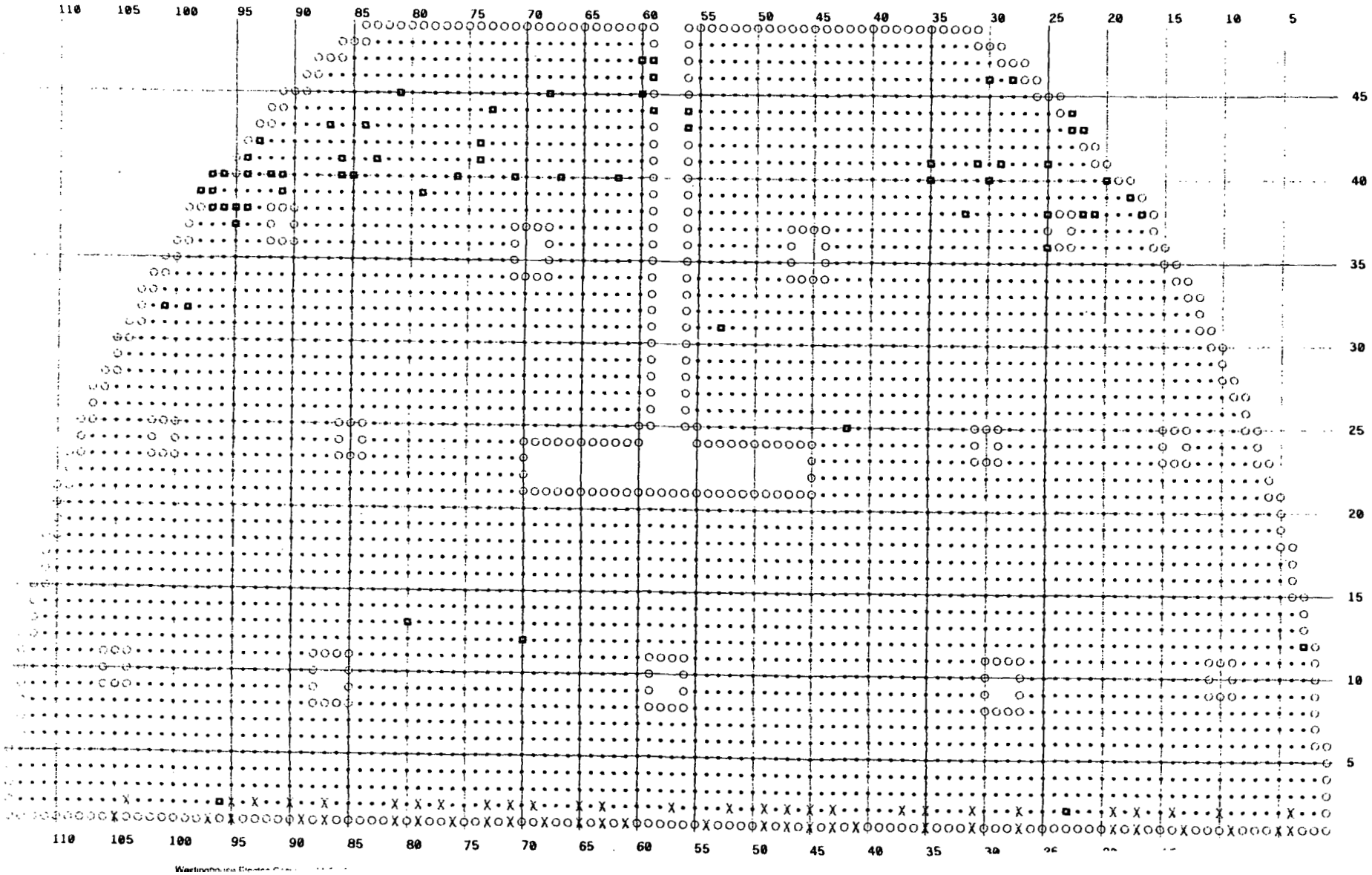


SG-A HOT LEG LOW ROW U-BEND +POINT INSPECTION AS TESTED

Braidwood A2R13 CDE D5

X 57 Tested 11H Through 11C

▫ 66 PLUGGED TUBE

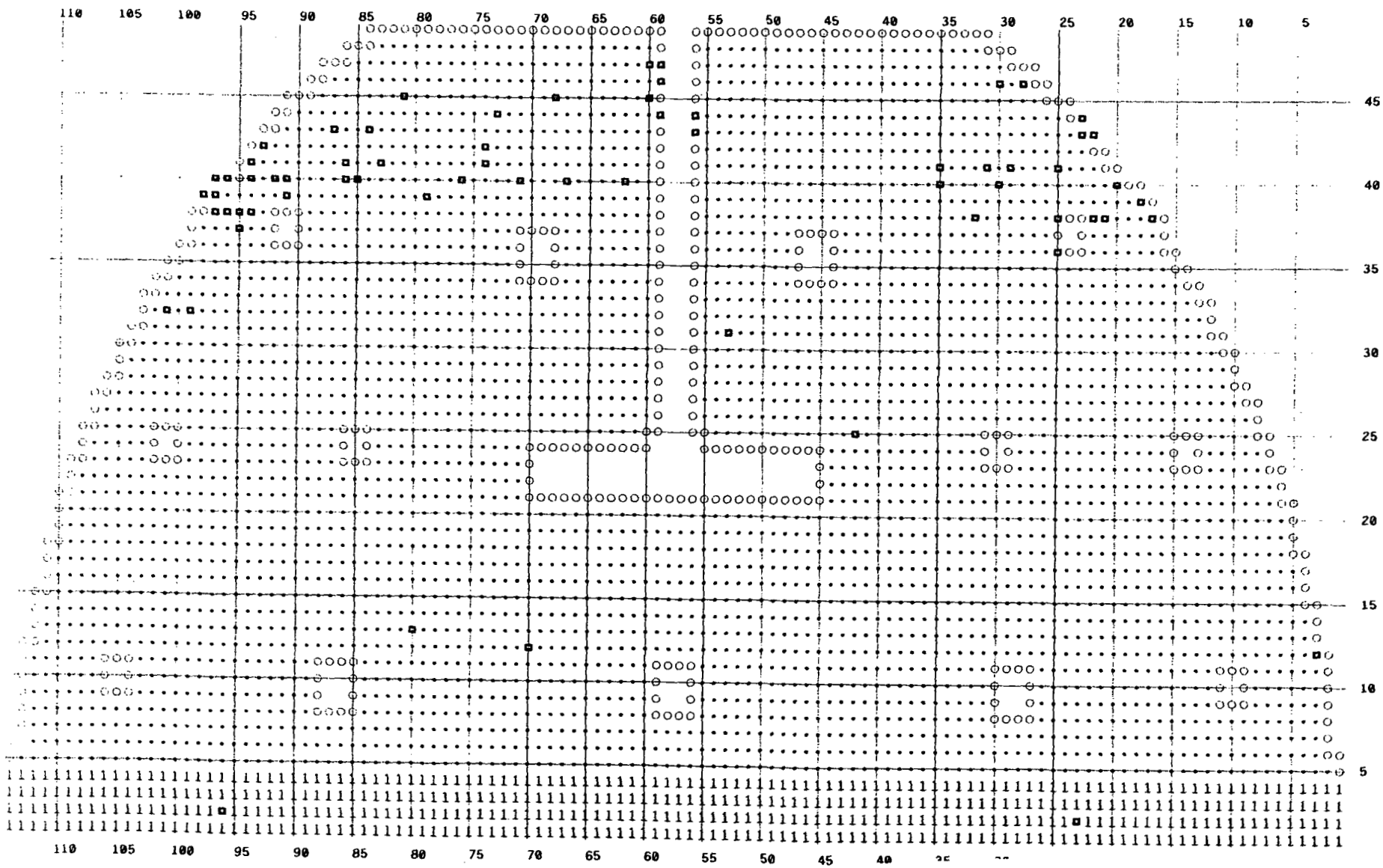


SG-A COLD LEG BOBBIN INSPECTION AS TESTED

Braidwood A2R13 CDE D5

1 454 TESTED 11C-TEC WITH .610

▫ 66 PLUGGED TUBE

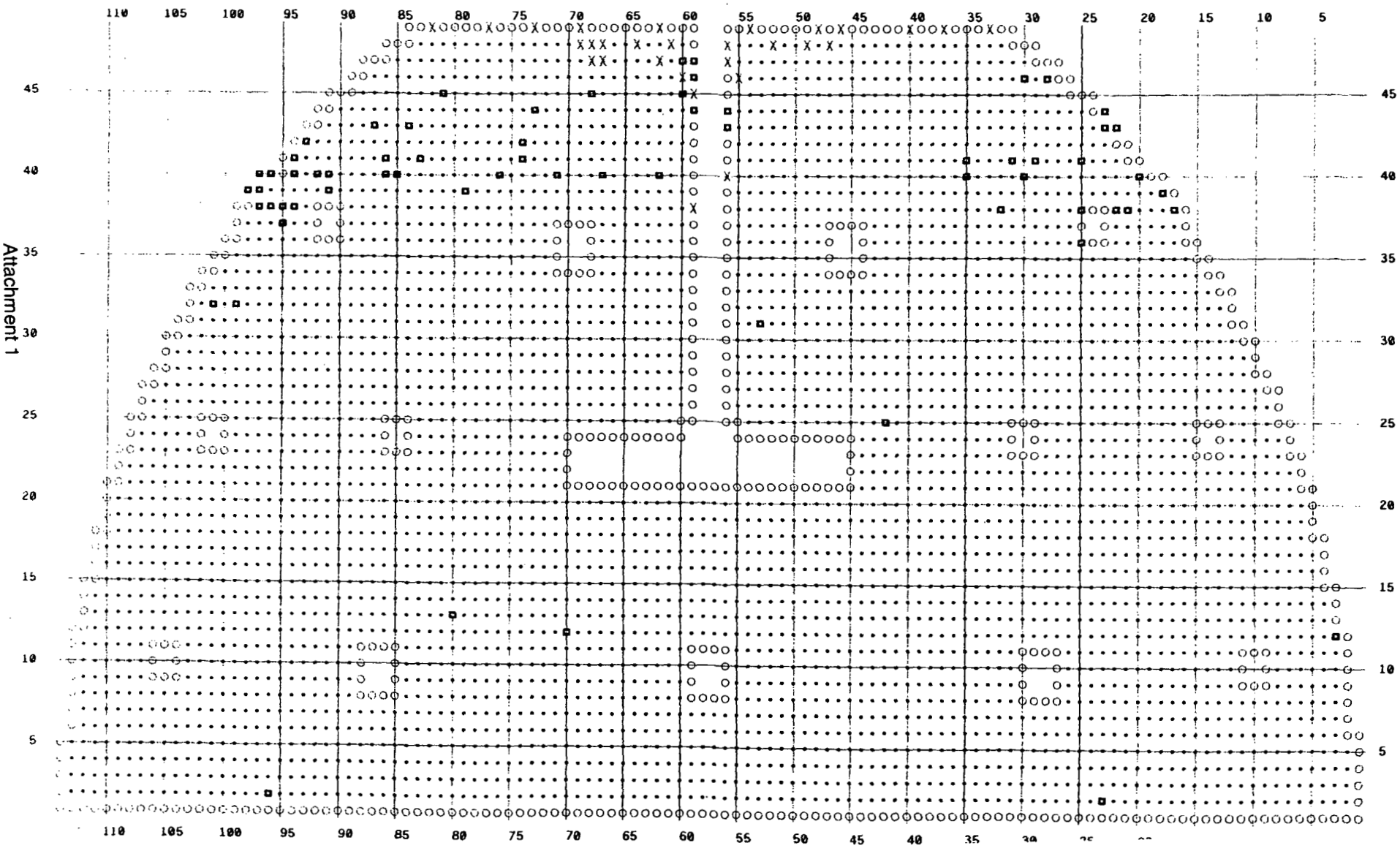


SG-A EXPANDED BAFFLE 20% SAMPLE AS TESTED

Braidwood A2R13 CDE D5

X 29 TESTED 02C AND 03C +/- 3"

■ 66 PLUGGED TUBE



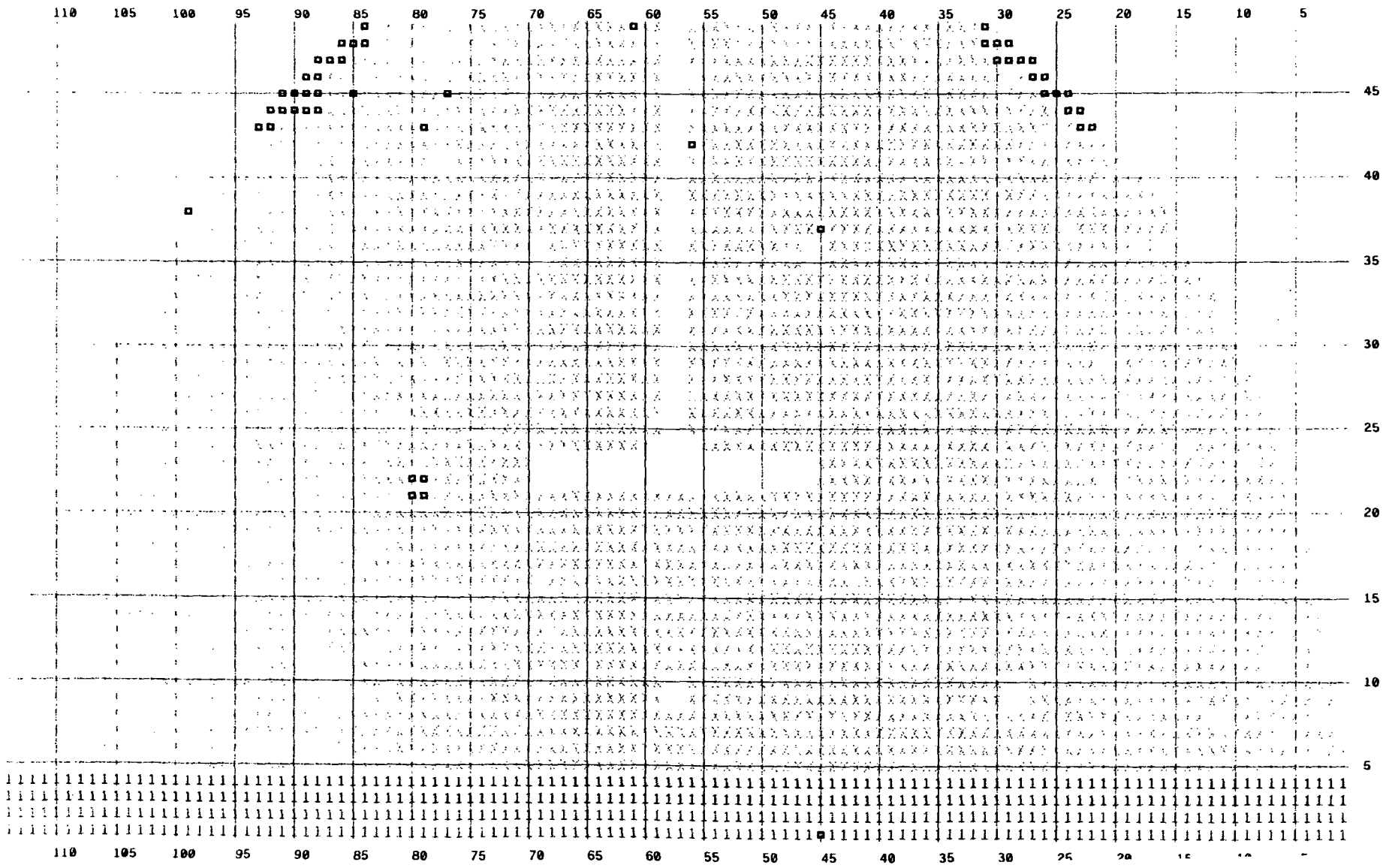
SG-B HOT LEG 610 AND 590 ABOBBIN INSPECTION

Braidwood A2R13 CDE D5

1 228 TESTED 11C-TEH WITH .590

1 227 TESTED 11H-TEH WITH .610

49 PLUGGED TUBE

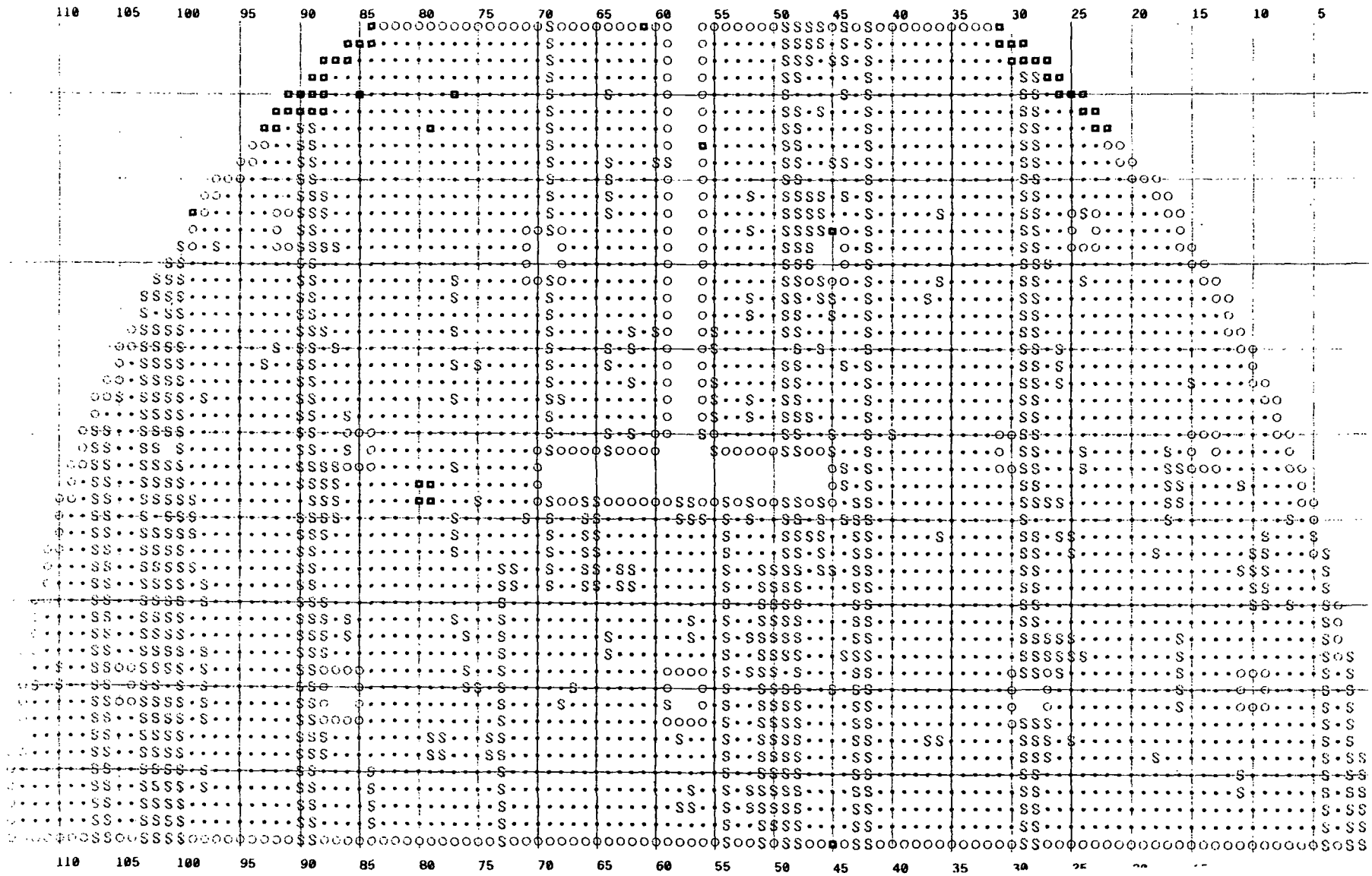


SG-B HOT LEG TOP OF TUBESHEET +POINT PROGRAM AS TESTED

Braidwood A2R13 CDE D5

S 904 Tested TSH -17 Through TSH +3 Inches

49 PLUGGED TUBE

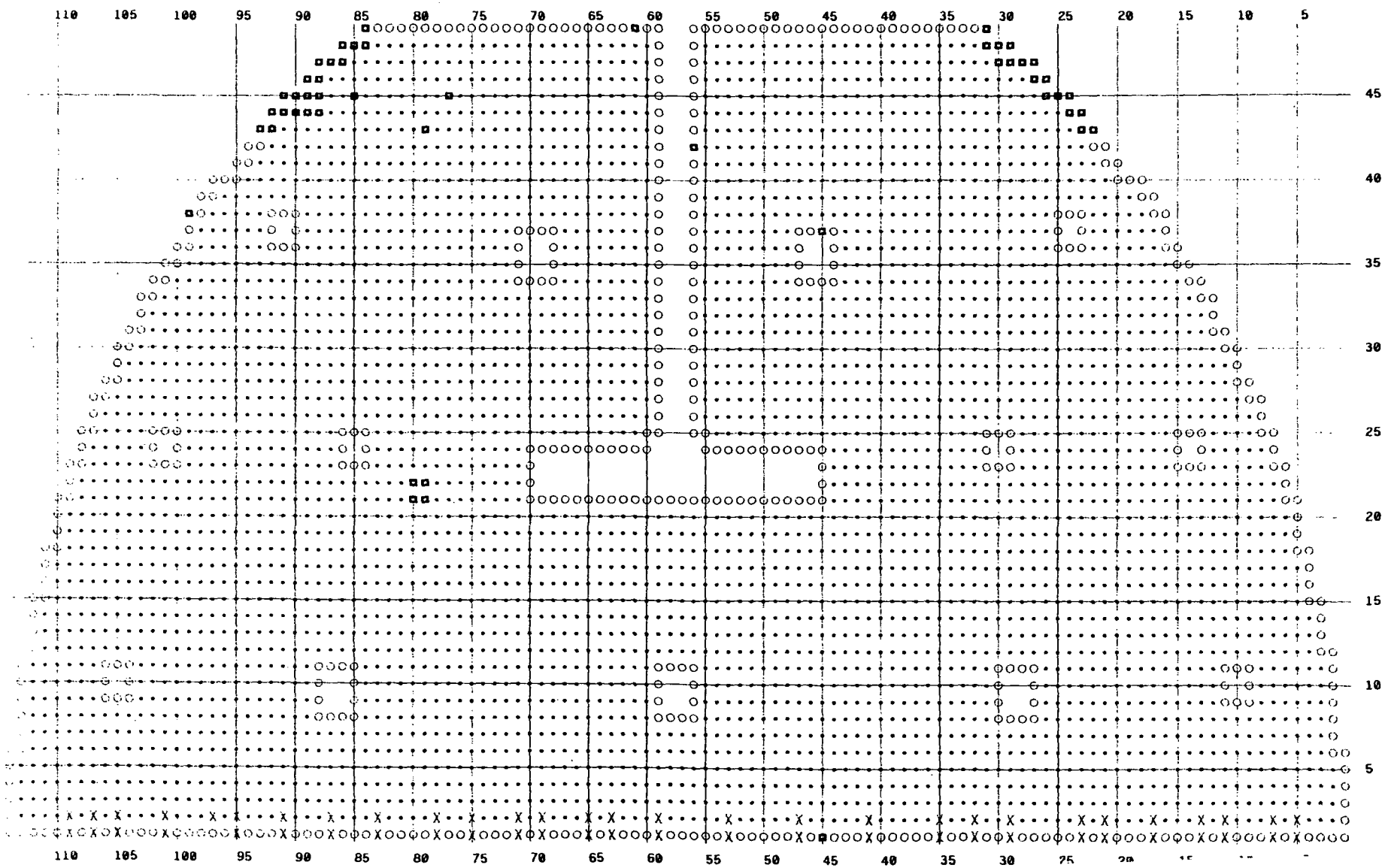


SG-B LOW ROW U-BEND INSPECTION PROGRAM AS TESTED

Braidwood A2R13 CDE D5

X 57 Tested 11H Through 11C

▫ 49 PLUGGED TUBE

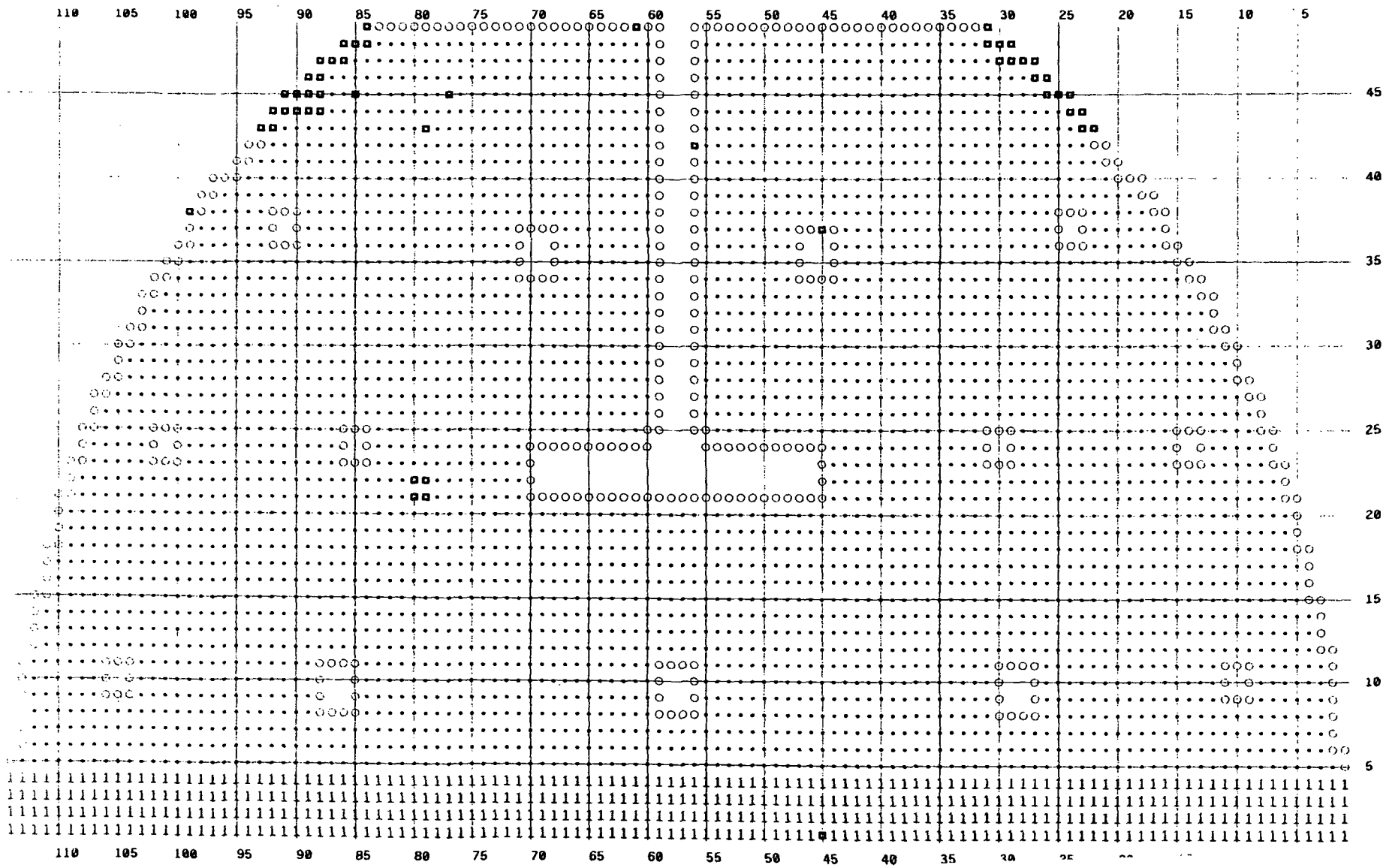


SG-B COLD LEG BOBBIN INSPECTION AS TESTED

Braidwood A2R13 CDE D5

1 455 TESTED 11C-TEC WITH .610

▫ 49 PLUGGED TUBE

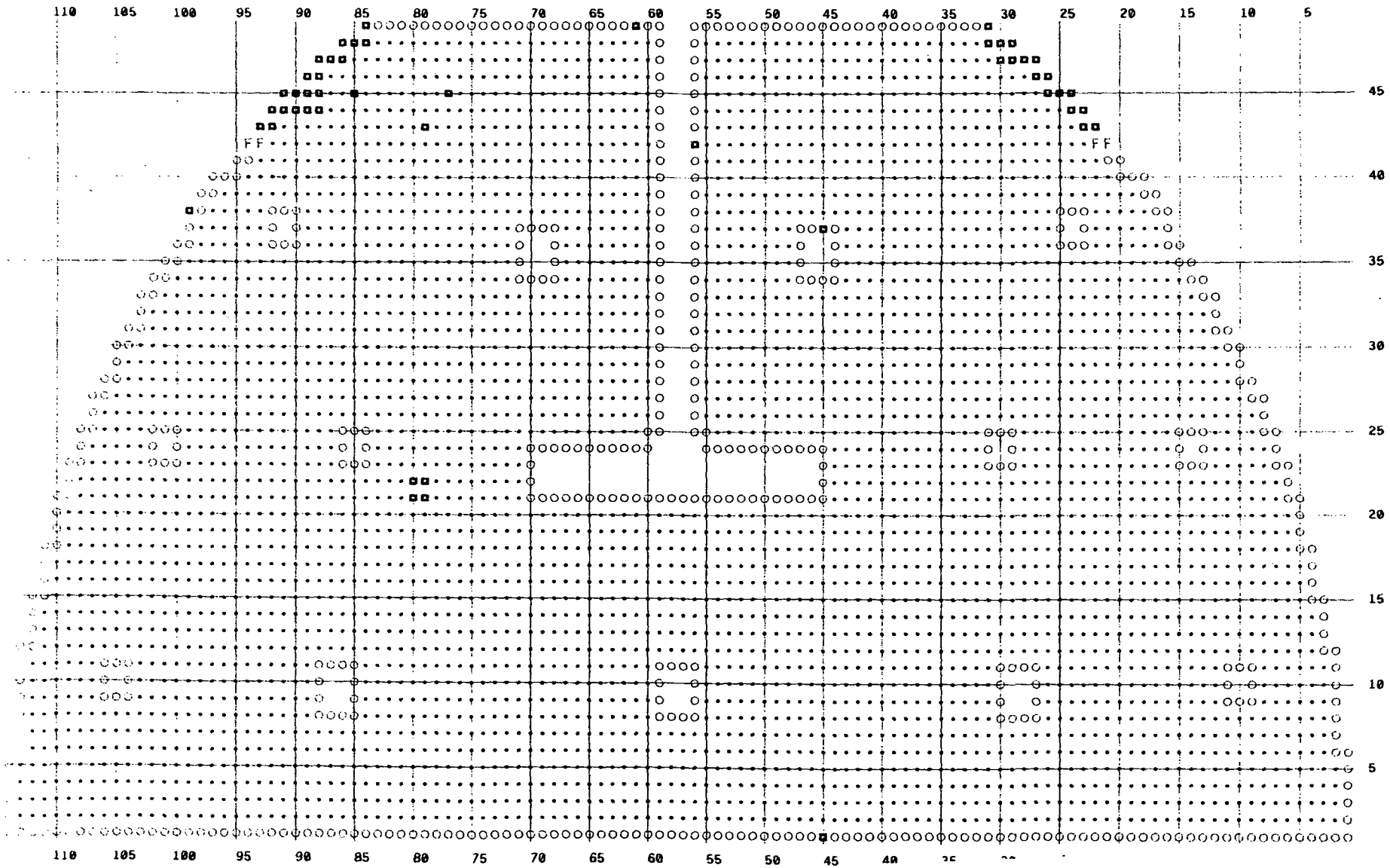


SG-B CORNER TUBE INSPECTION PLAN AS TESTED

Braidwood A2R13 CDE D5

F 4 TESTED 02C +/-3"

▫ 49 PLUGGED TUBE



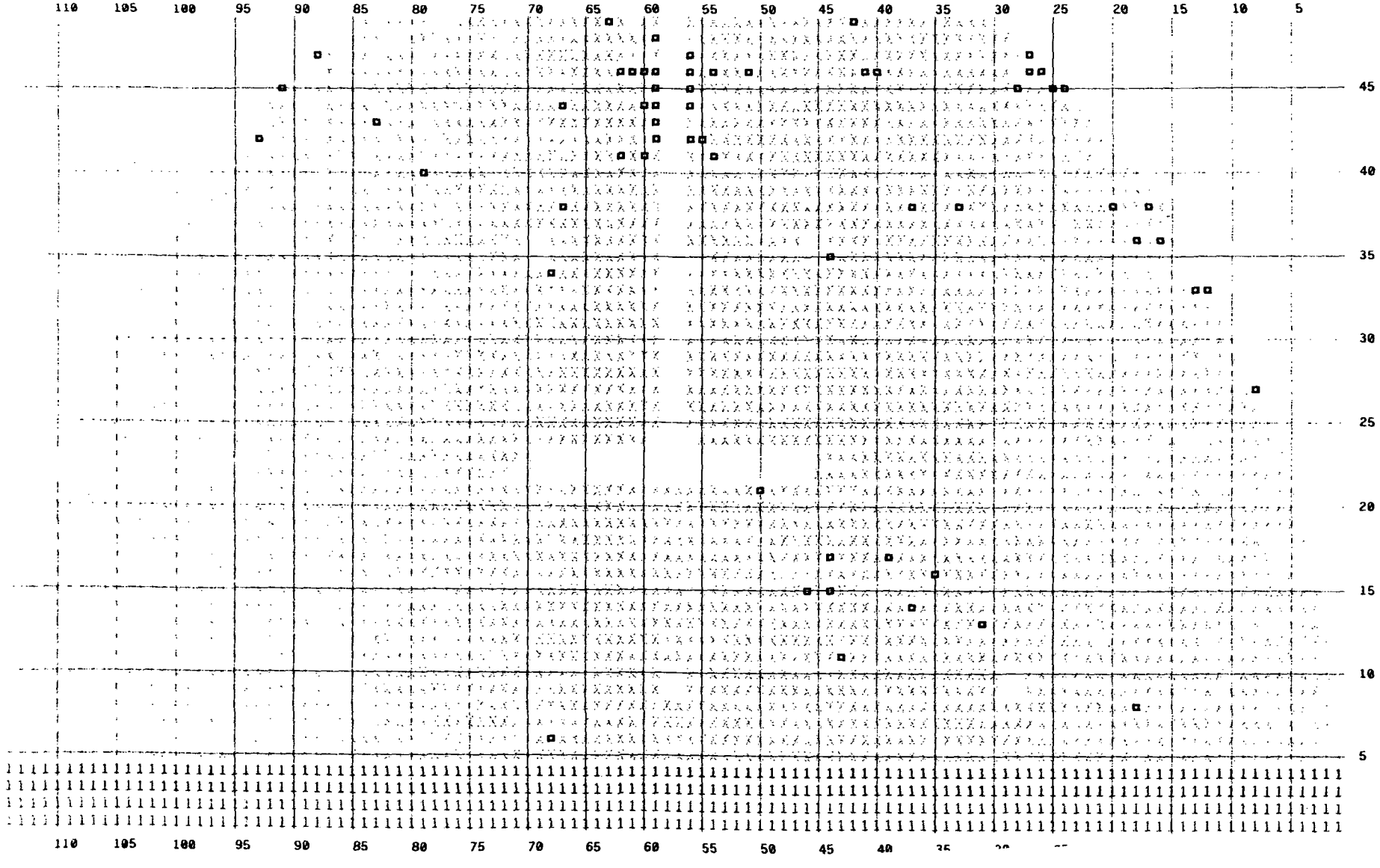
SG-C HOT LEG BOBBIN INSPECTION AS TESTED

