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The Northeast Utilities System

Docket No. 50-423
Re: 10CFR50.36

August 11, 1994
MP-94-493

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

Millstone Nuclear Power Station, Unit No. 3
Steam Generator Tube Inservice Inspection Report

This special report is being submitted within 12 months following the completion of the fourth Inservice Eddy Current Inspection (ECT) of the Millstone Unit No.3 Steam Generator (S/G) tubes pursuant to Technical Specification 4.4.5.5.b.

The end of cycle 4 steam generator tube inspection was completed on August 21, 1993, during the fourth refueling outage (RFO4). A total of 8010 tubes or 35.6 percent of the total tubes in all generators were examined by full length bobbin coil inspection. This examination significantly exceeds that required by Technical Specification 4.4.5.2. Additionally, all tubes in Steam Generators A and C, which were not examined during the second refueling outage (i.e., May 1989, RFO2), were examined during this inspection. This fulfills an EPRI Steam Generator Examination guideline which suggests inspecting 100% of the tubes in a given S/G over a five year period. Attachment A, Table 1, "Millstone 3 1993 ECT Summary", provides a brief synopsis of the results of the steam generator tube inspection. Additional information providing details of the inspection plan and ECT results are provided in Attachments B and C.

The inspections were performed in Steam Generators 'A' and 'C'. The initial inspection plan consisted of 3660 tubes in each steam generator. Evaluation of these results identified that the 'C' Steam Generator was a C-1 Classification and that steam generator 'A' was a C-2 Classification. The C-2 category resulted from the identification of "one or more tubes, but not more than 1% of the total tubes inspected" as defective. The required action was to inspect an additional '2S' sample (i.e., 12%) in S/G A. The 690 tube expansion identified no additional defective tubes and placed S/G A into a C-1 Category.

A047
11

The one tube which required plugging in the 'C' Steam Generator did not require the classification of that S/G in the C-2 Category. A review of previous ECT data for that tube (1989 RFO2) confirmed that neither of the two defects had progressed more than 10% throughwall after two complete cycles of operation. Therefore, these defects are not included in the determination of the inspection category.

Attachment A, Table 2, "ECT Testing Performed During RFO4," provides a summary of testing performed. In addition to the full length bobbin inspection, rotating probe tests were performed at 71 tube locations. This included 47 tubesheet locations potentially susceptible to Primary Water Stress Corrosion Cracking (PWSCC). The rotating probe test confirmed the absence of service induced tube degradation within the tube sheet, at the expansion transition, within the free span, and at the tube supports.

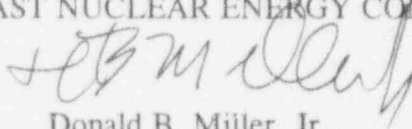
Eddy Current Testing identified flaws greater than or equal to the plugging limit in seven tubes (six in S/G 'A' and one in S/G 'C'). The plugging limit is defined in Technical Specifications as an imperfection depth of 40 percent nominal tube wall thickness. All seven tubes exhibited degradation attributed to Anti-Vibration Bar (AVB) wear. These tubes are identified in Attachment A, Table 3, "Tubes Plugged During RFO4," and were removed from service utilizing Westinghouse Alloy 690 Tapered Mechanical Plugs on August 21, 1993. Attachment A, Table 4 provides an historical listing of all tubes plugged on Millstone Unit 3.

During RFO4, eight Westinghouse Inconel 600 mechanical plugs, determined to be susceptible to cracking, were repaired. The repair included the removal (by drilling) and replacement of the mechanical plugs from the A and C hot leg plenums. The actual locations are identified in Attachment A, Table 5, "S/G Tube Plug Repairs". All Plugs were replaced with Inconel 690 mechanical plugs. Similar repairs are scheduled for the three remaining Alloy 600 plugs in the B and D Steam Generators during RFO5.

One unexpected finding during the plug removal was that one of the eight tubes (S/G A, R50/C95) contained a 100% throughwall defect. The defect was at the 5th anti-vibration bar location. The defect apparently had grown from 43% throughwall in May 1989. To prevent the tube from severing at the defect and contacting adjacent tubes, a stabilizer was inserted prior to replugging.

The licensee contact for this report is Larry Loomis, who may be reached at (203) 447-1791, Extension 5468.

Very truly yours,
NORTHEAST NUCLEAR ENERGY COMPANY



Donald B. Miller, Jr.
Vice President, Millstone Station

DBM/lel

Enclosures : Attachments A, B, C

cc:

T. T. Martin, Region I Administrator

P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3

V. L. Rooney, NRC Project Manager, Millstone Unit 3

ATTACHMENT A

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Table 1 - Millstone 3 1993 ECT Summary

Table 2 - Testing Performed During RFO4

Table 3 - Tubes Plugged During RFO4

Table 4 -Total Tubes Plugged To Date

Table 5 - Plug Repairs

Table 1 - **MILLSTONE 3 1993 ECT SUMMARY**

DESCRIPTION	S/G A	S/G C	TOTAL *
Number of Tubes	5626	5626	22504
Number of Tubes Inspected	4350	3660	8010
Tubes with maximum flaw > 40 %	6	1	7
Tubes with Flaws > 20% but < 40%	40	14	54
Tubes Plugged as a Result of this Inspection	6	1	7

* All four Steam Generators

Table 2- **TESTING PERFORMED DURING RFO4**

Test Method	Area Examined	S/G A Hot Leg	S/G A Cold Leg	S/G C Hot Leg	S/G C Cold Leg	Total
Bobbin	Full length	4350		3660		8010
RPC	Within Tubesheet	15	0	0	0	15
RPC	Expansion Transition	10	0	24	0	34
RPC	Free Span	7	10	2	0	19
RPC	Tube Supports	2	1	0	0	3

Table 3- **TUBES PLUGGED DURING RFO4**

ROW	COLUMN	S/G	ROW	COLUMN	S/G
40	63	A	53	90	A
42	79	A	54	52	A
48	98	A			
50	59	A	50	92	C

Table 4- TOTAL TUBES PLUGGED TO DATE

	SG#	Row	Col	% Throughwall	Location
Fabrication	A	12	100		
	B	14	21		
	B	40	17		
	C	36	94		
	C	56	73		
Preservice June 1985	A	25	61	73%	02C +1.1"
	A	29	60	78%	02C +32.2
	B	32	71	Bulge	TSH
	C	1	1	69 %	CL Tangent
	D	1	122	78%	CL Tangent
Nov 1987- RFO1	A	50	94	34%	AV5
	D	48	98	32%	AV4
May 1989 - RFO2	A	1	122	36%	HL Tangent
	A	48	97	51%	AV5
	A	50	28	43%	AV3
	A	50	95	45%	AV5
Feb 1991 - RFO3	D	43	42	41%	AV5
	D	43	103	41%, 42%	AV4, AV3
	D	53	86	53%, 43%, 48%	AV3, AV4, AV5
	D	53	88	41%	AV5
	D	53	90	47%, 40%	AV4, AV5
Aug 1993 - RFO4	A	40	63	61%	AV2
	A	42	79	46%	AV4
	A	48	98	53%, 44%	AV3, AV5
	A	50	59	44%	AV4
	A	53	90	54%, 40%, 41%	AV2, AV4, AV5
	A	54	52	50%, 56%, 43%	AV2, AV3, AV6
	C	50	92	44%, 45%	AV3, AV4

Table 5- Plug Repairs

S/G	ROW	COLUMN		S/G	ROW	COLUMN
A	1	122		A	50	28
A	25	61		A	50	94
A	29	60		A	50	95
A	48	97		C	1	1

ATTACHMENT B

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15	S/G- A Tube Repair History Map

Figure 1- SG-A Bobbin Inspection Program

INCLUDES EXPANSIONS
Millstone Unit 3

NEU-A SERIES F

08-26-1993

08:32 HRS.

SUPERTUBIN

X : 3660 TEST FULL LENGTH -
(ORIGINAL PROGRAM)

K : 2 TEST FULL LENGTH -
(EXP 1 - BOX IN LEAK)

E : 688 TEST FULL LENGTH -
(EXP 2 - ROWS 30 AND UP - NOT
TESTED IN ORIGINAL PLAN)

□ : 8 PLUGGED TUBE

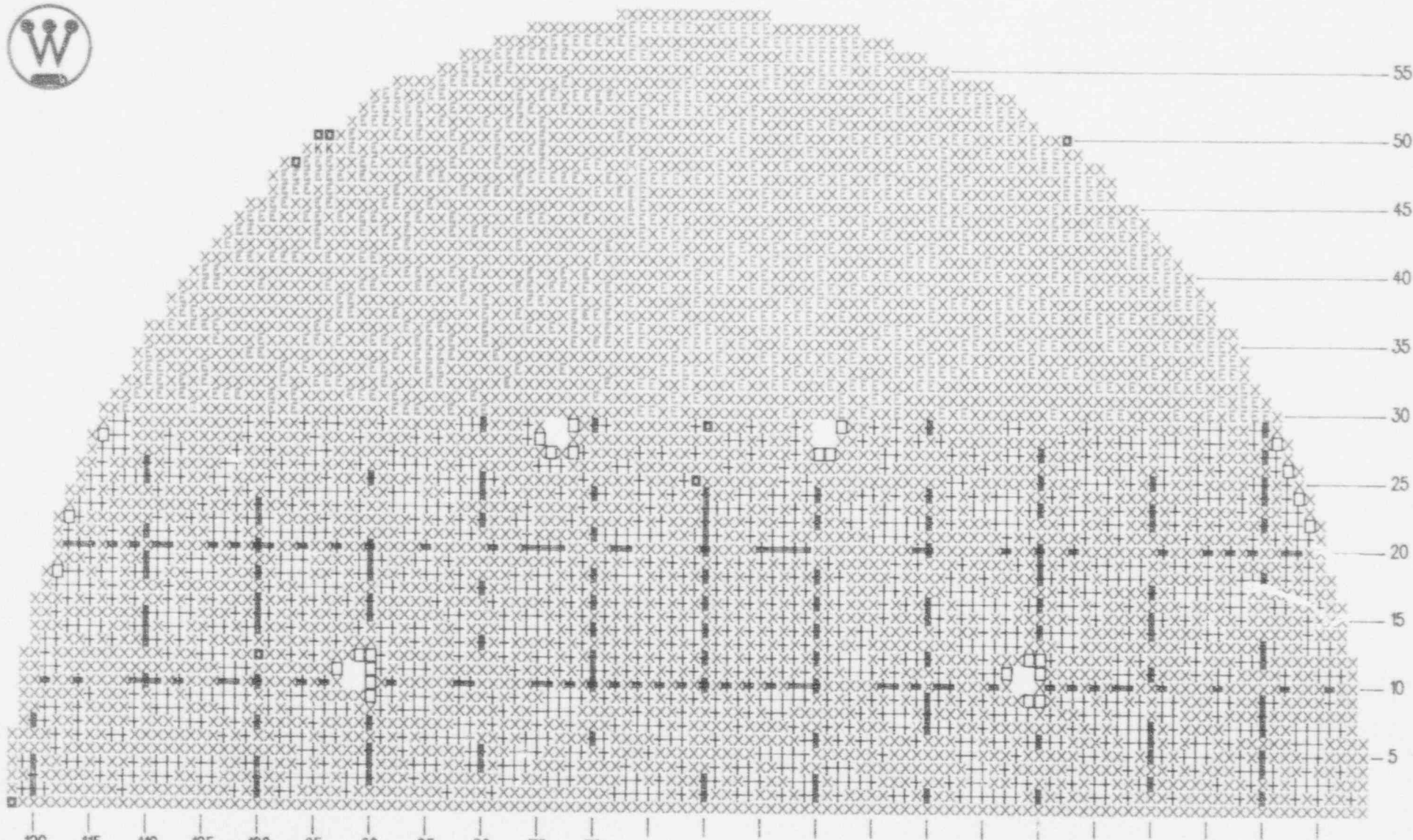


Figure 2- S/G-A Hot Leg RPC Program

X : 30 SEE SHEET FOR RPC EXTENTS

■ : 2 PLUGGED TUBE

Millstone Unit 3

NEU-A SERIES F

09-03-1993

12:36 HRS.

