

ROCHESTER GAS AND ELECTRIC CORPORATION
89 East Avenue, Rochester, NY 14649

MATERIALS ENGINEERING AND INSPECTION SERVICES

SUMMARY EXAMINATION REPORT

FOR THE

1995 STEAM GENERATOR EDDY CURRENT INSPECTION

AT

R.E. GINNA NUCLEAR POWER STATION

REVISION 0
April 18, 1995

PREPARED BY:

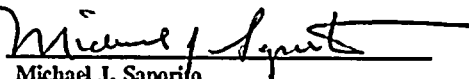


Michael J. Davison
Engineering Assistant - NDE
Materials Engineering and Inspection Services

DATE:

4/18/95

APPROVED BY:



Michael J. Saporito
Manager
Materials Engineering and Inspection Services

DATE:

4/18/95

9505050113 950424
PDR ADOCK 05000244
PDR

"Pursuant to Section 11, Paragraphs 2.8.2 and 2.8.4 of Appendix B of the Ginna Station Quality Assurance Manual, the following information is submitted in regard to the number of tubes requiring repair in each steam generator:

	<u>"A" S/G</u>	<u>"B" S/G</u>
Number of Tubes Plugged	13	29
Number of Tubes Sleeved	75	91
Total Repairs	88	120

Of the 13 tubes plugged in the Hot Leg of "A" Steam Generator 10 were CE mechanical plugs and 3 were B&W explosive sleeve plugs (Parent tube defects in the sleeve upper weld zone were discovered during baseline eddy current examination of Row 31, Col 45; Row 32, Col 47; and Row 22, Col 67). In the "B" Steam Generator Hot Leg, 11 CE mechanical plugs were installed and 10 CE welded plugs were installed. A total of 8 B&W explosive sleeve plugs were installed. 2 B&W brazed sleeves (Row 12, Col 35 and Row 31, Col 54) were plugged for PWSCC indications at the lower joint; 1 brazed sleeve (Row 13, Col 46) was plugged due to the absence of a braze in the upper expansion; 2 sleeved tubes (Row 1, Col 54 and Row 1, Col 57) were plugged due to the sleeve causing obstruction of passage of an eddy current probe of sufficient fill factor through the unsleeved portion of the hot leg length of tubing; and 3 newly installed B&W kinetically welded tubesheet sleeves (Row 3, Col 16; Row 5, Col 16 and Row 8, Col 17) were plugged as a result of discovery of parent tube defects in the sleeve upper weld zone during baseline eddy current examinations. All cold leg repairs were CE mechanical plugs (13 in "A" S/G and 29 in "B" S/G).

The breakdown of the number of repairs required by defect mechanism is listed below:

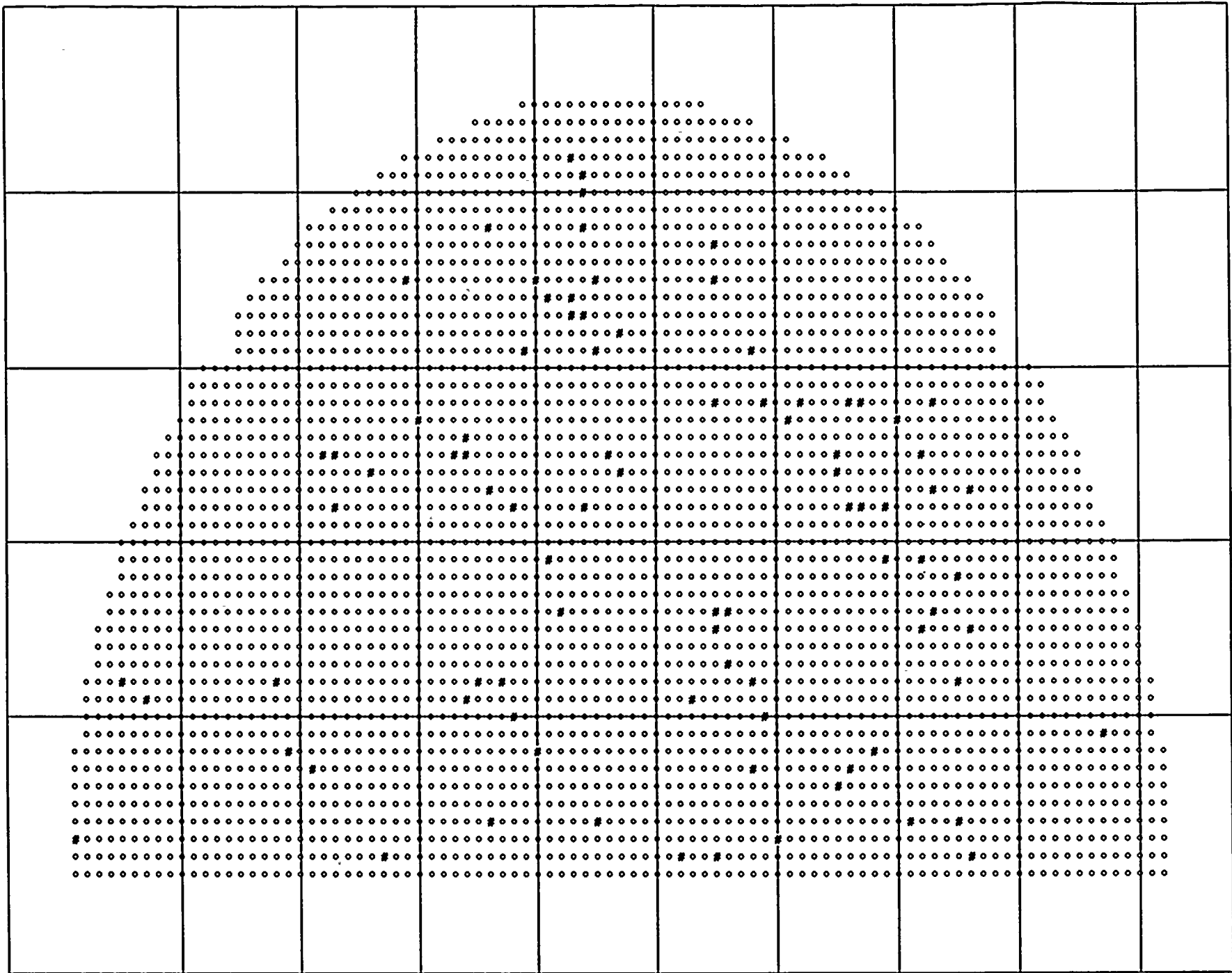
	<u>"A" S/G</u>	<u>"B" S/G</u>
Roll Transition PWSCC	60 *	32 *
Crevice IGA/SCC	35 *	80 *
Obstructed Sleeves	0	3
PWSCC in B&W Brazed Sleeves	0	2
Unbrazed B&W Sleeves	0	1
Unwelded/Unfused CE Sleeves	0	8
"Blowhole" in CE Sleeve	0	1

* Includes tubes with both PWSCC and IGA/SCC

Maps showing the location of all tubes requiring repair as a result of eddy current examination are attached.