Braidwood A2R13 CDE D5

1 228 TESTED 11C-TEH .590

1 228 TESTED 11H-TEH .610

60 PLUGGED TUBE

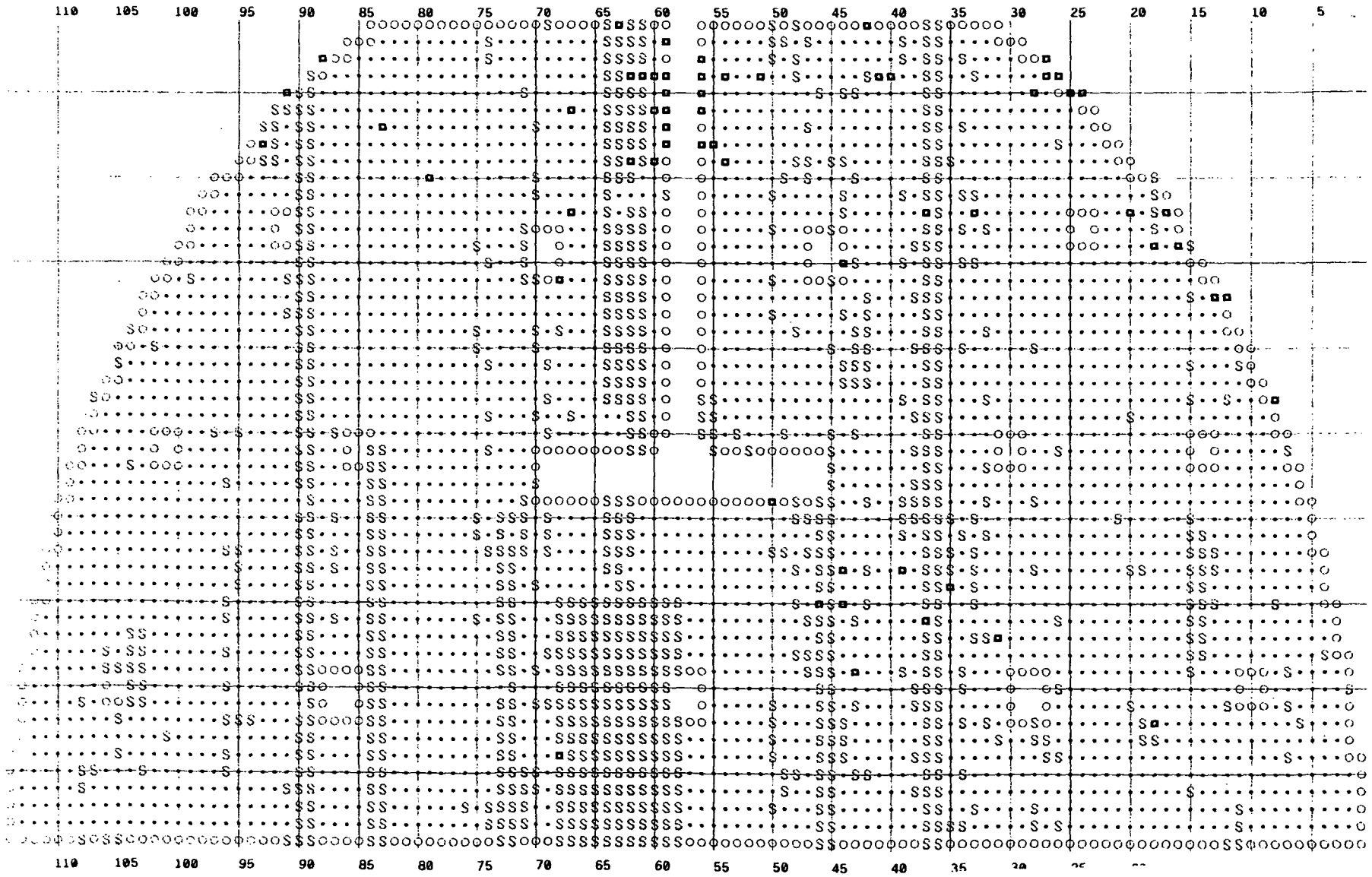


SG-C HOT LEG TOP OF TUBESHEET +POINT PROGRAM AS TESTED

Braidwood A2R13 CDE D5

S 909 TESTED TSH -17 THROUGH
TSH +3 INCHES

▫ 60 PLUGGED TUBE

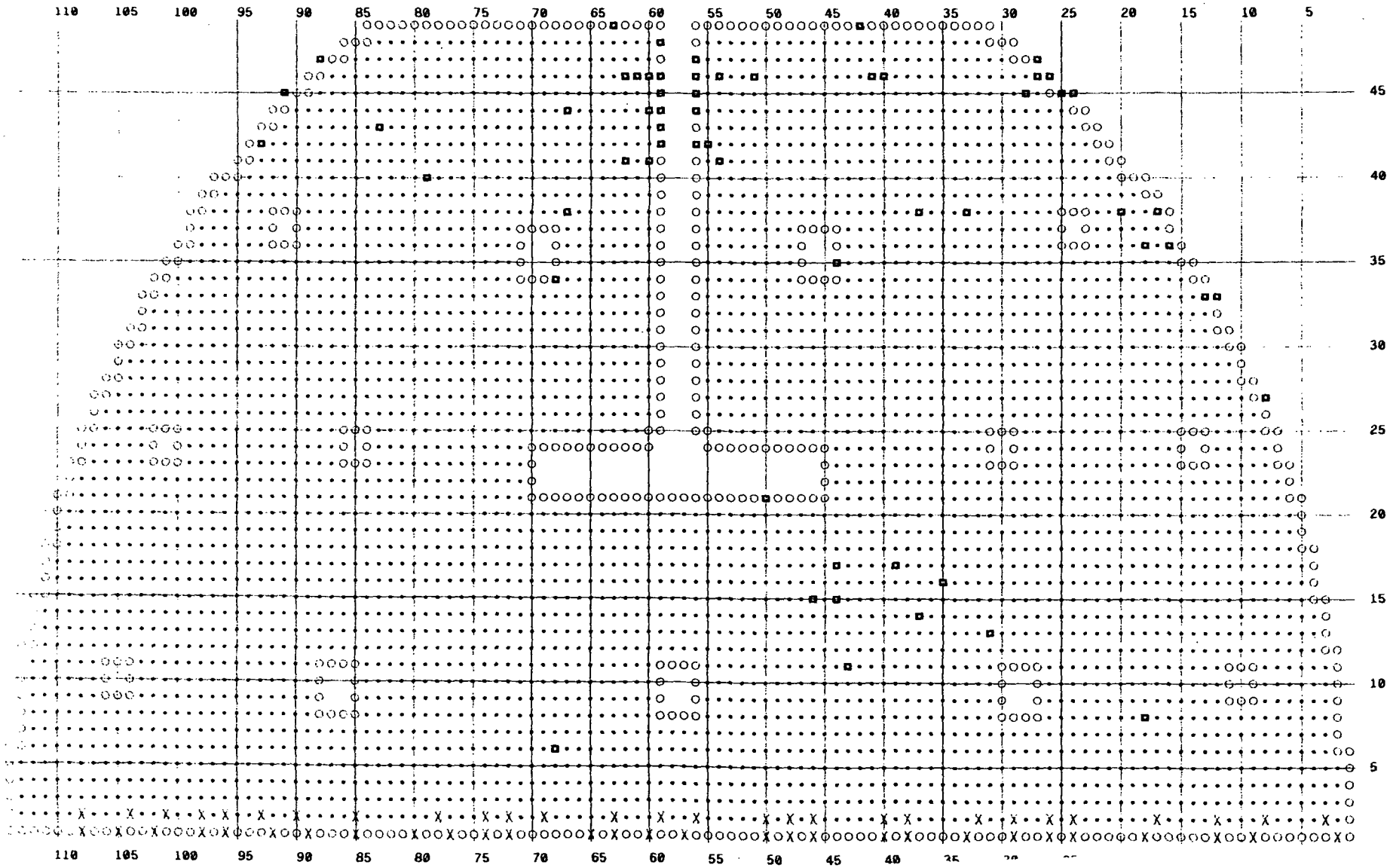


SG-C HOT LEG LOW ROW U-BEND +POINT INSPECTION AS TESTED

Braidwood A2R13 CDE D5

X 57 Tested 11H Through 11C

▫ 60 PLUGGED TUBE

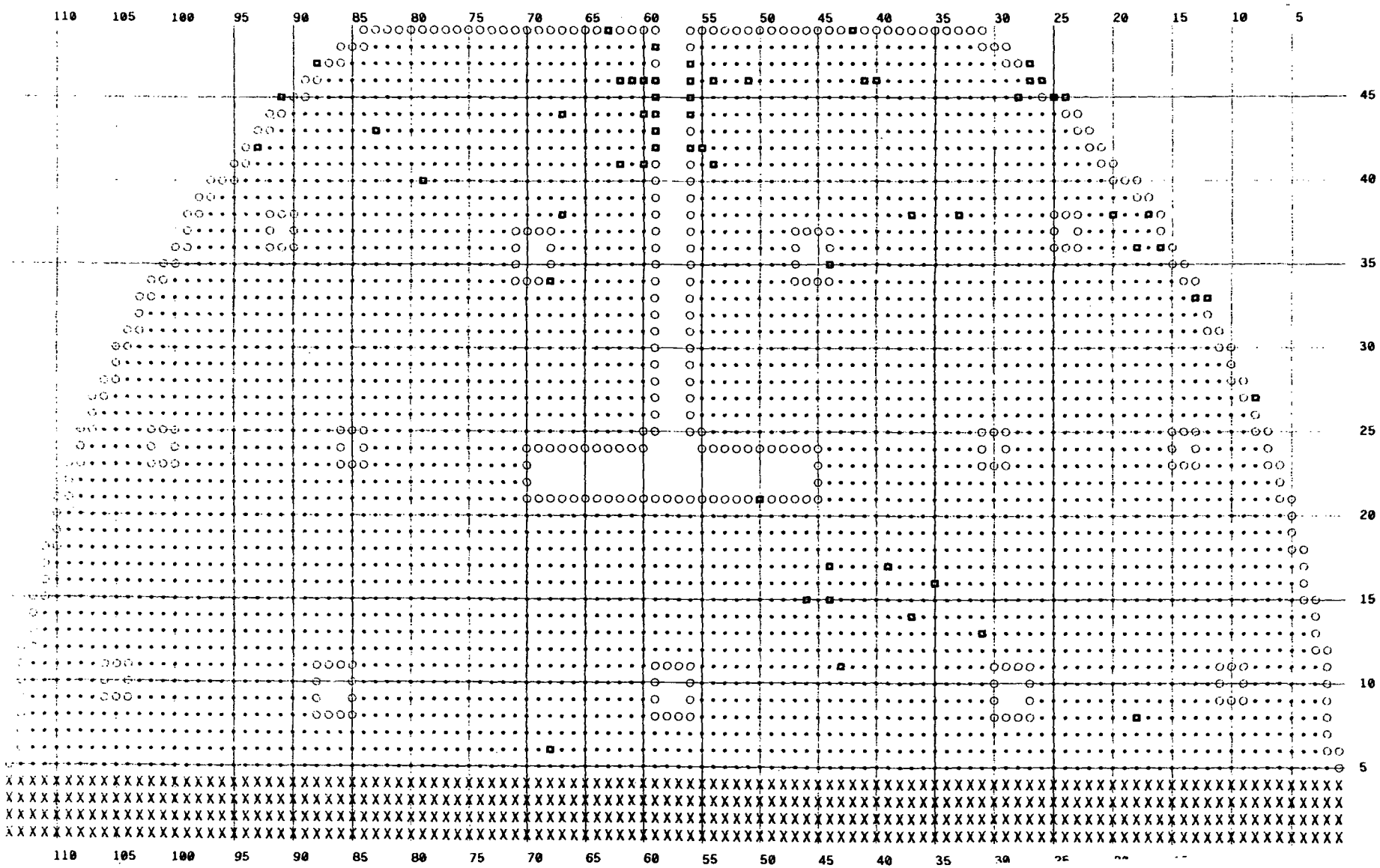


SG-C COLD LEG BOBBIN INSPECTION AS TESTED

Braidwood A2R13 CDE D5

X 456 TESTED 11C-TEC WITH 610

▫ 60 PLUGGED TUBE

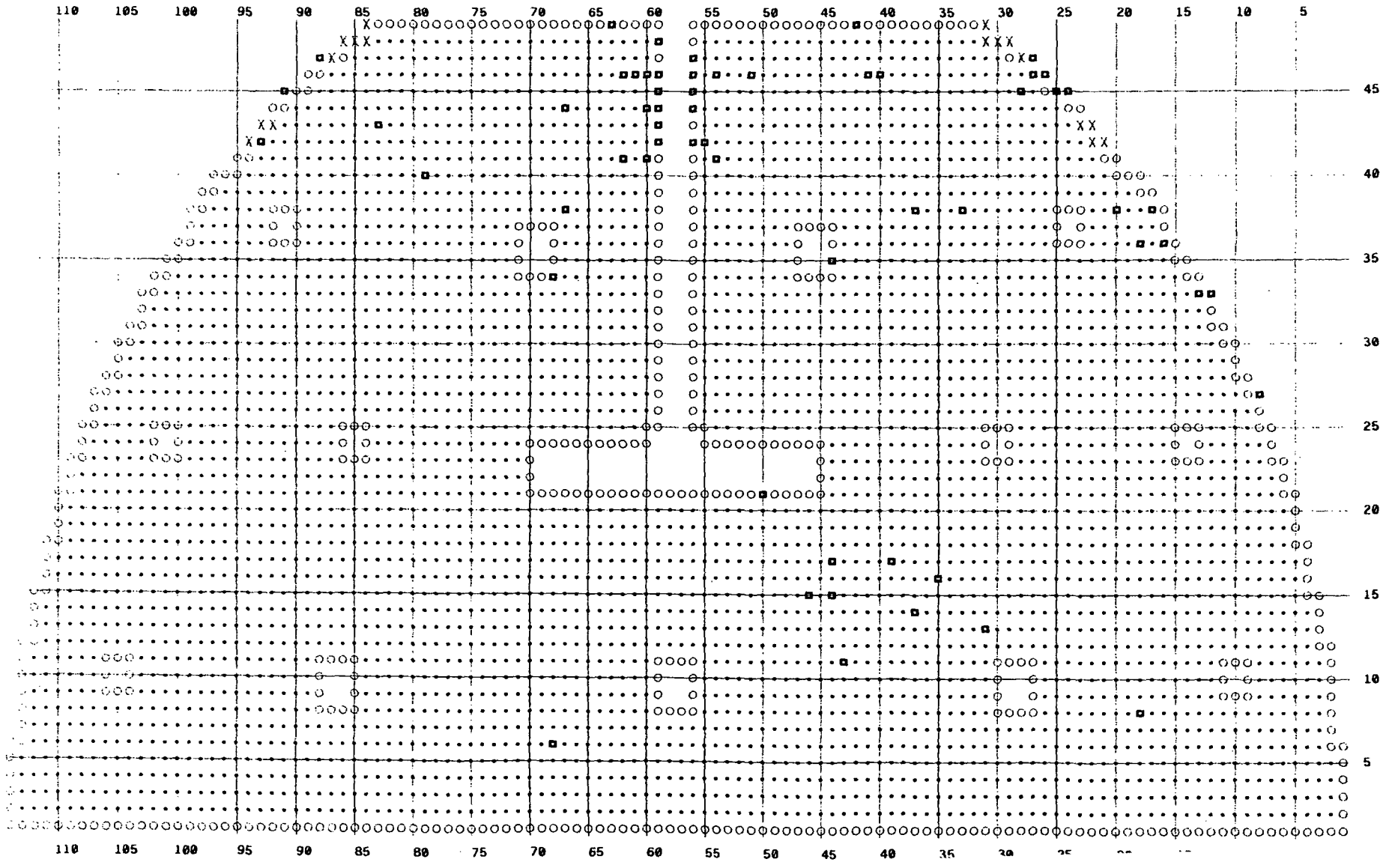


SG-C COLD LEG CORNER TUBE +POINT INSPECTION AS TESTED

Braidwood A2R13 CDE D5

X 17 TESTED 02C -/+3 INCHES

▫ 60 PLUGGED TUBE



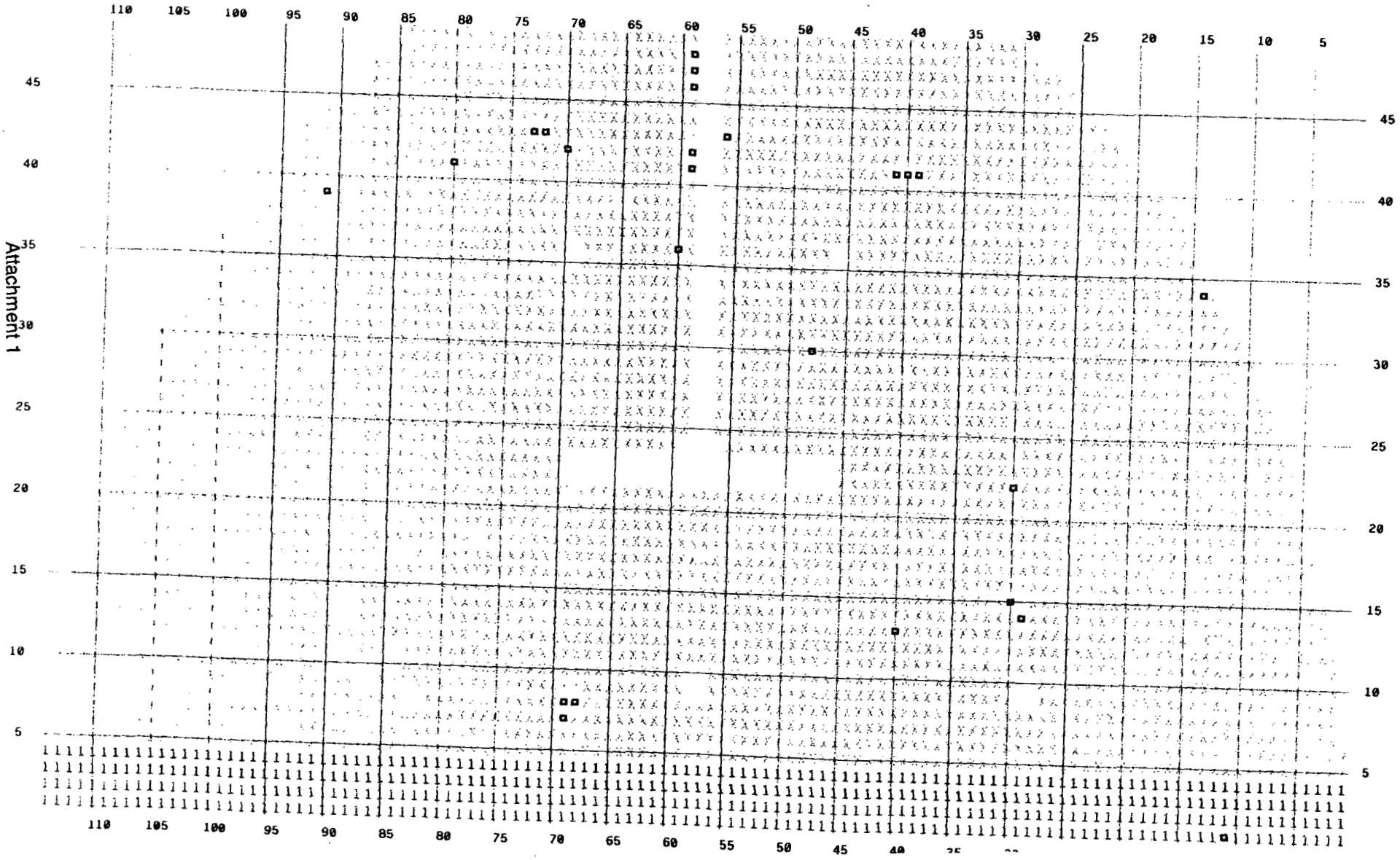
SG-D HOT LEG 610 AND 590 BOBBIN AS TESTED

Braidwood A2R13 CDE D5

1 228 TESTED 11C-TEH WITH .590

1 227 TESTED 11H-TEH WITH .610

25 PLUGGED TUBE

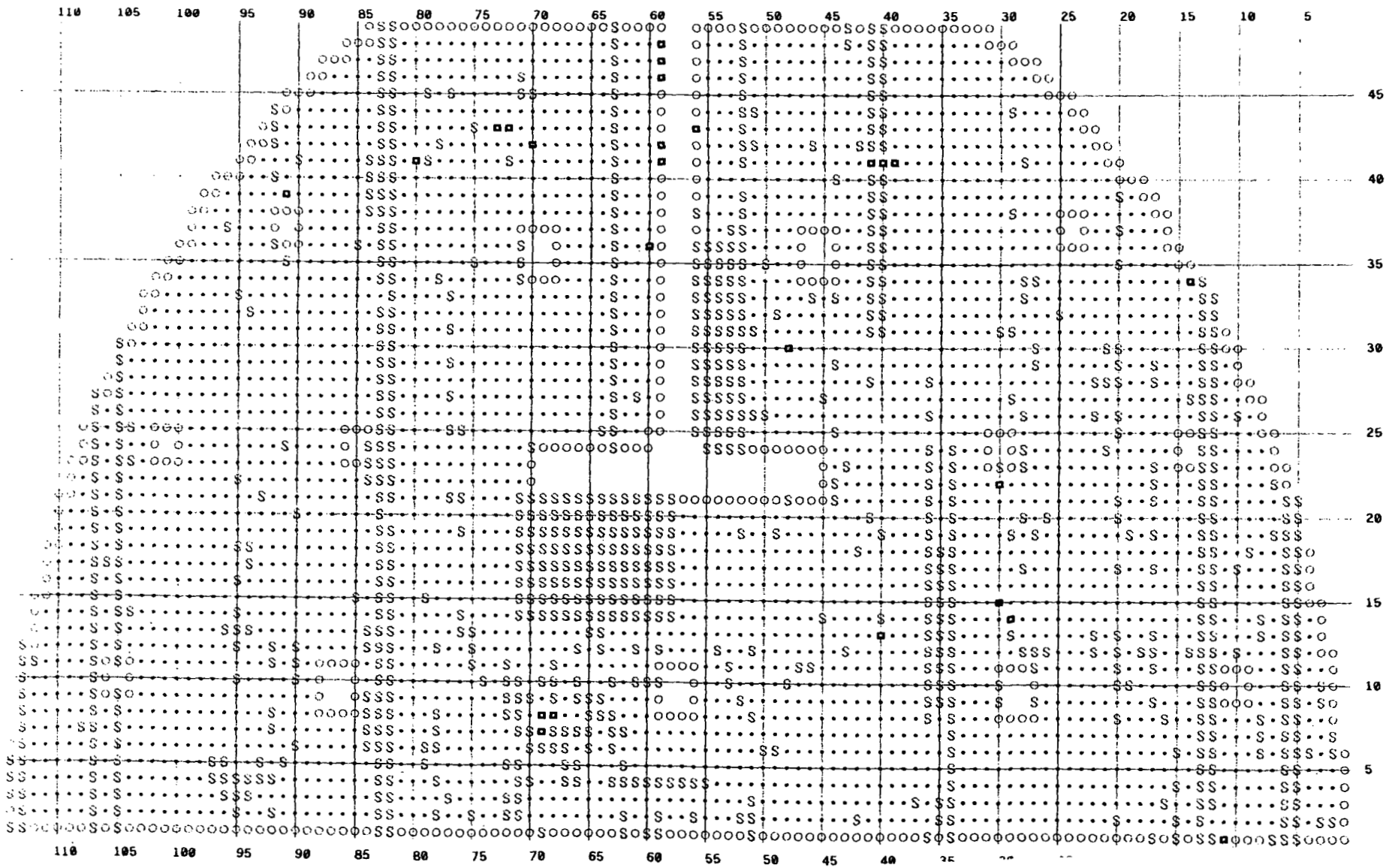


SG-D HOT LEG TOP OF TUBESHEET +POINT PROGRAM AS TESTED

Braidwood A2R13 CDE D5

S 909 Tested TSH -17 Through TSH +3 Inches

▫ 25 PLUGGED TUBE

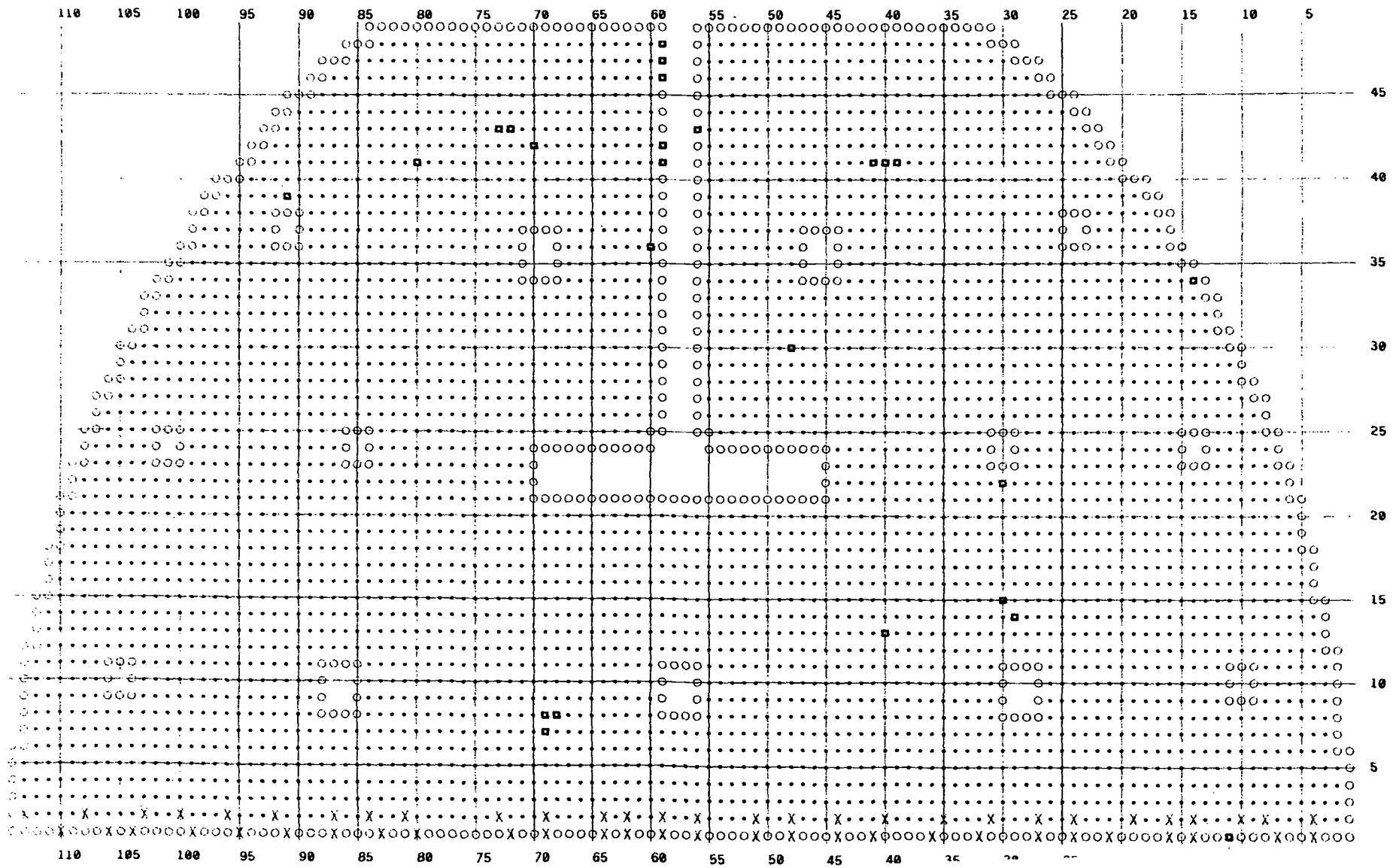


SG-D LOW ROW U-BEND INSPECTION PROGRAM AS TESTED

Braidwood A2R13 CDE D5

X 57 Tested 11H Through 11C

▫ 25 PLUGGED TUBE

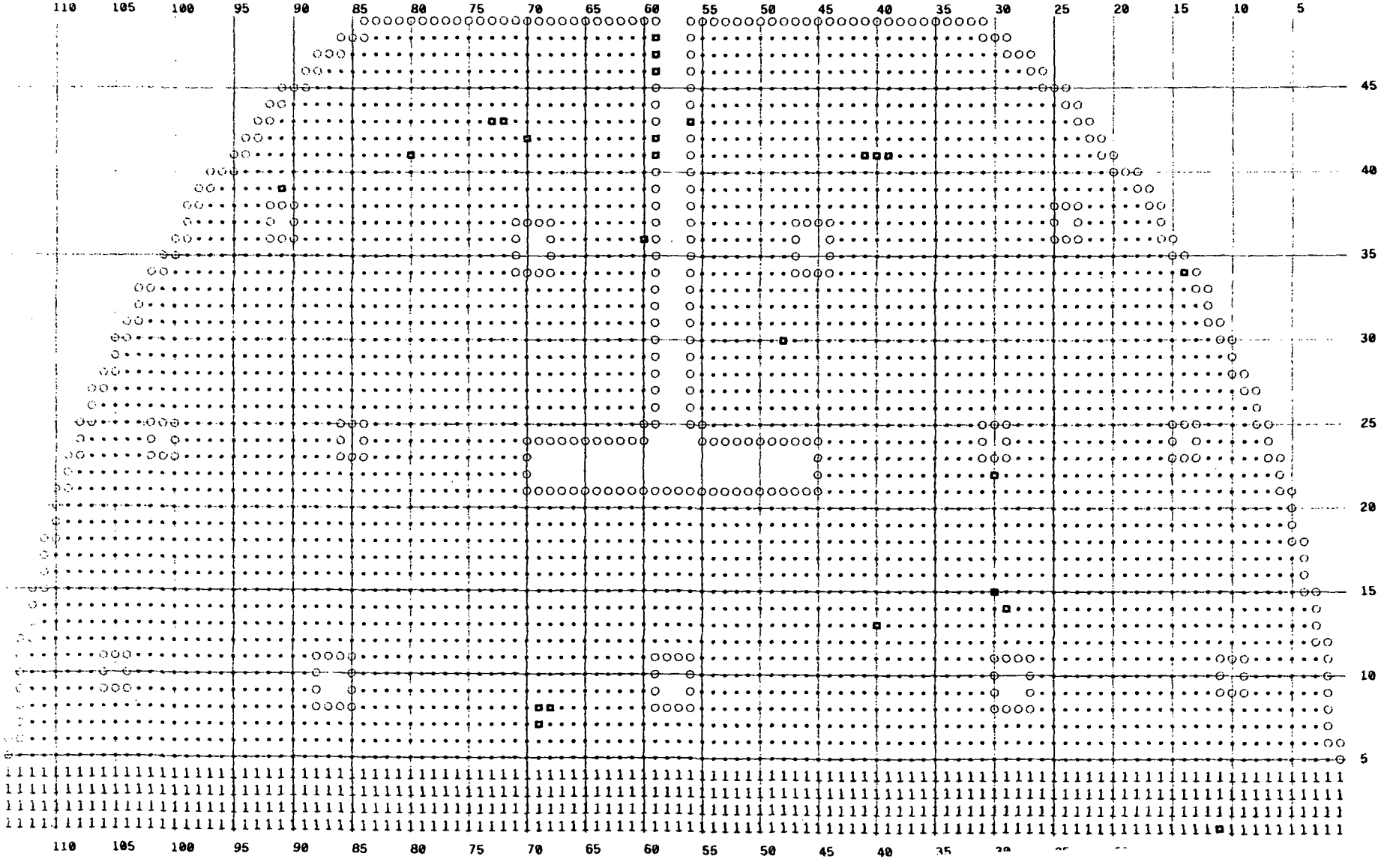


SG-D COLD LEG BOBBIN INSPECTION AS TESTED

Braidwood A2R13 CDE D5

1 455 TESTED 11C-TEC WITH .610

▫ 25 PLUGGED TUBE

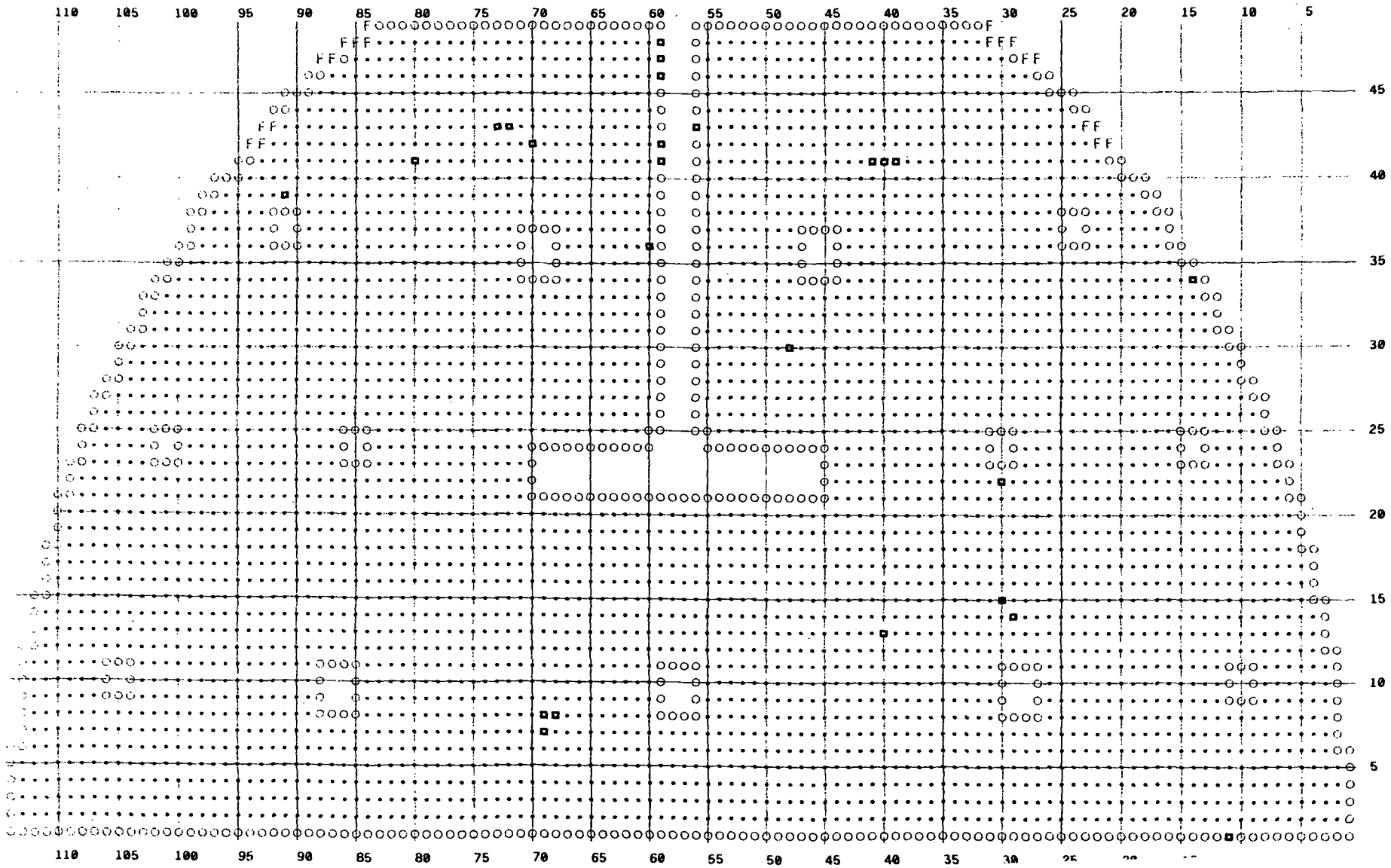


SG-C CORNER TUBE INSPECTION AS TESTED

Braidwood A2R13 CDE D5

F 20 TESTED 02C+/-3"