SUPERTUBIN

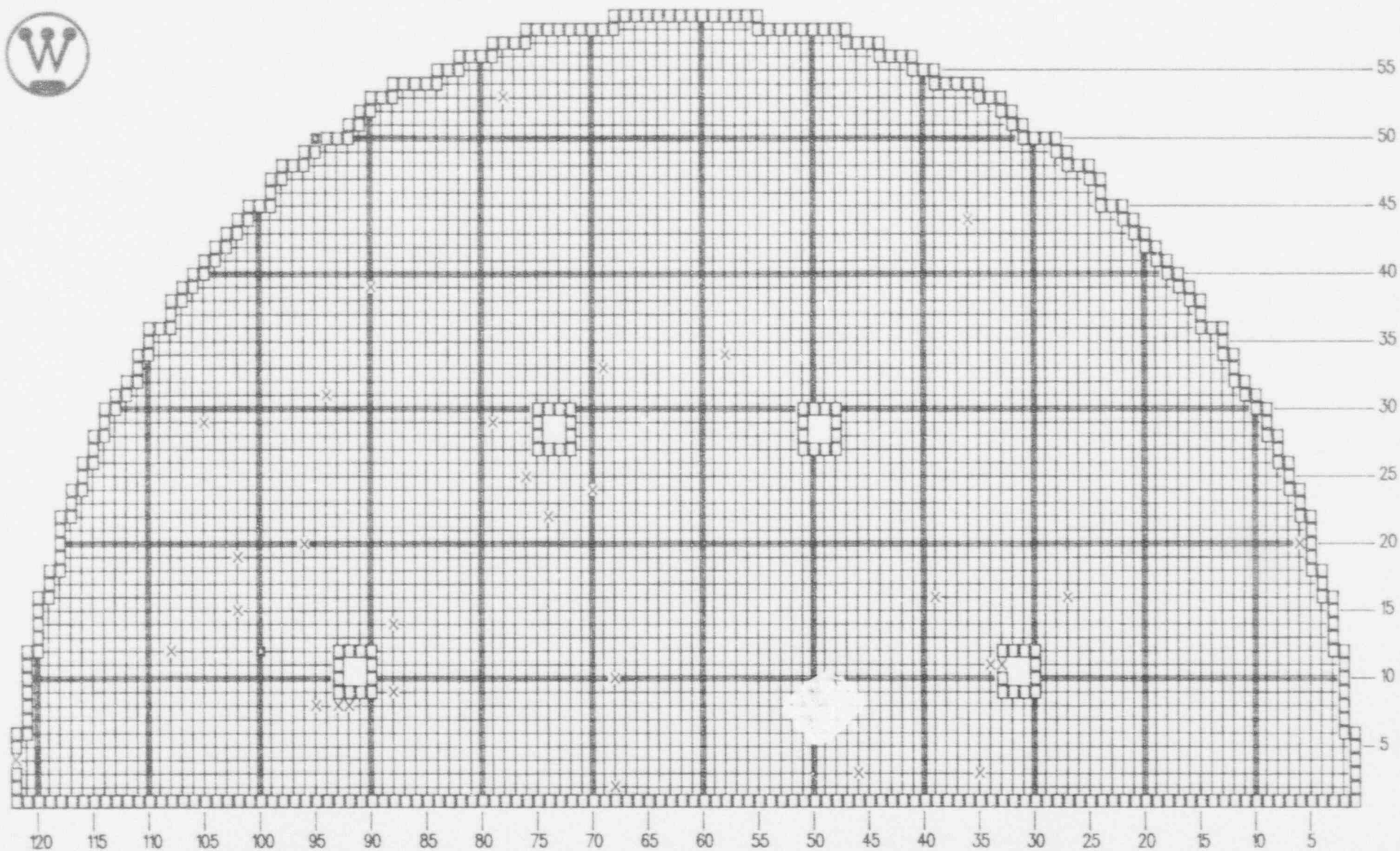


Figure 3- S/G-A Cold Leg RPC Program

× : 8 SEE SHEET FOR RPC TEST EXTENTS

■ : 8 PLUGGED TUBE

Millstone Unit 3

NEU-A SERIES F

09-03-1993

12:44 HRS.

SUPERTUBIN

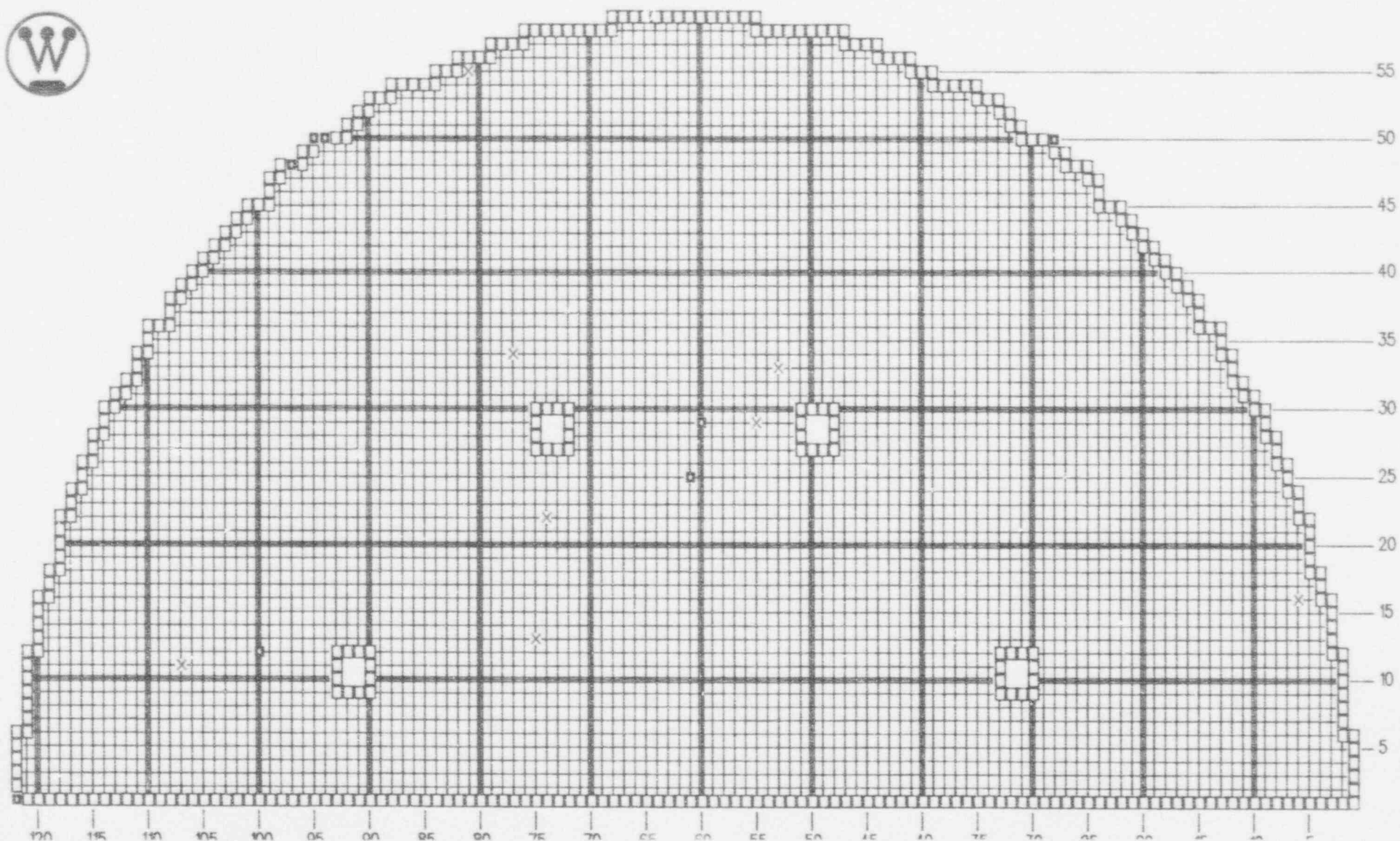


Figure 4- S/G-A Tubes With Indications- AVB Region

AVB REGION - MOST SEVERE % PER TUBE
Millstone Unit 3 NEU-A SERIES F

09-02-1993

08:48 HRS.

SUPERTUBIN

6	:	1 INDICATION	60 THRU	69%
5	:	3 INDICATION	50 THRU	59%
4	:	2 INDICATION	40 THRU	49%
3	:	6 INDICATION	30 THRU	39%
2	:	31 INDICATION	20 THRU	29%
1	:	41 INDICATION	1 THRU	19%

