

ROCHESTER GAS AND ELECTRIC CORPORATION
89 EAST AVENUE, ROCHESTER, NY 14649

NUCLEAR REGULATORY COMMISSION

INSERVICE INSPECTION REPORT
FOR THE
THIRD INTERVAL (1990 - 1999)
SECOND PERIOD, THIRD OUTAGE (1995)
AT
R. E. GINNA NUCLEAR POWER PLANT

REVISION 0
JULY 24, 1995

9508080402 950802
PDR ADOCK 05000244
Q PDR

R. E. GINNA NUCLEAR POWER PLANT

NUCLEAR REGULATORY COMMISSION

INSERVICE INSPECTION REPORT
THIRD INTERVAL (1990 - 1999)
SECOND PERIOD, THIRD OUTAGE (1995)

OWNERS DATA SHEET

Date: 24 July, 1995

Owner: Rochester Gas and Electric Corporation
89 East Avenue
Rochester, New York 14649

Plant Location and Unit No.: R. E. Ginna Nuclear Power Plant
Unit One
1503 Lake Road
Ontario, New York 14519

Commercial Operating Date: July 1970

Applicable Code: ASME Section XI, 1986 Edition, No Addenda



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INTRODUCTION AND SYNOPSIS:

Inservice Inspection (ISI) activities for 1995 were performed on components within Class 1, 2, 3, High Energy Piping, Steam Generator Tubes, Seismic Supports and Snubbers. ISI examinations were concluded on May 4, 1995. Examination methods included Visual (VT), Liquid Penetrant (PT), Magnetic Particle (MT), Ultrasonic (UT), Radiographic (RT), and Eddy Current (ET). Functional Testing (FT) and System Pressure Tests were also performed.

Erosion/Corrosion examinations were also performed during this time.

Personnel involved included RG&E Laboratory and Inspection Services, Sonic Systems Incorporated, Master Lee Services Corporation, ABB Combustion Engineering Corporation, Ginna Station Quality Control and the Ginna Station Results/Test Group. Additional Support Personnel included individuals from the following departments: Ginna Station Insulators, Maintenance, Electricians, Pipe Fitters, Health Physics, Turbine Maintenance, RG&E General Maintenance and the Mechanical Engineering Group of the Nuclear Engineering Services Department.

ASME SECTION XI SUMMARY OF WORK ACCOMPLISHED:

Upon conclusion of the 1995 Outage, 56.1% of ASME Section XI Code required examinations for the Third Interval ISI Program has been completed. A detailed component summary of all outage ISI activities with their associated results can be found within "Attachment I".

CLASS 1 COMPONENTS:

A total of 38 ASME, Augmented or Owner Elected components were examined. The examinations for these components consisted of 2 VT-3's, 33 PT's, and 12 UT's. A total of 47 examinations were performed on Class 1 Components.

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CLASS 1 COMPONENTS: (Cont.)

Class 1 examinations were performed on the following items/systems and/or plant lines/component:

<u>Item / System Description</u>	<u>Plant Line</u> <u>/Component</u>
CVCS-Charging System:	2-CH5-2501 2B-CH5-2501 2C-CH5-2502 2A-CH5-2501 2I-CH5-2502
Regenerative Heat Exchanger:	ECH02C
CVCS-Letdown System:	2A-CH4-2501
High Pressure Safety Injection System:	10A-SI2-2501-B 2A-SI2-2501 2B-SI2-2501
Pressurizer:	TRC01
Pressurizer System:	3A-RC8-2501-A 3A-RC8-2501-B 3A-RC8-2501 3B-RC8-2501 3C-RC8-2501 4A-RC8-2501-A
Reactor Coolant Pump B Items:	PRC01B
Reactor Coolant System:	31 -RC -2501-A 31 -RC -2501-B 27.5-RC -2501-A 2D -RC0-2501-B 2B -RC0-2501-B
Residual Heat Removal System:	10A -AC7-2501-B

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CLASS 2 COMPONENTS:

A total of 63 ASME or Owner Elected Components were examined. The examinations for these components consisted of 3 VT-1's, 30 VT-3's, 21 PT's, 10 MT's, 2 RT's, 8 UT's, and 2 VT-2's for a total of 76 examinations.