▫ 25 PLUGGED TUBE



Attachment 2
Tubes Containing AVB Wear

SG - A ANTI-VIBRATION BAR WEAR INDICATIONS

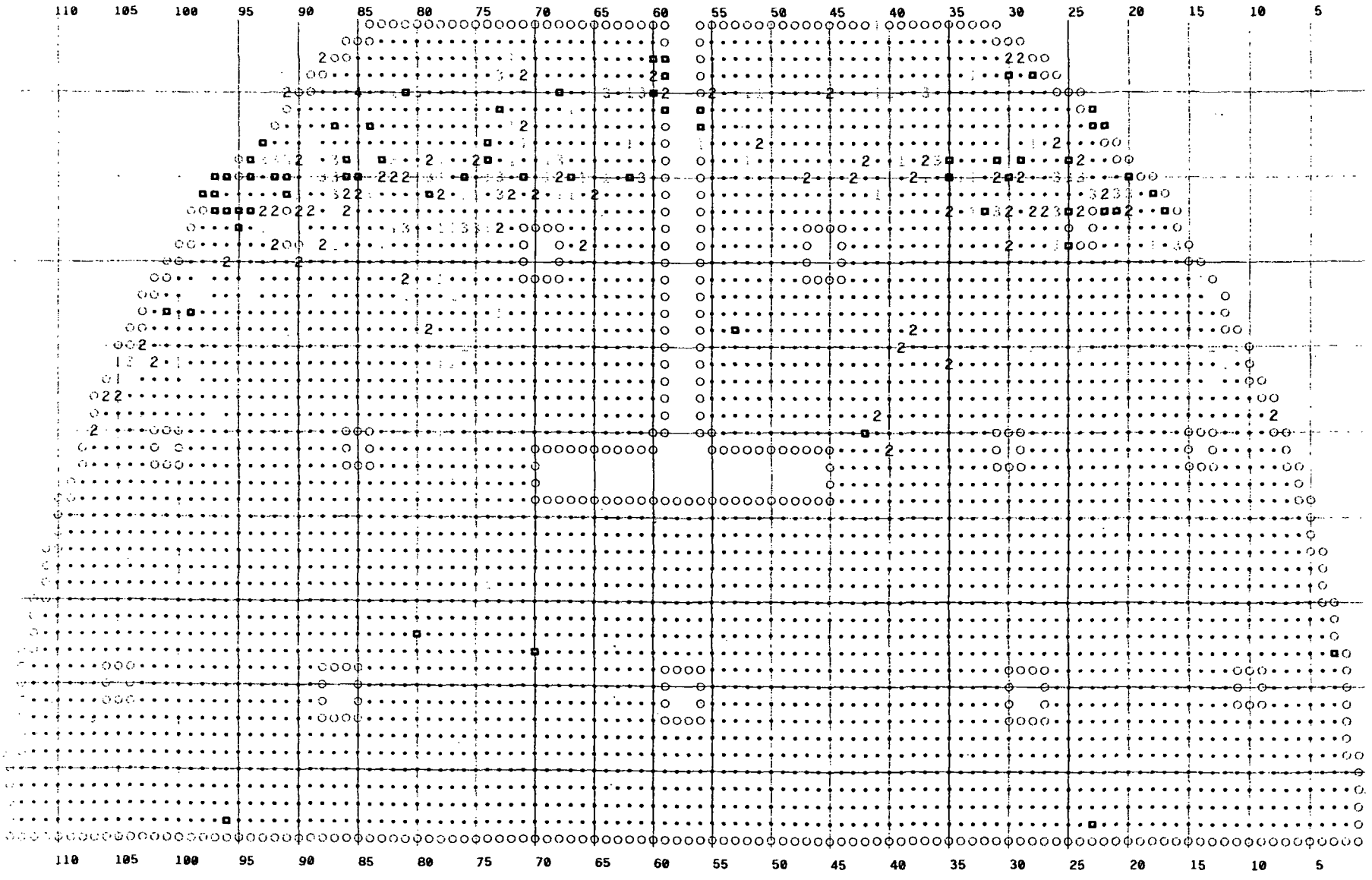
Largest Percent Indication Per Tube
Braidwood A2R13 CDE D5

2 65 20% to 29%

3 35 30% to 39%

4 1 40% to 49%

66 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
45	85	5.94	80	PID		P2	AV2	.05						TEC	TEH	.610	ZBAZC	131	H
39	90	.49	0	PCT	9	P2	AV1	-.08						TEC	TEH	.610	ZBAZC	93	H
30	11	.64	0	PCT	11	P2	AV1	-.11						TEC	TEH	.610	ZBAZC	73	H
42	26	.60	0	PCT	11	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
31	38	.80	0	PCT	11	P2	AV2	.00						TEC	TEH	.610	ZBAZC	81	H
24	40	.86	0	PCT	11	P2	AV1	.00						TEC	TEH	.610	ZBAZC	81	H
39	68	.61	0	PCT	11	P2	AV1	.24						TEC	TEH	.610	ZBAZC	91	H
47	72	.55	0	PCT	11	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
39	76	.62	0	PCT	11	P2	AV2	-.07						TEC	TEH	.610	ZBAZC	93	H
29	103	.93	0	PCT	11	P2	AV1	.05						TEC	TEH	.610	ZBAZC	101	H
28	13	.78	0	PCT	12	P2	AV2	-.13						TEC	TEH	.610	ZBAZC	73	H
43	72	.69	0	PCT	12	P2	AV3	.00						TEC	TEH	.610	ZBAZC	91	H
37	78	.71	0	PCT	12	P2	AV1	.00						TEC	TEH	.610	ZBAZC	93	H
37	82	.68	0	PCT	12	P2	AV3	-.12						TEC	TEH	.610	ZBAZC	93	H
38	86	.63	0	PCT	12	P2	AV1	-.25						TEC	TEH	.610	ZBAZC	99	H
38	90	.62	0	PCT	12	P2	AV1	-.08						TEC	TEH	.610	ZBAZC	99	H
38	93	.63	0	PCT	12	P2	AV2	.00						TEC	TEH	.610	ZBAZC	99	H
26	97	1.02	0	PCT	12	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	101	H
28	105	.75	0	PCT	12	P2	AV2	.02						TEC	TEH	.610	SBACC	107	H
33	13	.85	0	PCT	13	P2	AV3	-.18						TEC	TEH	.610	ZBAZC	73	H
34	14	.79	0	PCT	13	P2	AV1	-.05						TEC	TEH	.610	ZBAZC	75	H
40	25	.72	0	PCT	13	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
38	27	.76	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
41	30	.81	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
30	39	.80	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	83	H
41	39	1.02	0	PCT	13	P2	AV3	.00						TEC	TEH	.610	ZBAZC	81	H
41	39	.98	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	81	H
40	40	.79	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	83	H
49	41	.98	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	ZBAZC	81	H
41	52	.82	0	PCT	13	P2	AV2	-.12						TEC	TEH	.610	ZBAZC	85	H
45	52	.79	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	85	H
39	67	.73	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
40	78	.77	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
40	78	.77	0	PCT	13	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
41	82	.78	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	ZBAZC	93	H
38	87	.66	0	PCT	13	P2	AV2	.26						TEC	TEH	.610	ZBAZC	99	H
42	89	.80	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
41	93	.77	0	PCT	13	P2	AV4	.00						TEC	TEH	.610	ZBAZC	93	H
29	103	1.06	0	PCT	13	P2	AV3	.07						TEC	TEH	.610	ZBAZC	101	H
42	28	.81	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
36	30	.83	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	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	37	1.10	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	81	H
45	41	1.05	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	81	H
45	61	.77	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	89	H
45	61	.78	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
45	62	.78	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
32	73	.79	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	89	H
37	73	.81	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
37	73	.77	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	89	H
37	73	.79	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
40	74	.80	0	PCT	14	P2	AV3	-.10						TEC	TEH	.610	ZBAZC	91	H
29	77	.82	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
33	77	.84	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	93	H
33	81	.87	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
40	83	.86	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	H
35	90	.75	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	97	H
35	90	.80	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
37	92	.80	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	ZBAZC	97	H
41	93	.87	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	ZBAZC	93	H
43	93	.82	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	93	H
42	94	.87	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	H
29	100	.84	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	103	H
28	104	.97	0	PCT	14	P2	AV2	-.27						TEC	TEH	.610	ZBAZC	109	H
27	106	1.00	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	109	H
30	24	.92	0	PCT	15	P2	AV4	.10						TEC	TEH	.610	ZBAZC	79	H
38	24	.95	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
30	28	.92	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
40	38	.90	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	83	H
45	40	.93	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	83	H
42	56	.97	0	PCT	15	P2	AV2	.05						TEC	TEH	.610	ZBAZC	85	H
44	67	.94	0	PCT	15	P2	AV1	.18						TEC	TEH	.610	ZBAZC	91	H
40	69	.85	0	PCT	15	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
42	71	.85	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
40	73	.88	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
30	76	.93	0	PCT	15	P2	AV2	-.21						TEC	TEH	.610	ZBAZC	91	H
37	76	.97	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	H
39	76	.94	0	PCT	15	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	93	H
29	77	.94	0	PCT	15	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	93	H
29	78	.91	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
45	82	.83	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
39	84	.95	0	PCT	15	P2	AV1	-.05						TEC	TEH	.610	ZBAZC	93	H
39	85	1.26	0	PCT	15	P2	AV2	.12						TEC	TEH	.610	ZBAZC	97	H
40	89	.94	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
40	89	.92	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	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	89	.89	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
39	90	.94	0	PCT	15	P2	AV4	-.03						TEC	TEH	.610	ZBAZC	93	H
33	94	.86	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
34	98	.86	0	PCT	15	P2	AV3	-.12						TEC	TEH	.610	ZBAZC	99	H
29	104	1.08	0	PCT	15	P2	AV1	.14						TEC	TEH	.610	ZBAZC	109	H
26	8	1.05	0	PCT	16	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	75	H
29	12	1.05	0	PCT	16	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	75	H
39	21	1.01	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
40	24	.98	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
38	26	1.02	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
38	31	1.01	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
30	39	1.04	0	PCT	16	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	83	H
41	39	1.30	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	81	H
42	62	1.04	0	PCT	16	P2	AV3	.15						TEC	TEH	.610	ZBAZC	91	H
40	64	1.04	0	PCT	16	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	91	H
40	68	.97	0	PCT	16	P2	AV3	-.07						TEC	TEH	.610	ZBAZC	91	H
43	71	1.01	0	PCT	16	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	93	H
32	73	.93	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
32	73	.93	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
40	73	.97	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
39	76	1.09	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
25	78	1.00	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
41	79	.99	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	95	H
37	81	1.03	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	95	H
37	82	1.00	0	PCT	16	P2	AV1	.08						TEC	TEH	.610	ZBAZC	93	H
40	84	1.02	0	PCT	16	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	93	H
36	87	.92	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	99	H
40	87	.90	0	PCT	16	P2	AV3	-.21						TEC	TEH	.610	ZBAZC	99	H
36	89	.88	0	PCT	16	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	99	H
38	89	.89	0	PCT	16	P2	AV3	-.10						TEC	TEH	.610	ZBAZC	99	H
34	94	.95	0	PCT	16	P2	AV2	.08						TEC	TEH	.610	ZBAZC	99	H
28	99	1.36	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	101	H
33	99	.92	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
25	106	1.06	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	SBACC	107	H
25	108	1.17	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	109	H
30	13	1.23	0	PCT	17	P2	AV2	-.28						TEC	TEH	.610	ZBAZC	73	H
36	18	1.15	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	75	H
36	18	1.16	0	PCT	17	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	75	H
39	22	1.15	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
40	25	1.10	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	77	H
36	26	1.13	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	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	1.08	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
42	30	1.09	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
40	31	1.05	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
40	33	1.06	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
40	34	1.12	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
45	37	1.06	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
45	51	1.04	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
46	60	1.12	0	PCT	17	P2	AV1	.06						TEC	TEH	.610	ZBAZC	85	H
45	61	1.07	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
45	65	1.06	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
40	66	1.12	0	PCT	17	P2	AV2	-.32						TEC	TEH	.610	ZBAZC	91	H
41	69	1.02	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
39	70	1.14	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	91	H
32	73	1.07	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
46	73	1.07	0	PCT	17	P2	AV3	-.02						TEC	TEH	.610	ZBAZC	91	H
37	74	1.12	0	PCT	17	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	91	H
39	76	1.05	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	93	H
41	78	1.08	0	PCT	17	P2	AV3	-.20						TEC	TEH	.610	ZBAZC	93	H
31	79	1.08	0	PCT	17	P2	AV1	.03						TEC	TEH	.610	ZBAZC	93	H
40	80	1.05	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
40	82	1.13	0	PCT	17	P2	AV3	.05						TEC	TEH	.610	ZBAZC	93	H
41	85	1.07	0	PCT	17	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	93	H
39	87	1.03	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	97	H
36	88	.97	0	PCT	17	P2	AV2	.08						TEC	TEH	.610	ZBAZC	99	H
36	89	.99	0	PCT	17	P2	AV2	.15						TEC	TEH	.610	ZBAZC	99	H
44	92	1.14	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	H
29	100	1.09	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
27	105	1.20	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	107	H
28	105	1.20	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	107	H
25	107	1.17	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	SBACC	107	H
34	14	1.25	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
39	20	1.26	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
38	33	1.18	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
46	33	1.16	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
41	42	1.10	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
45	64	1.11	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
39	67	1.11	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
45	70	1.15	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
46	73	1.18	0	PCT	18	P2	AV1	.25						TEC	TEH	.610	ZBAZC	91	H
16	74	1.18	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	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	75	1.19	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
37	77	1.19	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
25	78	1.19	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	H
45	80	1.17	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	89	H
45	82	1.14	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
41	85	1.21	0	PCT	18	P2	AV2	-.02						TEC	TEH	.610	ZBAZC	93	H
39	86	1.11	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	97	H
40	88	1.08	0	PCT	18	P2	AV4	-.33						TEC	TEH	.610	ZBAZC	99	H
41	89	1.14	0	PCT	18	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	93	H
37	90	1.07	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
38	90	1.05	0	PCT	18	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	99	H
37	93	1.07	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	97	H
33	98	1.15	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
28	105	1.29	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	SBACC	107	H
29	105	1.22	0	PCT	18	P2	AV3	-.02						TEC	TEH	.610	SBACC	107	H
34	14	1.27	0	PCT	19	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	75	H
38	20	1.33	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
39	21	1.29	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	77	H
36	30	1.28	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
39	41	1.51	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	81	H
20	60	1.24	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	89	H
41	68	1.33	0	PCT	19	P2	AV2	-.12						TEC	TEH	.610	ZBAZC	91	H
45	70	1.22	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
41	72	1.34	0	PCT	19	P2	AV3	-.10						TEC	TEH	.610	ZBAZC	91	H
41	75	1.28	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
30	76	1.26	0	PCT	19	P2	AV3	.03						TEC	TEH	.610	ZBAZC	91	H
34	78	1.30	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
31	79	1.30	0	PCT	19	P2	AV2	.15						TEC	TEH	.610	ZBAZC	93	H
36	83	1.26	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
39	84	1.33	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
39	84	1.28	0	PCT	19	P2	AV2	.19						TEC	TEH	.610	ZBAZC	93	H
41	84	1.29	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
45	85	1.27	183	PCT	19	P2	AV1	.03						TEC	TEH	.610	ZBAZC	93	H
38	86	1.21	0	PCT	19	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	99	H
40	87	1.15	0	PCT	19	P2	AV4	-.08						TEC	TEH	.610	ZBAZC	99	H
40	87	1.14	0	PCT	19	P2	AV1	-.30						TEC	TEH	.610	ZBAZC	99	H
33	88	1.23	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
31	90	1.28	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
41	92	1.36	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
33	98	1.21	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	97	H
30	103	1.66	0	PCT	19	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	101	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
25	106	1.36	0	PCT	19	P2	AV2	-.02						TEC	TEH	.610	SBACC	107	H
27	106	1.48	0	PCT	19	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	109	H
23	109	1.43	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	ZBAZC	109	H
39	20	1.46	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	ZBAZC	79	H
38	27	1.36	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
47	30	1.41	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
31	38	1.63	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	81	H
40	38	1.43	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	83	H
40	38	1.42	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	83	H
24	40	1.64	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	81	H
24	40	1.61	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	81	H
40	43	1.25	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
42	51	1.24	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
39	65	1.27	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
46	71	1.37	0	PCT	20	P2	AV2	.02						TEC	TEH	.610	ZBAZC	91	H
37	75	1.38	0	PCT	20	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	93	H
37	76	1.36	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	95	H
41	79	1.38	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
40	82	1.41	0	PCT	20	P2	AV2	.15						TEC	TEH	.610	ZBAZC	93	H
39	85	1.83	0	PCT	20	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	97	H
39	86	1.31	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
47	88	1.43	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	H
36	92	1.30	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	99	H
29	102	1.38	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
42	26	1.48	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
38	28	1.53	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
40	31	1.44	0	PCT	21	P2	AV1	.00						TEC	TEH	.610	ZBAZC	77	H
30	39	1.50	0	PCT	21	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	83	H
45	55	1.39	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
45	59	1.38	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
39	72	1.50	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	91	H
41	82	1.51	0	PCT	21	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	93	H
40	83	1.46	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
36	88	1.35	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	99	H
38	89	1.37	0	PCT	21	P2	AV2	.02						TEC	TEH	.610	ZBAZC	99	H
38	90	1.39	0	PCT	21	P2	AV3	-.20						TEC	TEH	.610	ZBAZC	99	H
38	24	1.69	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
29	35	1.55	0	PCT	22	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
43	71	1.56	0	PCT	22	P2	AV1	.00						TEC	TEH	.610	ZBAZC	93	H
34	81	1.61	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
38	86	1.54	0	PCT	22	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	99	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	91	1.56	0	PCT	22	P2	AV3	-.12						TEC	TEH	.610	ZBAZC	93	H
26	8	1.80	0	PCT	23	P2	AV4	-.11						TEC	TEH	.610	ZBAZC	75	H
39	21	1.70	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
38	24	1.82	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
36	30	1.74	0	PCT	23	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
38	30	1.75	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
40	31	1.71	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
41	36	1.77	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
26	41	1.77	0	PCT	23	P2	AV3	.12						TEC	TEH	.610	ZBAZC	83	H
40	47	1.57	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
40	68	1.73	0	PCT	23	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	91	H
41	75	1.77	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
41	75	1.75	0	PCT	23	P2	AV1	.00						TEC	TEH	.610	ZBAZC	95	H
39	78	1.73	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
40	81	1.71	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
45	91	1.75	0	PCT	23	P2	AV1	.00						TEC	TEH	.610	ZBAZC	95	H
30	103	2.13	0	PCT	23	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	101	H
27	105	1.80	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	107	H
39	20	1.96	0	PCT	24	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
39	22	1.89	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
41	24	1.95	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
47	29	1.85	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
45	45	1.76	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
45	59	1.75	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
36	66	1.83	0	PCT	24	P2	AV3	.02						TEC	TEH	.610	ZBAZC	91	H
39	78	1.90	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
40	79	1.91	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
45	80	1.82	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
38	92	1.72	0	PCT	24	P2	AV3	-.12						TEC	TEH	.610	ZBAZC	99	H
38	20	2.00	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
41	24	2.01	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
40	25	2.01	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
38	31	1.93	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
41	37	1.89	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
40	61	1.93	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
39	70	2.06	0	PCT	25	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	91	H
37	76	1.99	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
40	83	2.07	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
40	88	1.92	0	PCT	25	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	99	H
36	92	1.92	0	PCT	25	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	99	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
38	93	1.83	0	PCT	25	P2	AV3	-.10						TEC	TEH	.610	ZBAZC	99	H
30	103	2.45	0	PCT	25	P2	AV1	-.10						TEC	TEH	.610	ZBAZC	101	H
27	106	2.14	0	PCT	25	P2	AV3	-.17						TEC	TEH	.610	ZBAZC	109	H
27	106	2.15	0	PCT	25	P2	AV1	.00						TEC	TEH	.610	ZBAZC	109	H
26	8	2.24	0	PCT	26	P2	AV1	.00						TEC	TEH	.610	ZBAZC	75	H
40	29	2.09	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
38	30	2.13	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
37	73	1.98	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
41	79	2.17	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
35	90	2.06	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	97	H
38	20	2.27	0	PCT	27	P2	AV4	.00						TEC	TEH	.610	ZBAZC	79	H
41	42	2.18	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
45	55	2.22	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
46	60	2.30	0	PCT	27	P2	AV2	-.07						TEC	TEH	.610	ZBAZC	85	H
43	71	2.24	0	PCT	27	P2	AV2	.22						TEC	TEH	.610	ZBAZC	93	H
39	73	2.16	0	PCT	27	P2	AV4	.00						TEC	TEH	.610	ZBAZC	89	H
41	82	2.25	0	PCT	27	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	93	H
38	92	2.19	0	PCT	27	P2	AV2	-.25						TEC	TEH	.610	ZBAZC	99	H
27	105	2.35	0	PCT	27	P2	AV1	.00						TEC	TEH	.610	SBACC	107	H
38	20	2.40	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
40	29	2.40	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
47	29	2.34	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
40	31	2.38	0	PCT	28	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
39	65	2.36	0	PCT	28	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
41	87	2.35	0	PCT	28	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	93	H
41	90	2.41	0	PCT	28	P2	AV2	-.07						TEC	TEH	.610	ZBAZC	93	H
35	96	2.26	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
38	35	2.52	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
45	64	2.51	0	PCT	29	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
31	79	2.48	0	PCT	29	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	93	H
37	81	2.56	0	PCT	29	P2	AV3	.00						TEC	TEH	.610	ZBAZC	95	H
40	83	2.55	0	PCT	29	P2	AV1	.00						TEC	TEH	.610	ZBAZC	95	H
39	90	2.58	0	PCT	29	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	93	H
25	107	2.65	0	PCT	29	P2	AV1	.00						TEC	TEH	.610	SBACC	107	H
36	16	2.72	0	PCT	30	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	75	H
38	31	2.70	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
45	37	2.71	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
40	79	2.81	0	PCT	30	P2	AV3	.03						TEC	TEH	.610	ZBAZC	95	H
39	21	2.89	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
38	26	3.06	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
41	68	3.00	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	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
46	73	3.03	0	PCT	31	P2	AV2	.07						TEC	TEH	.610	ZBAZC	91	H
37	75	2.92	0	PCT	31	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	93	H
37	81	2.96	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
40	88	2.78	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	99	H
39	90	2.87	0	PCT	31	P2	AV3	.03						TEC	TEH	.610	ZBAZC	93	H
41	93	2.95	0	PCT	31	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
29	104	2.98	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	109	H
40	25	3.02	0	PCT	32	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
41	87	3.06	0	PCT	32	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
39	23	3.13	0	PCT	33	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
40	26	3.33	0	PCT	33	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
40	73	3.16	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
39	87	3.22	0	PCT	33	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
20	60	3.35	0	PCT	34	P2	AV1	.00						TEC	TEH	.610	ZBAZC	89	H
45	61	3.41	0	PCT	34	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
45	80	3.28	0	PCT	34	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
41	91	3.45	0	PCT	34	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	93	H
29	104	3.48	0	PCT	34	P2	AV3	.00						TEC	TEH	.610	ZBAZC	109	H
39	20	3.84	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
40	24	3.83	0	PCT	35	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
41	36	3.84	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
40	61	3.71	0	PCT	35	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
39	73	3.61	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	89	H
41	92	3.58	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
45	64	3.77	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
37	76	3.96	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
41	82	3.82	0	PCT	36	P2	AV2	-.10						TEC	TEH	.610	ZBAZC	93	H
40	87	3.98	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	99	H
41	93	3.85	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
39	73	3.91	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	ZBAZC	89	H
39	23	4.20	0	PCT	38	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
23	109	4.42	0	PCT	38	P2	AV4	.00						TEC	TEH	.610	ZBAZC	109	H
45	85	5.69	0	PCT	43	P2	AV2	.05						TEC	TEH	.610	ZBAZC	93	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 197 Records: 361

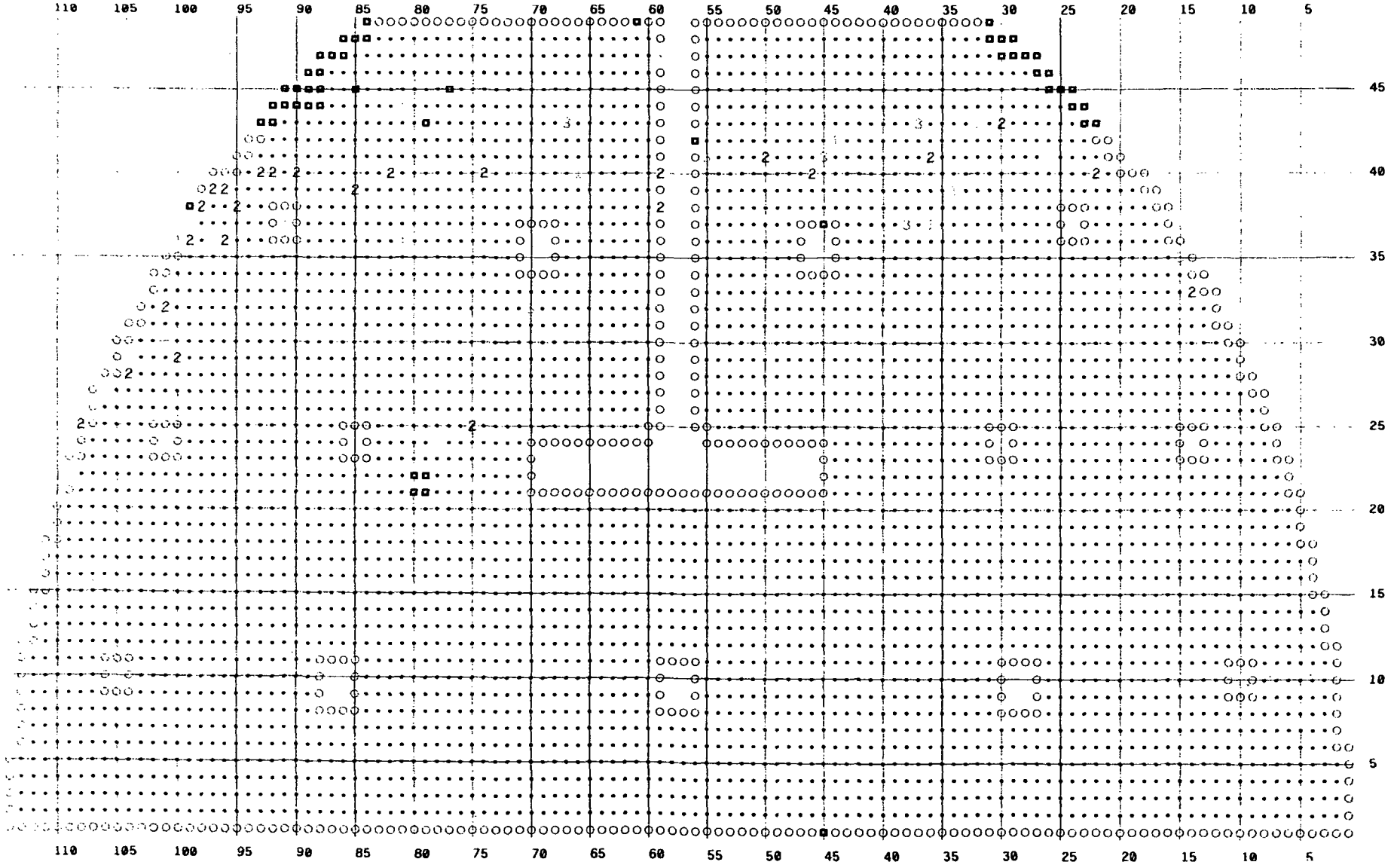
SG - B ANTI-VIBRATION BAR WEAR INDICATIONS