■ : 8 PLUGGED TUBE

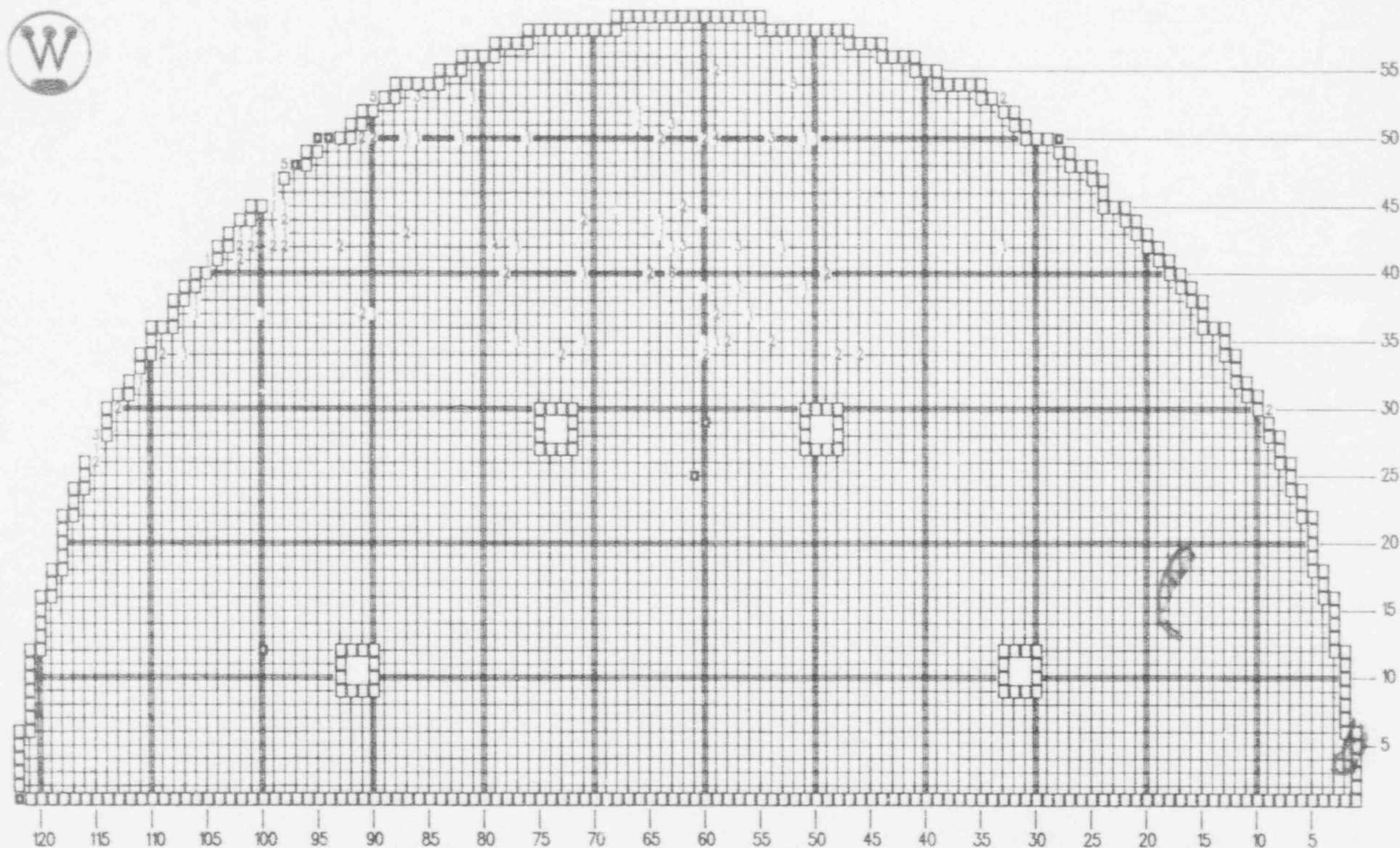


Figure 5- S/G A Tubes With Indications- Hot Leg

HOT LEG - MOST SEVERE % PER TUBE
 Millstone Unit 3 NEU-A SERIES F

09-02-1993 13:52 HRS. SUPERTUBIN

3 : 2 INDICATION 30 THRU 39%

1 : 2 INDICATION 1 THRU 19%

■ : 8 PLUGGED TUBE

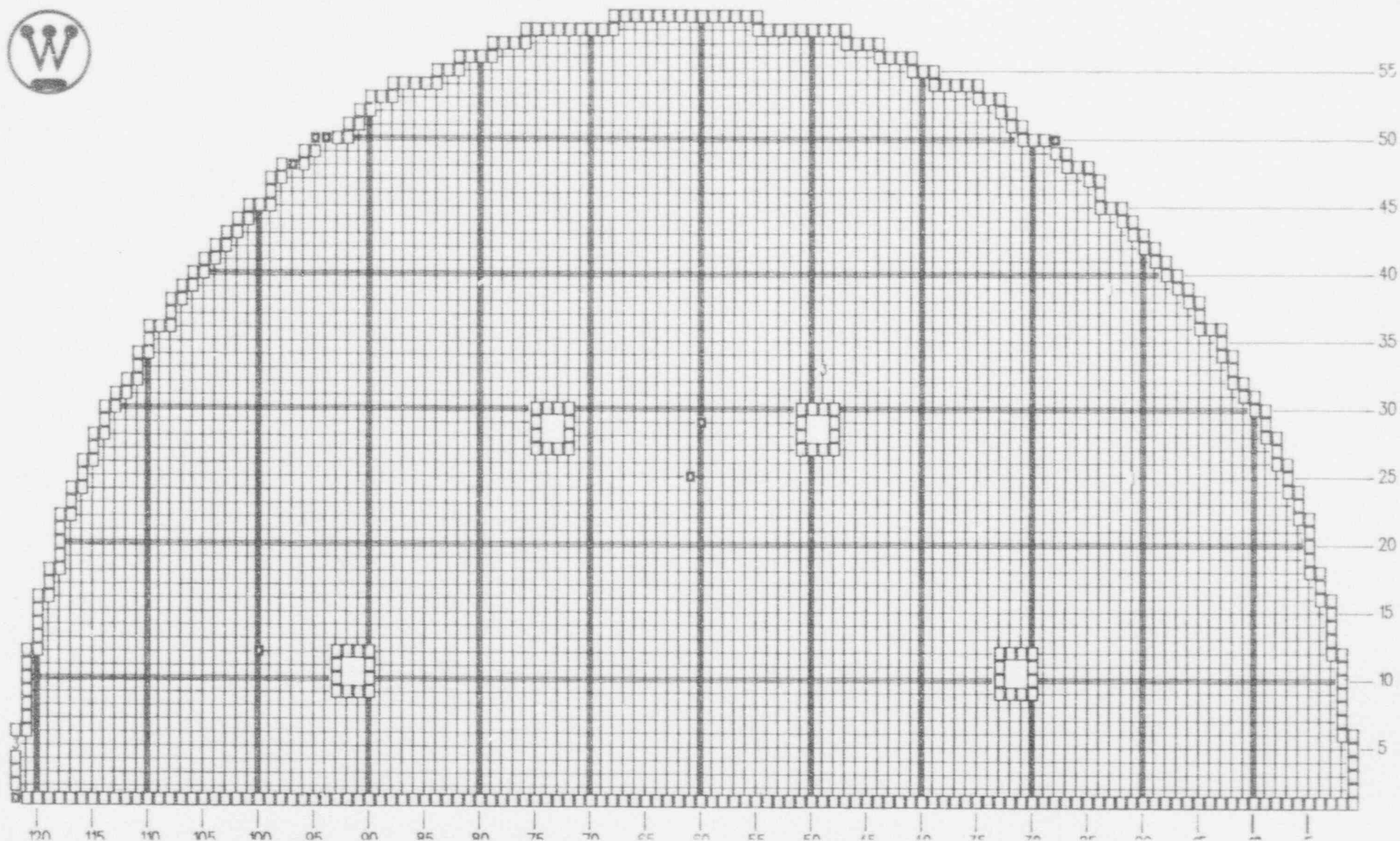


Figure 6- S/G A Tubes With Indications- Cold Leg

COLD LEG - MOST SEVERE % PER TUBE
 Millstone Unit 3 NEU-A SERIES F

09-02-1993 08:53 HRS. SUPERTUBIN

3 : 2 INDICATION 30 THRU 39%

1 : 2 INDICATION 1 THRU 19%

□ : 8 PLUGGED TUBE

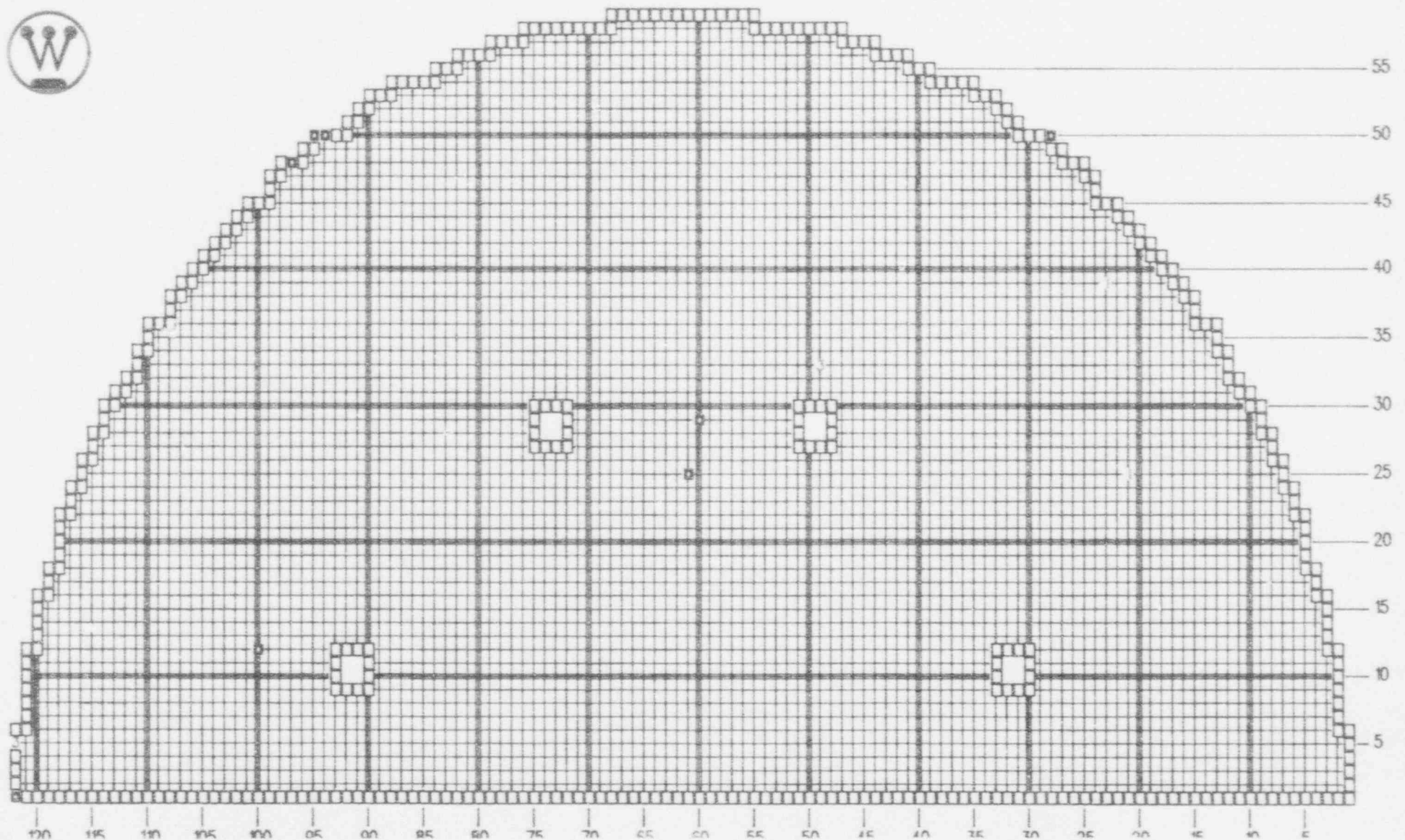


Figure 7- S/G- A Plugged RFO4

△ : 6 DEFECTIVE TUBE PLUGGED WITH
SOLID MECH. PLUG HOT AND
COLD LEGS

X : 1 TUBE STABILIZED AND RE-PLUGGED
WITH A SOLID MECH. PLUG
HOT LEG; ALREADY PLUGGED COLD
LEG

* : 6 TUBE RE-PLUGGED IN HOT LEG
WITH A SOLID MECH. PLUG;
ALREADY PLUGGED IN COLD LEG

□ : 1 EXISTING PLUGGED TUBE

Millstone Unit 3

NEU-A SERIES F

09-07-1993

09:39 HRS.

SUPERTUBIN

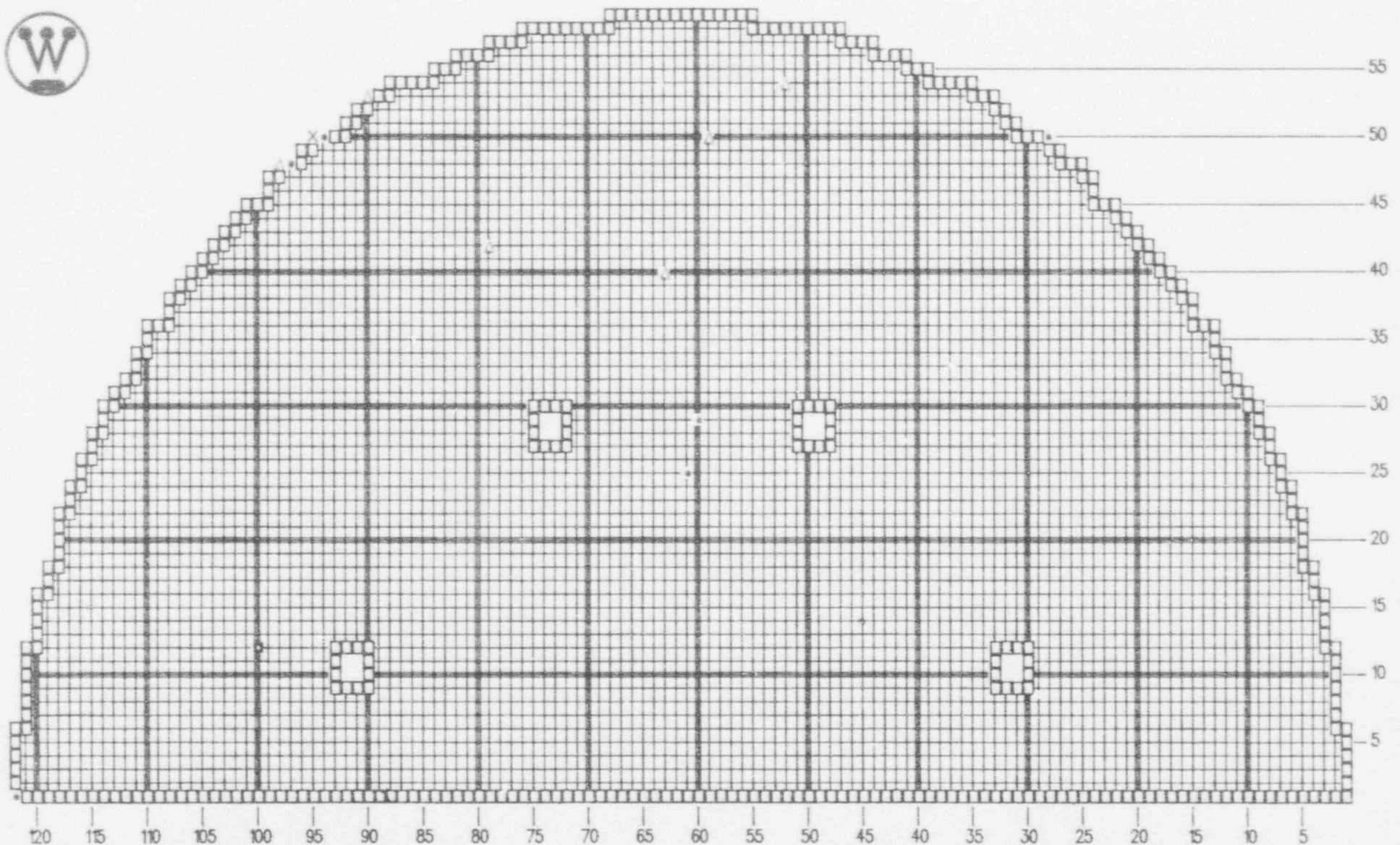


Figure 8- S/G- A Tube Repair History Map

Millstone Unit 3

09-08-1995

08:18 HRS.