Class 2 examinations were performed on the following items/systems and/or plant lines/components:

<u>Item / System Description</u>	<u>Plant Line /Component</u>
Pulsation Dampener:	SCH11
CVCS-Charging System:	8A-CH -2502 2D-CH5-2501 2F-CH5-2501
Feedwater System:	14A-FW-900-1A 14B-FW-900-1B
High Pressure Safety Injection System:	10 -SI-151 8K-SI-151 4 -SI-301 4D-SI-1501 4E-SI-1501 3C-SI-1501 3E-SI-1501
Mainsteam System:	30A-MS-600-1A 30B-MS-600-1B 6A-MS-600-1B 6B-MS-600-1A 6B-MS-600-1B
Residual Heat Removal Heat Exchanger:	EAC02A
Residual Heat Removal System:	10 -AC-601 10A-AC-601 6 -AC-601 6B -AC-601 6D -AC-601
Standby Aux. Feedwater System:	3C-FW-902S-1A

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CLASS 2 COMPONENTS: (Cont.)

<u>Item / System Description</u>	<u>Plant Line /Component</u>
Service Water System:	8I-SW-125 8L-SW-125 8M-SW-125 6-SW-125 6A-SW-125 6B-SW-125 6F-SW-125 6G-SW-125

CLASS 3 COMPONENTS:

A total of 119 ASME or Owner Elected Components were examined utilizing the VT-3 visual technique.

Examinations were performed on the following items / systems and/or plant lines/components:

<u>Item / System Description</u>	<u>Plant Line /Component</u>
Auxiliary Cooling System:	14B -AC5-152 14C -AC5-152 10G -AC5-152 10H -AC5-152 10I -AC5-152 8B -AC6-152 6C -AC6-152 6E -AC6-152 6G -AC6-152
Auxiliary Feedwater System:	5A -FW7-900-1 4A -SW -125-1B 4A -SW -125-1C 3A -FW7-900-1A 3A -FW7-900-1B 3E -FW7-900-1 3G -FW7-900-1 3H -FW7-900-1 3J -FW7-900-1 2A -FW7-900-1B 2C -FW7-900-1A 1.5A-FW7-900-1

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CLASS 3 COMPONENTS: (Cont.)

<u>Item / System Description</u>	<u>Plant Line /Component</u>
Seal Water Heat Exchanger:	ECH04
Diesel Generator System:	5C-DG-A
Mainsteam System:	6A-MS-600-1 6C-MS-600-1
Standby Aux. Feedwater System:	4A-FW8-152S-B 4G-SW0-152S 4F-SW0-152S 3A-FW8-902S-A 3A-FW8-902S-B 3C-FW8-902S
Service Water System:	14D-SW0-125-1 14E-SW0-125-1 14G-SW0-125-1 14H-SW0-125-1 10B-SW0-125-1 6H-SW0-125-1

HIGH ENERGY COMPONENTS:

Nineteen (19) Augmented or Owner Elected items associated with the High Energy Program were examined during the 1995 Outage. The examinations for these items consisted of 15 VT-1's, 3 VT-3's, 16 MT's, 8 RT's, and 7 UT's for a total of 49 examinations.

High Energy component examinations were performed on the following items / systems and/or plant lines:

<u>Item / System Description</u>	<u>Plant Line</u>
Feedwater System:	20 -FW-900-1 14A-FW-900-1A 14B-FW-900-1 14B-FW-900-1B
Mainsteam System:	36 -MS-600-1 30A-MS-600-1 30B-MS-600-1 24B-MS-600-1A

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STEAM GENERATOR TUBING:

Eddy Current ASME and Owner Elected Examinations were performed on tubes in the "A" and "B" Steam Generators.

The following Eddy Current examinations were performed during the 1995 Outage:

1. Open Generator Tubes, Previous indications greater than or equal to 20% were examined to the extent of degradation as a minimum.
2. Open Generator Tubes, 20% Random Sample of all open unsleeved tubes were examined Full Length (F/L).
3. Open Generator Tubes, 100% of all open unsleeved tubes were examined to the first Support Plate on the Hot Leg side as a minimum.
4. Sleeved Generator Tubes, 20% Random Sample of each type of sleeved generator tubes were examined from the sleeve end as a minimum.
5. MRPC of all Row 1 U-Bends and Row 2 U-Bends.
6. MRPC of Roll Transition Region in all open, unsleeved tubes.
7. Applicable Wear Indications Cold Leg, Tubes R1C10-R1C12.

Steam Generator Eddy Current Examination details are documented in the Rochester Gas & Electric 1995 Steam Generator Eddy Current Final Report.

SYSTEM PRESSURE TESTS:

Hydrostatic Testing:

No 10-Year ISI (ASME) Hydrostatic tests were performed during the 1995 Outage.