Largest Percent Indication Per Tube
Braidwood A2R13 CDE D5

2 25 20% to 29%

3 7 30% to 39%

▫ 49 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
37	38	.62	0	PCT	11	P2	AV1	.05						TEC	TEH	.610	SBACC	95	H
32	70	.73	0	PCT	11	P2	AV1	.13						TEC	TEH	.610	ZBAZC	107	H
25	108	.54	0	PCT	11	P2	AV3	.00						TEC	TEH	.610	SBACC	125	H
25	108	.48	0	PCT	11	P2	AV2	.00						TEC	TEH	.610	SBACC	125	H
37	36	.69	0	PCT	12	P2	AV1	.12						TEC	TEH	.610	ZBAZC	83	H
42	44	.72	0	PCT	12	P2	AV1	.24						TEC	TEH	.610	SBACC	99	H
39	34	.78	0	PCT	13	P2	AV1	-.06						TEC	TEH	.610	ZBAZC	83	H
39	96	.62	0	PCT	13	P2	AV4	.00						TEC	TEH	.610	SBACC	125	H
37	38	.90	0	PCT	14	P2	AV4	.06						TEC	TEH	.610	SBACC	95	H
43	67	.75	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	ZBAZC	109	H
39	97	.87	0	PCT	14	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	123	H
30	101	.88	0	PCT	14	P2	AV2	.07						TEC	TEH	.610	ZBAZC	123	H
27	106	.74	0	PCT	14	P2	AV3	-.27						TEC	TEH	.610	SBACC	125	H
37	36	.91	0	PCT	15	P2	AV4	-.11						TEC	TEH	.610	ZBAZC	83	H
37	36	.90	0	PCT	15	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	83	H
40	66	1.06	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	ZBAZC	103	H
24	78	.80	0	PCT	15	P2	AV4	-.10						TEC	TEH	.610	ZBAZC	109	H
40	92	.76	0	PCT	15	P2	AV2	-.13						TEC	TEH	.610	SBACC	125	H
40	-93	.92	0	PCT	15	P2	AV2	.15						TEC	TEH	.610	ZBAZC	123	H
36	97	.91	0	PCT	15	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	123	H
33	103	.91	0	PCT	15	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	123	H
29	104	.79	0	PCT	15	P2	AV3	.03						TEC	TEH	.610	SBACC	125	H
22	109	.96	0	PCT	15	P2	AV4	-.19						TEC	TEH	.610	ZBAZC	123	H
40	59	1.13	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	103	H
40	66	1.16	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
40	74	1.15	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	107	H
36	81	.95	0	PCT	16	P2	AV2	.05						TEC	TEH	.610	ZBAZC	113	H
44	81	1.03	0	PCT	16	P2	AV3	-.07						TEC	TEH	.610	ZBAZC	111	H
36	96	.85	0	PCT	16	P2	AV3	-.18						TEC	TEH	.610	SBACC	125	H
36	96	.87	0	PCT	16	P2	AV4	-.18						TEC	TEH	.610	SBACC	125	H
36	99	1.03	0	PCT	16	P2	AV1	-.16						TEC	TEH	.610	ZBAZC	123	H
21	110	.88	0	PCT	16	P2	AV4	-.32						TEC	TEH	.610	SBACC	125	H
40	22	1.07	0	PCT	17	P2	AV3	-.20						TEC	TEH	.610	ZBAZC	83	H
43	32	1.08	0	PCT	17	P2	AV2	.03						TEC	TEH	.610	ZBAZC	83	H
42	44	1.12	0	PCT	17	P2	AV3	-.05						TEC	TEH	.610	SBACC	99	H
40	46	1.19	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	103	H
47	59	1.27	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	103	H
43	67	.97	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	109	H
40	90	.93	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	125	H
39	97	1.11	0	PCT	17	P2	AV4	-.15						TEC	TEH	.610	ZBAZC	123	H
29	100	.93	0	PCT	17	P2	AV3	-.20						TEC	TEH	.610	SBACC	125	H
36	100	.92	0	PCT	17	P2	AV2	-.18						TEC	TEH	.610	SBACC	125	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
30	101	1.10	0	PCT	17	P2	AV3	-.12						TEC	TEH	.610	ZBAZC	123	H
41	26	1.17	0	PCT	18	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	83	H
39	85	1.25	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	123	H
39	97	1.22	0	PCT	18	P2	AV1	.03						TEC	TEH	.610	ZBAZC	123	H
38	98	1.01	0	PCT	18	P2	AV4	-.08						TEC	TEH	.610	SBACC	125	H
43	32	1.27	0	PCT	19	P2	AV1	.03						TEC	TEH	.610	ZBAZC	83	H
37	36	1.29	0	PCT	19	P2	AV3	-.39						TEC	TEH	.610	ZBAZC	83	H
40	59	1.41	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	103	H
39	96	1.14	0	PCT	19	P2	AV1	-.18						TEC	TEH	.610	SBACC	125	H
37	99	1.30	0	PCT	19	P2	AV3	.05						TEC	TEH	.610	ZBAZC	123	H
33	14	1.29	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
40	22	1.47	0	PCT	20	P2	AV2	-.20						TEC	TEH	.610	ZBAZC	83	H
41	36	1.40	0	PCT	20	P2	AV1	.03						TEC	TEH	.610	ZBAZC	83	H
43	37	1.20	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	85	H
40	46	1.54	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
41	55	1.26	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	ZBAZC	105	H
40	59	1.52	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	103	H
32	70	1.54	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	107	H
40	74	1.51	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	107	H
25	75	1.52	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	107	H
38	98	1.20	0	PCT	20	P2	AV3	-.18						TEC	TEH	.610	SBACC	125	H
36	99	1.40	0	PCT	20	P2	AV2	.08						TEC	TEH	.610	ZBAZC	123	H
39	85	1.51	0	PCT	21	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	123	H
35	15	1.73	0	PCT	22	P2	AV2	-.16						TEC	TEH	.610	ZBAZC	87	H
41	50	1.76	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
38	95	1.65	0	PCT	22	P2	AV2	-.13						TEC	TEH	.610	ZBAZC	123	H
36	96	1.43	0	PCT	22	P2	AV2	-.23						TEC	TEH	.610	SBACC	125	H
29	100	1.50	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	SBACC	125	H
28	104	1.50	0	PCT	22	P2	AV2	-.24						TEC	TEH	.610	SBACC	125	H
25	108	1.41	0	PCT	22	P2	AV4	.20						TEC	TEH	.610	SBACC	125	H
35	15	1.81	0	PCT	23	P2	AV4	-.14						TEC	TEH	.610	ZBAZC	87	H
40	90	1.54	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	SBACC	125	H
40	93	1.73	0	PCT	23	P2	AV3	-.15						TEC	TEH	.610	ZBAZC	123	H
32	101	1.82	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	123	H
43	30	2.06	0	PCT	25	P2	AV2	-.13						TEC	TEH	.610	ZBAZC	83	H
40	92	1.78	0	PCT	25	P2	AV3	.13						TEC	TEH	.610	SBACC	125	H
38	59	1.89	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	105	H
40	59	2.33	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	103	H
41	45	2.04	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	ZBAZC	101	H
41	55	2.11	0	PCT	27	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	105	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

SG - B ANTI-VIBRATION BAR WEAR INDICATIONS

Braidwood 2 A2R13 CDE 20080401 05/07/2008 07:26:53

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
39	97	2.31	0	PCT	27	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	123	H
25	108	2.06	0	PCT	27	P2	AV1	.00						TEC	TEH	.610	SBACC	125	H
43	37	2.17	0	PCT	28	P2	AV3	.17						TEC	TEH	.610	ZBAZC	85	H
40	82	2.38	0	PCT	28	P2	AV3	.00						TEC	TEH	.610	ZBAZC	113	H
33	14	2.54	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
39	96	2.38	0	PCT	29	P2	AV3	-.13						TEC	TEH	.610	SBACC	125	H
43	37	2.56	0	PCT	30	P2	AV2	.05						TEC	TEH	.610	ZBAZC	85	H
37	38	2.80	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	SBACC	95	H
41	55	2.66	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	ZBAZC	105	H
37	38	2.97	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	95	H
35	15	3.90	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
41	45	3.98	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	ZBAZC	101	H
43	67	3.88	0	PCT	36	P2	AV2	-.02						TEC	TEH	.610	ZBAZC	109	H
43	67	3.82	0	PCT	36	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	109	H
32	70	4.43	0	PCT	38	P2	AV3	.00						TEC	TEH	.610	ZBAZC	107	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 51 Records: 97

SG - C ANTI-VIBRATION BAR WEAR INDICATIONS

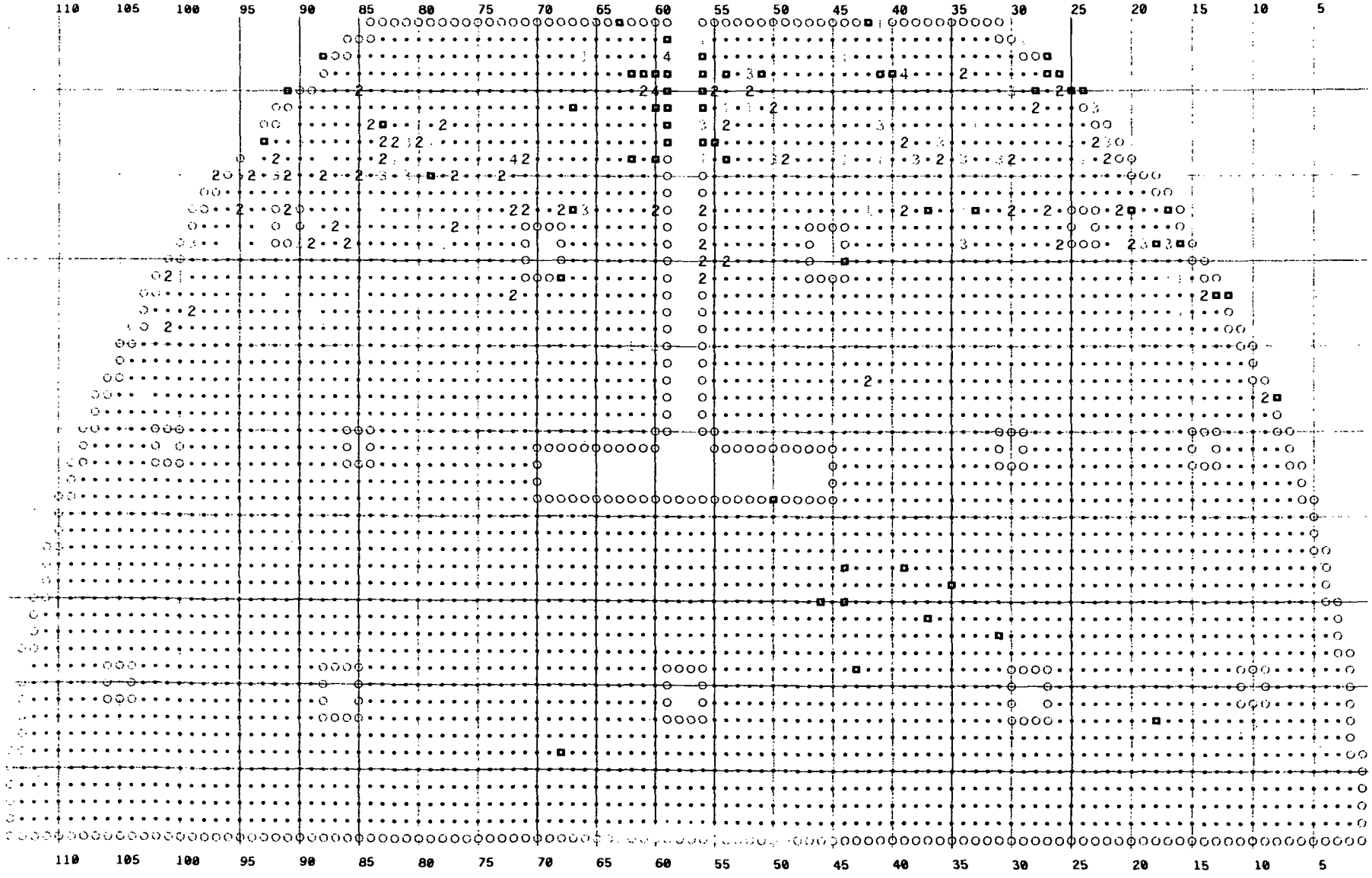
Largest Percent Indication Per Tube
Braidwood A2R13 CDE D5

2 58 20% to 29%

3 26 30% to 39%

4 4 40% to 49%

▫ 60 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
46	39	5.31	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	159	H
47	59	5.79	0	PID		P2	AV2	-.03						TEC	TEH	.610	SBACC	159	H
45	60	4.99	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	159	H
41	72	4.58	0	PID		P2	AV3	-.12						TEC	TEH	.610	SBACC	159	H
46	55	.70	0	PCT	10	P2	AV3	.00						TEC	TEH	.610	SBACC	123	H
34	17	.61	0	PCT	11	P2	AV1	.00						TEC	TEH	.610	SBACC	113	H
48	29	.73	0	PCT	11	P2	AV4	.00						TEC	TEH	.610	SBACC	123	H
49	41	.65	0	PCT	11	P2	AV1	.06						TEC	TEH	.610	SBACC	115	H
27	103	.86	0	PCT	11	P2	AV2	-.03						TEC	TEH	.610	SBACC	137	H
41	56	.68	0	PCT	12	P2	AV1	.00						TEC	TEH	.610	SBACC	121	H
40	94	.75	0	PCT	12	P2	AV2	.08						TEC	TEH	.610	SBACC	131	H
41	31	.85	0	PCT	13	P2	AV4	-.10						TEC	TEH	.610	SBACC	115	H
41	41	.84	0	PCT	13	P2	AV4	.12						TEC	TEH	.610	SBACC	115	H
41	44	.82	0	PCT	13	P2	AV2	.15						TEC	TEH	.610	SBACC	115	H
48	56	.86	0	PCT	13	P2	AV1	.00						TEC	TEH	.610	SBACC	123	H
33	72	.87	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	SBACC	127	H
37	93	.70	0	PCT	13	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
32	16	.91	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	SBACC	111	H
34	16	.90	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	SBACC	111	H
44	23	.93	0	PCT	14	P2	AV4	-.10						TEC	TEH	.610	SBACC	115	H
41	41	.93	0	PCT	14	P2	AV3	.08						TEC	TEH	.610	SBACC	115	H
46	89	.81	0	PCT	14	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
33	92	.99	0	PCT	14	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
36	96	.98	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
36	99	.93	0	PCT	14	P2	AV1	.00						TEC	TEH	.610	SBACC	131	H
34	101	.91	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
41	22	1.00	0	PCT	15	P2	AV2	.05						TEC	TEH	.610	SBACC	115	H
41	36	.94	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	SBACC	115	H
41	50	.94	0	PCT	15	P2	AV1	-.03						TEC	TEH	.610	SBACC	115	H
44	50	.99	0	PCT	15	P2	AV2	.10						TEC	TEH	.610	SBACC	117	H
45	53	.98	0	PCT	15	P2	AV1	.32						TEC	TEH	.610	SBACC	115	H
44	54	.97	0	PCT	15	P2	AV3	.10						TEC	TEH	.610	SBACC	117	H
43	55	.96	0	PCT	15	P2	AV2	.05						TEC	TEH	.610	SBACC	115	H
30	62	.96	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	135	H
43	78	1.06	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
42	83	.92	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
38	84	1.00	0	PCT	15	P2	AV3	-.08						TEC	TEH	.610	SBACC	131	H
37	87	.89	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
41	88	1.01	0	PCT	15	P2	AV1	-.05						TEC	TEH	.610	SBACC	131	H
42	90	.99	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	SBACC	131	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	91	.89	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
40	92	1.03	0	PCT	15	P2	AV4	.00						TEC	TEH	.610	SBACC	131	H
31	102	.80	0	PCT	15	P2	AV2	.00						TEC	TEH	.610	SBACC	137	H
44	23	1.08	0	PCT	16	P2	AV1	-.03						TEC	TEH	.610	SBACC	115	H
41	24	1.04	0	PCT	16	P2	AV3	.08						TEC	TEH	.610	SBACC	115	H
45	26	1.06	0	PCT	16	P2	AV4	.21						TEC	TEH	.610	SBACC	115	H
44	28	1.06	0	PCT	16	P2	AV2	.23						TEC	TEH	.610	SBACC	117	H
45	53	1.08	0	PCT	16	P2	AV3	.13						TEC	TEH	.610	SBACC	115	H
42	80	1.16	0	PCT	16	P2	AV4	.06						TEC	TEH	.610	SBACC	131	H
37	87	.95	0	PCT	16	P2	AV1	-.06						TEC	TEH	.610	SBACC	133	H
41	88	1.12	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
41	92	1.12	0	PCT	16	P2	AV4	-.06						TEC	TEH	.610	SBACC	131	H
42	94	1.09	0	PCT	16	P2	AV4	.03						TEC	TEH	.610	SBACC	131	H
36	95	.99	0	PCT	16	P2	AV3	.19						TEC	TEH	.610	SBACC	133	H
36	21	.95	0	PCT	17	P2	AV3	-.24						TEC	TEH	.610	SBACC	121	H
42	36	1.05	0	PCT	17	P2	AV2	.03						TEC	TEH	.610	SBACC	117	H
38	42	.97	0	PCT	17	P2	AV1	-.28						TEC	TEH	.610	SBACC	121	H
47	44	1.18	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	115	H
44	52	1.12	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	117	H
44	52	1.16	0	PCT	17	P2	AV3	.15						TEC	TEH	.610	SBACC	117	H
45	52	1.15	0	PCT	17	P2	AV1	.13						TEC	TEH	.610	SBACC	115	H
47	66	1.30	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	127	H
42	79	1.05	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
43	80	1.20	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
42	81	1.03	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	133	H
41	82	1.22	0	PCT	17	P2	AV2	.10						TEC	TEH	.610	SBACC	131	H
41	83	1.07	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	SBACC	133	H
45	85	1.05	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
41	88	1.22	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
36	93	1.09	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
36	93	1.08	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
37	93	1.06	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
40	97	1.09	0	PCT	17	P2	AV3	.35						TEC	TEH	.610	SBACC	133	H
36	99	1.21	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
36	99	1.22	0	PCT	17	P2	AV4	.00						TEC	TEH	.610	SBACC	131	H
34	17	1.23	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	113	H
36	19	1.03	0	PCT	18	P2	AV4	.06						TEC	TEH	.610	SBACC	121	H
41	30	1.26	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	SBACC	115	H
45	30	1.22	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	115	H
43	33	1.29	0	PCT	18	P2	AV2	.23						TEC	TEH	.610	SBACC	115	H
41	50	1.33	0	PCT	18	P2	AV2	.03						TEC	TEH	.610	SBACC	115	H
38	60	1.02	0	PCT	18	P2	AV4	-.22						TEC	TEH	.610	SBACC	125	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	61	1.23	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	129	H
42	79	1.12	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
42	80	1.33	0	PCT	18	P2	AV2	-.03						TEC	TEH	.610	SBACC	131	H
32	89	1.17	0	PCT	18	P2	AV2	.03						TEC	TEH	.610	SBACC	133	H
37	89	1.11	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
36	90	1.28	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	131	H
40	95	1.11	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
36	96	1.26	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
31	102	1.45	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	SBACC	137	H
38	34	1.12	0	PCT	19	P2	AV2	-.18						TEC	TEH	.610	SBACC	121	H
41	36	1.41	0	PCT	19	P2	AV3	-.03						TEC	TEH	.610	SBACC	115	H
38	39	1.17	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	SBACC	121	H
47	59	1.19	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	SBACC	125	H
45	60	1.36	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	123	H
38	66	1.51	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	127	H
36	78	1.40	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
40	83	1.25	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	SBACC	133	H
41	83	1.26	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
33	85	1.21	0	PCT	19	P2	AV3	-.07						TEC	TEH	.610	SBACC	133	H
40	88	1.48	0	PCT	19	P2	AV2	.21						TEC	TEH	.610	SBACC	131	H
40	91	1.21	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
41	94	1.42	0	PCT	19	P2	AV3	-.10						TEC	TEH	.610	SBACC	131	H
38	95	1.24	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
34	100	1.41	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
27	9	1.41	0	PCT	20	P2	AV4	.00						TEC	TEH	.610	SBACC	113	H
27	9	1.43	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	SBACC	113	H
36	20	1.21	0	PCT	20	P2	AV4	-.23						TEC	TEH	.610	SBACC	121	H
41	30	1.47	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	SBACC	115	H
41	49	1.49	0	PCT	20	P2	AV1	.16						TEC	TEH	.610	SBACC	115	H
44	50	1.43	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	SBACC	117	H
43	54	1.54	0	PCT	20	P2	AV2	.15						TEC	TEH	.610	SBACC	115	H
45	55	1.50	0	PCT	20	P2	AV3	.13						TEC	TEH	.610	SBACC	115	H
37	77	1.35	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
43	78	1.55	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
41	83	1.31	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
36	86	1.58	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
38	91	1.32	0	PCT	20	P2	AV2	.02						TEC	TEH	.610	SBACC	133	H
40	95	1.36	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
33	14	1.60	0	PCT	21	P2	AV3	-.03						TEC	TEH	.610	SBACC	111	H
36	20	1.32	0	PCT	21	P2	AV3	-.05						TEC	TEH	.610	SBACC	121	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	25	1.45	0	PCT	21	P2	AV4	-.15						TEC	TEH	.610	SBACC	117	H
36	26	1.31	0	PCT	21	P2	AV2	-.05						TEC	TEH	.610	SBACC	121	H
45	26	1.65	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	SBACC	115	H
42	36	1.50	0	PCT	21	P2	AV4	.09						TEC	TEH	.610	SBACC	117	H
43	41	1.66	0	PCT	21	P2	AV1	.00						TEC	TEH	.610	SBACC	115	H
46	52	1.56	0	PCT	21	P2	AV3	.20						TEC	TEH	.610	SBACC	117	H
35	54	1.70	0	PCT	21	P2	AV1	.00						TEC	TEH	.610	SBACC	119	H
35	56	1.37	0	PCT	21	P2	AV2	-.03						TEC	TEH	.610	SBACC	121	H
36	56	1.40	0	PCT	21	P2	AV2	.08						TEC	TEH	.610	SBACC	121	H
45	61	1.49	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	SBACC	129	H
38	68	1.74	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	SBACC	127	H
38	72	1.71	0	PCT	21	P2	AV3	-.15						TEC	TEH	.610	SBACC	127	H
42	82	1.63	0	PCT	21	P2	AV3	-.08						TEC	TEH	.610	SBACC	131	H
36	86	1.69	0	PCT	21	P2	AV4	-.35						TEC	TEH	.610	SBACC	131	H
37	87	1.52	0	PCT	21	P2	AV2	-.08						TEC	TEH	.610	SBACC	133	H
42	90	1.57	0	PCT	21	P2	AV1	.03						TEC	TEH	.610	SBACC	131	H
40	91	1.43	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
40	94	1.71	0	PCT	21	P2	AV3	-.10						TEC	TEH	.610	SBACC	131	H
32	99	1.54	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	135	H
31	101	1.71	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	SBACC	137	H
38	21	1.49	0	PCT	22	P2	AV3	-.10						TEC	TEH	.610	SBACC	121	H
41	22	1.72	0	PCT	22	P2	AV4	.00						TEC	TEH	.610	SBACC	115	H
36	26	1.45	0	PCT	22	P2	AV3	-.13						TEC	TEH	.610	SBACC	121	H
38	27	1.52	0	PCT	22	P2	AV3	-.10						TEC	TEH	.610	SBACC	121	H
46	34	1.64	0	PCT	22	P2	AV4	.00						TEC	TEH	.610	SBACC	117	H
41	36	1.75	0	PCT	22	P2	AV2	.10						TEC	TEH	.610	SBACC	115	H
38	39	1.52	0	PCT	22	P2	AV3	-.08						TEC	TEH	.610	SBACC	121	H
42	39	1.58	0	PCT	22	P2	AV2	.15						TEC	TEH	.610	SBACC	117	H
47	59	1.47	0	PCT	22	P2	AV3	-.35						TEC	TEH	.610	SBACC	125	H
38	71	1.59	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	SBACC	129	H
40	81	1.63	0	PCT	22	P2	AV1	.00						TEC	TEH	.610	SBACC	133	H
43	84	1.74	0	PCT	22	P2	AV2	-.03						TEC	TEH	.610	SBACC	131	H
38	95	1.53	0	PCT	22	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
33	14	1.82	0	PCT	23	P2	AV2	.05						TEC	TEH	.610	SBACC	111	H
42	23	1.68	0	PCT	23	P2	AV3	.08						TEC	TEH	.610	SBACC	117	H
44	28	1.67	0	PCT	23	P2	AV3	.05						TEC	TEH	.610	SBACC	117	H
45	30	1.77	0	PCT	23	P2	AV2	-.18						TEC	TEH	.610	SBACC	115	H
41	31	1.86	0	PCT	23	P2	AV1	-.13						TEC	TEH	.610	SBACC	115	H
28	42	1.62	0	PCT	23	P2	AV3	-.23						TEC	TEH	.610	SBACC	121	H
45	55	1.87	0	PCT	23	P2	AV1	.13						TEC	TEH	.610	SBACC	115	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	56	1.86	0	PCT	23	P2	AV4	.00						TEC	TEH	.610	SBACC	123	H
33	72	2.00	0	PCT	23	P2	AV3	-.15						TEC	TEH	.610	SBACC	127	H
40	73	1.79	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	SBACC	129	H
42	81	1.66	0	PCT	23	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
37	87	1.73	0	PCT	23	P2	AV3	-.18						TEC	TEH	.610	SBACC	133	H
41	92	1.90	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
41	92	1.91	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
42	22	2.00	0	PCT	24	P2	AV4	.18						TEC	TEH	.610	SBACC	115	H
30	60	1.79	0	PCT	24	P2	AV3	-.17						TEC	TEH	.610	SBACC	125	H
45	61	1.93	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	SBACC	129	H
41	71	1.88	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	SBACC	129	H
40	77	1.88	0	PCT	24	P2	AV3	-.10						TEC	TEH	.610	SBACC	133	H
40	81	1.90	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
42	83	1.81	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
40	97	1.90	0	PCT	24	P2	AV4	.00						TEC	TEH	.610	SBACC	133	H
36	17	2.01	0	PCT	25	P2	AV3	.21						TEC	TEH	.610	SBACC	117	H
38	21	1.80	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	SBACC	121	H
43	54	2.05	0	PCT	25	P2	AV3	.08						TEC	TEH	.610	SBACC	115	H
37	77	1.96	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
40	85	2.02	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
36	89	1.91	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
40	92	2.17	0	PCT	25	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
34	101	2.10	0	PCT	25	P2	AV3	-.29						TEC	TEH	.610	SBACC	131	H
38	30	1.95	0	PCT	26	P2	AV2	.25						TEC	TEH	.610	SBACC	121	H
41	38	2.23	0	PCT	26	P2	AV3	.10						TEC	TEH	.610	SBACC	115	H
45	52	2.31	0	PCT	26	P2	AV3	.05						TEC	TEH	.610	SBACC	115	H
45	55	2.32	0	PCT	26	P2	AV2	.08						TEC	TEH	.610	SBACC	115	H
34	56	1.92	0	PCT	26	P2	AV1	.25						TEC	TEH	.610	SBACC	121	H
38	56	1.92	0	PCT	26	P2	AV3	-.15						TEC	TEH	.610	SBACC	121	H
38	60	2.09	0	PCT	26	P2	AV3	-.13						TEC	TEH	.610	SBACC	125	H
42	82	2.19	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
45	85	2.18	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
36	90	2.27	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
41	22	2.37	0	PCT	27	P2	AV3	-.03						TEC	TEH	.610	SBACC	115	H
38	30	2.14	0	PCT	27	P2	AV3	-.15						TEC	TEH	.610	SBACC	121	H
41	31	2.37	0	PCT	27	P2	AV3	.13						TEC	TEH	.610	SBACC	115	H
42	39	2.37	0	PCT	27	P2	AV3	.00						TEC	TEH	.610	SBACC	117	H
42	80	2.47	0	PCT	27	P2	AV3	-.25						TEC	TEH	.610	SBACC	131	H
33	14	2.51	0	PCT	28	P2	AV4	-.03						TEC	TEH	.610	SBACC	111	H
41	34	2.50	0	PCT	28	P2	AV2	.30						TEC	TEH	.610	SBACC	117	H
46	34	2.39	0	PCT	28	P2	AV2	.00						TEC	TEH	.610	SBACC	117	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	39	2.51	0	PCT	28	P2	AV2	.15						TEC	TEH	.610	SBACC	117	H
38	60	2.31	0	PCT	28	P2	AV2	.10						TEC	TEH	.610	SBACC	125	H
38	71	2.42	0	PCT	28	P2	AV3	.00						TEC	TEH	.610	SBACC	129	H
40	77	2.48	0	PCT	28	P2	AV2	.03						TEC	TEH	.610	SBACC	133	H
43	84	2.54	0	PCT	28	P2	AV3	-.15						TEC	TEH	.610	SBACC	131	H
36	86	2.54	0	PCT	28	P2	AV3	-.21						TEC	TEH	.610	SBACC	131	H
45	26	2.75	0	PCT	29	P2	AV3	.10						TEC	TEH	.610	SBACC	115	H
38	27	2.52	0	PCT	29	P2	AV2	.25						TEC	TEH	.610	SBACC	121	H
46	34	2.65	0	PCT	29	P2	AV3	.13						TEC	TEH	.610	SBACC	117	H
38	60	2.60	0	PCT	29	P2	AV1	.16						TEC	TEH	.610	SBACC	125	H
40	85	2.70	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
40	88	2.77	0	PCT	29	P2	AV3	-.03						TEC	TEH	.610	SBACC	131	H
42	22	2.81	0	PCT	30	P2	AV3	.05						TEC	TEH	.610	SBACC	115	H
36	34	2.59	0	PCT	30	P2	AV3	-.15						TEC	TEH	.610	SBACC	121	H
41	34	2.75	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	SBACC	117	H
41	72	2.95	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	SBACC	127	H
42	81	2.85	0	PCT	30	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
36	17	3.03	0	PCT	31	P2	AV2	.32						TEC	TEH	.610	SBACC	117	H
36	19	2.79	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	121	H
42	25	3.09	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	117	H
30	60	2.98	0	PCT	31	P2	AV1	.28						TEC	TEH	.610	SBACC	125	H
30	60	2.83	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	125	H
38	66	3.24	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	127	H
42	90	3.04	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	SBACC	131	H
42	25	3.25	0	PCT	32	P2	AV3	.00						TEC	TEH	.610	SBACC	117	H
41	31	3.13	0	PCT	32	P2	AV2	.15						TEC	TEH	.610	SBACC	115	H
41	50	3.29	0	PCT	32	P2	AV3	-.08						TEC	TEH	.610	SBACC	115	H
40	95	3.13	0	PCT	32	P2	AV2	.03						TEC	TEH	.610	SBACC	133	H
36	99	3.28	0	PCT	32	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
44	23	3.34	0	PCT	33	P2	AV2	.03						TEC	TEH	.610	SBACC	115	H
42	36	3.43	0	PCT	33	P2	AV3	.00						TEC	TEH	.610	SBACC	117	H
46	52	3.36	0	PCT	33	P2	AV4	.35						TEC	TEH	.610	SBACC	117	H
36	90	3.58	0	PCT	34	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
41	38	3.77	0	PCT	35	P2	AV2	.00						TEC	TEH	.610	SBACC	115	H
43	41	3.82	0	PCT	35	P2	AV3	-.03						TEC	TEH	.610	SBACC	115	H
43	56	3.77	0	PCT	35	P2	AV1	.00						TEC	TEH	.610	SBACC	123	H
40	92	3.94	0	PCT	35	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
45	30	3.92	0	PCT	36	P2	AV3	.10						TEC	TEH	.610	SBACC	115	H
40	81	4.07	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
42	81	4.05	0	PCT	36	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

SG - C ANTI-VIBRATION BAR WEAR INDICATIONS

Braidwood 2 A2R13 CDE 20080401 05/07/2008 07:26:56

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
42	90	3.99	0	PCT	36	P2	AV3	.00						TEC	TEH	.610	SBACC	131	H
36	19	4.22	0	PCT	37	P2	AV3	.00						TEC	TEH	.610	SBACC	121	H
44	23	4.15	0	PCT	37	P2	AV3	-.05						TEC	TEH	.610	SBACC	115	H
40	83	4.33	0	PCT	37	P2	AV2	.00						TEC	TEH	.610	SBACC	133	H
40	83	4.82	0	PCT	38	P2	AV3	.00						TEC	TEH	.610	SBACC	133	H
43	41	4.73	0	PCT	39	P2	AV2	.15						TEC	TEH	.610	SBACC	115	H
46	39	5.18	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	SBACC	117	H
45	60	4.99	0	PCT	40	P2	AV2	.00						TEC	TEH	.610	SBACC	123	H
41	72	5.02	0	PCT	40	P2	AV3	-.12						TEC	TEH	.610	SBACC	127	H
47	59	5.55	0	PCT	41	P2	AV2	-.03						TEC	TEH	.610	SBACC	125	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 130 Records: 253

SG - D ANTI-VIBRATION BAR WEAR INDICATIONS

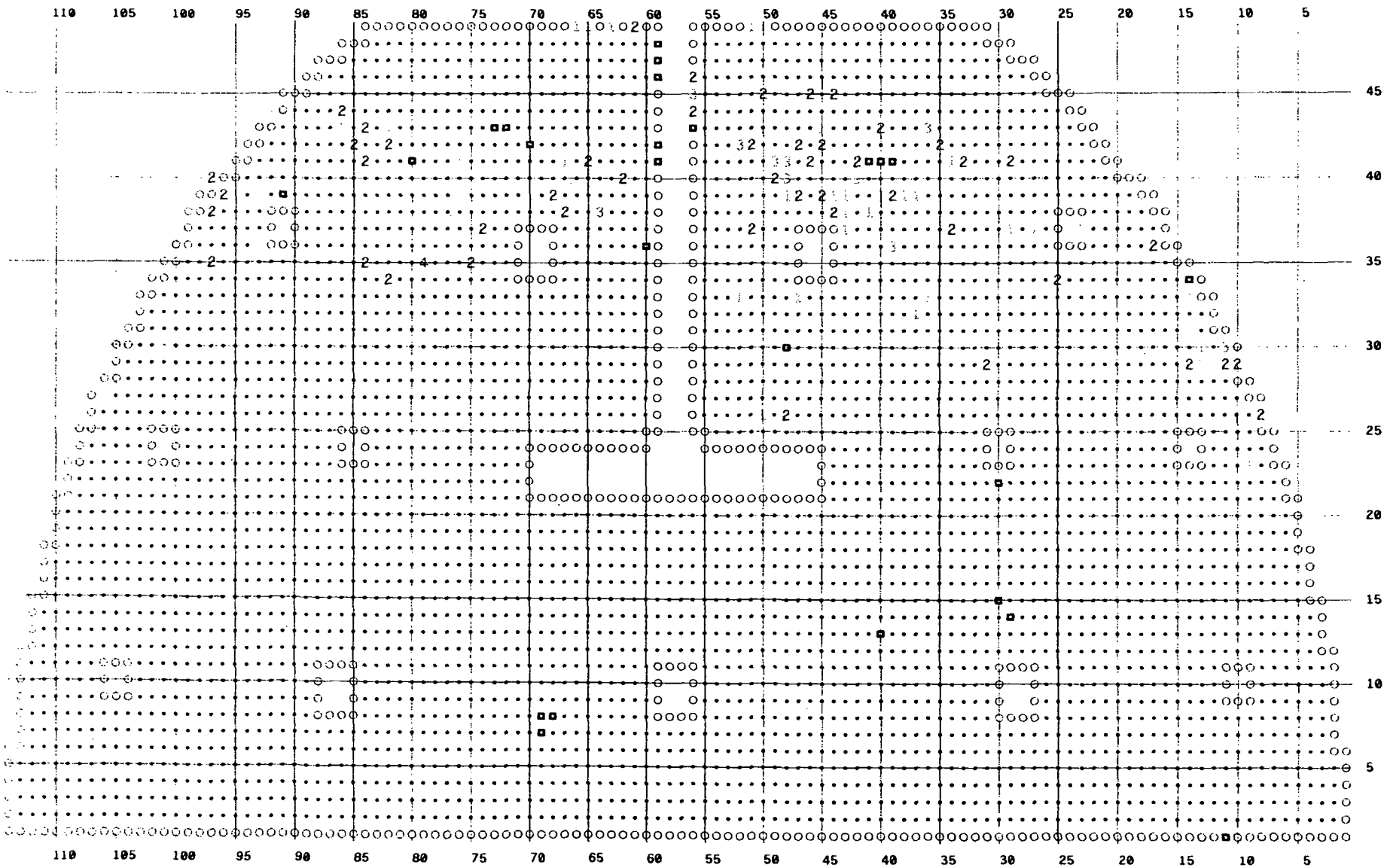
Largest Percent Indication Per Tube
Braidwood A2R13 CDE D5