SUPERTUBIN

A : 1 02/84; MP (FABRICATION)

D : 3 08/93; MP NX7252HK HL;
MP CL 05/89

B : 2 08/93; MP NX7252HK HL;
MP CL (PRESERVICE) 06/85

C : 1 08/93; MP NX7252HK HL;
MP CL 11/87

E : 1 08/93; MP NX7252HK HL;
STABILIZED TEH THRU TEC;
MP CL 05/89

F : 6 08/93; MP NX7252HK

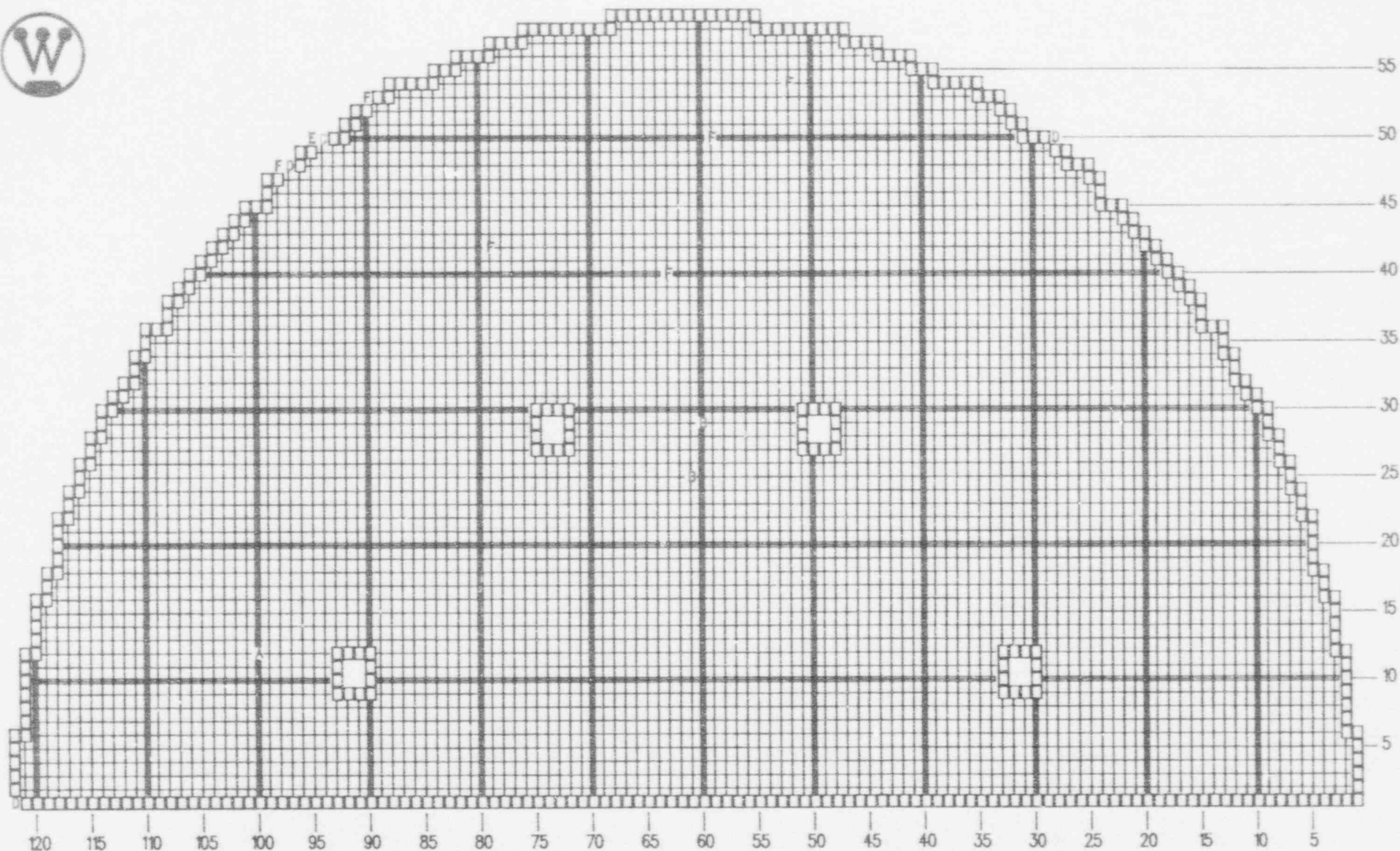


Figure 9- SG-C Bobbin Inspection Program

HOT LEG

Millstone Unit 3

NEU-C SERIES F

08-25-1993 15:17 HRS.

SUPERTUBIN

X : 3462 TEST FULL LENGTH .560 PROBE

/ : 77 TEST FULL LENGTH .540 PROBE

U : 121 TEST 8C THRU TEH .540 PROBE

□ : 2 PLUGGED TUBE



Figure 10- S/G-C Hot Leg RPC Program

× : 26 SEE ATTACHED SHEET FOR TEST EXTENTS

■ : 3 PLUGGED TUBE

Millstone Unit 3

NEU-C SERIES F

09-08-1993

11:45 HRS.

SUPERTUBIN

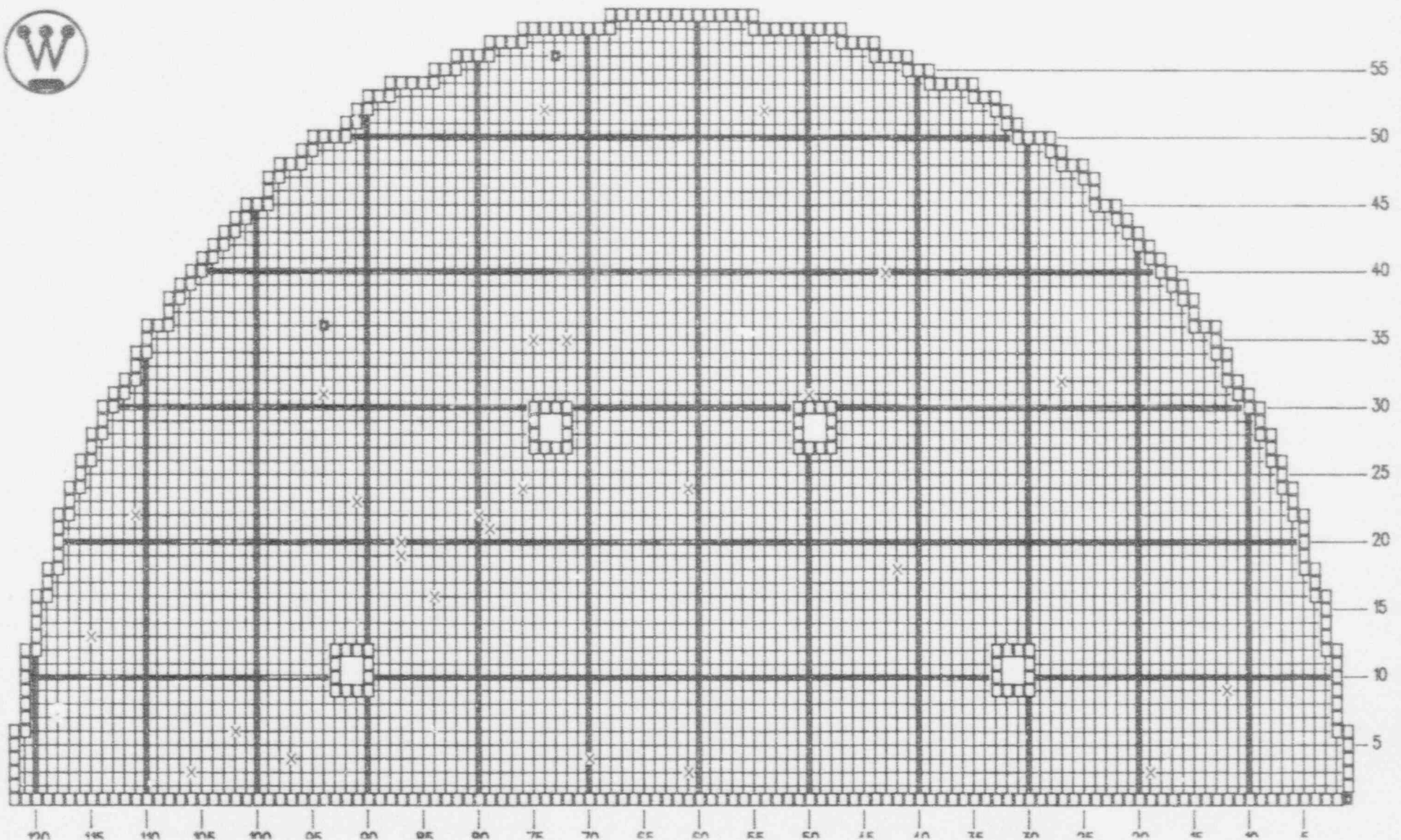


Figure 11- S/G-C Tubes With Indications- AVB
Region

AVB REGION — MOST SEVERE % PER TUBE
Millstone Unit 3 NEU-C SERIES F

09-02-1993

14:00 HRS.