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SYSTEM PRESSURE TESTS: (Cont.)

Leakage Testing:

A total of sixteen (16) ASME or Augmented Leakage Examinations were performed. The Leakage tests included; one (1) Class 1, Reactor Coolant System (PT-7) examination, fourteen (14) Class 2 or 3 examinations, and one (1) High Energy Mainsteam examination. It should be noted that one (1) Class 3 examination was partially completed during this refueling outage.

ASME Section XI Required Components, Service Induced Rejectable - Expanded Examinations:

There were no ASME Section XI required components that were classified as "Service Induced Rejectable" that needed Code expanded examinations.

SNUBBER PROGRAM:

Visual Examinations:

A total of 23 Snubber component support baseline examinations were performed during the 1995 outage.

Snubber visual examinations were performed on the following items /systems and/or plant lines:

<u>Item / System Description</u>	<u>Plant Line</u>
Aux. Feedwater System:	3B-FW -900-1A 3J-FW7-900-1 3K-FW7-900-1
Blowdown System:	2C-MS -600-1B
CVCS-Letdown System:	2A-CH4-151 2E-CH -601
Feedwater System:	14A-FW-900-1A 14B-FW-900-1B

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SNUBBER PROGRAM: (Cont.)

Visual Examinations:

Item / System Description

Plant Line

Mainsteam System:

30A-MS-600-1A
30B-MS-600-1B
6A-MS-600-1
6B-MS-600-1A
6B-MS-600-1B

Pressurizer System:

6AP-RC -602
3B -RC8-2501

Standby Aux. Feedwater System:

3C-FW-902S-1A
3C-FW-902S-1B

Steam Generator B:

EMS01B

Functional Testing:

A total of twenty-three (23) snubbers were Functionally Tested (FT) during the 1995 outage. From the sixteen (16) snubbers that were originally scheduled, twelve (12) were mechanical snubbers and four (4) were hydraulic snubbers. Due to snubber failures, an expansion was performed that consisted of seven (7) additional snubbers that were Functionally Tested.

Scheduled Snubber Functional Tests (FT) were performed on Plant Lines listed above under Snubber Visual examinations.

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SEISMIC SUPPORT PROGRAM:

A total of nine (9) Augmented or Owner Elected Seismic Supports were examined utilizing the VT-3 visual technique.

Seismic Support examinations were performed on the following items/systems and/or plant lines:

<u>Item / System Description</u>	<u>Plant Line</u>
CVCS-Charging System:	2T-CH-151
Mainsteam System:	6D-MS-600-1A 6E-MS-600-1B 6F-MS-600-1B
Pressurizer System:	8 -RC-601
Residual Heat Removal System:	3C-WD-151
Standby Aux. Feedwater System:	.5F-CD-152S
Service Water System:	10C-SWO-125-1

EROSION/CORROSION MINIWALL PROGRAM:

A total of 96 items were examined during the 1995 Outage. The breakdown of this total is as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	51
Elbows	34
Reducers	6
Tees	4
Expansion Joints	1

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EROSION/CORROSION MINWALL PROGRAM: (Cont.)

Component thickness measurements were performed on the following systems:

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>
M-1	A/B F.W. PUMP DISCHARGE TO 5 A/B HEATERS
M-2	5 A/B F.W. HEATERS TO F.W. HEADER
M-4A	FEEDWATER CLEANUP TO CONDENSER FROM 5A/B HP HEATERS
M-4B	FEEDWATER CLEANUP TO CONDENSER & CONDENSATE DEM. RINSE
M-7A	HEATER DRAIN TANK DISCHARGE
M-10	LOW PRESSURE DOWNCOMERS (WEST CONDENSER)
M-10A	LOW PRESSURE DOWNCOMERS TO L.P.H. (WEST CONDENSER)
M-10B	LOW PRESSURE DOWNCOMERS (EAST CONDENSER)
M-10C	LOW PRESSURE DOWNCOMERS TO L.P.H. (EAST CONDENSER)
M-11A	MSR 1A & 1B 2ND PASS DRAIN
M-15A	MSR 1A 4TH PASS TO 5A HEATER
M-15B	MSR 1B 4TH PASS TO 5A HEATER
M-16	MSR 1A & 1B 4TH PASS TO CONDENSER
M-31	MSR 1A & 1B TO HEATER DRAIN TANK & CONDENSER
M-41A	5A HP HEATER DRAIN TO 4A LP HEATER
M-41B	5B HEATER DRAIN TO 4B HEATER
M-75	STEAM EXTRACTION TO 5A & 5B HEATERS
M-81	FEEDWATER DISCHARGE (TURBINE BLDG)
M-88D	S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)
M-90	FEEDWATER CLEAN UP (CV-18)
M-91	FEEDWATER CLEAN UP (CV-19)
M-105	HEATING STEAM

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The statements made in this report and attachments are correct and the examinations and corrective measures taken conform to the Rules of the ASME Code, Section XI.