2 47 20% to 29%

3 9 30% to 39%

4 1 40% to 49%

▫ 25 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
35	79	4.94	0	PID		P2	AV3	-.19						TEC	TEH	.610	SBACC	125	H
49	50	.83	0	PCT	12	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
49	63	.67	0	PCT	13	P2	AV4	-.03						TEC	TEH	.610	ZBAZC	81	H
31	14	.68	0	PCT	14	P2	AV1	.08						TEC	TEH	.610	ZBAZC	69	H
26	50	.77	0	PCT	14	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
41	76	.90	0	PCT	14	P2	AV2	.16						TEC	TEH	.610	ZBAZC	83	H
30	101	.83	0	PCT	14	P2	AV3	-.25						TEC	TEH	.610	ZBAZC	97	H
41	33	.79	0	PCT	15	P2	AV3	.06						TEC	TEH	.610	ZBAZC	69	H
39	44	.97	0	PCT	15	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
45	44	.92	0	PCT	15	P2	AV4	.08						TEC	TEH	.610	ZBAZC	75	H
45	56	1.19	0	PCT	15	P2	AV1	-.08						TEC	TEH	.610	ZBAZC	79	H
36	93	.93	0	PCT	15	P2	AV1	.03						TEC	TEH	.610	ZBAZC	97	H
39	95	.91	0	PCT	15	P2	AV3	.03						TEC	TEH	.610	ZBAZC	97	H
23	9	1.14	0	PCT	16	P2	AV4	.23						TEC	TEH	.610	ZBAZC	63	H
29	12	.87	0	PCT	16	P2	AV4	.06						TEC	TEH	.610	ZBAZC	69	H
29	13	.99	0	PCT	16	P2	AV2	-.27						TEC	TEH	.610	ZBAZC	71	H
30	13	1.04	0	PCT	16	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	71	H
33	14	.83	0	PCT	16	P2	AV2	.13						TEC	TEH	.610	ZBAZC	69	H
37	29	1.07	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	67	H
42	35	.91	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	73	H
39	37	.96	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	73	H
40	42	1.03	0	PCT	16	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	75	H
41	42	1.06	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
43	45	.95	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
33	47	.89	0	PCT	16	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
42	51	.94	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	77	H
49	51	.93	0	PCT	16	P2	AV4	.00						TEC	TEH	.610	ZBAZC	77	H
33	52	.91	0	PCT	16	P2	AV3	.05						TEC	TEH	.610	ZBAZC	77	H
40	62	.92	0	PCT	16	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
49	65	.84	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	81	H
49	66	.81	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	81	H
37	74	1.07	0	PCT	16	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	83	H
41	76	1.10	0	PCT	16	P2	AV3	.05						TEC	TEH	.610	ZBAZC	83	H
27	106	1.14	0	PCT	16	P2	AV1	.00						TEC	TEH	.610	ZBAZC	103	H
33	36	.91	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	69	H
37	43	.97	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
38	43	.98	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	73	H
39	43	.99	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	73	H
45	46	1.18	0	PCT	17	P2	AV4	-.13						TEC	TEH	.610	ZBAZC	75	H
39	47	1.03	0	PCT	17	P2	AV1	.00						TEC	TEH	.610	ZBAZC	73	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	48	1.12	0	PCT	17	P2	AV2	.18						TEC	TEH	.610	ZBAZC	75	H
41	49	.96	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
42	51	.96	0	PCT	17	P2	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
41	67	.90	0	PCT	17	P2	AV2	.35						TEC	TEH	.610	ZBAZC	81	H
39	68	1.17	0	PCT	17	P2	AV3	-.18						TEC	TEH	.610	ZBAZC	83	H
39	76	1.15	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	83	H
34	82	1.08	0	PCT	17	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	87	H
42	82	1.09	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
42	85	1.01	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	93	H
43	86	1.21	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
39	93	1.11	0	PCT	17	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
30	101	1.15	0	PCT	17	P2	AV2	.08						TEC	TEH	.610	ZBAZC	97	H
26	8	1.02	0	PCT	18	P2	AV4	.12						TEC	TEH	.610	ZBAZC	69	H
30	11	1.22	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	71	H
37	23	1.23	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	71	H
39	38	1.22	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
39	40	1.25	0	PCT	18	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
43	40	1.33	0	PCT	18	P2	AV1	.03						TEC	TEH	.610	ZBAZC	75	H
38	41	1.13	0	PCT	18	P2	AV3	.08						TEC	TEH	.610	ZBAZC	73	H
38	43	1.09	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
39	43	1.07	0	PCT	18	P2	AV1	.00						TEC	TEH	.610	ZBAZC	73	H
39	45	1.07	0	PCT	18	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
37	74	1.27	0	PCT	18	P2	AV1	.38						TEC	TEH	.610	ZBAZC	83	H
35	79	1.01	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	85	H
43	82	1.21	0	PCT	18	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	87	H
36	93	1.22	0	PCT	18	P2	AV3	.13						TEC	TEH	.610	ZBAZC	97	H
30	11	1.33	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	71	H
30	13	1.34	0	PCT	19	P2	AV3	-.47						TEC	TEH	.610	ZBAZC	71	H
37	27	1.38	0	PCT	19	P2	AV3	-.06						TEC	TEH	.610	ZBAZC	67	H
41	34	1.34	0	PCT	19	P2	AV3	-.06						TEC	TEH	.610	ZBAZC	71	H
32	37	1.30	0	PCT	19	P2	AV3	-.19						TEC	TEH	.610	ZBAZC	71	H
38	41	1.18	0	PCT	19	P2	AV2	.08						TEC	TEH	.610	ZBAZC	73	H
41	46	1.37	0	PCT	19	P2	AV2	.05						TEC	TEH	.610	ZBAZC	75	H
39	48	1.38	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
41	48	1.40	0	PCT	19	P2	AV3	-.24						TEC	TEH	.610	ZBAZC	75	H
45	50	1.58	0	PCT	19	P2	AV3	.21						TEC	TEH	.610	ZBAZC	79	H
44	56	1.63	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
41	67	1.06	0	PCT	19	P2	AV3	.51						TEC	TEH	.610	ZBAZC	81	H
39	70	1.37	0	PCT	19	P2	AV3	-.03						TEC	TEH	.610	ZBAZC	83	H
39	70	1.41	0	PCT	19	P2	AV2	-.08						TEC	TEH	.610	ZBAZC	83	H
44	92	1.37	0	PCT	19	P2	AV4	.00						TEC	TEH	.610	ZBAZC	95	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	96	1.34	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	ZBAZC	99	H
40	97	1.32	0	PCT	19	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
29	11	1.48	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	71	H
29	14	1.22	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	69	H
29	14	1.18	0	PCT	20	P2	AV3	.13						TEC	TEH	.610	ZBAZC	69	H
34	25	1.53	0	PCT	20	P2	AV2	.00						TEC	TEH	.610	ZBAZC	67	H
43	40	1.42	0	PCT	20	P2	AV4	.05						TEC	TEH	.610	ZBAZC	75	H
45	50	1.71	0	PCT	20	P2	AV1	.00						TEC	TEH	.610	ZBAZC	79	H
42	52	1.77	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
46	56	1.70	0	PCT	20	P2	AV2	-.11						TEC	TEH	.610	ZBAZC	79	H
37	74	1.54	0	PCT	20	P2	AV2	-.14						TEC	TEH	.610	ZBAZC	83	H
34	82	1.44	0	PCT	20	P2	AV2	-.43						TEC	TEH	.610	ZBAZC	87	H
42	82	1.39	0	PCT	20	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
40	97	1.48	0	PCT	20	P2	AV3	-.11						TEC	TEH	.610	ZBAZC	97	H
36	17	1.54	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	71	H
34	25	1.68	0	PCT	21	P2	AV3	.00						TEC	TEH	.610	ZBAZC	67	H
37	34	1.53	0	PCT	21	P2	AV2	-.22						TEC	TEH	.610	ZBAZC	71	H
37	34	1.53	0	PCT	21	P2	AV3	-.27						TEC	TEH	.610	ZBAZC	71	H
41	42	1.60	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	75	H
45	44	1.55	0	PCT	21	P2	AV2	.03						TEC	TEH	.610	ZBAZC	75	H
42	45	1.47	0	PCT	21	P2	AV4	2.61						TEC	TEH	.610	ZBAZC	73	H
40	62	1.37	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
35	84	1.53	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	87	H
44	86	1.73	0	PCT	21	P2	AV2	.00						TEC	TEH	.610	ZBAZC	95	H
38	97	1.51	0	PCT	21	P2	AV2	.05						TEC	TEH	.610	ZBAZC	97	H
26	8	1.41	0	PCT	22	P2	AV1	.11						TEC	TEH	.610	ZBAZC	69	H
41	29	1.65	0	PCT	22	P2	AV3	-.20						TEC	TEH	.610	ZBAZC	71	H
29	31	1.49	0	PCT	22	P2	AV3	.03						TEC	TEH	.610	ZBAZC	69	H
39	39	1.47	0	PCT	22	P2	AV2	-.11						TEC	TEH	.610	ZBAZC	73	H
43	40	1.80	0	PCT	22	P2	AV2	.16						TEC	TEH	.610	ZBAZC	75	H
40	49	1.49	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
49	61	2.01	0	PCT	22	P2	AV1	.24						TEC	TEH	.610	ZBAZC	79	H
39	68	1.74	0	PCT	22	P2	AV2	.36						TEC	TEH	.610	ZBAZC	83	H
35	84	1.65	0	PCT	22	P2	AV4	.00						TEC	TEH	.610	ZBAZC	87	H
39	96	1.68	0	PCT	22	P2	AV2	.00						TEC	TEH	.610	ZBAZC	99	H
38	97	1.68	0	PCT	22	P2	AV3	.13						TEC	TEH	.610	ZBAZC	97	H
29	10	1.51	0	PCT	23	P2	AV2	.03						TEC	TEH	.610	ZBAZC	69	H
29	11	1.82	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	71	H
38	44	1.92	0	PCT	23	P2	AV3	-.16						TEC	TEH	.610	ZBAZC	75	H
40	48	1.92	0	PCT	23	P2	AV2	.08						TEC	TEH	.610	ZBAZC	75	H
42	51	1.56	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	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	POIA	PTYPE	CAL	L
44	56	2.11	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
35	75	1.64	0	PCT	23	P2	AV3	.00						TEC	TEH	.610	ZBAZC	81	H
41	84	1.83	0	PCT	23	P2	AV3	-.08						TEC	TEH	.610	ZBAZC	87	H
35	97	1.73	0	PCT	23	P2	AV2	.00						TEC	TEH	.610	ZBAZC	97	H
36	39	1.76	0	PCT	24	P2	AV3	-.50						TEC	TEH	.610	ZBAZC	73	H
43	40	1.98	0	PCT	24	P2	AV3	-.13						TEC	TEH	.610	ZBAZC	75	H
38	44	2.06	0	PCT	24	P2	AV2	-.16						TEC	TEH	.610	ZBAZC	75	H
39	45	1.72	0	PCT	24	P2	AV3	.09						TEC	TEH	.610	ZBAZC	73	H
39	47	1.76	0	PCT	24	P2	AV2	-.03						TEC	TEH	.610	ZBAZC	73	H
26	48	1.73	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
37	51	1.76	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
38	64	2.01	0	PCT	24	P2	AV2	.00						TEC	TEH	.610	ZBAZC	83	H
38	67	1.71	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	81	H
42	85	1.85	0	PCT	24	P2	AV3	.00						TEC	TEH	.610	ZBAZC	93	H
38	97	1.93	0	PCT	24	P2	AV1	-.03						TEC	TEH	.610	ZBAZC	97	H
29	10	1.83	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	69	H
43	36	2.10	0	PCT	25	P2	AV1	.05						TEC	TEH	.610	ZBAZC	75	H
45	44	2.17	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
45	46	2.15	0	PCT	25	P2	AV3	-.05						TEC	TEH	.610	ZBAZC	75	H
46	56	2.39	0	PCT	25	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
35	79	1.89	0	PCT	25	P2	AV2	.08						TEC	TEH	.610	ZBAZC	85	H
41	33	1.90	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	69	H
42	35	1.99	0	PCT	26	P2	AV2	.00						TEC	TEH	.610	ZBAZC	73	H
41	46	2.44	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	75	H
41	65	1.97	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	81	H
43	84	2.29	0	PCT	26	P2	AV3	.00						TEC	TEH	.610	ZBAZC	87	H
29	31	2.17	0	PCT	27	P2	AV4	.00						TEC	TEH	.610	ZBAZC	69	H
45	56	2.78	0	PCT	27	P2	AV2	.03						TEC	TEH	.610	ZBAZC	79	H
39	47	2.33	0	PCT	28	P2	AV3	.03						TEC	TEH	.610	ZBAZC	73	H
42	47	2.38	0	PCT	28	P2	AV3	-.09						TEC	TEH	.610	ZBAZC	73	H
45	50	3.25	0	PCT	29	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
40	48	3.07	0	PCT	30	P2	AV3	-.11						TEC	TEH	.610	ZBAZC	75	H
30	11	3.36	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	71	H
42	52	3.63	0	PCT	31	P2	AV2	.00						TEC	TEH	.610	ZBAZC	79	H
38	64	3.28	0	PCT	31	P2	AV3	.03						TEC	TEH	.610	ZBAZC	83	H
45	56	3.70	0	PCT	32	P2	AV3	.00						TEC	TEH	.610	ZBAZC	79	H
43	36	3.97	0	PCT	33	P2	AV3	-.11						TEC	TEH	.610	ZBAZC	75	H
41	48	4.03	0	PCT	34	P2	AV2	-.05						TEC	TEH	.610	ZBAZC	75	H
41	49	3.43	0	PCT	34	P2	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
36	39	3.69	0	PCT	35	P2	AV2	.18						TEC	TEH	.610	ZBAZC	73	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	POIA	PTYPE	CAL	L

SG - D ANTI-VIBRATION BAR WEAR INDICATIONS

Braidwood 2 A2R13 CDE 20080401 05/07/2008 07:26:56

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
35	79	5.08	0	PCT	40	P2	AV3	-.19						TEC	TEH	.610	ZBAZC	85	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 100 Records: 163

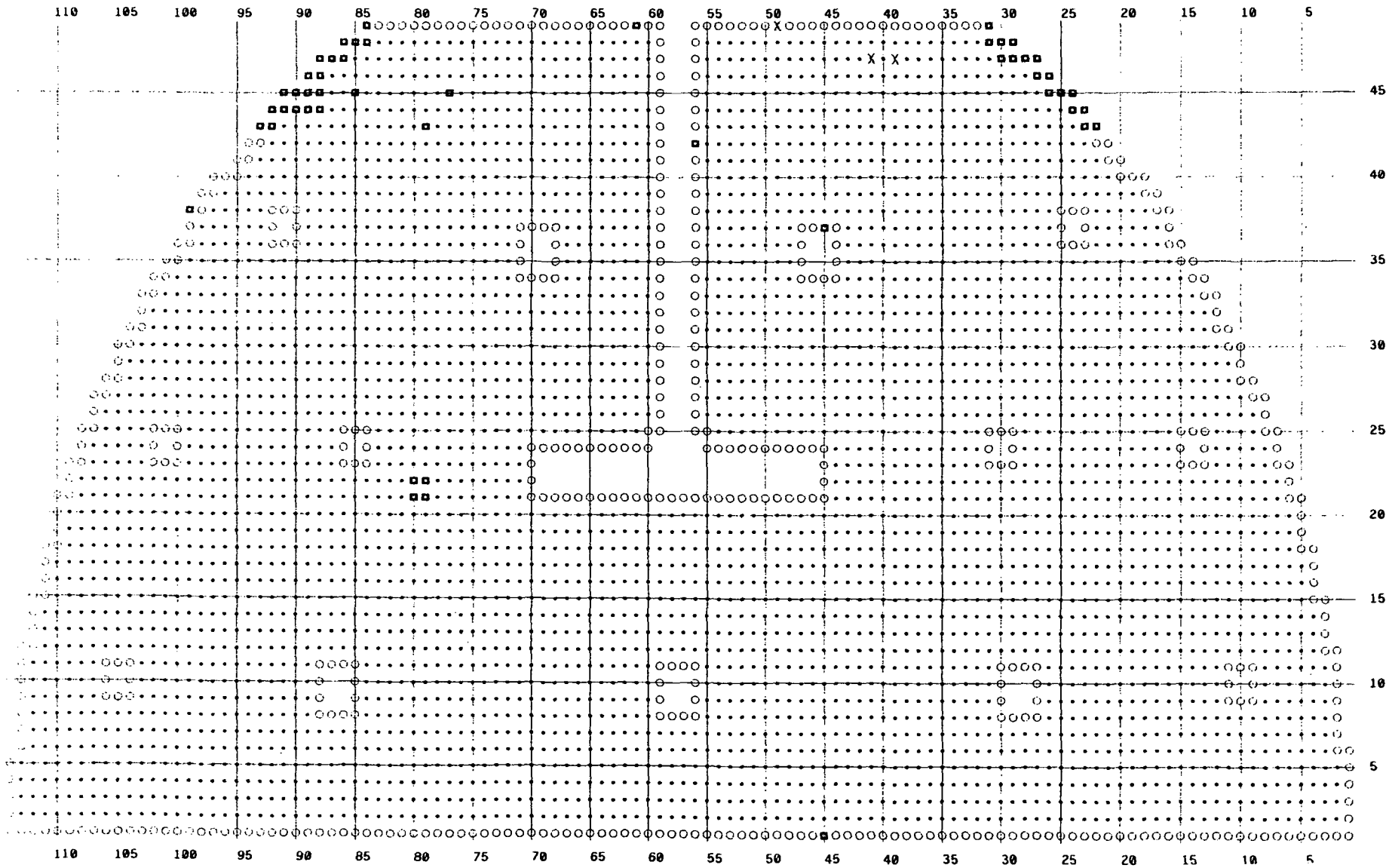
Attachment 3
Tubes Containing Pre-heater / Support Plate Wear

SG - B PREHEATER WEAR INDICATIONS

Braidwood A2R13 CDE D5

X 3 TUBE WITH WEAR INDICATION

▫ 49 PLUGGED TUBE



SG - B Preheater Wear Indications

Braidwood 2 A2R13 CDE 20080401 05/07/2008 10:10:00

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
47	39	.15	89	VOL		P4	03C	-.37						03C	03C	.610	ZPSNN	10	C
47	39			NDD										TEH	TEH	.610	ZPSNM	53	H
47	39	.64	0	RWS		P2	03C	-.48						TEC	TEH	.610	ZBAZC	97	H
47	39	.22	0	PCT	4	P5	03C	-.48						TEC	TEH	.610	SBACC	145	H
47	41	.10	120	VOL		P4	03C	.29						03C	03C	.610	ZPSNN	10	C
47	41			NDF		2	TEH	1.23						TEH	TEH	.610	ZPSNM	53	H
47	41	.47	0	RWS		P2	03C	.30						TEC	TEH	.610	ZBAZC	97	H
47	41	.22	0	PCT	4	P5	03C	.30						TEC	TEH	.610	SBACC	145	H
49	49			NDD										TEH	TSH	.610	ZPSNN	7	H
49	49	.19	98	VOL		P4	05C	-.46						05C	05C	.610	ZPSNN	10	C
49	49	1.89	180	INR		P1	AV2	.00						TEC	TEH	.610	ZBAZC	105	H
49	49	2.83	179	DNT		P1	AV3	.00						TEC	TEH	.610	ZBAZC	105	H
49	49	.66	0	RWS		P2	05C	-.22						TEC	TEH	.610	ZBAZC	105	H
49	49	.20	0	PCT	3	P5	05C	-.30						TEC	TEH	.610	SBACC	145	H

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

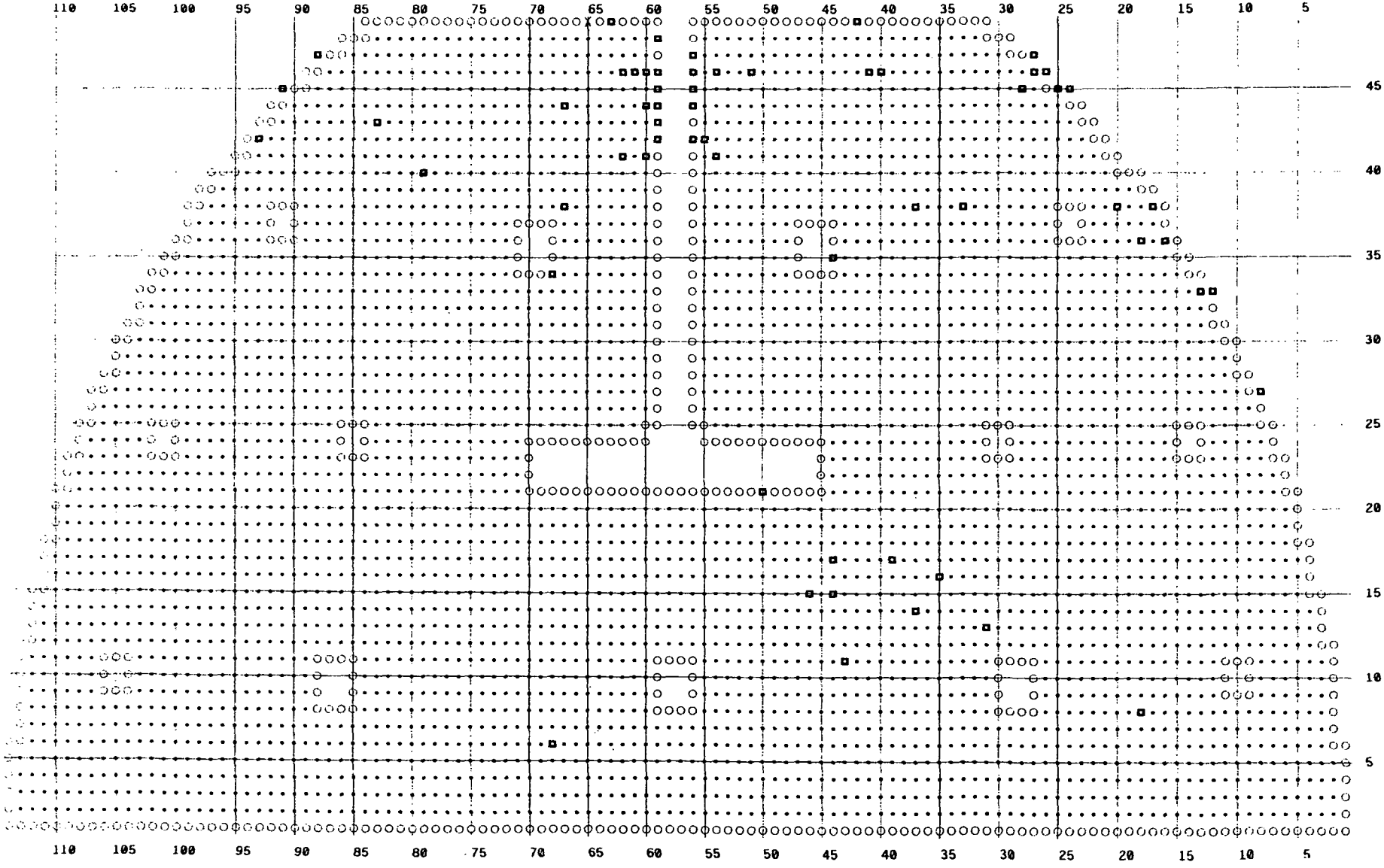
Tubes: 3 Records: 14

SG - C PREHEATER WEAR INDICATIONS

Braidwood A2R13 CDE D5

X 1 TUBE WITH WEAR INDICATION

▫ 60 PLUGGED TUBE



SG - C Preheater Wear Indications

Braidwood 2 A2R13 CDE 20080401 05/07/2008 10:10:02

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
49	65	.94	85	VOL		P4	07C	-.45						07C	07C	.610	ZPSNN	10	C
49	65			NDD										TEH	TEH	.610	ZPSNN	75	H
49	65	3.17	178	DNT		P1	AV4	.00						TEC	TEH	.610	SBACC	127	H
49	65	4.53	0	RWS		P2	07C	-.49						TEC	TEH	.610	SBACC	127	H
49	65	3.03	0	PCT	30	P6	07C	.00						TEC	TEH	.610	SBACC	159	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

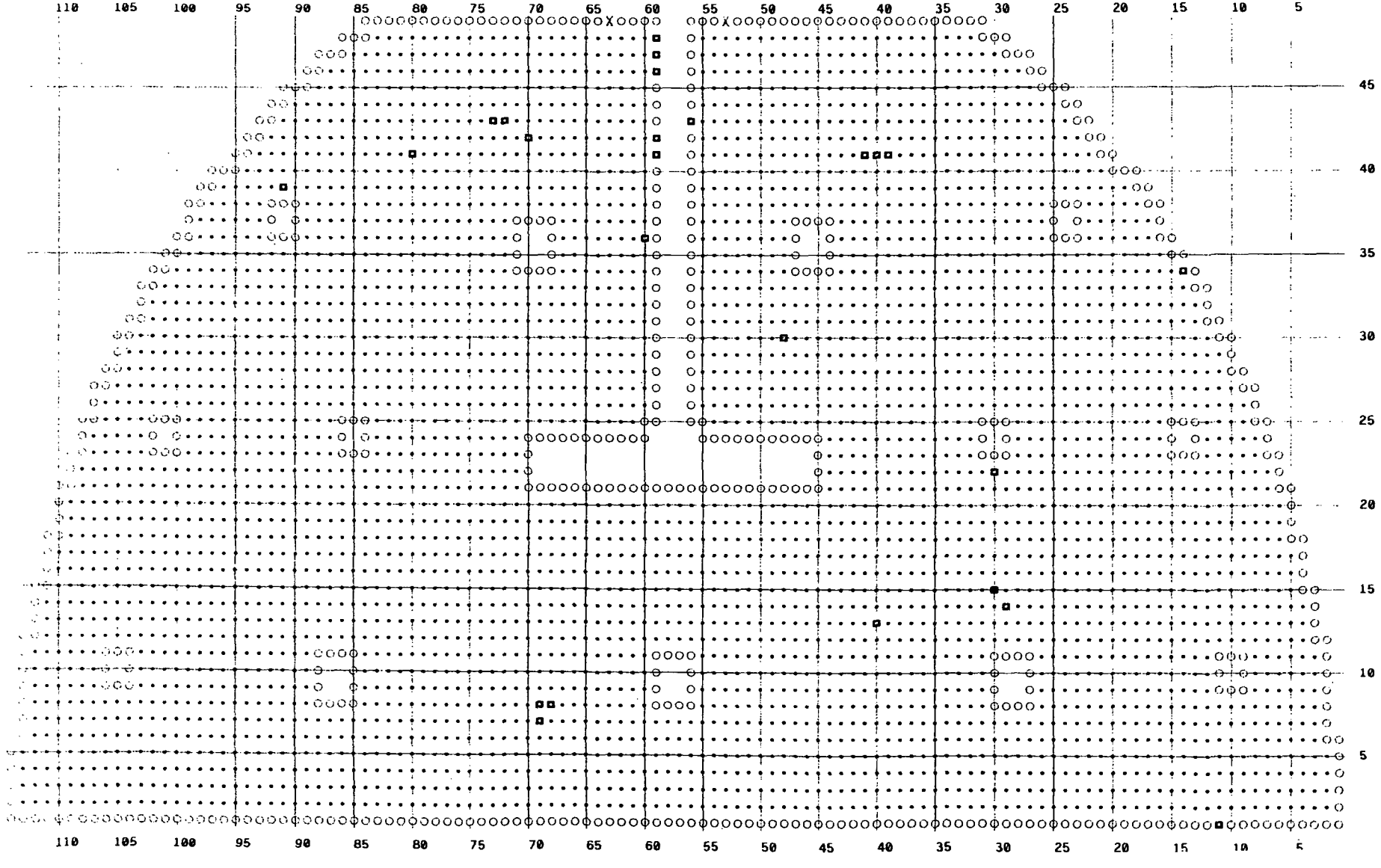
Tubes: 1 Records: 5

SG - D PREHEATER WEAR INDICATIONS

Braidwood A2R13 CDE D5

X 2 TUBE WITH WEAR INDICATION

▫ 25 PLUGGED TUBE



SG - D Preheater Wear Indications

Braidwood 2 A2R13 CDE 20080401 05/07/2008 10:10:03

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
49	53	.34	93	VOL		P4	07C	.11						07C	07C	.610	ZPSNN	2	C
49	53			NDD										TEH	TEH	.610	ZPSNN	47	H
49	53	5.94	183	DNT		P1	AV2	.00						TEC	TEH	.610	ZBAZC	77	H
49	53	6.25	185	DNT		P1	AV3	.00						TEC	TEH	.610	ZBAZC	77	H
49	53	1.91	0	RWS		P2	07C	.53						TEC	TEH	.610	ZBAZC	77	H
49	53	1.45	0	PCT	15	P6	07C	.00						TEC	TEH	.610	SBACC	127	H
49	63	.81	85	VOL		P4	07C	.24						07C	07C	.610	ZPSNN	2	C
49	63			NDF		2	TEH	.47						TEH	TSH	.610	ZPSNM	9	H
49	63	.67	0	PCT	13	P2	AV4	-.03						TEC	TEH	.610	ZBAZC	81	H
49	63	3.50	0	RWS		P2	07C	.56						TEC	TEH	.610	ZBAZC	81	H
49	63	3.00	0	PCT	30	P6	07C	.56						TEC	TEH	.610	SBACC	127	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 2 Records: 11

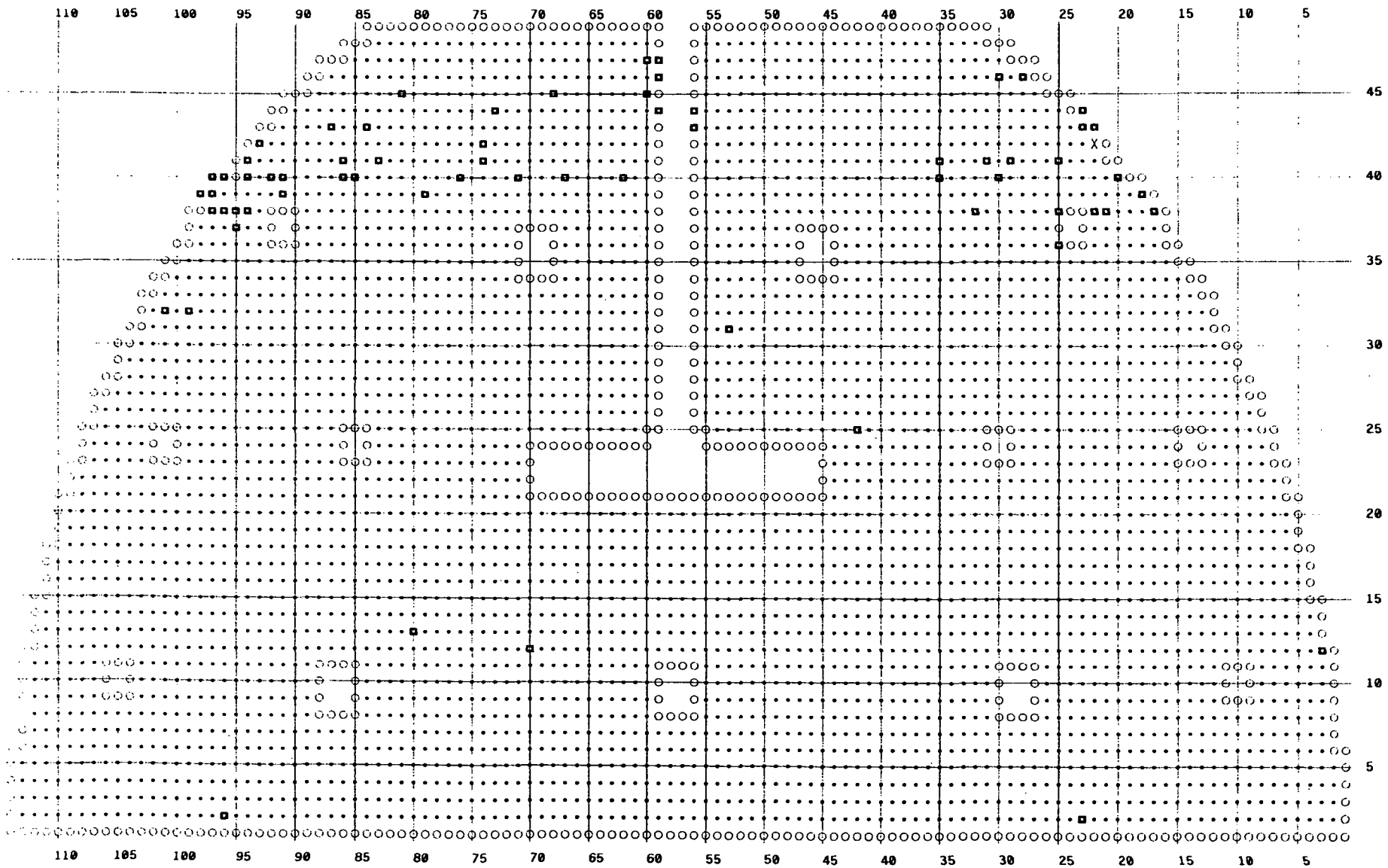
Attachment 4
Tubes Containing Foreign Object Wear