SUPERTUBIN

4 : 1 INDICATION 40 THRU 49%
3 : 3 INDICATION 30 THRU 39%
2 : 10 INDICATION 20 THRU 29%
1 : 1 INDICATION 1 THRU 19%

■ : 3 PLUGGED TUBE

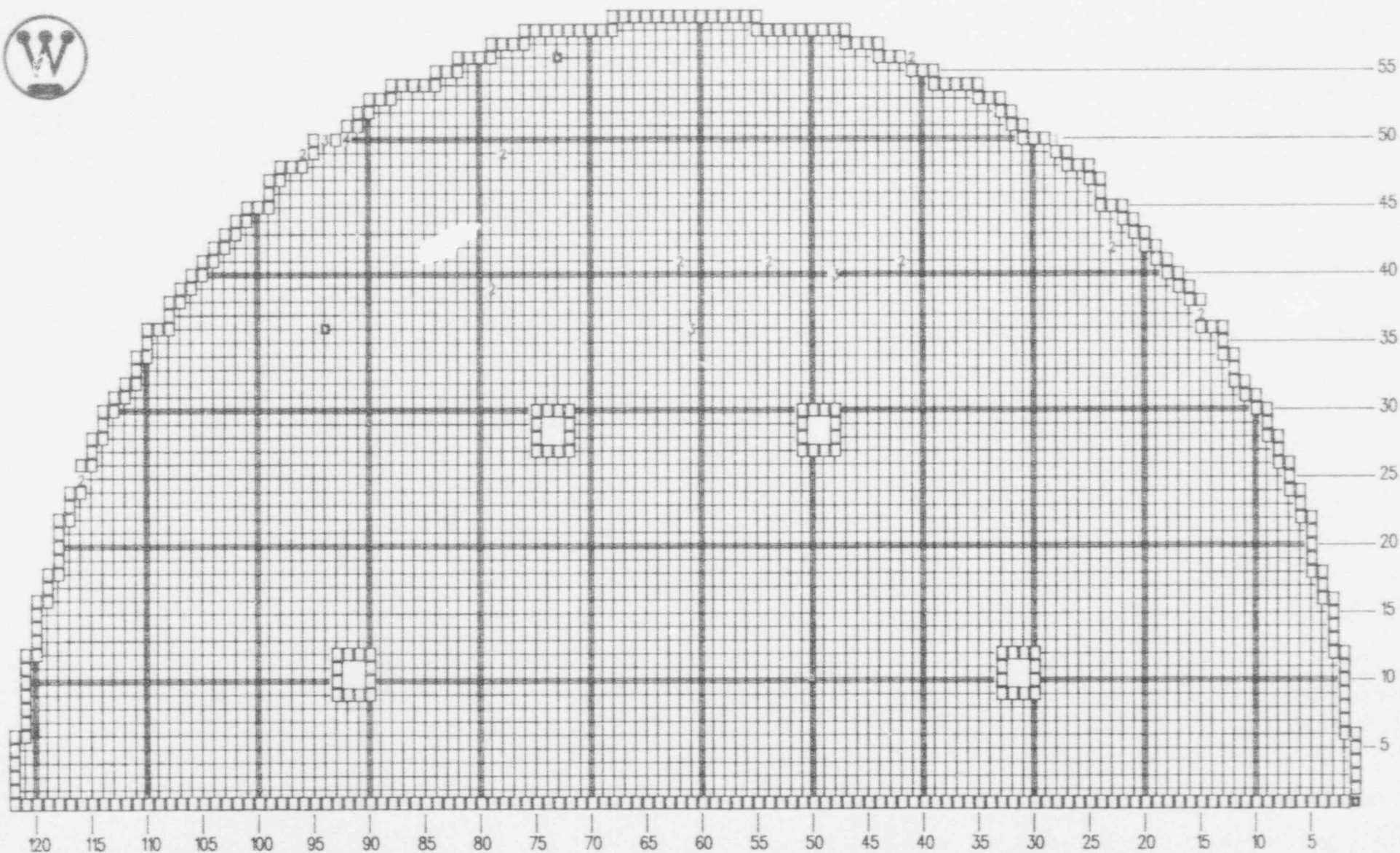


Figure 12- S/G C Tubes With Indications- Hot Leg

THERE WERE NO HOT LEG PERCENT INDICATIONS CALLED

HOT LEG - MOST SEVERE % PER TUBE
Millstone Unit 3 NEU-C SERIES F

■ : 3 PLUGGED TUBE

09-02-1993 13:51 HRS. SUPERTUBIN

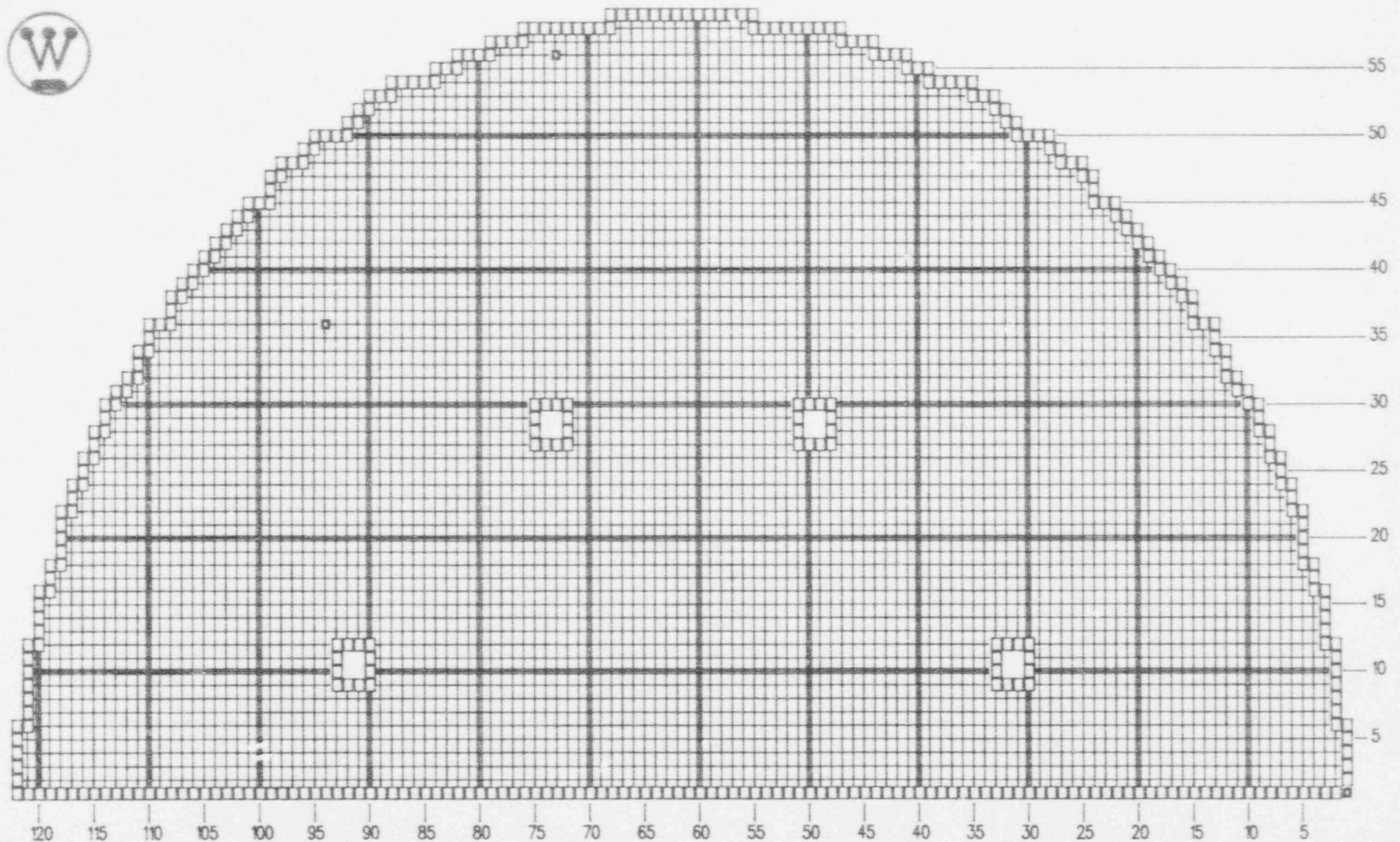


Figure 13- S/G C Tubes With Indications- Cold Leg

2 : 1 INDICATION 20 THRU 29%

1 : 1 INDICATION 7 THRU 19%

□ : 3 PLUGGED TUBE

COLD LEG

Millstone Unit 3

NEU-C SERIES F

09-02-1993

09:19 HRS.

SUPERTUBIN

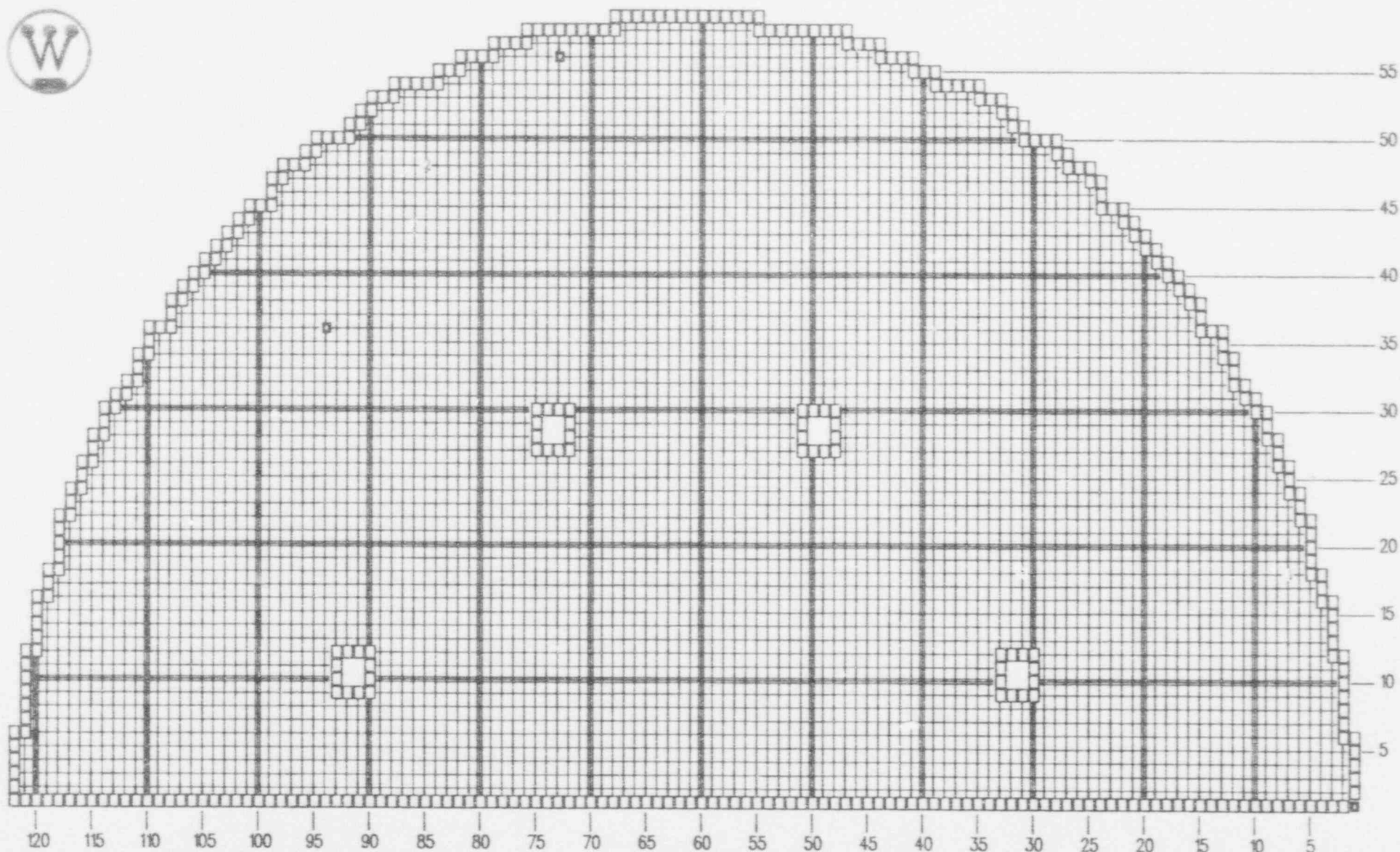


Figure 14- S/G- C Plugged RFO4

Millstone Unit 3

NEU-C SERIES F

08-25-1993

15:46 HRS.