Prepared by: Frank A. Klepacki 7/24/95
Frank A. Klepacki Date
ISI Engineer

Approved By: Michael J. Saporito 7/24/95
Michael J. Saporito Date
Manager, Laboratory and
Inspection Services, Technical
Performance and Field Inspections

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspections and the State or Province of New York and employed by The Hartford Steam Boiler Inspection and Insurance Company have inspected and/or verified the components described within this report and associated Attachments during the stated reporting time frame, and state to the best of my knowledge and belief, the Owner has performed examination and corrective measures described in this Report in accordance with the requirements of the ASME Code, Section XI. 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.

Reviewed By: Russell B. Miller
ANII's Signature

7/24/95
Date



FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester N.Y. 14649
(Name and Address of Owner)
2. Plant R.E. Ginna Nuclear Power Plant, 1503 Lake Road, Ontario, NY 14519
(Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
(*)	(*)	(*)	(*)	(*)

(*) SEE "ATTACHMENT I" FOR APPLICABLE INFORMATION

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/86) This form (E0029) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-1 (Back)

8. Examination Dates 10/17/94 to 5/04/95 9. Inspection Interval from 1990 to 1999
 10. Applicable Editions of Section XI 1986 Addenda No
 11. Abstract of Examinations, Include a list of examinations and a statement concerning status of work required for current interval. (*)
 12. Abstract of Conditions Noted. (*)
 13. Abstract of Corrective Measures Recommended and Taken. (*)

We certify that statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
 Date 24 July 19 95 Signed Rochester Gas & Electric Corporation By Frank H. Klepsch
 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 New York and employed by Hartford Steam Boiler Inspection & Insurance Company of Hartford CT. have inspected the components described in this Owner's Report during the period 10/17/94 to 5/4/95, 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 inspection plan and as required by 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.

Russell B. Miller Commissions N42498
 Inspector's Signature National Board, State, Province, and Endorsements
 Date 7/24 19 95

(*) SEE "ATTACHMENT I" FOR APPLICABLE INFORMATION



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ATTACHMENT I

A. CLASS 1 COMPONENTS:

A1. PRESSURIZER

DRAWINGS: A-4

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
004700	B-D	B3.120	SPLN SPRAY LINE NOZ-INS RAD SECT	ASME	UT

95 -UT: NO RECORDABLE INDICATIONS, 360 DEGREES -
ACCEPTABLE.

004800	B-F	B5.40	RC-1000-MSW-1 SAFE END-TO-NOZZLE (SPRAY LINE)	ASME	PT UT
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95 -PT: INSIGNIFICANT; L=0, W= 1/8, UP, 1/16" ROUND. UT: NO
RECORDABLE & GEOMETRY; ID GEOMETRY. > 90% CODE COVERAGE
OBTAINED - ACCEPTABLE.

A2. REGENERATIVE HEAT EXCHANGER C

DRAWINGS: A-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
009500	B-D	B3.150	RHE-N1 VESSEL-TO-NOZZLE WELD	ASME	UT

95 -UT: NO RECORDABLE INDICATIONS, UT LAM PERFORMED IN 1986.
APPROX. 94% COVERAGE OBTAINED - ACCEPTABLE.

NOTE: "COMPONENT TYPE" IS DEFINED AS FOLLOWS:

"ASME" = ITEM REQUIRED BY ASME SECTION XI CODE

"AUG" = AUGMENTED PROGRAM - ITEM REQUIRED BY NRC COMMITMENT

"OE" = OWNER ELECTED - NON MANDATORY EXAMINATIONS



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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A3. REACTOR COOLANT SYSTEM-LOOP A

DRAWINGS: A-3B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
011820	B-J	B9.12	PL-FW-XII-LR (XIII) LONGITUDINAL SEAM WELD	ASME	UT

95 -UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. GREATER THAN 90% COVERAGE OBTAINED. RELIEF REQUEST TO BE GENERATED FOR CAST MATERIAL.