SG - A FOREIGN OBJECT WEAR CURRENT AND/OR HISTORY

Braidwood A2R13 CDE D5

X 1 FOREIGN OBJECT WEAR

▫ 66 PLUGGED TUBE



INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	42	22			RBD										02C	02C	.610	ZPSNN	12	C
	42	22			NDD										03C	03C	.610	ZPSNN	16	C
	42	22	.08	87	VOL		P4	02C	.65						02C	02C	.610	ZPSNN	16	C
	42	22	.11	249	PCT	14	2	02C	.67			.14	.34	51	02C	02C	.610	ZPSNN	16	C
	42	22			NDD										TEH	TEH	.610	ZPSNN	31	H
	42	22	1.99	73	MBM		6	06C	4.55						TEC	TEH	.610	ZBAZC	79	H
2006/10/01	42	22	.11	87	VOL		2	02C	.65						02C	02C	.610	ZPSNM	2	C
2006/10/01	42	22	.11	268	PCT	14	2	02C	.71			.16	.46	71	02C	02C	.610	ZPSNM	2	C
2006/10/01	42	22	.11	91	VOL		2	02C	.65						02C	02C	.610	ZPSNM	8	C
2006/10/01	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		0	.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
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

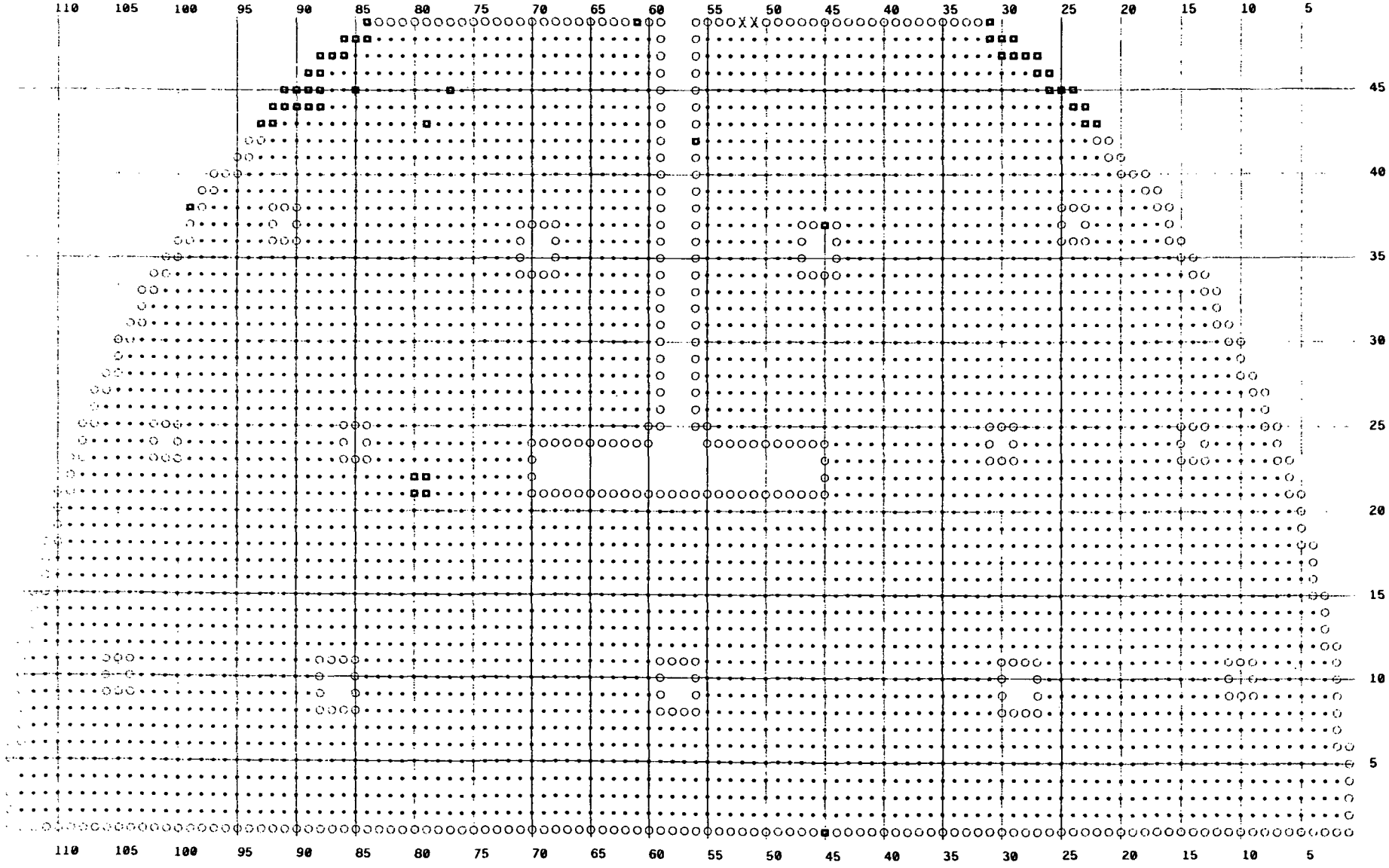
Tubes: 1 Records: 29

SG - B FOREIGN OBJECT WEAR IN THE CURRENT AND/OR HISTORY

Braidwood A2R13 CDE D5

X 2 FOREIN OBJECT WEAR

▫ 49 PLUGGED TUBE



INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	49	51	.21	59	PCT	21	2	TSC	.52			.30	.34	51	TSC	TSC	.610	ZPSNN	10	C
2006/10/01	49	51	.20	86	VOL		2	TSC	.57						TSC	TSC	.610	ZPSNM	2	C
2006/10/01	49	51	.19	74	PCT	21	2	TSC	.61			.30	.37	56	TSC	TSC	.610	ZPSNM	2	C
2006/10/01	49	51	2.89	186	DNT		P1	AV3	.00						TEC	TEH	.610	ZBAZC	25	H
2006/10/01	49	51	1.46	80	INR		6	07C	3.44						TEC	TEH	.610	ZBAZC	25	H
2006/10/01	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	.38			.12	.34	51	TSC	TSC	.610	ZPSNN	10	C
	49	52	.44	82	PCT	36	2	TSC	.94			.27	.42	64	TSC	TSC	.610	ZPSNN	10	C
2006/10/01	49	52	.23	252	PCT	23	2	TSC	.44			.19	.42	64	TSC	TSC	.610	ZPSNM	2	C
2006/10/01	49	52	.22	90	VOL		2	TSC	.49						TSC	TSC	.610	ZPSNM	2	C
2006/10/01	49	52	.45	83	PCT	36	2	TSC	.96			.30	.55	84	TSC	TSC	.610	ZPSNM	2	C
2006/10/01	49	52	.45	83	VOL		2	TSC	1.08						TSC	TSC	.610	ZPSNM	2	C
2006/10/01	49	52	2.60	180	DNT		P1	AV2	-.02						TEC	TEH	.610	ZBAZC	27	H
2006/10/01	49	52	2.78	180	DNT		P1	AV3	-.12						TEC	TEH	.610	ZBAZC	27	H
2006/10/01	49	52	2.17	179	DNT		P1	AV4	-.06						TEC	TEH	.610	ZBAZC	27	H
2006/10/01	49	52	.23	154	DFS		1	TSC	.50						TEC	TEH	.610	ZBAZC	27	H
2006/10/01	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

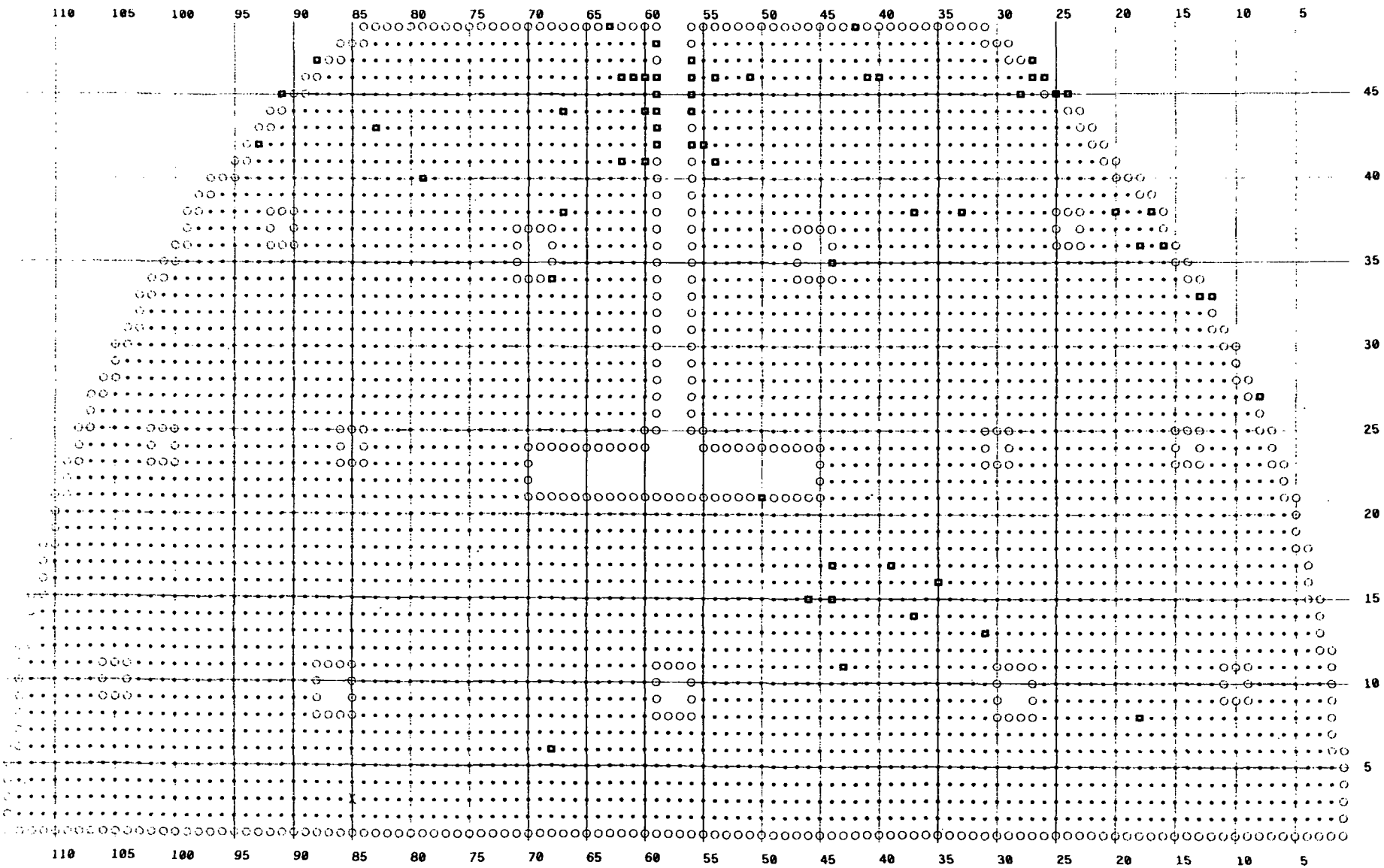
Tubes: 2 Records: 79

SG - C FOREIGN OBJECT WEAR IN THE CURRENT AND/OR HISTORY

Braidwood A2R13 CDE D5

X 1 FOREIGN OBJECT WEAR

▫ 60 PLUGGED TUBE



INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	3	85	.14	115	OFI		1	05C	2.96						11C	TEC	.610	SBACC	2	C
2006/10/01	3	85			NDD										11C	TEC	.610	TBATC	12	C
2006/10/01	3	85			NDD										TSH	TSH	.610	ZPSNM	77	H
2006/10/01	3	85			NDD										11C	TEH	.590	SBUCC	113	H
2005/04/01	3	85			NDD										11C	TEC	.610	ZBARH	8	C
2005/04/01	3	85			NDD										11H	TEH	.610	ZBARH	51	H
2005/04/01	3	85			NDD										11C	10H	.590	ZBUBJ	69	H
2003/11/01	3	85			NDD										11C	TEC	.610	RBARH	34	C
2003/11/01	3	85			NDD										11H	TEH	.610	RBARH	49	H
2003/11/01	3	85			NDD										11C	10H	.590	RBABJ	51	H
2000/10/01	3	85			NDD										TSH	TSH	.610	ZPANM	21	H
2000/10/01	3	85			NDD										11C	TEC	.610	MBARH	64	C
2000/10/01	3	85			NDD										11C	TEH	.610	MBART	65	H
1999/05/01	3	85			NDD										TEC	TEH	.610	MBALL	37	H
1997/10/01	3	85			NDD		1								TSH	TSH	.610	ZPSHF	66	H
1997/10/01	3	85			NDD		1								TSH	TSH	.610	ZPSHF	70	H
1997/10/01	3	85			NDD		1								TEC	TEH	.610	EBALL	103	H
1996/03/01	3	85			NDD		1								11H	TEH	.610	EBALL	21	H
1996/03/01	3	85			NDD		1								11C	09H	.590	EBAMB	31	H
1996/03/01	3	85			NDD		1								11C	TEC	.610	EBALL	38	C
1994/10/01	3	85			NDD		1								11H	TEC	.610	EBAMB	22	C
1994/10/01	3	85			NDD		1								11H	TEH	.610	EBAMB	61	H
1993/03/01	3	85			NDD		1								11C	TEH	.610	EBAMB	53	H
1991/10/01	3	85			NDD		1								11H	TSH	.610	ZBANM	53	H
1991/10/01	3	85			NDD		1								11C	TEH	.610	ZBANM	54	H
1991/10/01	3	85			NDD		1								11H	TEC	.610	EBAMB	75	C
1990/04/01	3	85			NDD		1								11C	TEH	.610	EBAMB	58	H
1990/04/01	3	85			NDD		1								11C	TEC	.610	EBAMB	62	C
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

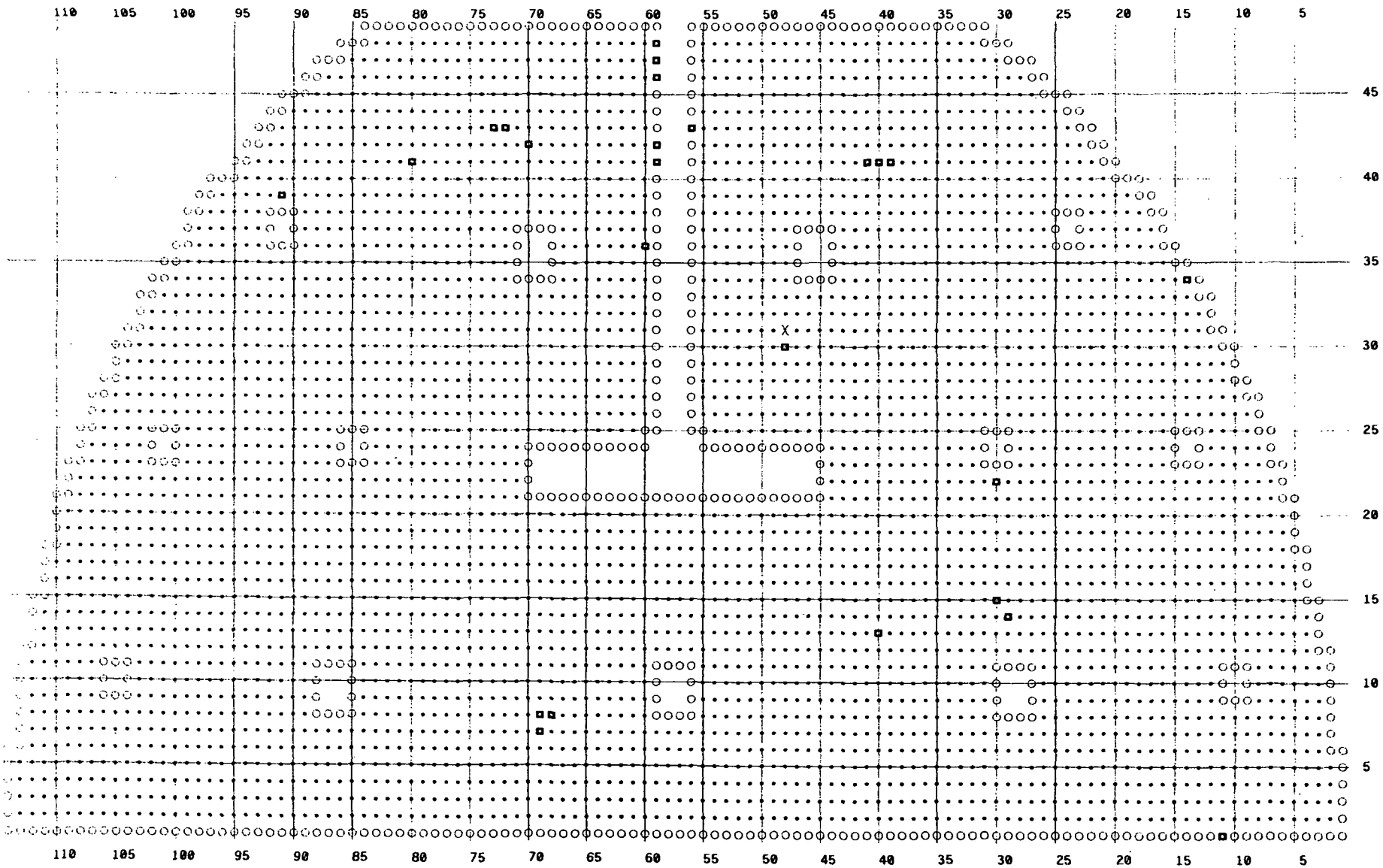
Tubes: 1 Records: 28

SG - D FOREIGN OBJECT WEAR IN THE CURRENT AND/OR HISTORY

Braidwood A2R13 CDE D5

X 1 FOREIGN OBJECT WEAR

▫ 25 PLUGGED TUBE



INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
	31	48			NDD										TEH	TEH	.610	ZPSNN	25	H
	31	48	.26	94	DSS		P1	01H	.41						TEC	TEH	.610	ZBAZC	77	H
	31	48	.04	83	VOL		P4	01H	.39						01H	01H	.610	ZPSNN	133	H
	31	48	.15	273	PCT	19	2	01H	.48			.19	.41	63	01H	01H	.610	ZPSNN	133	H
2006/10/01	31	48	.20	95	DSS		P1	01H	.47						TEC	TEH	.610	ZBAZC	31	H
2006/10/01	31	48			NDD										TSH	TSH	.610	ZPSNM	67	H
2006/10/01	31	48	.15	99	VOL		2	01H	.42						01H	01H	.610	ZPSNM	83	H
2006/10/01	31	48	.13	101	VOL		2	01H	.41						01H	01H	.610	ZPSNM	91	H
2006/10/01	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	H
1991/10/01	31	48			NDD		1								11C	TEH	.610	EBAFH	26	H
1990/04/01	31	48			NDD		1								TEC	TEH	.610	EBAMB	21	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: 28

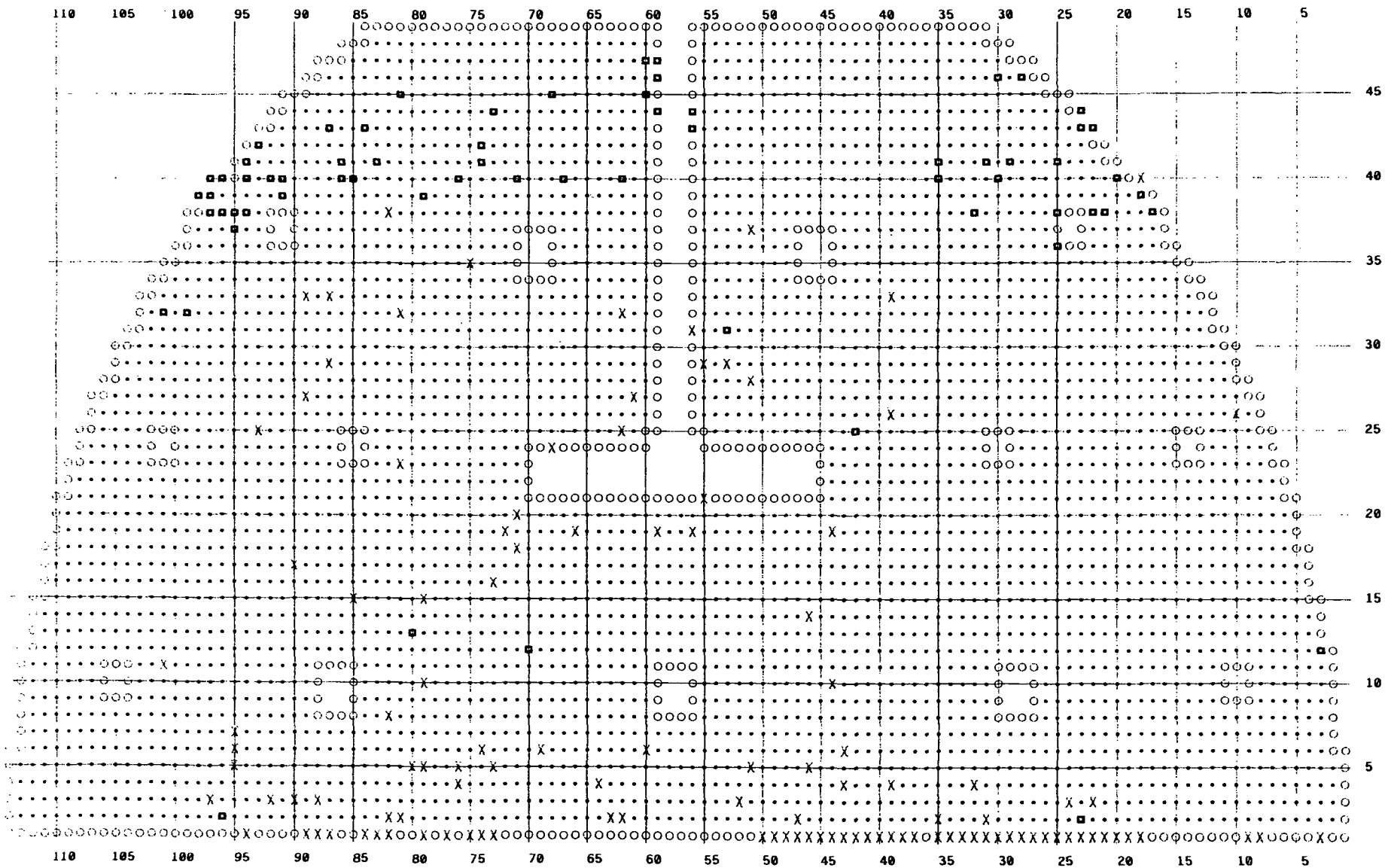
Attachment 5
Tubes Containing PWSCC Indications Within the Tubesheet

SG - A PWSCC Indications in Tubesheet

Braidwood A2R13 CDE D5

X 118 Tube with PWSCC Indication in Tubesheet

66 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	3	3.12	24	SAS		2	TEH	.02	.14		.12	.28	43	TEH	TEH	.610	ZPSNN	35	H
1	8	4.63	30	SAS		2	TEH	.03	.09		.15	.50	77	TEH	TEH	.610	ZPSNN	35	H
1	9	2.70	26	SAS		2	TEH	.06	.15		.09	.27	42	TEH	TEH	.610	ZPSNN	35	H
26	10	.99	60	SCS		P1	TEH	.14			.09	.22	34	TEH	TEH	.610	ZPSNN	31	H
1	18	4.10	30	SAS		2	TEH	.04	.15		.11	.33	50	TEH	TEH	.610	ZPSNM	25	H
40	18	1.85	43	SCS		P1	TEH	.08			.10	.25	39	TEH	TEH	.610	ZPSNM	29	H
1	19	4.36	26	SAS		2	TEH	.00	.16		.16	.18	27	TEH	TSH	.610	ZPSNN	7	H
1	20	1.80	30	SAS		2	TEH	.06	.17		.11	.43	66	TEH	TEH	.610	ZPSNM	25	H
1	21	2.84	31	SAS		2	TEH	.07	.18		.11	.34	51	TEH	TEH	.610	ZPSNM	25	H
1	22	1.24	31	SCI		P1	TEH	.06			.06	.98	149	TEH	TEH	.610	ZPSNM	25	H
3	22	5.83	35	SAS		2	TEH	.06	.18		.11	.39	59	TEH	TEH	.610	ZPSNM	25	H
1	23	8.91	34	SCI		P1	TEH	.11			.14	.84	129	TEH	TEH	.610	ZPSNM	25	H
1	24	4.62	29	SAS		2	TEH	.02	.13		.11	.21	32	TEH	TEH	.610	ZPSNM	25	H
1	24	5.50	33	SCS		P1	TEH	.04			.14	.49	76	TEH	TEH	.610	ZPSNM	25	H
3	24	2.13	20	SAS		2	TEH	.05	.16		.11	.25	39	TEH	TEH	.610	ZPSNM	25	H
1	25	3.78	26	SAS		2	TEH	.01	.12		.11	.32	48	TEH	TEH	.610	ZPSNM	25	H
1	26	4.40	41	MCI		P1	TEH	.09			.17	.84	129	TEH	TEH	.610	ZPSNM	25	H
1	27	7.85	36	SAS		2	TEH	.07	.21		.14	.37	56	TEH	TEH	.610	ZPSNM	25	H
1	27	4.62	40	SCS		P1	TEH	.15			.11	.34	51	TEH	TEH	.610	ZPSNM	25	H
1	28	9.19	45	SCI		P1	TEH	.00	.20		.20	1.38	211	TEH	TSH	.610	ZPSNN	7	H
1	29	3.50	39	SAS		2	TEH	.00	.14		.14	.35	53	TEH	TEH	.610	ZPSNM	25	H
1	29	3.30	42	SAS		2	TEH	.02	.14		.11	.36	55	TEH	TEH	.610	ZPSNM	25	H
1	29	14.59	40	SCS		P1	TEH	.05			.23	.54	82	TEH	TEH	.610	ZPSNM	25	H
1	30	2.04	27	SAS		2	TEH	.00	.16		.16	.17	26	TEH	TSH	.610	ZPSNN	7	H
1	31	4.95	37	SCS		P1	TEH	.10			.14	.55	84	TEH	TEH	.610	ZPSNM	25	H
2	31	2.29	29	SAS		2	TEH	.07	.18		.11	.45	69	TEH	TEH	.610	ZPSNM	25	H
1	32	5.54	29	SAS		2	TEH	.02	.11		.09	.49	76	TEH	TEH	.610	ZPSNM	25	H
1	32	3.32	37	SAS		2	TEH	.03	.14		.11	.44	67	TEH	TEH	.610	ZPSNM	25	H
4	32	1.84	30	SAS		2	TEH	.05	.14		.09	.33	50	TEH	TEH	.610	ZPSNN	27	H
1	33	5.06	29	SAS		2	TEH	.00	.15		.15	.40	61	TEH	TEH	.610	ZPSNM	21	H
1	33	3.60	30	SCS		P1	TEH	.00	.18		.18	.44	67	TEH	TEH	.610	ZPSNM	21	H
1	34	2.70	35	SAS		2	TEH	.00	.16		.16	.19	29	TEH	TSH	.610	ZPSNN	7	H
1	34	9.12	32	SAS		2	TEH	.00	.20		.20	.28	43	TEH	TSH	.610	ZPSNN	7	H
1	35	8.32	29	SAS		2	TEH	.00	.15		.15	.43	66	TEH	TEH	.610	ZPSNM	21	H
1	35	5.30	39	SCS		P1	TEH	.00	.12		.12	.43	66	TEH	TEH	.610	ZPSNM	21	H
2	35	4.68	34	SAS		2	TEH	.00	.15		.15	.28	43	TEH	TEH	.610	ZPSNM	21	H
1	37	4.35	32	SAS		2	TEH	.00	.18		.18	1.24	190	TEH	TEH	.610	ZPSNM	21	H
1	37	2.42	41	SCS		P1	TEH	.14	.29		.15	.44	68	TEH	TEH	.610	ZPSNM	21	H
1	38	7.77	35	SAS		2	TEH	.00	.21		.21	.53	80	TEH	TEH	.610	ZPSNM	21	H
1	38	4.30	41	SAS		2	TEH	.00	.21		.21	.35	53	TEH	TEH	.610	ZPSNM	21	H
1	38	1.91	34	SCS		P1	TEH	.20	.32		.12	.45	69	TEH	TEH	.610	ZPSNM	21	H
1	39	7.10	38	SCS		P1	TEH	.00	.12		.21	.49	76	TEH	TEH	.610	ZPSNM	21	H
1	39	10.31	33	SAS		2	TEH	.00	.21		.21	.34	51	TEH	TEH	.610	ZPSNM	21	H
4	39	1.69	31	SCS		P1	TEH	.07	.19		.12	.20	31	TEH	TEH	.610	ZPSNM	21	H
26	39	1.79	30	SAS		2	TEH	.08	.19		.11	.33	50	TEH	TEH	.610	ZPSNM	25	H
33	39	2.82	36	SAS		2	TEH	.00	.16		.16	.16	24	TEH	TSH	.610	ZPSNN	7	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	40	6.16	25	SAS		2	TEH	.00	.18		.18	.41	63	TEH	TEH	.610	ZPSNM	21	H
1	40	3.60	39	SAS		2	TEH	.00	.18		.18	.38	58	TEH	TEH	.610	ZPSNM	21	H
1	40	4.51	40	SCS		P1	TEH	.03	.18		.15	.34	51	TEH	TEH	.610	ZPSNM	21	H
1	41	7.51	42	SAS		2	TEH	.00	.24		.24	.41	63	TEH	TEH	.610	ZPSNM	21	H
1	41	9.76	34	SAS		2	TEH	.00	.21		.21	.28	43	TEH	TEH	.610	ZPSNM	21	H
1	41	10.20	39	SCS		P1	TEH	.07	.34		.27	.50	77	TEH	TEH	.610	ZPSNM	21	H
1	42	4.55	36	SCS		P1	TEH	.04	.13		.09	.50	77	TEH	TSH	.610	ZPSNM	1	H
1	43	1.48	22	SAS		2	TEH	.00	.16		.16	.17	26	TEH	TSH	.610	ZPSNM	1	H
4	43	2.17	24	SAS		2	TEH	.00	.15		.15	.15	22	TEH	TSH	.610	ZPSNN	3	H
6	43	1.30	40	SCS		P1	TEH	.04	.16		.12	.26	40	TEH	TSH	.610	ZPSNN	3	H
6	43	.94	43	SCS		P1	TEH	.05	.17		.12	.23	35	TEH	TSH	.610	ZPSNN	3	H
1	44	10.06	38	SCI		P1	TEH	.00	.12		.12	.67	103	TEH	TEH	.610	ZPSNM	21	H
1	44	5.12	32	SAS		2	TEH	.00	.15		.15	.60	92	TEH	TEH	.610	ZPSNM	21	H
10	44	4.68	37	SAS		2	TEH	.00	.18		.18	.34	51	TEH	TEH	.610	ZPSNM	21	H
19	44	1.92	28	SAS		2	TEH	.20	.35		.15	.58	88	TEH	TEH	.610	ZPSNM	21	H
1	45	3.91	52	MCI		P1	TEH	.00	.12		.12	.80	122	TEH	TEH	.610	ZPSNM	21	H
1	46	2.52	211	MCI		P1	TEH	.00	.12		.12	.72	109	TEH	TEH	.610	ZPSNM	21	H
5	46	2.54	30	SAS		2	TEH	.00	.12		.12	.23	35	TEH	TEH	.610	ZPSNM	21	H
14	46	1.92	29	SAS		2	TEH	.00	.18		.18	.28	43	TEH	TEH	.610	ZPSNM	21	H
14	46	1.21	27	SAS		2	TEH	.21	.36		.15	.33	50	TEH	TEH	.610	ZPSNM	21	H
1	47	7.84	27	SAS		2	TEH	.00	.21		.21	.24	37	TEH	TEH	.610	ZPSNM	21	H
1	47	5.99	44	SCI		P1	TEH	.15	.36		.21	.54	82	TEH	TEH	.610	ZPSNM	21	H
1	47	.59	38	SCI		P1	TEH	.20	.32		.12	.28	43	TEH	TEH	.610	ZPSNM	21	H
2	47	8.30	35	SAS		2	TEH	.05	.20		.15	.35	53	TEH	TEH	.610	ZPSNN	23	H
1	48	3.05	28	SAS		2	TEH	.07	.19		.12	.47	72	TEH	TEH	.610	ZPSNM	21	H
1	48	.91	46	MCS		P1	TEH	.18	.27		.09	.47	72	TEH	TEH	.610	ZPSNM	21	H
1	49	2.99	35	SAS		2	TEH	.00	.18		.18	.27	42	TEH	TEH	.610	ZPSNM	21	H
1	49	6.37	29	SAS		2	TEH	.00	.18		.18	.40	61	TEH	TEH	.610	ZPSNM	21	H
1	49	1.32	40	SCS		P1	TEH	.06	.15		.09	.18	27	TEH	TEH	.610	ZPSNM	21	H
1	50	5.44	25	SAS		2	TEH	.00	.16		.16	.22	34	TEH	TSH	.610	ZPSNM	1	H
5	51	1.81	23	SAS		2	TEH	.00	.12		.12	.18	27	TEH	TSH	.610	ZPSNN	3	H
28	51	3.34	31	SAS		2	TEH	.00	.16		.16	.18	27	TEH	TSH	.610	ZPSNM	9	H
37	51	1.62	30	SCS		P1	TEH	.00	.19		.19	.32	48	TEH	TSH	.610	ZPSNM	9	H
3	52	1.42	17	SAS		2	TEH	.00	.12		.12	.24	37	TEH	TEH	.610	ZPSNN	23	H
29	53	.66	32	SAS		2	TEH	.04	.13		.09	.40	61	TEH	TEH	.610	ZPSNN	27	H
21	55	1.61	33	SCS		P1	TEH	.05	.17		.12	.20	31	TEH	TSH	.610	ZPSNN	3	H
29	55	1.88	27	SAS		2	TEH	.12	.24		.12	.42	64	TEH	TSH	.610	ZPSNN	11	H
19	56	3.04	28	SAS		2	TEH	.00	.18		.18	.17	26	TEH	TSH	.610	ZPSNN	3	H
31	56	5.58	36	SAS		2	TEH	.00	.19		.19	.21	32	TEH	TSH	.610	ZPSNM	9	H
19	59	3.53	33	SAS		2	TEH	.06	.16		.09	.36	55	TEH	TEH	.610	ZPSNM	55	H
6	60	1.71	24	SAS		2	TEH	.17	.27		.12	.29	45	TEH	TSH	.610	ZPSNN	43	H
27	61	4.14	33	SAS		2	TEH	.02	.17		.15	.32	48	TEH	TEH	.610	ZPSNM	37	H
2	62	5.63	31	SAS		2	TEH	.08	.24		.16	.48	74	TEH	TSH	.610	ZPSNN	43	H
25	62	3.36	35	SAS		2	TEH	.09	.30		.20	.33	50	TEH	TEH	.610	ZPSNM	37	H
32	62	4.32	38	SAS		2	TEH	.02	.14		.12	.32	48	TEH	TEH	.610	ZPSNM	37	H
2	63	3.77	30	SAS		2	TEH	.09	.22		.12	.32	48	TEH	TEH	.610	ZPSNM	55	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
4	64	5.26	29	SAS		2	TEH	.07	.26		.19	.27	42	TEH	TSH	.610	ZPSNN	43	H
19	66	3.62	30	SAS		2	TEH	.29	.41		.12	.34	51	TEH	TEH	.610	ZPSNN	57	H
24	68	.94	30	SAS		2	TEH	.06	.15		.09	.35	53	TEH	TEH	.610	ZPSNN	39	H
6	69	2.33	32	SAS		2	TEH	.11	.24		.13	.39	59	TEH	TEH	.610	ZPSNM	59	H
18	71	1.85	26	SAS		2	TEH	.21	.31		.10	.34	51	TEH	TSH	.610	ZPSNM	13	H
20	71	3.30	28	SAS		2	TEH	.28	.42		.14	.35	53	TEH	TEH	.610	ZPSNN	53	H
19	72	3.22	30	SAS		2	TEH	.08	.21		.12	.40	61	TEH	TSH	.610	ZPSNN	15	H
1	73	3.53	21	SAS		2	TEH	.03	.19		.16	.44	67	TEH	TEH	.610	ZPSNN	61	H
5	73	5.61	34	SAS		2	TEH	.06	.32		.26	.32	48	TEH	TSH	.610	ZPSNM	13	H
16	73	2.23	31	SAS		2	TEH	.27	.39		.14	.31	47	TEH	TEH	.610	ZPSNN	53	H
1	74	3.34	35	MCI		P1	TEH	.07			.19	.81	124	TEH	TEH	.610	ZPSNN	61	H
6	74	4.12	30	SAS		2	TEH	.00	.16		.16	.35	53	TEH	TEH	.610	ZPSNN	61	H
1	75	8.20	36	SCI		P1	TEH	.03			.16	.65	100	TEH	TEH	.610	ZPSNN	61	H
35	75	1.32	26	SAS		2	TEH	.30	.41		.17	.29	45	TEH	TEH	.610	ZPSNN	53	H
4	76	3.36	37	SAS		2	TEH	.24	.44		.19	.29	45	TEH	TEH	.610	ZPSNN	61	H
5	76	2.15	26	SAS		2	TEH	.00	.16		.16	.23	35	TEH	TEH	.610	ZPSNN	61	H
1	77	2.81	21	SAS		2	TEH	.00	.16		.16	.21	32	TEH	TEH	.610	ZPSNN	61	H
1	77	5.74	32	SCS		P1	TEH	.07			.13	.36	55	TEH	TEH	.610	ZPSNN	61	H
1	79	5.93	215	SCI		P1	TEH	.06			.16	.76	116	TEH	TEH	.610	ZPSNN	61	H
5	79	4.53	28	SAS		2	TEH	.01	.17		.16	.26	40	TEH	TSH	.610	ZPSNM	13	H
10	79	3.31	31	SCI		P1	TEH	.02			.10	.65	100	TEH	TEH	.610	ZPSNM	59	H
15	79	6.88	37	SAS		2	TEH	.13	.39		.26	.60	92	TEH	TSH	.610	ZPSNM	13	H
5	80	1.79	24	SAS		2	TEH	.00	.16		.16	.19	29	TEH	TEH	.610	ZPSNN	61	H
2	81	5.96	32	SAS		2	TEH	.01	.14		.13	.56	85	TEH	TSH	.610	ZPSNM	13	H
23	81	2.15	26	SAS		2	TEH	.28	.44		.16	.31	47	TEH	TSH	.610	ZPSNM	9	H
23	81	1.47	25	SAS		2	TEH	.29	.45		.16	.26	40	TEH	TSH	.610	ZPSNM	9	H
32	81	1.73	23	SAS		2	TEH	.26	.38		.12	.60	92	TEH	TSH	.610	ZPSNN	11	H
1	82	2.55	23	SAS		2	TEH	.00	.12		.16	.27	42	TEH	TEH	.610	ZPSNN	61	H
1	82	3.28	29	SCS		P1	TEH	.10			.13	.35	53	TEH	TEH	.610	ZPSNN	61	H
2	82	5.35	39	SAS		2	TEH	.20	.48		.28	.66	101	TEH	TEH	.610	ZPSNN	61	H
2	82	3.07	32	SAS		2	TEH	.25	.48		.22	.25	39	TEH	TEH	.610	ZPSNN	61	H
8	82	1.69	27	SAS		2	TEH	.28	.50		.22	.58	88	TEH	TEH	.610	ZPSNN	61	H
38	82	2.70	27	SAS		2	TEH	.23	.41		.18	.41	63	TEH	TEH	.610	ZPSNM	51	H
1	83	2.67	21	MCS		P1	TEH	.09			.13	.44	67	TEH	TEH	.610	ZPSNN	61	H
1	84	6.89	38	MCI		P1	TEH	.10			.19	.64	98	TEH	TEH	.610	ZPSNN	61	H
15	85	.87	24	SAS		2	TEH	.23	.34		.12	.47	72	TEH	TSH	.610	ZPSNN	11	H
1	87	6.97	36	MCI		P1	TEH	.09			.16	1.02	156	TEH	TEH	.610	ZPSNN	61	H
29	87	3.46	28	SAS		2	TEH	.23	.39		.16	.33	50	TEH	TSH	.610	ZPSNM	9	H
33	87	2.50	25	SAS		2	TEH	.17	.33		.16	.32	48	TEH	TSH	.610	ZPSNM	9	H
1	88	12.01	38	SCI		P1	TEH	.11			.13	.98	149	TEH	TEH	.610	ZPSNN	61	H
3	88	4.46	37	SCS		P1	TEH	.10			.13	.32	48	TEH	TEH	.610	ZPSNN	61	H
1	89	8.33	44	MCI		P1	TEH	.16			.13	.86	132	TEH	TEH	.610	ZPSNN	61	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
27	89	1.93	31	SAS		2	TEH	.02	.17		.15	.28	43	TEH	TEH	.610	ZPSNN	57	H
33	89	1.10	20	SAS		2	TEH	.25	.40		.18	.33	50	TEH	TEH	.610	ZPSNN	57	H
33	89	.57	21	SAS		2	TEH	.26	.40		.15	.28	43	TEH	TEH	.610	ZPSNN	57	H
3	90	5.05	29	SAS		2	TEH	.00	.16		.16	.38	58	TEH	TEH	.610	ZPSNN	61	H
17	90	1.60	26	SAS		2	TEH	.25	.37		.12	.37	56	TEH	TEH	.610	ZPSNN	57	H
3	92	5.87	25	SAS		2	TEH	.00	.19		.19	.19	29	TEH	TEH	.610	ZPSNN	61	H
25	93	3.49	29	SAS		2	TEH	.00	.12		.12	.36	55	TEH	TSH	.610	ZPSNN	11	H
1	94	6.64	32	SAS		2	TEH	.00	.19		.19	.46	71	TEH	TEH	.610	ZPSNN	61	H
1	94	4.28	32	SCS		P1	TEH	.06			.16	.33	50	TEH	TEH	.610	ZPSNN	61	H
5	95	2.79	29	SAS		2	TEH	.00	.16		.16	.37	56	TEH	TEH	.610	ZPSNN	61	H
6	95	3.31	32	SAS		2	TEH	.00	.13		.13	.26	40	TEH	TEH	.610	ZPSNN	61	H
7	95	2.73	27	SAS		2	TEH	.00	.13		.13	.20	31	TEH	TEH	.610	ZPSNN	61	H
3	97	1.92	24	SAS		2	TEH	.00	.13		.13	.19	29	TEH	TEH	.610	ZPSNN	61	H
11	101	2.56	27	SAS		2	TEH	.21	.40		.19	.61	93	TEH	TEH	.610	ZPSNN	61	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