SUPERTUBIN

△ : 1 DEFECTIVE TUBE PLUGGED
WITH A SOLID MECH. PLUG
HOT AND COLD LEGS

* : 1 PLUG REMOVED & TUBE RE-PLUGGED
WITH A SOLID MECH. PLUG
HOT LEG

□ : 2 EXISTING PLUGGED TUBE

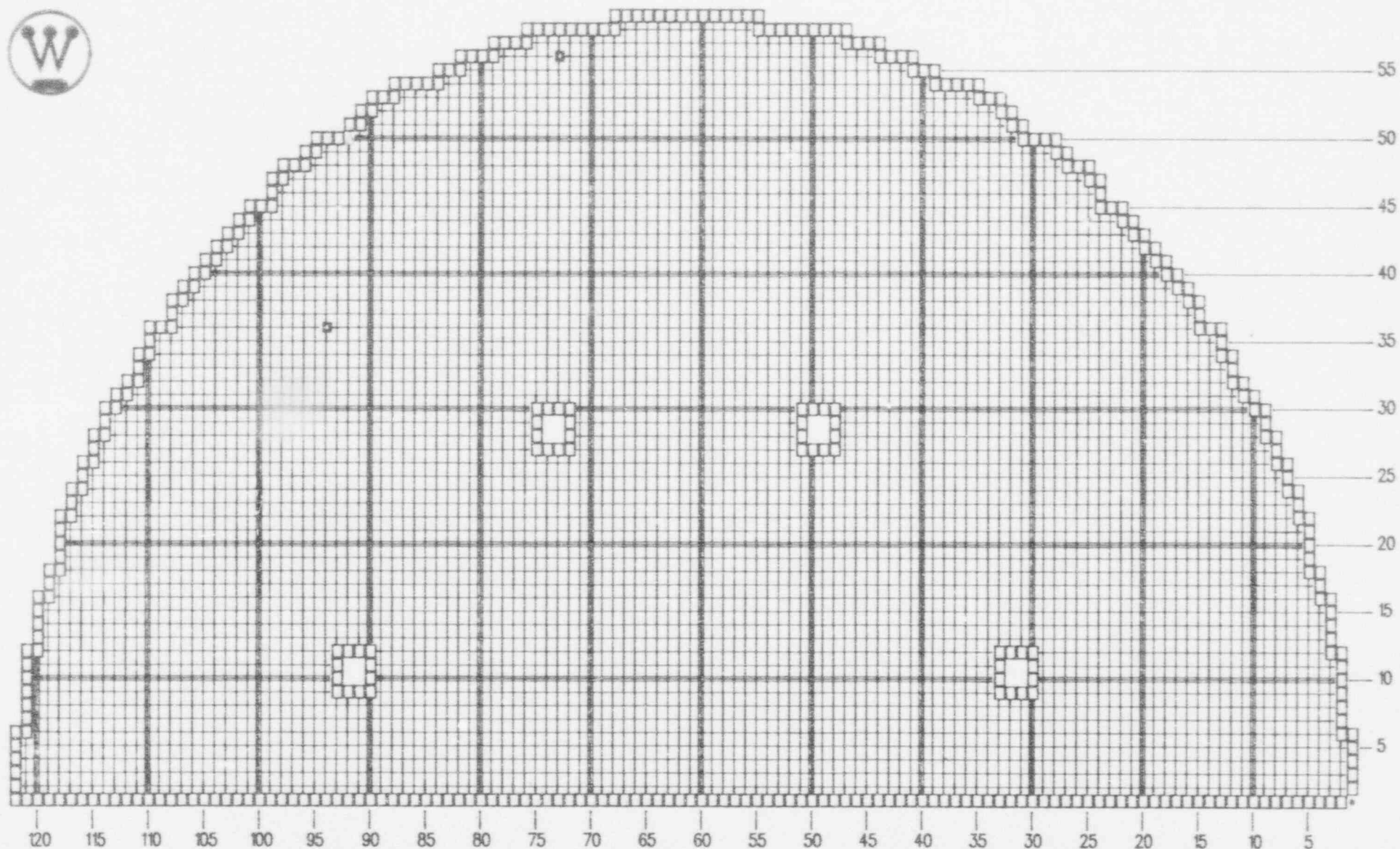


Figure 15- S/G- A Tube Repair History Map

Millstone Unit 3

09-08-1993

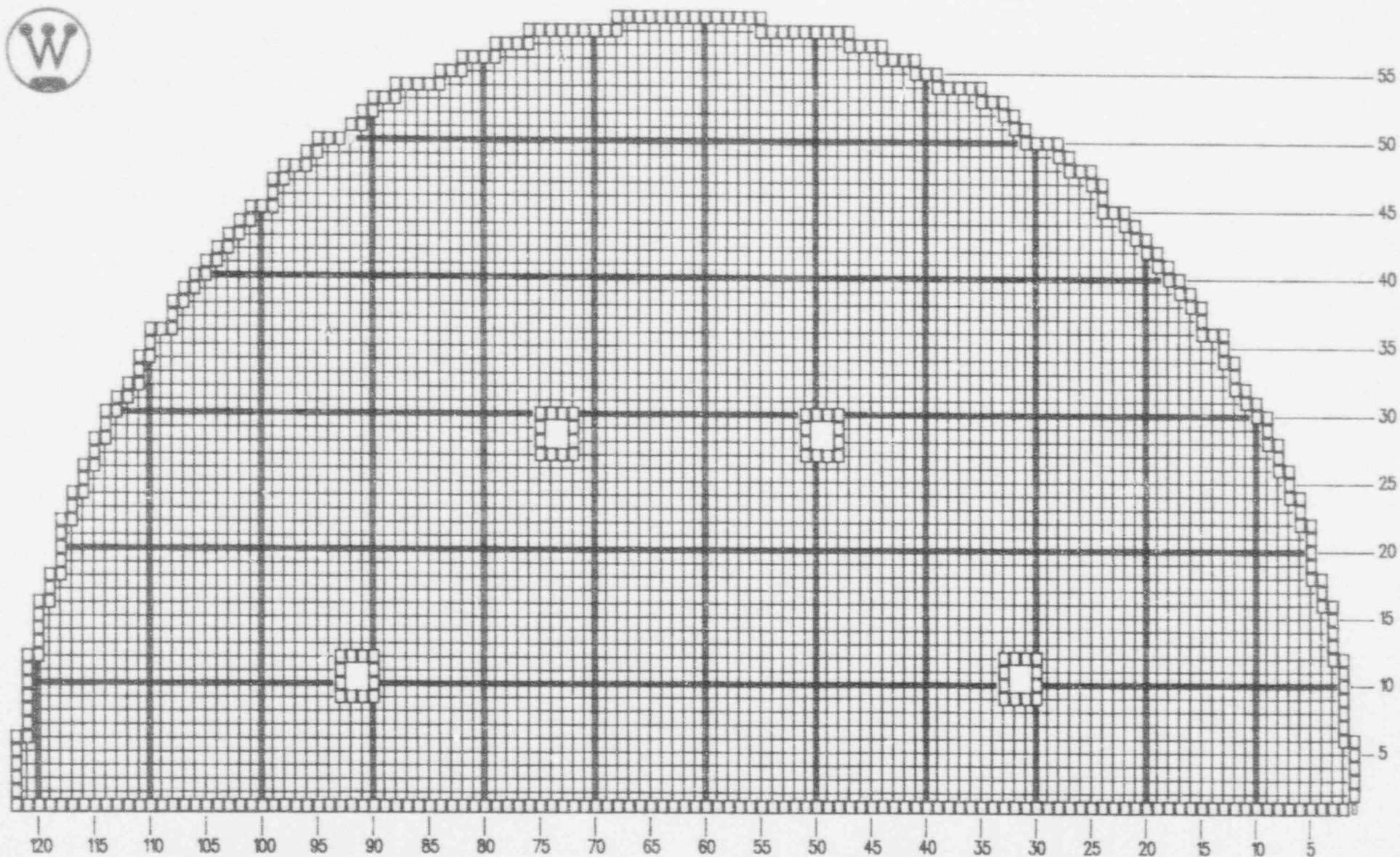
09:46 HRS.

SUPERTUBIN

A : 2 02/84; MP (FABRICATION)

B : 1 08/93; MP NX7252HK HL;
MP CL (PRESERVICE) 06/85

C : 1 08/93; MP NX7252HK



ATTACHMENT C

TABLE A - SG-A -AVB PERCENT THRU WALL
INDICATIONS

TABLE B - S/G-A HISTORICAL ECT RESULTS FOR AVB
FLAWS \geq 20% TW IN 1993

TABLE C - S/G A HOT LEG PERCENT THRU WALL
INDICATIONS

TABLE D - S/G A COLD LEG PERCENT THRU WALL
INDICATIONS

TABLE E - SG-C -AVB PERCENT THRU WALL
INDICATIONS

TABLE F - S/G-C HISTORICAL ECT RESULTS FOR AVB
FLAWS \geq 20% TW IN 1993

TABLE G - S/G C HOT LEG PERCENT THRU WALL
INDICATIONS

TABLE H - S/G C COLD LEG PERCENT THRU WALL
INDICATIONS

TABLE A - SG-A -AVB PERCENT THRU WALL INDICATIONS

Millstone Unit 3

NEU -A/F

INSPECTION: Aug-93

2-Sep-93 8:49

ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
30	9	TEC	TEH	560-EB	25	AV5	.00	.00	M2	1.24	1		RESULT OF DISCREPANCY RESOLUTION
42	33	TEC	TEH	560-EB	13	AV3	.00	.00	M2	.55	19		RESULT OF DISCREPANCY RESOLUTION
53	33	TEC	TEH	560-EB	25	AV5	.00	.00	M2	1.31	19		RESULT OF DISCREPANCY RESOLUTION
34	46	TEC	TEH	560-EB	17	AV5	.00	.00	M2	.78	29		
34	46	TEC	TEH	560-EB	20	AV6	.00	.00	M2	.94	29		RESULT OF DISCREPANCY RESOLUTION
34	48	TEC	TEH	560-EB	22	AV3	.00	.00	M2	1.19	31		
40	49	TEC	TEH	560-EB	13	AV2	.36	.00	M2	.64	31		RESULT OF DISCREPANCY RESOLUTION
40	49	TEC	TEH	560-EB	15	AV3	.30	.00	M2	.72	31		
40	49	TEC	TEH	560-EB	22	AV4	.21	.00	M2	1.18	31		
40	49	TEC	TEH	560-EB	15	AV5	.00	.00	M2	.72	31		
40	49	TEC	TEH	560-EB	12	AV6	.00	.00	M2	.58	31		RESULT OF DISCREPANCY RESOLUTION
50	50	TEC	TEH	560-EB	14	AV4	.00	.00	M2	.67	31		
39	51	TEC	TEH	560-EB	11	AV3	.00	.00	M2	.50	33		
50	51	TEC	TEH	560-EB	17	AV4	.00	.00	M2	.80	33		
50	51	TEC	TEH	560-EB	14	AV5	.00	.00	M2	.62	33		
54	52	TEC	TEH	560-EB	50	AV2	.00	.00	M1	7.98	98	33	RESULT OF DISCREPANCY RESOLUTION
54	52												RETEST FOR POSITIVE I.D.
54	52	TEC	TEH	560-EB	56	AV3	.00	.00	M1	5.63	91	33	RESULT OF DISCREPANCY RESOLUTION
54	52												RETEST FOR POSITIVE I.D.
54	52	TEC	TEH	560-EB	34	AV4	.00	.00	M2	2.15		33	
54	52	TEC	TEH	560-EB	37	AV5	.00	.00	M2	2.58		33	
54	52	TEC	TEH	560-EB	43	AV6	.00	.00	M2	3.41		33	RESULT OF DISCREPANCY RESOLUTION
54	52												RETEST FOR POSITIVE I.D.
42	53	TEC	TEH	560-EB	15	AV4	.00	.00	M2	.68		33	RESULT OF DISCREPANCY RESOLUTION
35	54	TEC	TEH	560-EB	16	AV3	.00	.00	M2	.69		35	
35	54	TEC	TEH	560-EB	25	AV4	.00	.00	M2	1.26		35	
35	54	TEC	TEH	560-EB	18	AV5	.00	.00	M2	.80		35	
50	54	TEC	TEH	560-EB	32	AV2	.00	.00	M2	1.97		33	
50	54	TEC	TEH	560-EB	25	AV3	.00	.00	M2	1.32		33	
50	54	TEC	TEH	560-EB	36	AV4	.00	.00	M2	2.39		33	
50	54	TEC	TEH	560-EB	20	AV5	.00	.00	M2	1.02		33	
37	56	TEC	TEH	560-EB	13	AV3	.00	.00	M2	.55	79		RESULT OF DISCREPANCY RESOLUTION
37	56	TEC	TEH	560-EB	17	AV4	.00	.00	M2	.78	79		RESULT OF DISCREPANCY RESOLUTION
ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS

TABLE A - SG-A -AVB PERCENT THRU WALL INDICATIONS (CON'T)

Millstone Unit 3

MEU -A/F

INSPECTION: Aug-93

2-Sep-93 8:49

ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
39	57	TEC	TEH	560-EB	11 AV2	.12	.00	M2	.47	37		RESULT OF DISCREPANCY RESOLUTION
42	57	TEC	TEH	560-EB	14 AV3	.00	.00	M2	.60	79		RESULT OF DISCREPANCY RESOLUTION
42	57	TEC	TEH	560-EB	24 AV4	.00	.00	M2	1.23	79		
42	57	TEC	TEH	560-EB	31 AV5	.00	.00	M2	1.79	79		
35	58	TEC	TEH	560-EB	14 AV2	.26	.00	M2	.61	37		
35	58	TEC	TEH	560-EB	21 AV3	.00	.00	M2	1.03	37		
35	58	TEC	TEH	560-EB	14 AV4	.30	.00	M2	.63	37		
35	58	TEC	TEH	560-EB	18 AV5	.18	.00	M2	.85	37		
35	58	TEC	TEH	560-EB	18 AV6	-.09	.00	M2	.86	37		
35	59	TEC	TEH	560-EB	17 AV2	.00	.00	M2	.76	79		RESULT OF DISCREPANCY RESOLUTION
37	59	TEC	TEH	560-EB	23 AV4	.15	.00	M2	1.19	37		
37	59	TEC	TEH	560-EB	16 AV5	.00	.00	M2	.75	37		
50	59	TEC	TEH	560-EB	28 AV2	.00	.00	M2	1.61	37		
50	59	TEC	TEH	560-EB	12 AV3	-.26	.00	M2	.52	37		
50	59	TEC	TEH	560-EB	44 AV4	.00	.00	M2	3.45	37		RESULT OF DISCREPANCY RESOLUTION
50	59											RETEST FOR POSITIVE I.D.
50	59	TEC	TEH	560-EB	33 AV5	-.15	.00	M2	2.08	37		
50	59	TEC	TEH	560-EB	17 AV6	.03	.00	M2	.79	37		
55	59	TEC	TEH	560-EB	29 AV6	26.48	.00	1	.26 148	37		RESULT OF DISCREPANCY RESOLUTION
34	60	TEC	TEH	560-EB	12 AV3	.03	.00	M2	.47	39		
34	60	TEC	TEH	560-EB	20 AV4	.09	.00	M2	.88	39		RESULT OF DISCREPANCY RESOLUTION
35	60	TEC	TEH	560-EB	17 AV4	-.12	.00	M2	.74	83		RESULT OF DISCREPANCY RESOLUTION
39	60	TEC	TEH	560-EB	18 AV4	.03	.00	M2	.76	39		
44	60	TEC	TEH	560-EB	19 AV2	.00	.00	M2	.84	39		RESULT OF DISCREPANCY RESOLUTION
50	60	TEC	TEH	560-EB	26 AV2	.09	.00	M2	1.32	39		RESULT OF DISCREPANCY RESOLUTION
50	60	TEC	TEH	560-EB	19 AV3	-.03	.00	M2	.87	39		RESULT OF DISCREPANCY RESOLUTION
50	60	TEC	TEH	560-EB	27 AV4	.06	.00	M2	1.39	39		RESULT OF DISCREPANCY RESOLUTION
50	60	TEC	TEH	560-EB	17 AV5	-.06	.00	M2	.75	39		RESULT OF DISCREPANCY RESOLUTION
42	62	TEC	TEH	560-EB	26 AV2	-.03	.00	M2	1.34	39		
42	62	TEC	TEH	560-EB	30 AV3	.17	.00	M2	1.67	39		
42	62	TEC	TEH	560-EB	38 AV4	.03	.00	M2	2.48	39		
42	62	TEC	TEH	560-EB	37 AV5	-.12	.00	M2	2.45	39		
45	62	TEC	TEH	560-EB	18 AV2	.03	.00	M2	.79	39		RESULT OF DISCREPANCY RESOLUTION
45	62	TEC	TEH	560-EB	21 AV3	-.15	.00	M2	.99	39		RESULT OF DISCREPANCY RESOLUTION
45	62	TEC	TEH	560-EB	28 AV4	-.06	.00	M2	1.45	39		RESULT OF DISCREPANCY RESOLUTION
ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS

TABLE A - SG-A -AVB PERCENT THRU WALL INDICATIONS (CON'T)

Millstone Unit 3

NEU -A/F

INSPECTION: Aug-93

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RCM	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
45	62	TEC	TEH	560-EB	26 AV5	-.03	.00	M2	1.29	39		RESULT OF DISCREPANCY RESOLUTION
45	62	TEC	TEH	560-EB	24 AV6	-.14	.00	M2	1.13	39		
40	63	TEC	TEH	560-EB	61 AV2	.06	.00	M1	6.77	86	39	RESULT OF DISCREPANCY RESOLUTION
40	63											RETEST FOR POSITIVE I.D.
40	63	TEC	TEH	560-EB	35 AV3	.00	.00	M2	2.19	39		RESULT OF DISCREPANCY RESOLUTION
40	63	TEC	TEH	560-EB	23 AV4	-.06	.00	M2	1.09	39		RESULT OF DISCREPANCY RESOLUTION
40	63	TEC	TEH	560-EB	19 AV5	.03	.00	M2	.83	39		RESULT OF DISCREPANCY RESOLUTION
40	63	TEC	TEH	560-EB	15 AV6	.06	.00	M2	.63	39		RESULT OF DISCREPANCY RESOLUTION
42	63	TEC	TEH	560-EB	16 AV3	.00	.00	M2	.68	83		RESULT OF DISCREPANCY RESOLUTION
42	63	TEC	TEH	560-EB	13 AV4	.00	.00	M2	.55	83		RESULT OF DISCREPANCY RESOLUTION
51	63	TEC	TEH	560-EB	30 AV2	.00	.00	M2	1.73	83		RESULT OF DISCREPANCY RESOLUTION
51	63	TEC	TEH	560-EB	12 AV3	.00	.00	M2	.50	83		RESULT OF DISCREPANCY RESOLUTION
51	63	TEC	TEH	560-EB	19 AV4	.00	.00	M2	.90	83		RESULT OF DISCREPANCY RESOLUTION
43	64	TEC	TEH	560-EB	12 AV3	-.19	.00	M2	.48	83		RESULT OF DISCREPANCY RESOLUTION
43	64	TEC	TEH	560-EB	13 AV4	.00	.00	M2	.54	83		
43	64	TEC	TEH	560-EB	18 AV5	.00	.00	M2	.82	83		
44	64	TEC	TEH	560-EB	16 AV2	-.29	.00	M2	.70	41		RESULT OF DISCREPANCY RESOLUTION
50	64	TEC	TEH	560-EB	21 AV2	-.31	.00	M2	1.03	41		RESULT OF DISCREPANCY RESOLUTION
50	64	TEC	TEH	560-EB	20 AV3	-.23	.00	M2	.97	41		RESULT OF DISCREPANCY RESOLUTION
50	64	TEC	TEH	560-EB	21 AV5	.12	.00	M2	1.01	41		RESULT OF DISCREPANCY RESOLUTION
40	65	TEC	TEH	560-EB	17 AV2	.00	.00	M2	.79	43		
40	65	TEC	TEH	560-EB	22 AV4	.00	.00	M2	1.09	43		
51	66	TEC	TEH	560-EB	11 AV3	.00	.00	M2	.44	83		RESULT OF DISCREPANCY RESOLUTION
52	66	TEC	TEH	560-EB	19 AV4	.00	.00	M2	.86	83		
35	71	TEC	TEH	560-EB	16 AV4	.00	.00	M2	.68	45		RESULT OF DISCREPANCY RESOLUTION
40	71	TEC	TEH	560-EB	18 AV4	.00	.00	M2	.85	85		RESULT OF DISCREPANCY RESOLUTION
44	71	TEC	TEH	560-EB	22 AV5	.00	.00	M2	1.09	85		
34	73	TEC	TEH	560-EB	18 AV4	.00	.00	M2	.68	47		
34	73	TEC	TEH	560-EB	21 AV5	.00	.00	M2	.90	47		
50	76	TEC	TEH	560-EB	18 AV2	.00	.00	M2	.74	49		
50	76	TEC	TEH	560-EB	16 AV3	.00	.00	M2	.63	49		
35	77	TEC	TEH	560-EB	14 AV2	.00	.00	M2	.50	49		
35	77	TEC	TEH	560-EB	15 AV3	.00	.00	M2	.54	49		RESULT OF DISCREPANCY RESOLUTION
RCM	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS

TABLE A - SG-A -AVB PERCENT THRU WALL INDICATIONS (CON'T)

Millstone Unit 3

MEU -A/F

INSPECTION: Aug-93

2-Sep-93 8:49

ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
42	77	TEC	TEH	560-EB	11 AV4	-.19	.00	M2	.46	85		RESULT OF DISCREPANCY RESOLUTION
40	78	TEC	TEH	560-EB	27 AV2	.00	.00	M2	1.33	51		
40	78	TEC	TEH	560-EB	27 AV3	.00	.00	M2	1.32	51		
40	78	TEC	TEH	560-EB	15 AV6	.00	.00	M2	.57	51		
42	79	TEC	TEH	560-EB	33 AV2	.00	.00	M2	1.87	51		RESULT OF DISCREPANCY RESOLUTION
42	79	TEC	TEH	560-EB	32 AV3	.00	.00	M2	1.80	51		RESULT OF DISCREPANCY RESOLUTION
42	79	TEC	TEH	560-EB	46 AV4	.00	.00	M2	3.72	51		RESULT OF DISCREPANCY RESOLUTION
42	79											RETEST FOR POSITIVE I.D.
42	79	TEC	TEH	560-EB	34 AV5	.00	.00	M2	2.07	51		RESULT OF DISCREPANCY RESOLUTION
42	79	TEC	TEH	560-EB	16 AV6	.00	.00	M2	.63	51		RESULT OF DISCREPANCY RESOLUTION
53	81	TEC	TEH	560-EB	18 AV3	.09	.00	M2	.72	53		
50	82	TEC	TEH	560-EB	13 AV3	.06	.00	M2	.49	53		RESULT OF DISCREPANCY RESOLUTION
50	85	TEC	TEH	560-EB	18 AV2	-.15	.00	M2	.81	87		RESULT OF DISCREPANCY RESOLUTION
53	86	TEC	TEH	560-EB	32 AV2	-.03	.00	M2	1.84	57		
53	86	TEC	TEH	560-EB	36 AV3	.03	.00	M2	2.27	57		
53	86	TEC	TEH	560-EB	29 AV4	.03	.00	M2	1.55	57		
43	87	TEC	TEH	560-EB	20 AV2	.00	.00	M2	.93	87		
43	87	TEC	TEH	560-EB	17 AV4	-.10	.00	M2	.76	87		RESULT OF DISCREPANCY RESOLUTION
43	87	TEC	TEH	560-EB	20 AV5	-.32	.00	M2	.97	87		RESULT OF DISCREPANCY RESOLUTION
50	87	TEC	TEH	560-EB	19 AV2	.00	.00	M2	.84	57		RESULT OF DISCREPANCY RESOLUTION
37	90	TEC	TEH	560-EB	17 AV3	.00	.00	M2	.72	59		
50		EC	TEH	560-EB	26 AV2	.00	.00	M2	1.35	59		
50	90	TEC	TEH	560-EB	26 AV3	.00	.00	M2	1.32	59		
50	90	TEC	TEH	560-EB	16 AV5	.00	.00	M2	.67	59		RESULT OF DISCREPANCY RESOLUTION
53	90	TEC	TEH	560-EB	15 AV1	.00	.00	M2	.63	59		
53	90	TEC	TEH	560-EB	31 AV2	.00	.00	M2	1.75	59		
53	90	TEC	TEH	560-EB	54 AV3	.00	.00	M1	9.97	93	59	RESULT OF DISCREPANCY RESOLUTION
53	90											RETEST FOR POSITIVE I.D.
53	90	TEC	TEH	560-EB	40 AV4	.00	.00	M2	2.92	59		RESULT OF DISCREPANCY RESOLUTION
53	90											RETEST FOR POSITIVE I.D.
53	90	TEC	TEH	560-EB	41 AV5	.00	.00	M2	3.07	59		RESULT OF DISCREPANCY RESOLUTION
53	90											RETEST FOR POSITIVE I.D.
37	91	TEC	TEH	560-EB	18 AV3	.00	.00	M2	.78	59		RESULT OF DISCREPANCY RESOLUTION
37	91	TEC	TEH	560-EB	15 AV4	.00	.00	M2	.63	59		RESULT OF DISCREPANCY RESOLUTION
37	91	TEC	TEH	560-EB	22 AV5	.00	.00	M2	1.05	59		RESULT OF DISCREPANCY RESOLUTION
ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS

TABLE A - SG-A -AVB PERCENT THRU WALL INDICATIONS (CON'T)

Millstone Unit 3

MEU -A/F

INSPECTION: Aug-93

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ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
37	91	TEC	TEH	560-EB	14 AV6	-.16	.00	M2	.56	59		RESULT OF DISCREPANCY RESOLUTION
50	91	TEC	TEH	560-EB	25 AV2	.00	.00	M2	1.24	59		
50	91	TEC	TEH	560-EB	24 AV3	.00	.00	M2	1.18	59		
42	93	TEC	TEH	560-EB	15 AV3	.00	.00	M2	.58	61		
42	93	TEC	TEH	560-EB	18 AV4	.00	.00	M2	.77	61		
42	93	TEC	TEH	560-EB	21 AV5	.00	.00	M2	.97	61		RESULT OF DISCREPANCY RESOLUTION
42	98	TEC	TEH	560-EB	26 AV3	.00	.00	M2	1.26	63		
42	98	TEC	TEH	560-EB	25 AV4	.00	.00	M2	1.15	63		
43	98	TEC	TEH	560-EB	18 AV4	.00	.00	M2	.71	63		RESULT OF DISCREPANCY RESOLUTION
43	98	TEC	TEH	560-EB	13 AV5	.00	.00	M2	.49	63		RESULT OF DISCREPANCY RESOLUTION
44	98	TEC	TEH	560-EB	23 AV2	.00	.00	M2	1.04	63		
45	98	TEC	TEH	560-EB	14 AV4	.09	.00	M2	.61	89		RESULT OF DISCREPANCY RESOLUTION
48	98	TEC	TEH	560-EB	53 AV3	.00	.00	M1	7.74	93	63	RESULT OF DISCREPANCY RESOLUTION
46	98											RETEST FOR POSITIVE I.D.
48	98	TEC	TEH	560-EB	25 AV4	.00	.00	M2	1.18	63		RESULT OF DISCREPANCY RESOLUTION
48	98	TEC	TEH	560-EB	44 AV5	.00	.00	M2	3.35	63		RESULT OF DISCREPANCY RESOLUTION
46	98											RETEST FOR POSITIVE I.D.
48	98	TEC	TEH	560-EB	35 AV6	.00	.00	M2	2.10	63		RESULT OF DISCREPANCY RESOLUTION
42	99	TEC	TEH	560-EB	29 AV3	.00	.00	M2	1.56	65		
42	99	TEC	TEH	560-EB	29 AV4	.00	.00	M2	1.52	65		
43	99	TEC	TEH	560-EB	15 AV4	.00	.00	M2	.59	65		
45	99	TEC	TEH	560-EB	14 AV4	-.19	.00	M2	.59	89		RESULT OF DISCREPANCY RESOLUTION
46	99	TEC	TEH	560-EB	19 AV5	.00	.00	M2	.80	65		
47	99	TEC	TEH	560-EB	16 AV6	.00	.00	M2	.64	65		
37	100	TEC	TEH	560-EB	15 AV3	.00	.00	M2	.60	65		
42	101	TEC	TEH	560-EB	19 AV2	.00	.00	M2	.81	65		
42	101	TEC	TEH	560-EB	23 AV4	.00	.00	M2	1.06	65		
42	101	TEC	TEH	560-EB	22 AV5	.00	.00	M2	1.01	65		
43	101	TEC	TEH	560-EB	17 AV4	-.03	.00	M2	.76	89		
43	101	TEC	TEH	560-EB	16 AV5	.16	.00	M2	.69	89		RESULT OF DISCREPANCY RESOLUTION
41	102	TEC	TEH	560-EB	21 AV4	-.16	.00	M2	1.00	89		
ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS

2-Sep-93 8:49

ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
42	102	TEC	TEH	560-EB	18	AV3	.00	.00	M2	.76	65		
42	102	TEC	TEH	560-EB	29	AV4	.00	.00	M2	1.54	65		
42	102	TEC	TEH	560-EB	25	AV5	.00	.00	M2	1.17	65		
43	102	TEC	TEH	560-EB	18	AV5	.12	.00	M2	.83	89		
41	105	TEC	TEH	560-EB	13	AV3	.00	.00	M2	.48	67		RESULT OF DISCREPANCY RESOLUTION
37	106	TEC	TEH	560-EB	17	AV4	-.28	.00	M2	.77	89		RESULT OF DISCREPANCY RESOLUTION
37	106	TEC	TEH	560-EB	13	AV5	.06	.00	M2	.53	89		RESULT OF DISCREPANCY RESOLUTION
35	106	TEC	TEH	560-EB	19	AV3	.00	.00	M2	.79	67		
38	106	TEC	TEH	560-EB	18	AV4	.00	.00	M2	.75	67		
34	107	TEC	TEH	560-EB	11	AV4	.00	.00	M2	.45	69		RESULT OF DISCREPANCY RESOLUTION
34	109	TEC	TEH	560-EB	20	AV4	.21	.00	M2	.91	69		
32	111	TEC	TEH	560-EB	18	AV4	-.22	.00	M2	.82	69		RESULT OF LEAD ANALYST REVIEW
32	111	TEC	TEH	560-EB	16	AV5	.00	.00	M2	.68	69		RESULT OF LEAD ANALYST REVIEW
30	113	TEC	TEH	560-EB	22	AV5	-.24	.00	M2	1.05	71		RESULT OF DISCREPANCY RESOLUTION
25	115	TEC	TEH	560-EB	24	AV1	.00	.00	M2	1.24	71		
27	115	TEC	TEH	560-EB	18	AV1	-.28	.00	M2	.82	71		
28	115	TEC	TEH	560-EB	30	AV1	-.22	.00	M2	1.69	71		

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TOTAL TUBES 8

TABLE B - S/G-A HISTORICAL ECT RESULTS FOR AVB FLAWS \geq 20%
TW IN 1993

Row	Column	Location	Nov 87	May 89	Aug 93
30	9	AV5	NDD	8%	25%
53	33	AV5	21%	21%	25%
34	46	AV6	NT	NT	20%
34	48	AV3	NT	27%	22%
40	49	AV4	NT	NT	22%
54	52	AV2	NT	NT	50%
		AV3	NT	NT	56%
		AV4	NT	NT	34%
		AV5	NT	NT	37%
		AV6	NT	NT	43%
35	54	AV4	NT	NT	25%
50	54	AV2	NT	NT	32%
		AV3	NT	NT	25%
		AV4	NT	NT	36%
		AV5	NT	NT	20%
42	57	AV4	NT	19%	24%
		AV5	NT	17%	31%
37	59	AV4	NT	NT	23%
50	59	AV2	NT	NT	28%
34	60	AV2	NT	NT	26%
		AV4	NT	NT	27%
50	60	AV2	NT	NT	26%
		AV4	NT	NT	27%
42	62	AV2	NT	18%	26%
		AV3	NT	19%	30%
		AV4	NT	23%	38%
		AV5	NT	28%	37%
45	62	AV3	NT	16%	21%
		AV4	NT	20%	28%
		AV5	NT	20%	26%
		AV6	NT	18%	24%

TABLE B -S/G-A HISTORICAL ECT RESULTS FOR AVB FLAWS \geq 20%
TW IN 1993 (CON'T)

Row	Column	Location	Nov 87	May 89	Aug 93
40	63	AV2	NT	40%	61%
		AV3	NT	22%	35%
		AV4	NT	18%	23%
51	63	AV2	NT	29%	30%
50	64	AV2	NT	NT	21%
		AV3	NT	NT	20%
		AV5	NT	NT	21%
40	65	AV4	NT	NDD	22%
44	71	AV5	NT	13%	22%
34	73	AV5	NT	9%	21%
40	78	AV2	NT	NT	27%
		AV3	NT	NT	27%
42	79	AV2	NT	14%	33%
		AV3	NT	17%	32%
		AV4	NT	27%	46%
		AV5	NT	21%	34%
53	86	AV2	NDD	21%	32%
		AV3	NDD	25%	36%
		AV4	NDD	24%	29%
43	87	AV2	NT	17%	20%
		AV5	NT	21%	20%
50	90	AV2	NT	18%	26%
		AV3	NT	21%	26%
53	90	AV2	NDD	NDD	31%
		AV3	17%	33%	54%
		AV4	22%	23%	40%
		AV5	NDD	21%	41%
37	91	AV5	NT	NT	22%
50	91	AV2	NT	16%	25%
		AV3	NT	17%	24%
42	93	AV5	NT	NDD	21%

TABLE B -S/G-A HISTORICAL ECT RESULTS FOR AVB FLAWS \geq 20%
TW IN 1993 (CON'T)

Row	Column	Location	NOV 87	May 89	Aug 93
42	98	AV3	NT	NT	26%
		AV4	NT	NT	25%
44	98	AV2	NT	NT	23%
48	98	AV3	24%	35%	53%
		AV4	NDD	NDD	25%
		AV5	NDD	22%	44%
		AV6	23%	30%	35%
42	99	AV3	NT	NT	29%
		AV4	NT	NT	29%
42	101	AV4	NT	17%	23%
		AV5	NT	NDD	22%
41	102	AV4	NT	18%	21%
42	102	AV4	NT	14%	29%
		AV5	NT	10%	25%
34	109	AV4	NT	15%	20%
30	113	AV5	NDD	NDD	22%
26	115	AV1	NT	14%	24%
28	115	AV1	22%	24%	30%

Millstone Unit 3

WEU -A/F

INSPECTION: Aug-93

2-Sep-93 8:36

ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
25	21	TEC	TEH	560-EB	11	03H	14.26	.00	1	.74	164	9	RESULT OF DISCREPANCY RESOLUTION
39	23	TEC	TEH	560-EB	11	05H	15.00	.00	1	.63	167	11	RESULT OF DISCREPANCY RESOLUTION
33	49	TEC	TEH	560-EB	38	02H	13.87	.00	1	.38	138	31	RESULT OF LEAD ANALYST REVIEW
5	122	TEC	TEH	560-EB	25	TSH	.54	.00	1	.99	153	73	RESULT OF LEAD ANALYST REVIEW
5	122	TEC	TEH	560-EB	35	TSH	.94	.00	1	1.08	142	73	RESULT OF LEAD ANALYST REVIEW
5	122	TEC	TEH	560-EB	27	TSH	1.73	.00	1	.77	151	73	RESULT OF LEAD ANALYST REVIEW

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TOTAL TUBES

Millstone Unit 3

NEU -A/F

INSPECTION: Aug-93

11-Sep-93 8:27

ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
55	59	TEC	TEH	560-EB	17	DBC	.15	.00	M1	.28	120	37	RESULT OF DISCREPANCY RESOLUTION
31	71	TEC	TEH	560-EB	36	O6C	9.78	.00	1	.49	142	45	

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TOTAL TUBES	2
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TABLE E - SG-C -AVB PERCENT THRU WALL INDICATIONS

Millstone Unit 3

MEU -C/F

INSPECTION: Aug-93

2-Sep-93 14:18

ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
37	15	TEC	TEH	560-EB	25 AV2	.00	.00	M2	1.06	5		
37	15	TEC	TEH	560-EB	26 AV5	.00	.00	M2	1.11	5		
37	15	TEC	TEH	560-EB	17 AV6	.00	.00	M2	.56	5		
42	23	TEC	TEH	560-EB	25 AV3	.00	.00	M2	.99	9		
42	23	TEC	TEH	560-EB	29 AV4	.00	.00	M2	1.30	9		
42	23	TEC	TEH	560-EB	25 AV5	.00	.00	M2	1.00	9		
50	28	TEC	TEH	560-EB	18 AV2	.00	.00	M2	.69	13		RESULT OF DISCREPANCY RESOLUTION
50	28	TEC	TEH	560-EB	19 AV5	.18	.00	M2	.76	13		RESULT OF DISCREPANCY RESOLUTION
55	41	TEC	TEH	560-EB	20 AV4	.00	.00	M2	.76	21		
55	41	TEC	TEH	560-EB	26 AV5	.03	.00	M2	1.15	21		
55	41	TEC	TEH	560-EB	18 AV6	.10	.00	M2	.65	21		RESULT OF DISCREPANCY RESOLUTION
41	42	TEC	TEH	560-EB	20 AV3	.00	.00	M2	.79	21		
40	48	TEC	TEH	560-EB	30 AV4	.00	.00	M2	1.41	25		
40	48	TEC	TEH	560-EB	29 AV5	.00	.00	M2	1.32	25		
41	54	TEC	TEH	560-EB	18 AV1	.00	.00	M2	.66	29		
41	54	TEC	TEH	560-EB	19 AV3	.08	.00	M2	.76	29		RESULT OF DISCREPANCY RESOLUTION
41	54	TEC	TEH	560-EB	22 AV4	.08	.00	M2	.89	29		
41	54	TEC	TEH	560-EB	24 AV5	.03	.00	M2	1.04	29		
35	61	TEC	TEH	560-EB	32 AV2	.03	.00	M2	1.72	33		
35	61	TEC	TEH	560-EB	23 AV3	.05	.00	M2	.92	33		
35	61	TEC	TEH	560-EB	19 AV4	.00	.00	M2	.70	33		
41	62	TEC	TEH	560-EB	20 AV2	.05	.00	M2	.78	33		
41	62	TEC	TEH	560-EB	11 AV3	-.46	.00	M2	.34	33		
41	62	TEC	TEH	560-EB	16 AV4	-.44	.00	M2	.57	33		
41	62	TEC	TEH	560-EB	24 AV5	-.08	.00	M2	1.05	33		
49	78	TEC	TEH	560-EB	14 AV3	-.21	.00	M2	.56	49		RESULT OF LEAD ANALYST REVIEW
49	78	TEC	TEH	560-EB	24 AV4	.00	.00	M2	1.14	49		RESULT OF LEAD ANALYST REVIEW
39	79	TEC	TEH	560-EB	20 AV3	-.61	.00	M2	.85	49		
50	92	TEC	TEH	560-EB	34 AV2	.00	.00	M2	1.80	57		
50	92	TEC	TEH	560-EB	44 AV3	.00	.00	M2	3.12	57		RESULT OF DISCREPANCY RESOLUTION
50	92											RETEST FOR POSITIVE I.D.
50	92	TEC	TEH	560-EB	45 AV4	.00	.00	M2	3.32	57		RESULT OF DISCREPANCY RESOLUTION
50	92											RETEST FOR POSITIVE I.D.
50	92	TEC	TEH	560-EB	38	.00	.00	M2	2.17	57		
50	94	TEC	TEH	560-EB	28 AV4	.00	.00	M2	1.16	59		
ROW	COL	CEB	CEE	PROBE	IND LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS

(CON'T)

NEU -C/F

INSPECTION: Aug-93

2-Sep-93 14:18

ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
50	94	TEC	TEH	560-EB	32	AV5	.00	.00	M2	1.58	59		
49	96	TEC	TEH	560-EB	22	AV5	.00	.00	M2	.76	59		RESULT OF DISCREPANCY RESOLUTION
49	96	TEC	TEH	560-EB	28	AV6	.00	.00	M2	1.18	59		
25	115	TEC	TEH	560-EB	20	AV6	.37	.00	M2	.74	71		RESULT OF LEAD ANALYST REVIEW

ROW	COL	CEB	CEE	PROBE	IND	LOC	INCH1	INCH2	CHAN	VOLTS	DEG	TAPE	COMMENTS
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PAGE 2
TOTAL TUBES 15

TABLE F -S/G-C HISTORICAL ECT RESULTS FOR AVB FLAWS \geq 20%
TW IN 1993

Row	Col	Location	Nov' 87	May '89	Aug '93
37	15	AV2	NDD	NDD	25%
		AV5	15%	26%	26%
42	23	AV3	NT	NT	25%
		AV4	NT	NT	29%
		AV5	NT	NT	25%
56	41	AV4	18%	18%	20%
		AV5	17%	22%	26%
41	42	AV3	NT	NT	20%
40	48	AV4	NT	NT	30%
		AV5	NT	NT	29%
41	54	AV4	NT	NT	22%
		AV5	NT	NT	24%
36	61	AV2	NT	NT	32%
		AV3	NT	NT	23%
41	62	AV2	NT	NT	20%
		AV5	NT	NT	24%
49	78	AV4	NT	NT	24%
39	79	AV3	NT	NT	20%
50	92	AV2	NT	32%	34%
		AV3	NT	37%	44%
		AV4	NT	36%	45%
		AV5	NT	32%	38%
50	94	AV4	NDD	18%	28%
		AV5	NDD	24%	32%
49	96	AV5	NDD	NDD	22%
		AV6	NDD	18%	28%
25	116	AV5	NT	NDD	20%

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NEU - C/F

2-Sep-93 14:15

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