012100	B-J	B9.11	PL-FW-VI PUMP (RCP-A)-TO-PIPE	ASME	UT PT
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95 -PT: NO RECORDABLE & INSIGNIFICANT; INDICATIONS- L=33.5 CW, W= 2.10" UP-0.15" LONG. L=39.4 CW, W= 0.45" DOWN ROUND 0.15" -ACCEPTABLE. UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90%.

A4. REACTOR COOLANT SYSTEM-LOOP B

DRAWINGS: A-3F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
013320	B-J	B9.12	PL-FW-XI-LR (XV) LONGITUDINAL SEAM WELD	ASME	UT PT

95 -PT: INSIGNIFICANT; FABRICATION INDICATIONS - ACCEPTABLE. UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RELIEF REQUEST TO BE GENERATED DUE TO CAST MATERIAL.

013500	B-J	B9.11	PL-FW-XV ELBOW-TO-PUMP (RCP-B)	ASME	UT PT
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95 -PT: NO RECORDABLE INDICATIONS, SURFACE CONDITIONING PERFORMED - ACCEPTABLE. UT: NO RECORDABLE INDICATIONS; < 90% CODE COVERAGE OBTAINED. RELIEF REQUEST TO BE GENERATED TO ADDRESS CODE COVERAGE AND CAST MATERIAL - ACCEPTABLE.



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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A5. 3-IN. PRESSURIZER SPRAY LINE

DRAWINGS: A-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
015400	B-J	B9.21	BSW-1 PIPE-TO-ELBOW	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

019600	B-J	B9.21	M-1 PIPE-TO-REDUCER	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

019800	B-J	B9.21	A NOZZLE-TO-PIPE	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

A6. 2-IN. PRESSURIZER SPRAY LINE

DRAWINGS: A-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
024000	B-J	B9.40	14 PIPE-TO-COUPLING	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

025300	B-J	B9.40	21 ELBOW-TO-PIPE	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

025400	B-J	B9.40	22 PIPE-TO-VALVE(297)	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A7. 3-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
026600	B-J	B9.21	C REDUCER-TO-VALVE(515)	ASME OE	PT

95 -PT: BASELINE EXAMINATION, NO RECORDABLE INDICATIONS -
ACCEPTABLE. NOTE: CONSTRUCTION NDE ON MAINTENANCE SUMMARY
M95127.

026700	B-J	B9.21	D VALVE(515)-TO-PIPE	OE	PT
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95 -PT: BASELINE EXAMINATION, NO RECORDABLE INDICATIONS -
ACCEPTABLE. NOTE: CONSTRUCTION NDE ON MAINTENANCE SUMMARY
M95127.

027000	B-J	B9.21	B REDUCER-TO-VALVE(516)	ASME	PT
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95 -PT: BASELINE EXAM, NO RECORDABLE INDICATIONS -
ACCEPTABLE. NOTE: CONSTRUCTION NDE ON SUMMARY M95132 &
MOVATS REPORT 95-36.

027100	B-J	B9.21	C VALVE(516)-TO-PIPE	ASME	PT
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95 -PT: BASELINE EXAM, NO RECORDABLE INDICATIONS -
ACCEPTABLE. NOTE: CONSTRUCTION NDE ON SUMMARY M95132 &
MOVATS REPORT # 95-36.

R. E. GINNA NUCLEAR POWER PLANT

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1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
2. Plant R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario, NY 14519
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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A8. 4-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
028200	B-J	B9.11	Q REDUCER-TO-ELBOW	ASME	UT PT

95 -PT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. 100%
COVERAGE.

A9. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: A-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
029100	B-J	B9.11	ASW-1 PIPE-TO-ELBOW	ASME	UT PT

95 -PT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

A10. H.P. SAFETY INJECTION LINE TO LOOP B COLD LEG

DRAWINGS: A-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
033800	B-J	B9.11	FSW-1 PIPE-TO-ELBOW	ASME	UT PT

95 -PT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. GREATER
THAN 90% COVERAGE OBTAINED.