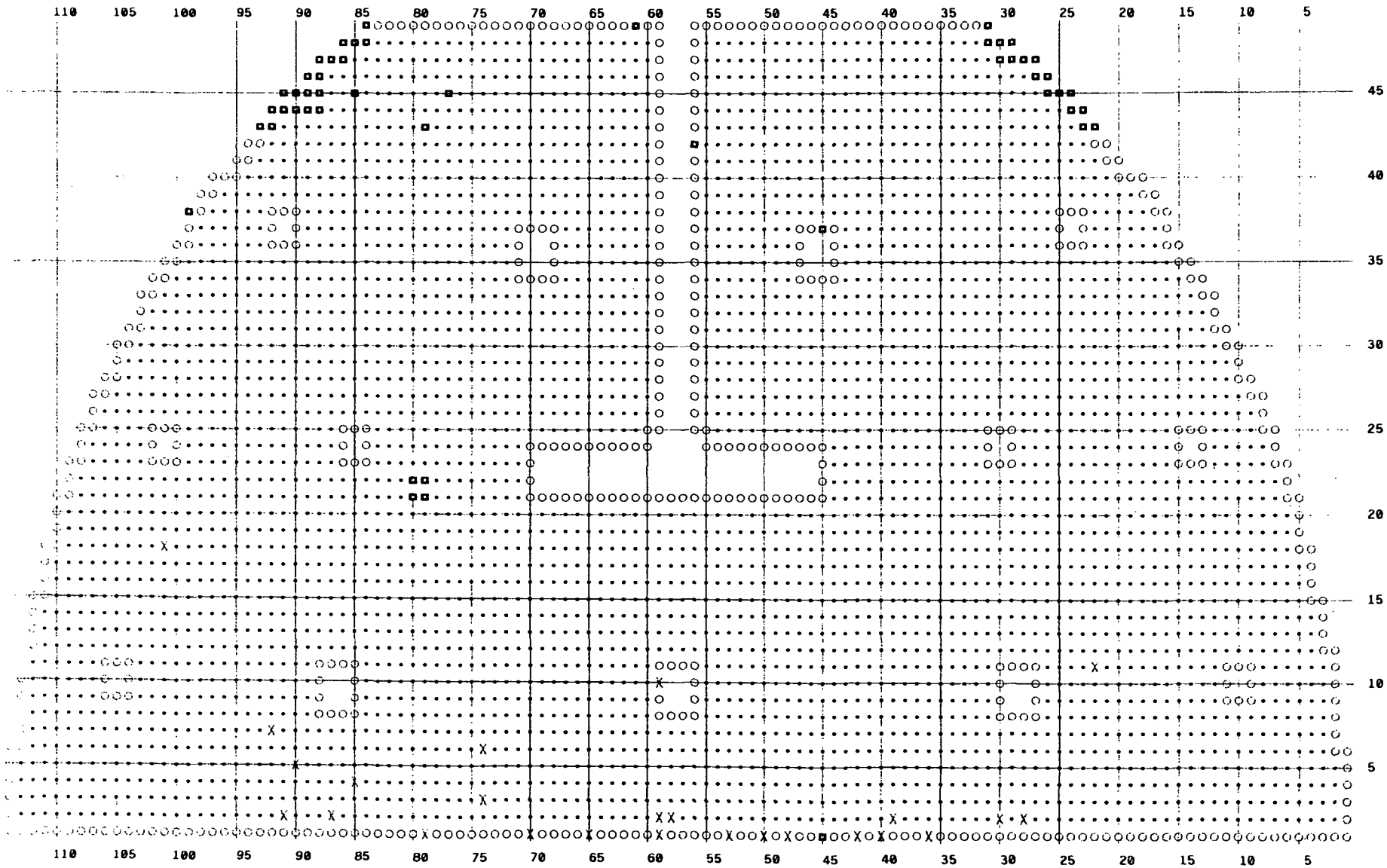
Tubes: 118 Records: 148

SG - B PWSCC Indications in Tubesheet

Braidwood A2R13 CDE D5

X 25 Tube with PWSCC Indication in Tubesheet

▫ 49 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
11	22	1.70	59	SCS		P1	TEH	.00	.04		.15	.26	40	TEH	TEH	.610	ZPSNM	57	H
2	28	4.42	26	SAS		2	TEH	.03	.21		.18	.46	71	TEH	TSH	.610	ZPSNN	11	H
2	30	2.04	32	SAS		2	TEH	.00	.15		.18	.25	39	TEH	TEH	.610	ZPSNN	55	H
1	36	2.03	19	SAS		2	TEH	.00	.12		.12	.16	24	TEH	TEH	.610	ZPSNM	57	H
2	39	1.98	31	SAS		2	TEH	.00	.12		.12	.14	21	TEH	TEH	.610	ZPSNN	55	H
1	40	2.13	26	SAS		2	TEH	.00	.12		.12	.21	32	TEH	TEH	.610	ZPSNM	57	H
1	42	2.18	29	SAS		2	TEH	.00	.12		.12	.20	31	TEH	TSH	.610	ZPSNN	7	H
1	48	2.51	23	SAS		2	TEH	.00	.12		.12	.16	24	TEH	TSH	.610	ZPSNN	3	H
1	50	2.32	24	SAS		2	TEH	.00	.12		.12	.20	31	TEH	TEH	.610	ZPSNN	29	H
1	53	2.83	24	SAS		2	TEH	.00	.12		.12	.17	26	TEH	TEH	.610	ZPSNN	29	H
2	58	1.59	29	SAS		2	TEH	.22	.39		.17	.17	26	TEH	TEH	.610	ZPSNN	27	H
1	59	1.00	18	SAS		2	TEH	.18	.30		.12	.22	34	TEH	TEH	.610	ZPSNN	51	H
2	59	2.00	36	SAS		2	TEH	.00	.16		.16	.39	59	TEH	TEH	.610	ZPSNM	53	H
10	59	3.78	29	SAS		2	TEH	.00	.19		.19	.58	88	TEH	TEH	.610	ZPSNM	53	H
1	65	4.31	25	SAS		2	TEH	.02	.20		.18	.34	51	TEH	TEH	.610	ZPSNN	43	H
1	70	1.49	25	SAS		2	TEH	.08	.17		.09	.33	50	TEH	TEH	.610	ZPSNN	39	H
3	74	2.74	27	SAS		2	TEH	.02	.17		.15	.64	98	TEH	TEH	.610	ZPSNN	39	H
6	74	1.72	19	SAS		2	TEH	.00	.09		.09	.17	26	TEH	TSH	.610	ZPSNN	19	H
1	79	3.81	22	SAS		2	TEH	.06	.19		.12	.43	66	TEH	TEH	.610	ZPSNN	41	H
4	85	1.85	18	SAS		2	TEH	.03	.17		.14	.16	24	TEH	TEH	.610	ZPSNN	27	H
2	87	2.31	31	SAS		2	TEH	.00	.18		.18	.33	50	TEH	TEH	.610	ZPSNN	51	H
5	90	3.04	28	SAS		2	TEH	.00	.14		.14	.22	34	TEH	TSH	.610	ZPSNN	23	H
2	91	4.90	25	SAS		2	TEH	.00	.36		.35	.36	55	TEH	TEH	.610	ZPSNN	51	H
7	92	3.06	27	SAS		2	TEH	.00	.15		.16	.25	39	TEH	TEH	.610	ZPSNM	53	H
18	101	1.79	20	SAS		2	TEH	.02	.14		.12	.18	27	TEH	TSH	.610	ZPSNN	19	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

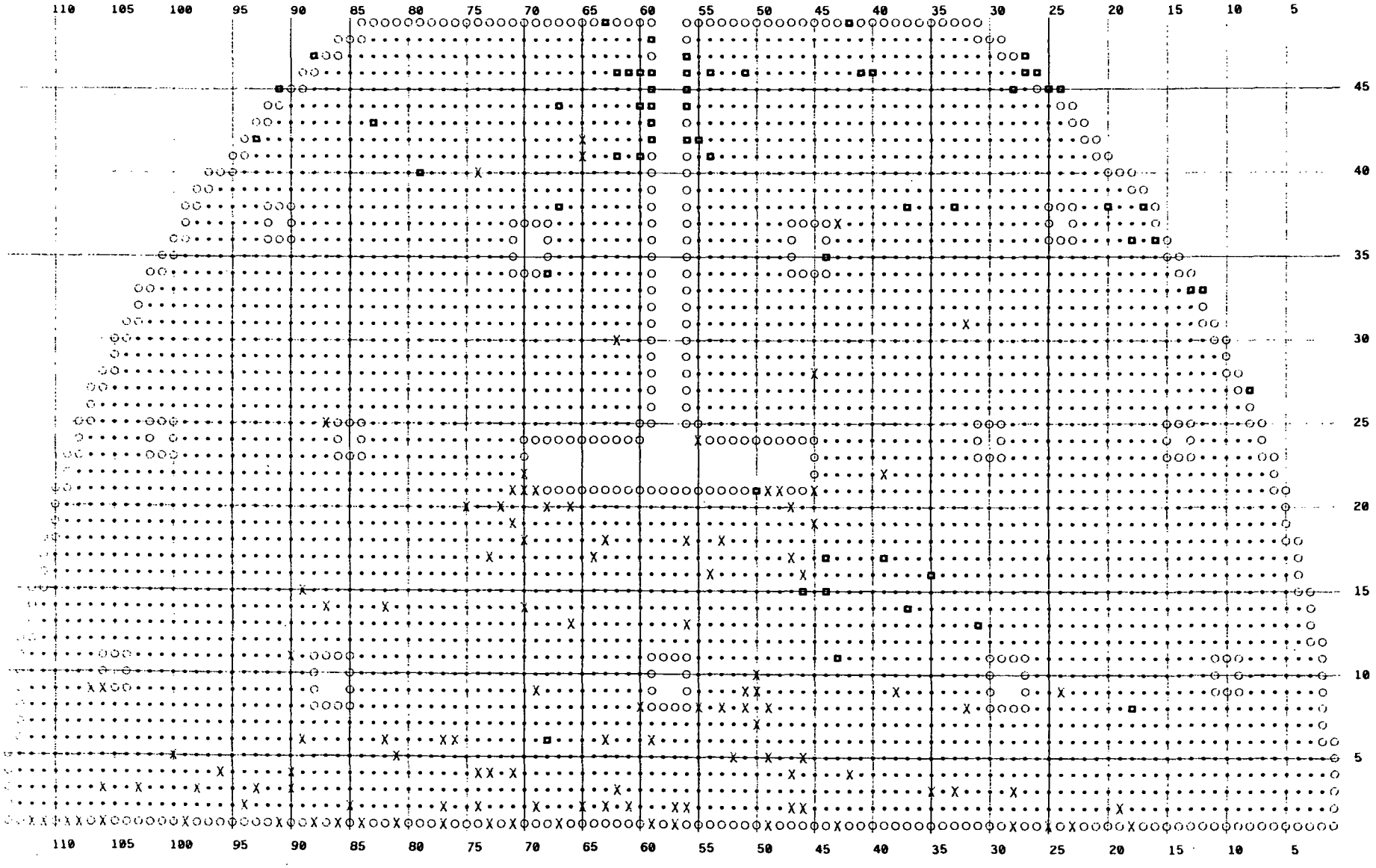
Tubes: 25 Records: 25

SG - C PWSCC Indications in Tubesheet

Braidwood A2R13 CDE D5

X 118 Tube with PWSCC Indication in Tubesheet

▫ 60 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	18	3.42	24	SAS		2	TEH	.00	.15		.15	.32	48	TEC	TEH	.610	ZPSNN	83	H
2	19	2.25	18	SAS		2	TEH	.00	.05		.12	.22	34	TEH	TEH	.610	ZPSNN	83	H
1	23	2.90	19	SAS		2	TEH	.00	.18		.18	.32	48	TEH	TEH	.610	ZPSNN	83	H
9	24	4.24	25	SAS		2	TEH	.06	.19		.13	.32	48	TEH	TEH	.610	ZPSNN	81	H
1	25	3.37	19	SAS		2	TEH	.00	.23		.21	.33	50	TEH	TEH	.610	ZPSNN	83	H
1	28	2.28	18	SAS		2	TEH	.00	.15		.15	.23	35	TEH	TEH	.610	ZPSNN	87	H
3	28	1.84	22	SAS		2	TEH	.00	.18		.18	.24	37	TEH	TSH	.610	ZPSNM	7	H
8	32	2.40	19	SAS		2	TEH	.02	.23		.21	.40	61	TEH	TSH	.610	ZPSNM	5	H
31	32	1.35	21	SAS		2	TEH	.00	.05		.12	.16	24	TEH	TSH	.610	ZPSNM	7	H
3	33	1.14	18	SAS		2	TEH	.00	.12		.12	.16	24	TEH	TSH	.610	ZPSNM	7	H
3	35	1.16	19	SAS	0	2	TEH	.00			.09	.32	48	TEC	TEH	.610	ZPSNN	87	H
9	38	2.78	25	SAS		2	TEH	.03	.18		.15	.43	66	TEH	TSH	.610	ZPSNM	5	H
22	39	1.40	20	SAS		2	TEH	.02	.10		.09	.29	45	TEH	TEH	.610	ZPSNM	53	H
4	42	2.89	21	SAS		2	TEH	.06	.21		.14	.44	67	TEH	TEH	.610	ZPSNM	45	H
1	43	3.02	19	SAS		2	TEH	.05	.19		.14	.44	67	TEH	TEH	.610	ZPSNM	43	H
37	43	1.68	21	SAS		2	TEH	.00	.15		.15	.19	29	TEH	TEH	.610	ZPSNM	35	H
19	45	1.88	20	SAS		2	TEH	.00	.15		.15	.18	27	TEH	TSH	.610	ZPSNM	3	H
21	45	3.05	21	SAS		2	TEH	.00	.12		.12	.14	21	TEH	TSH	.610	ZPSNM	3	H
28	45	2.26	24	SAS		2	TEH	.06	.17		.11	.35	53	TEH	TEH	.610	ZPSNM	39	H
2	46	2.95	28	SAS		2	TEH	.05	.21		.15	.35	53	TEH	TSH	.610	ZPSNM	3	H
2	46	3.10	26	SAS		2	TEH	.05	.21		.15	.48	74	TEH	TSH	.610	ZPSNM	3	H
2	46	3.58	28	SAS		2	TEH	.06	.22		.15	.26	40	TEH	TSH	.610	ZPSNM	3	H
5	46	1.67	19	SAS		2	TEH	.00	.12		.12	.18	27	TEH	TSH	.610	ZPSNM	21	H
5	46	2.06	17	SAS		2	TEH	.00	.12		.12	.17	26	TEH	TSH	.610	ZPSNM	21	H
16	46	2.56	24	SAS		2	TEH	.00	.19		.19	.17	26	TEH	TSH	.610	ZPSNM	3	H
2	47	2.30	22	SAS		2	TEH	.00	.12		.12	.39	59	TEH	TEH	.610	ZPSNM	43	H
4	47	2.42	18	SAS		2	TEH	.01	.16		.14	.34	51	TEH	TEH	.610	ZPSNM	43	H
17	47	2.84	17	SAS		2	TEH	.06	.21		.15	.31	47	TEH	TEH	.610	ZPSNM	43	H
20	47	1.81	18	SAS		2	TEH	.00	.16		.16	.46	71	TEH	TEH	.610	ZPSNM	21	H
21	48	.70	19	SAS		2	TEH	.00	.19		.19	.23	35	TEH	TSH	.610	ZPSNM	3	H
1	49	4.52	22	SAS		2	TEH	.03	.23		.20	.28	43	TEH	TEH	.610	ZPSNM	43	H
5	49	3.12	25	SAS		2	TEH	.10	.19		.09	.42	64	TEH	TSH	.610	ZPSNM	15	H
8	49	4.01	24	SAS		2	TEH	.04	.19		.14	.33	50	TEH	TEH	.610	ZPSNM	43	H
21	49	2.27	25	SAS		2	TEH	.09	.18		.09	.33	50	TEH	TEH	.610	ZPSNM	45	H
7	50	1.03	16	SAS		2	TEH	.00	.22		.22	.18	27	TEH	TSH	.610	ZPSNM	3	H
9	50	1.64	20	SAS		2	TEH	.00	.16		.16	.15	22	TEH	TSH	.610	ZPSNM	3	H
9	50	.78	20	SAS		2	TEH	.29	.38		.12	.61	93	TEH	TSH	.610	ZPSNM	3	H
10	50	2.24	20	SAS		2	TEH	.02	.14		.12	.29	45	TEH	TEH	.610	ZPSNM	53	H
8	51	2.42	22	SAS		2	TEH	.05	.16		.09	.35	53	TEH	TEH	.610	ZPSNM	43	H
9	51	2.71	20	SAS		2	TEH	.03	.15		.12	.38	58	TEH	TEH	.610	ZPSNM	43	H
5	52	3.38	25	SAS		2	TEH	.01	.13		.12	.32	48	TEH	TEH	.610	ZPSNM	45	H
8	53	2.67	18	SAS		2	TEH	.04	.16		.12	.41	63	TEH	TEH	.610	ZPSNM	43	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
18	53	2.61	21	SAS		2	TEH	.03	.15		.12	.32	48	TEH	TEH	.610	ZPSNM	43	H
16	54	3.09	22	SAS		2	TEH	.06	.18		.12	.74	112	TEH	TEH	.610	ZPSNM	45	H
8	55	2.16	18	SAS		2	TEH	.02	.14		.12	.34	51	TEH	TEH	.610	ZPSNM	43	H
24	55	2.78	18	SAS		2	TEH	.00	.15		.15	.20	31	TEH	TSH	.610	ZPSNM	3	H
2	56	2.67	32	SAS		2	TEH	.06	.18		.12	.45	69	TEH	TEH	.610	ZPSNM	45	H
13	56	2.33	23	SAS		2	TEH	.04	.24		.20	.37	56	TEH	TEH	.610	ZPSNM	45	H
18	56	2.79	20	SAS		2	TEH	.07	.19		.12	.35	53	TEH	TEH	.610	ZPSNM	45	H
1	57	2.41	35	SAS		2	TEH	.08	.19		.11	.36	55	TEH	TEH	.610	ZPSNN	47	H
2	57	3.21	33	SAS		2	TEH	.10	.21		.11	.40	61	TEH	TEH	.610	ZPSNM	49	H
1	59	2.92	29	SAS		2	TEH	.00	.23		.23	.27	42	TEH	TSH	.610	ZPSNM	59	H
1	59	5.21	39	SAS		2	TEH	.00	.32		.32	.29	45	TEH	TSH	.610	ZPSNM	59	H
6	59	2.15	26	SAS		2	TEH	.00	.15		.15	.22	34	TEH	TSH	.610	ZPSNN	57	H
8	60	2.38	18	SAS		2	TEH	.00	.12		.12	.18	27	TEH	TSH	.610	ZPSNM	59	H
2	61	1.33	30	SAS		2	TEH	.11	.23		.12	.48	74	TEH	TSH	.610	ZPSNN	63	H
3	62	1.81	27	SAS		2	TEH	.00	.15		.15	.24	37	TEH	TSH	.610	ZPSNN	61	H
30	62	1.61	24	SAS		2	TEH	.07	.14		.06	.35	53	TEH	TSH	.610	ZPSNM	9	H
2	63	1.50	25	SAS		2	TEH	.10	.25		.15	.42	64	TEH	TSH	.610	ZPSNN	63	H
6	63	3.10	19	SAS		2	TEH	.00	.20		.20	.23	35	TEH	TSH	.610	ZPSNM	59	H
18	63	3.00	23	SAS		2	TEH	.08	.16		.08	.40	61	TEH	TSH	.610	ZPSNM	19	H
17	64	2.97	26	SAS		2	TEH	.02	.14		.11	.35	53	TEH	TSH	.610	ZPSNM	19	H
2	65	2.23	26	MCS		P1	TEH	.08			.12	.48	74	TEH	TSH	.610	ZPSNN	63	H
41	65	2.71	23	SAS		2	TEH	.05	.20		.15	.46	71	TEH	TEH	.610	ZPSNN	65	H
42	65	1.42	22	SAS		2	TEH	.05	.17		.12	.25	39	TEH	TEH	.610	ZPSNN	65	H
13	66	4.46	22	SAS		2	TEH	.00	.18		.18	.27	42	TEH	TSH	.610	ZPSNN	57	H
20	66	2.47	30	SAS		2	TEH	.04	.16		.12	.33	50	TEH	TEH	.610	ZPSNN	67	H
1	67	1.61	27	SAS		2	TEH	.01	.11		.09	.28	43	TEH	TSH	.610	ZPSNN	63	H
20	68	3.45	27	SAS		2	TEH	.06	.21		.15	.36	55	TEH	TEH	.610	ZPSNN	67	H
2	69	2.19	19	SAS		2	TEH	.10	.22		.12	.33	50	TEH	TEH	.610	ZPSNN	65	H
9	69	2.64	22	SAS		2	TEH	.00	.15		.15	.27	42	TEH	TSH	.610	ZPSNN	57	H
21	69	2.87	23	SAS		2	TEH	.06	.18		.12	.33	50	TEH	TEH	.610	ZPSNN	65	H
14	70	2.36	23	SAS		2	TEH	.01	.16		.15	.43	66	TEH	TEH	.610	ZPSNN	67	H
18	70	1.35	19	SAS		2	TEH	.03	.15		.12	.34	51	TEH	TEH	.610	ZPSNN	67	H
21	70	4.93	26	SAS		2	TEH	.08	.24		.18	.45	69	TEH	TEH	.610	ZPSNN	67	H
22	70	2.56	22	SAS		2	TEH	.13	.25		.12	.29	45	TEH	TSH	.610	ZPSNM	17	H
1	71	5.48	29	SAS		2	TEH	.03	.24		.21	1.06	162	TEH	TEH	.610	ZPSNN	67	H
4	71	2.24	24	SAS		2	TEH	.02	.15		.12	.31	47	TEH	TSH	.610	ZPSNN	63	H
19	71	2.37	23	SAS		2	TEH	.07	.15		.08	.34	51	TEH	TSH	.610	ZPSNM	19	H
21	71	3.07	25	SAS		2	TEH	.01	.10		.08	.39	59	TEH	TSH	.610	ZPSNM	19	H
20	72	2.20	25	SAS		2	TEH	.01	.07		.06	.32	48	TEH	TSH	.610	ZPSNM	17	H
1	73	3.52	24	SAS		2	TEH	.06	.25		.22	.37	56	TEH	TSH	.610	ZPSNN	63	H
4	73	2.31	28	SAS		2	TEH	.03	.15		.12	.66	101	TEH	TSH	.610	ZPSNN	63	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
17	73	3.56	22	SAS		2	TEH	.02	.11		.08	.49	76	TEH	TSH	.610	ZPSNM	19	H
2	74	3.16	22	SAS		2	TEH	.00	.16		.16	.20	31	TEH	TSH	.610	ZPSNM	21	H
4	74	2.86	28	SAS		2	TEH	.06	.18		.12	.43	66	TEH	TEH	.610	ZPSNN	67	H
40	74	1.62	15	SAS		2	TEH	.08	.20		.12	.35	53	TEH	TEH	.610	ZPSNN	71	H
20	75	2.34	23	SAS		2	TEH	.04	.15		.11	.33	50	TEH	TSH	.610	ZPSNM	19	H
20	75	4.17	25	SAS		2	TEH	.04	.15		.11	.33	50	TEH	TSH	.610	ZPSNM	19	H
6	76	4.48	26	SAS		2	TEH	.05	.17		.12	.60	92	TEH	TEH	.610	ZPSNN	65	H
6	76	2.07	22	SAS		2	TEH	.07	.13		.06	.36	55	TEH	TEH	.610	ZPSNN	65	H
1	77	2.94	23	SCS		P1	TEH	.07			.12	.39	59	TEH	TEH	.610	ZPSNN	67	H
2	77	3.31	24	SAS		2	TEH	.02	.18		.12	.36	55	TEH	TEH	.610	ZPSNN	67	H
6	77	2.04	30	SAS		2	TEH	.10	.25		.15	.38	58	TEH	TEH	.610	ZPSNN	67	H
1	81	4.52	27	SAS		2	TEH	.05	.24		.21	.45	69	TEH	TEH	.610	ZPSNN	67	H
5	81	1.80	21	SAS		2	TEH	.04	.16		.12	.29	45	TEH	TEH	.610	ZPSNN	67	H
6	82	1.99	24	SAS		2	TEH	.12	.24		.12	.34	51	TEH	TEH	.610	ZPSNN	67	H
14	82	3.31	22	SAS		2	TEH	.11	.26		.15	.42	64	TEH	TEH	.610	ZPSNN	67	H
1	84	1.30	14	SAS		2	TEH	.00	.12		.12	.13	19	TEH	TSH	.610	ZPSNM	21	H
2	85	2.72	23	SAS		2	TEH	.06	.18		.12	.35	53	TEH	TEH	.610	ZPSNN	65	H
1	86	2.02	22	SAS		2	TEH	.02	.14		.12	.34	51	TEH	TEH	.610	ZPSNN	67	H
14	87	1.09	22	SAS		2	TEH	.00	.12		.12	.21	32	TEH	TSH	.610	ZPSNM	21	H
14	87	1.41	9	SAS		2	TEH	.00	.12		.12	.16	24	TEH	TSH	.610	ZPSNM	21	H
25	87	2.88	18	SAS		2	TEH	.11	.20		.09	.35	53	TEH	TSH	.610	ZPSNM	17	H
1	88	3.39	21	SAS		2	TEH	.01	.16		.15	.61	93	TEH	TEH	.610	ZPSNN	67	H
6	89	1.22	19	SAS		2	TEH	.00	.12		.12	.17	26	TEH	TSH	.610	ZPSNM	21	H
15	89	.69	18	SAS		2	TEH	.15	.24		.09	.15	22	TEH	TSH	.610	ZPSNM	21	H
15	89	.89	18	SAS		2	TEH	.17	.26		.09	.15	22	TEH	TSH	.610	ZPSNM	21	H
15	89	2.39	30	SAS		2	TEH	.18	.40		.22	.21	32	TEH	TSH	.610	ZPSNM	21	H
3	90	1.95	24	SAS		2	TEH	.06	.28		.22	.43	66	TEH	TSH	.610	ZPSNM	21	H
3	90	1.04	20	SAS		2	TEH	.15	.31		.16	.52	79	TEH	TSH	.610	ZPSNM	21	H
4	90	2.60	25	SAS		2	TEH	.00	.14		.14	.17	26	TEH	TSH	.610	ZPSNM	23	H
11	90	1.61	17	SAS		2	TEH	.00	.12		.12	.16	24	TEH	TSH	.610	ZPSNM	23	H
1	91	2.44	20	SAS		2	TEH	.00	.12		.12	.26	40	TEH	TSH	.610	ZPSNM	21	H
3	93	2.24	19	SAS		2	TEH	.07	.31		.24	.27	42	TEH	TEH	.610	ZPSNN	65	H
2	94	1.64	17	SAS		2	TEH	.01	.14		.12	.27	42	TEH	TEH	.610	ZPSNN	67	H
4	96	1.92	22	SAS		2	TEH	.02	.14		.12	.31	47	TEH	TEH	.610	ZPSNN	75	H
3	98	1.16	21	SAS		2	TEH	.05	.17		.12	.27	42	TEH	TEH	.610	ZPSNN	75	H
1	99	3.01	18	SAS		2	TEH	.03	.23		.19	.32	48	TEH	TEH	.610	ZPSNN	73	H
5	100	1.97	22	SAS		2	TEH	.08	.21		.12	.41	63	TEH	TEH	.610	ZPSNN	75	H
3	103	3.02	21	SAS		2	TEH	.02	.15		.13	.38	58	TEH	TEH	.610	ZPSNN	73	H
1	106	4.35	23	SAS		2	TEH	.00	.19		.19	.21	32	TEH	TSH	.610	ZPSNM	21	H
3	106	3.23	24	SAS		2	TEH	.05	.20		.15	.38	58	TEH	TEH	.610	ZPSNN	75	H
9	106	4.33	28	SAS		2	TEH	.04	.11		.16	.38	58	TEH	TEH	.610	ZPSNN	73	H
9	107	3.22	29	SAS		2	TEH	.02	.15		.13	.22	34	TEH	TEH	.610	ZPSNN	73	H
1	108	2.09	27	SAS		2	TEH	.00	.12		.12	.15	22	TEH	TSH	.610	ZPSNM	21	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	108	1.39	19	SAS		2	TEH	.04	.10		.06	.18	27	TEH	TSH	.610	ZPSNM	21	H
1	109	1.71	25	SAS		2	TEH	.06	.19		.13	.60	92	TEH	TEH	.610	ZPSNN	73	H
1	111	4.25	29	SAS		2	TEH	.01	.14		.13	.39	59	TEH	TEH	.610	ZPSNN	73	H
1	111	2.92	24	SAS		2	TEH	.01	.14		.13	.29	45	TEH	TEH	.610	ZPSNN	73	H
1	112	3.27	25	SAS		2	TEH	.03	.19		.16	.35	53	TEH	TEH	.610	ZPSNN	73	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