COL

ROW

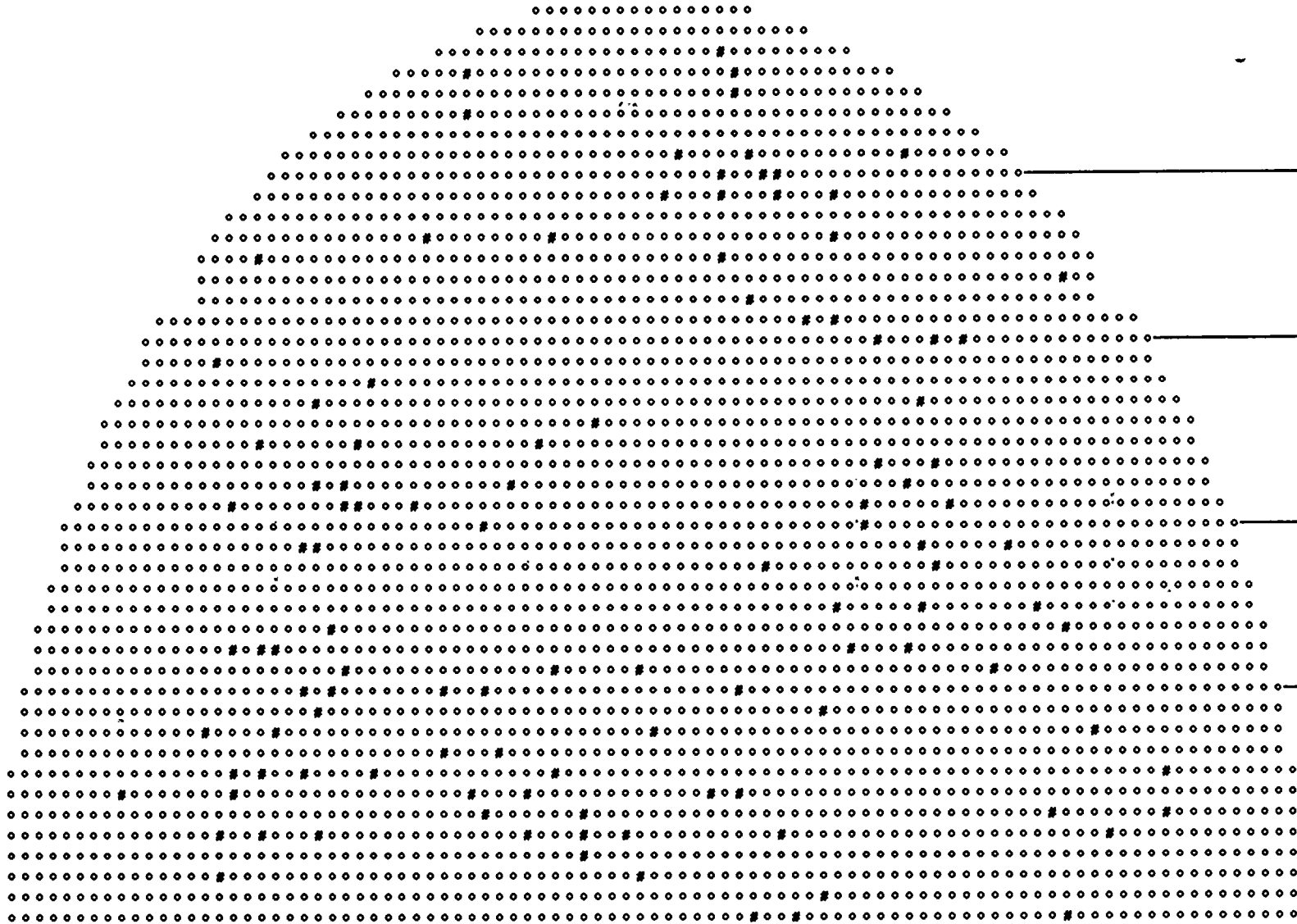


#: 88: TUBES TO BE REPAIRED - 9SMAR OUTAGE

Rochester Gas & Electric Corp.
 Ginna Nuclear Power Station
 S/G - A 04/07/95 Inlet

Applied Computer Resources, Inc.

ROW



37

29

20

12

5

COL

1 8 15 22 29 36 43 50 57 64 71 78 85 92

#: 113: TUBES TO BE REPAIRED - 9SMAR OUTAGE

Rochester Gas & Electric Corp.
 Ginna Nuclear Power Station
 S/G - B 04/07/95 Inlet
 Applied Computer Resources, Inc.