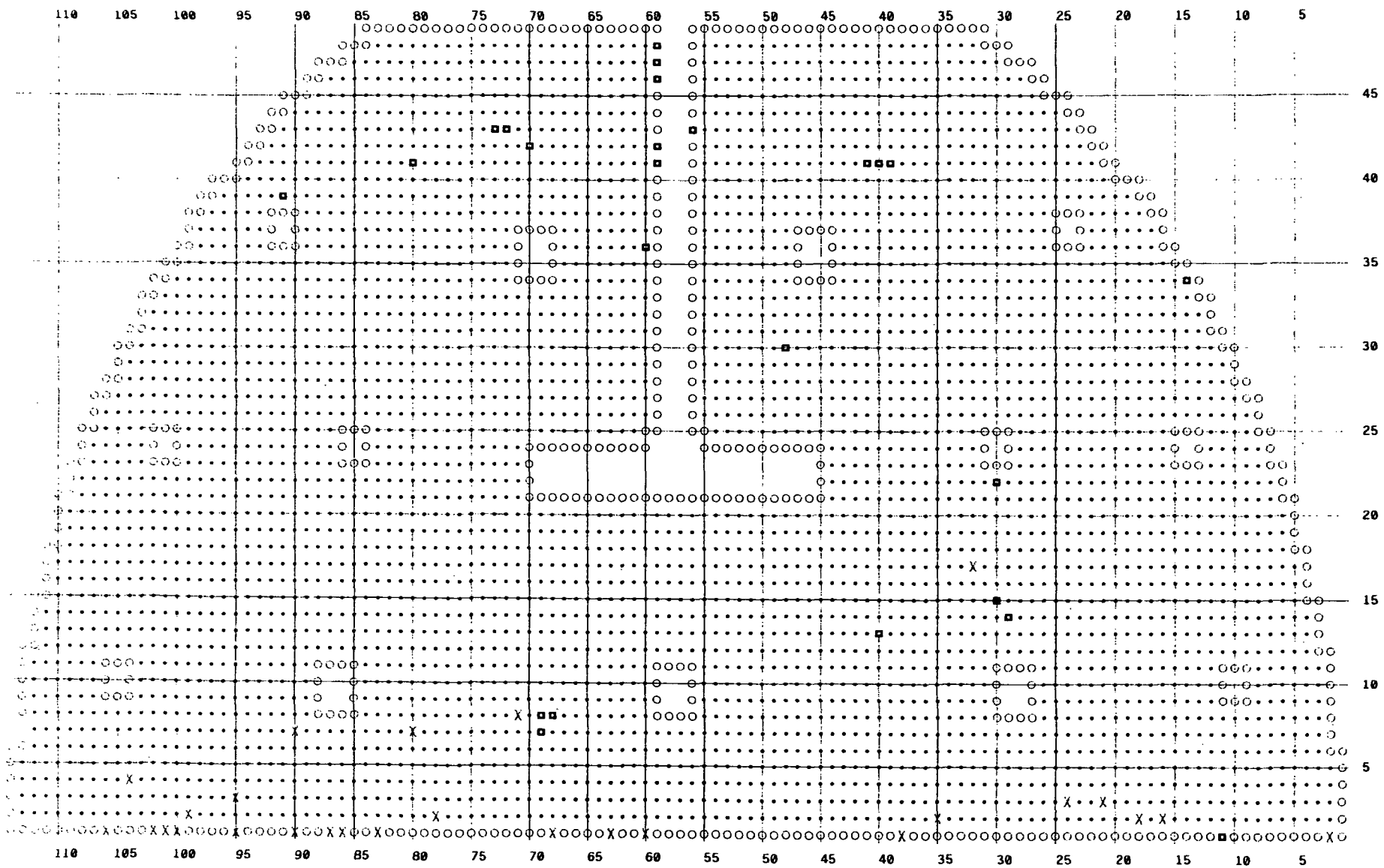
Tubes: 118 Records: 131

SG - D PWSCC Indications in Tubesheet

Braidwood A2R13 CDE D5

X 27 Tube with PWSCC Indication in Tubesheet

▫ 25 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	2	3.59	41	SAS		2	TEH	.00	.13		.13	.23	35	TEH	TEH	.610	ZPSNN	21	H
2	16	4.13	33	SAS		2	TEH	.00	.16		.16	.38	58	TEH	TEH	.610	ZPSNN	25	H
2	18	1.65	28	SAS		2	TEH	.00	.16		.16	.24	37	TEH	TEH	.610	ZPSNN	25	H
3	21	1.27	21	SAS		2	TEH	.00	.13		.13	.17	26	TEH	TEH	.610	ZPSNN	27	H
3	24	1.87	22	SAS		2	TEH	.00	.16		.16	.20	31	TEH	TEH	.610	ZPSNN	25	H
17	32	2.43	35	SAS		2	TEH	.00	.11		.00	.20	31	TEH	TEH	.610	ZPSNN	25	H
2	35	2.98	27	SAS		2	TEH	.00	.15		.15	.19	29	TEH	TSH	.610	ZPSNM	7	H
1	38	2.28	27	SAS		2	TEH	.00	.10		.10	.21	32	TEH	TEH	.610	ZPSNN	25	H
1	60	4.15	41	SAS		2	TEH	.07	.20		.12	.52	79	TEH	TSH	.610	ZPSNN	35	H
1	63	1.81	36	SAS		2	TEH	.04	.16		.12	.28	43	TEH	TEH	.610	ZPSNN	39	H
1	68	4.70	26	SAS		2	TEH	.18	.31		.12	.36	55	TEH	TEH	.610	ZPSNN	39	H
8	71	2.75	30	SAS		2	TEH	.16	.41		.25	.34	51	TEH	TSH	.610	ZPSNN	37	H
2	78	5.44	27	SAS		2	TEH	.04	.20		.16	.35	53	TEH	TSH	.610	ZPSNM	17	H
7	80	2.02	30	SAS		2	TEH	.11	.21		.12	.31	47	TEH	TEH	.610	ZPSNN	39	H
1	83	3.91	20	SAS		2	TEH	.10	.20		.10	.39	59	TEH	TSH	.610	ZPSNM	17	H
1	86	2.64	22	SAS		2	TEH	.06	.18		.12	.29	45	TEH	TEH	.610	ZPSNN	39	H
1	87	3.06	26	SAS		2	TEH	.07	.19		.12	.37	56	TEH	TEH	.610	ZPSNN	39	H
1	90	2.88	22	SAS		2	TEH	.03	.18		.15	.20	31	TEH	TEH	.610	ZPSNN	39	H
7	90	3.24	26	SAS		2	TEH	.02	.17		.15	.34	51	TEH	TEH	.610	ZPSNN	39	H
1	95	4.59	31	SAS		2	TEH	.11	.26		.15	.36	55	TEH	TEH	.610	ZPSNN	39	H
3	95	4.94	35	SAS		2	TEH	.00	.16		.16	.37	56	TEH	TSH	.610	ZPSNM	17	H
2	99	5.57	28	SAS		2	TEH	.06	.22		.19	.26	40	TEH	TEH	.610	ZPSNN	43	H
1	100	4.10	20	SAS		2	TEH	.06	.32		.26	.41	63	TEH	TEH	.610	ZPSNN	45	H
1	101	3.05	30	SAS		2	TEH	.06	.21		.15	.35	53	TEH	TEH	.610	ZPSNN	45	H
1	102	5.06	26	SAS		2	TEH	.07	.25		.18	.41	63	TEH	TEH	.610	ZPSNN	45	H
4	104	2.40	25	SAS		2	TEH	.16	.29		.12	.29	45	TEH	TEH	.610	ZPSNN	43	H
1	106	3.08	24	SAS		2	TEH	.04	.19		.15	.33	50	TEH	TEH	.610	ZPSNN	45	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 27 Records: 27

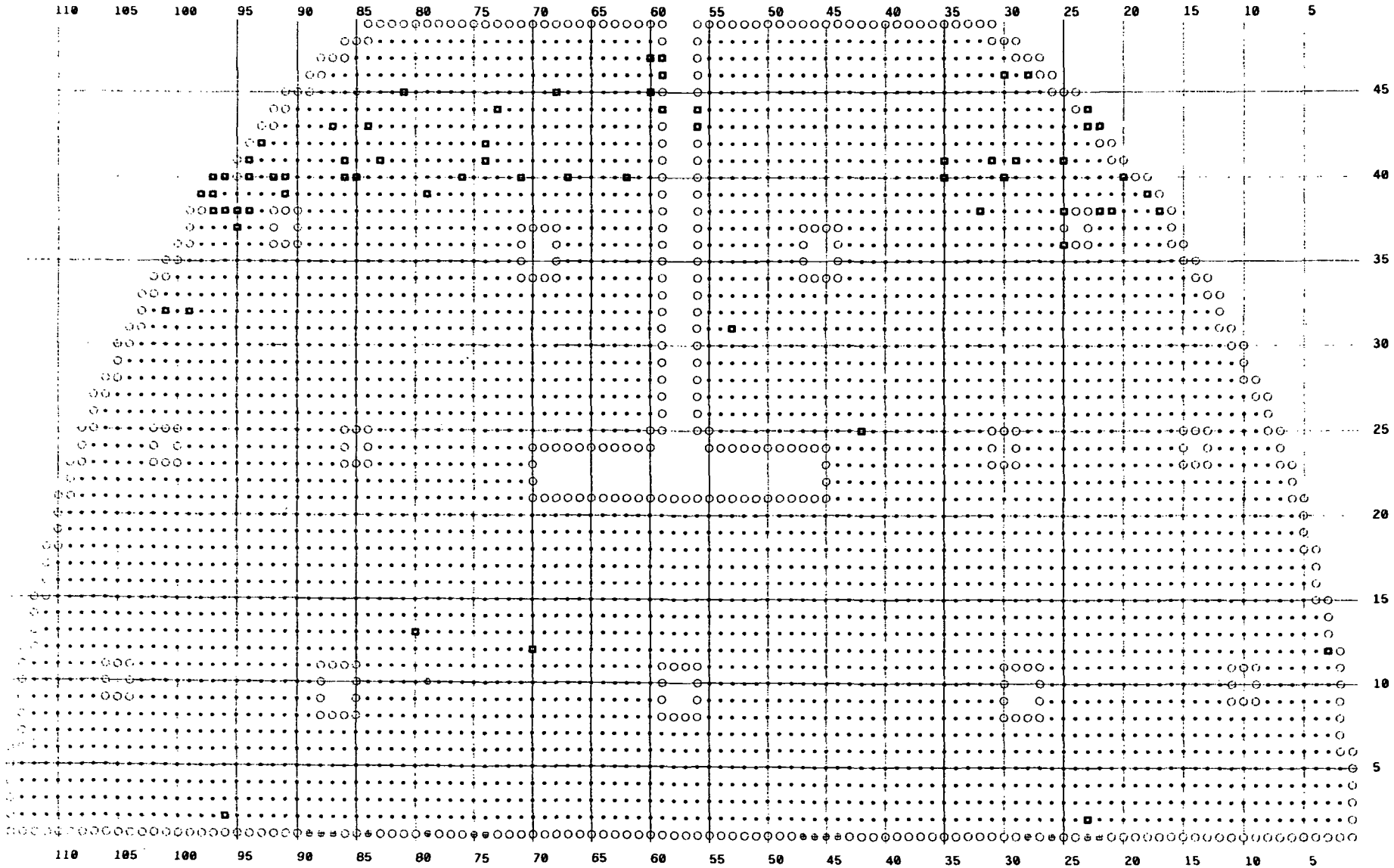
Attachment 6
Tubes Plugged During A2R13

SG-A TUBES PLUGGED IN A2R13

Braidwood A2R13 CDE D5

⊕ 17 TUBE PLUGGED IN THE HOT AND COLD LEGS

▫ 66 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	22	1.24	31	SCI		P1	TEH	.06			.06	.98	149	TEH	TEH	.610	ZPSNM	25	H
1	22	1.88	25	PID		P1	TEH	.03						TEH	TEH	.610	ZPSNN	47	H
1	22			NDD										11H	TEH	.610	SBACC	115	H
1	23	8.91	34	SCI		P1	TEH	.11			.14	.84	129	TEH	TEH	.610	ZPSNM	25	H
1	23	11.42	34	PID		P1	TEH	.11						TEH	TEH	.610	ZPSNN	47	H
1	23			NDD										11H	TEH	.610	SBACC	115	H
1	26	4.40	41	MCI		P1	TEH	.09			.17	.84	129	TEH	TEH	.610	ZPSNM	25	H
1	26	4.59	50	PID		P1	TEH	.10						TEH	TEH	.610	ZPSNN	47	H
1	26			NDD										11H	TEH	.610	SBACC	115	H
1	28	9.19	45	SCI		P1	TEH	.00	.20		.20	1.38	211	TEH	TSH	.610	ZPSNN	7	H
1	28			NDF		2	TEH	6.04						TEH	TSH	.610	ZPSNN	7	H
1	28	10.39	41	PID		P1	TEH	.00						TEH	TEH	.610	ZPSNN	23	H
1	28			NDD										11H	TEH	.610	SBACC	115	H
1	44	10.06	38	SCI		P1	TEH	.00	.12		.12	.67	103	TEH	TEH	.610	ZPSNM	21	H
1	44	5.12	32	SAS		2	TEH	.00	.15		.15	.60	92	TEH	TEH	.610	ZPSNM	21	H
1	44	6.71	41	PID		P1	TEH	.13						TEH	TEH	.610	ZPSNM	29	H
1	44			NDD										11H	TEH	.610	ZBAZC	113	H
1	45	3.91	52	MCI		P1	TEH	.00	.12		.12	.80	122	TEH	TEH	.610	ZPSNM	21	H
1	45	4.96	39	PID		P1	TEH	.11						TEH	TEH	.610	ZPSNM	29	H
1	45			NDD										11H	11C	.580	ZPUMN	69	H
1	45			NDD										11H	TEH	.610	ZBAZC	113	H
1	46	2.52	211	MCI		P1	TEH	.00	.12		.12	.72	109	TEH	TEH	.610	ZPSNM	21	H
1	46	1.52	35	PID		P1	TEH	.10						TEH	TEH	.610	ZPSNM	29	H
1	46			NDD										11H	TEH	.610	ZBAZC	113	H
1	47			TBP										TEH	TEH	.610	ZPSNM	21	H
1	47	7.84	27	SAS		2	TEH	.00	.21		.21	.24	37	TEH	TEH	.610	ZPSNM	21	H
1	47	5.99	44	SCI		P1	TEH	.15	.36		.21	.54	82	TEH	TEH	.610	ZPSNM	21	H
1	47	.59	38	SCI		P1	TEH	.20	.32		.12	.28	43	TEH	TEH	.610	ZPSNM	21	H
1	47	6.12	44	PID		P1	TEH	.24						TEH	TEH	.610	ZPSNM	29	H
1	47			NDD										11H	11C	.580	ZPUMN	69	H
1	47			NDD										11H	TEH	.610	ZBAZC	113	H
1	74	3.34	35	MCI		P1	TEH	.07			.19	.81	124	TEH	TEH	.610	ZPSNN	61	H
1	74	1.96	28	PID		P1	TEH	.08						TEH	TEH	.610	ZPSNN	63	H
1	74			NDD										11H	TEH	.610	ZBAZC	99	H
1	75	8.20	36	SCI		P1	TEH	.03			.16	.65	100	TEH	TEH	.610	ZPSNN	61	H
1	75	4.07	28	PID		P1	TEH	.03						TEH	TEH	.610	ZPSNN	63	H
1	75	2.59	183	DNG		P1	05H	3.73						11H	TEH	.610	ZBAZC	99	H
1	79	5.93	215	SCI		P1	TEH	.06			.16	.76	116	TEH	TEH	.610	ZPSNN	61	H
1	79	5.40	35	PID		P1	TEH	.09						TEH	TEH	.610	ZPSNN	63	H
1	79			NDD										11H	11C	.580	ZPUMN	69	H
1	79			NDD										11H	TEH	.610	ZBAZC	99	H
10	79	3.31	31	SCI		P1	TEH	.02			.10	.65	100	TEH	TEH	.610	ZPSNM	59	H
10	79	5.40	35	PID		P1	TEH	.02						TEH	TEH	.610	ZPSNN	63	H
10	79			NDD										TEC	TEH	.610	ZBAZC	99	H
1	84	6.89	38	MCI		P1	TEH	.10			.19	.64	98	TEH	TEH	.610	ZPSNN	61	H
1	84	5.15	37	PID		P1	TEH	.09						TEH	TEH	.610	ZPSNN	63	H
1	84			NDD										11H	TEH	.610	ZBAZC	99	H
45	85			NDD										TEH	TEH	.610	ZPSNN	53	H
45	85	1.27	183	PCT	19	P2	AV1	.03						TEC	TEH	.610	ZBAZC	93	H
45	85	5.69	0	PCT	43	P2	AV2	.05						TEC	TEH	.610	ZBAZC	93	H
45	85	.68	164	DFS		1	09C	4.40						TEC	TEH	.610	ZBAZC	93	H
45	85	2.71	76	INR		6	09C	5.16						TEC	TEH	.610	ZBAZC	93	H
45	85	5.94	80	PID		P2	AV2	.05						TEC	TEH	.610	ZBAZC	131	H
45	85	.28	109	VOL		P4	AV1	.03						AV1	AV1	.580	ZPUN4	141	H
45	85	1.50	73	VOL		P4	AV2	.00						AV2	AV2	.580	ZPUN4	141	H
1	87	6.97	36	MCI		P1	TEH	.09			.16	1.02	156	TEH	TEH	.610	ZPSNN	61	H
1	87	7.87	33	PID		P1	TEH	.06						TEH	TEH	.610	ZPSNN	63	H
1	87			NDD										11H	11C	.580	ZPUMN	69	H
1	87			NDD										11H	TEH	.610	ZBAZC	97	H
1	88	12.01	38	SCI		P1	TEH	.11			.13	.98	149	TEH	TEH	.610	ZPSNN	61	H
1	88	7.87	33	PID		P1	TEH	.06						TEH	TEH	.610	ZPSNN	63	H
1	88			NDD										11H	TEH	.610	ZBAZC	97	H
1	89	8.33	44	MCI		P1	TEH	.16			.13	.86	132	TEH	TEH	.610	ZPSNN	61	H
1	89	6.85	32	PID		P1	TEH	.09						TEH	TEH	.610	ZPSNN	63	H

SG - A Tubes Plugged During A2R13

Braidwood 2 A2R13 CDE 20080401 05/06/2008 02:13:33

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
1	89			NDD										11H	11C	.580	ZPUMN	69	H
1	89	1.93	61	MBM		6	08H	7.00						11H	TEH	.610	ZBAZC	97	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

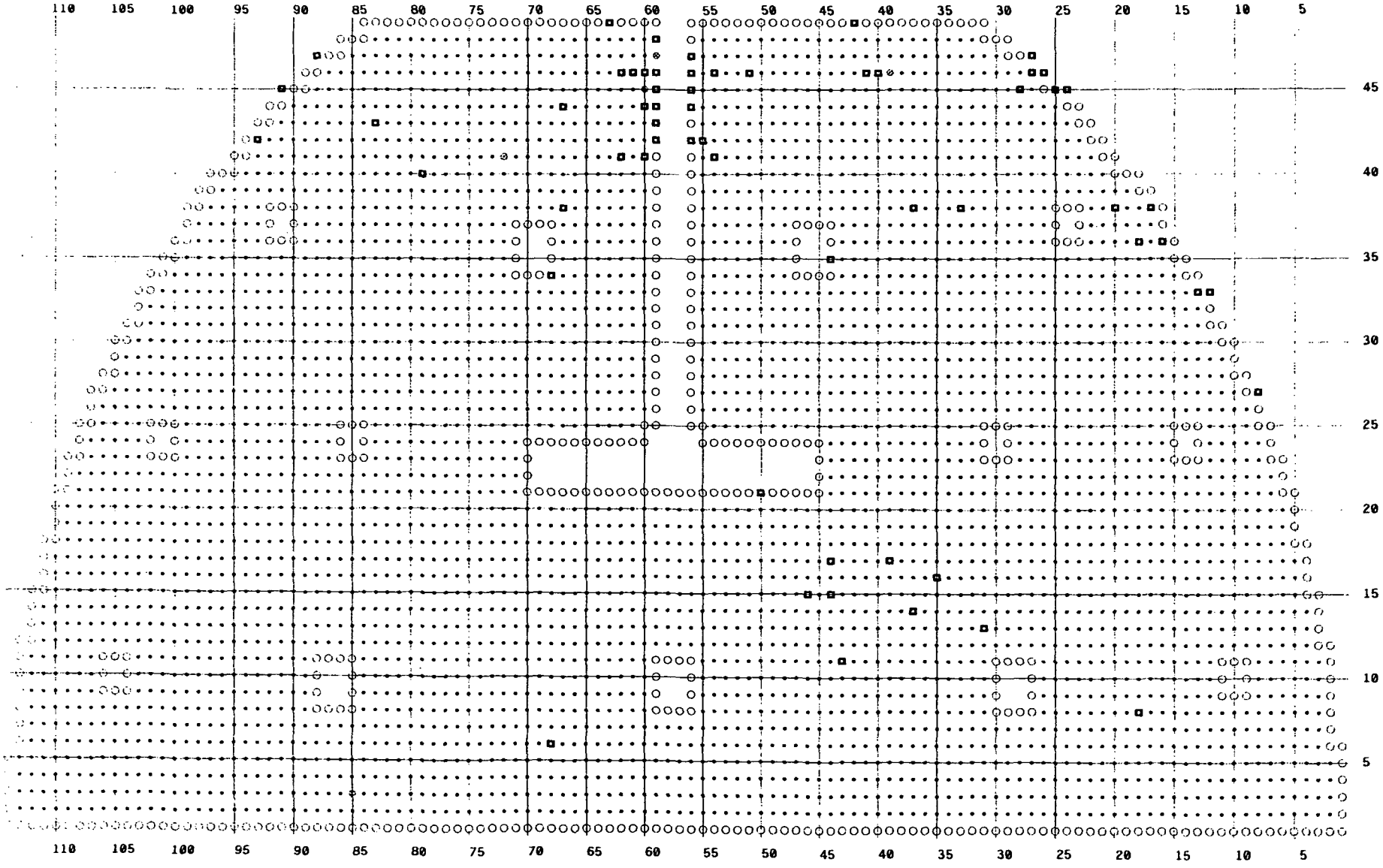
Tubes: 17 Records: 66

SG-C TUBES PLUGGED IN A2R13

Braidwood A2R13 CDE D5

⊗ 5 TUBE PLUGGED IN THE HOT AND COLD LEGS

▫ 60 PLUGGED TUBE



ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
46	39			NDD										TEH	TEH	.610	ZPSNM	35	H
46	39	2.51	0	PCT	28	P2	AV2	.15						TEC	TEH	.610	SBACC	117	H
46	39	5.18	0	PCT	40	P2	AV3	.00						TEC	TEH	.610	SBACC	117	H
46	39	5.31	0	PID		P2	AV3	.00						TEC	TEH	.610	SBACC	159	H
47	59			NDD										TEH	TEH	.610	ZPSNM	49	H
47	59	1.19	0	PCT	19	P2	AV1	.00						TEC	TEH	.610	SBACC	125	H
47	59	5.55	0	PCT	41	P2	AV2	-.03						TEC	TEH	.610	SBACC	125	H
47	59	1.47	0	PCT	22	P2	AV3	-.35						TEC	TEH	.610	SBACC	125	H
47	59	5.79	0	PID		P2	AV2	-.03						TEC	TEH	.610	SBACC	159	H
45	60			NDD										TEH	TEH	.610	ZPSNN	47	H
45	60	4.99	0	PCT	40	P2	AV2	.00						TEC	TEH	.610	SBACC	123	H
45	60	1.36	0	PCT	19	P2	AV3	.00						TEC	TEH	.610	SBACC	123	H
45	60	1.05	76	MBM		6	05C	8.12						TEC	TEH	.610	SBACC	123	H
45	60	4.99	0	PID		P2	AV2	.00						TEC	TEH	.610	SBACC	159	H
41	72			NDD										TEH	TEH	.610	ZPSNN	67	H
41	72	2.95	0	PCT	30	P2	AV2	.00						TEC	TEH	.610	SBACC	127	H
41	72	5.02	0	PCT	40	P2	AV3	-.12						TEC	TEH	.610	SBACC	127	H
41	72	4.58	0	PID		P2	AV3	-.12						TEC	TEH	.610	SBACC	159	H
3	85	.14	115	DFI		1	05C	2.96						11C	TEC	.610	SBACC	2	C
3	85	.09	82	SVI		P4	05C	2.98						05C	06C	.610	ZPSNN	10	C
3	85	.09	252	PCT	11	2	05C	2.98			.18	.33	50	05C	06C	.610	ZPSNN	10	C
3	85	.09	73	PID		P4	05C	2.96						05C	06C	.610	ZPSNN	12	C
3	85			NDD										TEH	TEH	.610	ZPSNN	65	H
3	85			NDD										11C	TEH	.590	SBUCC	149	H

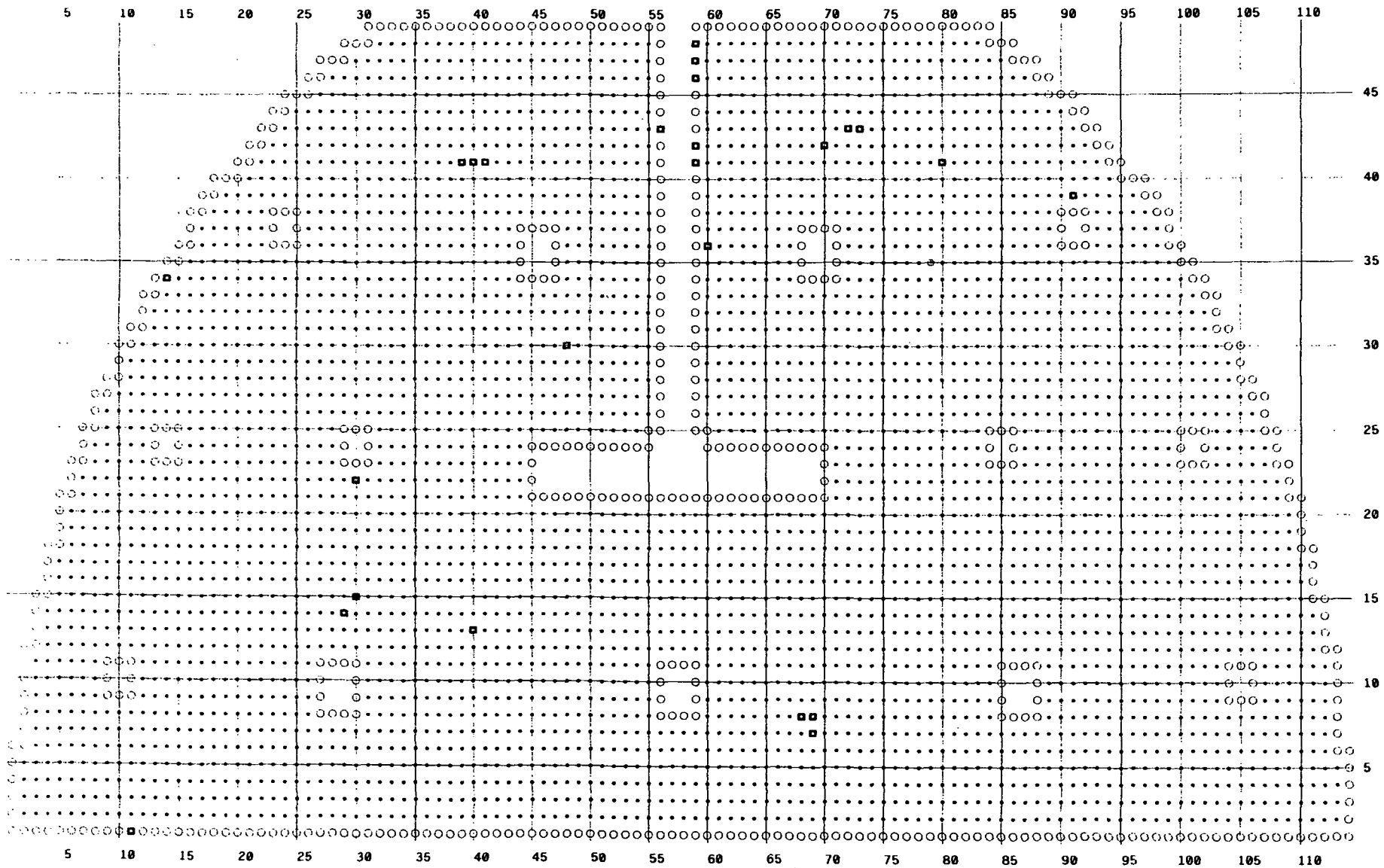
Tubes: 5 Records: 24

SG-D TUBES PLUGGED IN A2R13

Braidwood A2R13 CDE D5

⊕ 1 TUBE PLUGGED IN THE HOT AND COLD LEGS

◘ 25 PLUGGED TUBE



SG - D TUBES PLUGGED IN A2R13

Braidwood 2 A2R13 CDE 20080401 05/06/2008 18:41:03

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
35	79			NDD										TEH	TEH	.610	ZPSNN	49	H
35	79	1.89	0	PCT	25	P2	AV2	.08						TEC	TEH	.610	ZBAZC	85	H
35	79	5.08	0	PCT	40	P2	AV3	-.19						TEC	TEH	.610	ZBAZC	85	H
35	79	1.01	0	PCT	18	P2	AV4	.00						TEC	TEH	.610	ZBAZC	85	H
35	79	4.94	0	PID		P2	AV3	-.19						TEC	TEH	.610	SBACC	125	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CRWID	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

Tubes: 1 Records: 5