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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A11. H.P. SAFETY INJECTION LINE

DRAWINGS: A-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
038700	B-J	B9.40	FSW-19 TEE-TO-REDUCER	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

041700	B-J	B9.40	GSW-15 ELBOW-TO-PIPE	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

A12. 2" H.P. SAFETY INJECTION TO LOOP B HOT LEG

DRAWINGS: A-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
042200	B-J	B9.40	GSW-20 2" PIPE-TO-BRANCH CONNECTION	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

A13. 2" LETDOWN TO REGEN HTX

DRAWINGS: A-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
044900	B-J	B9.40	20 PIPE-TO-ELBOW	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

045425	F-A	F1.10R	CVU-33 GUIDE	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A14. SEAL WATER TO RCP-A

DRAWINGS: A-31

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049750	B-J	B9.40	20 ELBOW-TO-PIPE	ASME	PT

95 -PT: REJECT; 1/8" ROUND PORE, BLEEDOUT 1/4" AT FITTING
SIDE-TOE OF WELD. ORIGINAL CONSTRUCTION, NCR95-030
GENERATED, USE-AS-IS. SURFACE CONDITIONING PERFORMED, PORE
REMOVED. PERFORMED VT & PT ON CONDITIONED AREA, NO
RECORDABLE - ACCEPTABLE.

049765	B-J	B9.40	19 PIPE-TO-ELBOW	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS, GREATER THAN 90% COVERAGE
OBTAINED, - ACCEPTABLE.

A15. 2" CHARGING TO LOOP B COLD LEG

DRAWINGS: A-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
050740	F-A	F1.10V	CVU-6 VARIABLE SPRING	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS, TEMP. 73 DEG. F.,
SETTING 5/8" = 80 #'S, - ACCEPTABLE.

050745	B-J	B9.40	21C TEE-TO-REDUCER	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

050750	B-J	B9.40	22 PIPE-TO-VALVE(295)	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A16. 2" ALTERNATE CHARGING TO LOOP A COLD LEG

DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
051400	B-J	B9.40	20 VALVE(392B)-TO-PIPE	ASME	PT UT

95 -PT: WELD NO RECORDABLE INDICATIONS - ACCEPTABLE. VALVE (V392B) CASTING SIDE CONTAINS LARGE AMOUNTS OF POROSITY (1/8 TO 3/8"), NOT SERVICE INDUCED. NCR 95-033 GENERATED. UT THICKNESS PERFORMED, AVERAGE .600". USE-AS-IS PER ENGINEERING -ACCEPTABLE.

052500	B-J	B9.40	30 ELBOW-TO-PIPE	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

052700	B-J	B9.40	32 PIPE-TO-COUPLING	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

A16. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
054930	B-J	B9.40	9B VALVE(9315)-TO-TEE	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

054960	B-J	B9.40	9D TEE-TO-REDUCING INSERT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

CLASS 1 COMPONENTS (CONT.):

A17. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
055300	B-J	B9.40	12 PIPE-TO-NOZZLE	ASME	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

A18. REACTOR COOLANT PUMP B

DRAWINGS: NA

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
058105	FLYWHEL	RG-1.14	RCP-B FLYWHEEL, EXPOSE AUG AREAS 212-3D19156-G01-02		PT UT

95 -PT & UT: EXAMINED ALL ACCESSIBLE AREAS, NO RECORDABLE INDICATIONS - ACCEPTABLE.

058120	----	BOLT	RCP-B ANCHOR BOLTS BOLTS	OE	UT
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95 -UT: NO RECORDABLE INDICATIONS FOR STUDS L1-L4, M1-M4, N1, N3, N4. OTHER: STUD L4 IS 11.7" LONG. REJECT: STUD N-2, INDICATION AT 19.2", SEE NCR94-056 FOR RESOLUTION, NO APPARENT CHANGE SINCE 1994 EXAM. - ACCEPTABLE.

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ATTACHMENT I

B. CLASS 2 COMPONENTS:

B1. 2" CHARGING FROM REGEN HTX

DRAWINGS: A-25A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
050420	----	C3.20	CVU-60 (IA) INTEGRAL ATTACHMENT	OE	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

050425	----	F1.20A	CVU-60 ANCHOR (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B2. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
054625	----	C3.20	CVU-48 (IA) INTEGRAL ATTACHMENT	OE	PT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

054630	----	F1.20A	CVU-48 ANCHOR (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B3. PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
075430	F-A	F1.20A	CF-S1 SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

075460	F-A	F1.20A	CF-S2 SUPPORT (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE & REJECT; LACK OF THREAD ENGAGEMENT BY 1 THREAD ON NE HILTI NUT, NOT SERVICE INDUCED. USE-AS-IS PER ENGINEERING LETTER DATED 5/25/95 - ACCEPTABLE.

075500	C-C	C3.20	CF-S1 (IA) INTEGRAL ATTACHMENT	OE	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

075600	C-C	C3.20	CF-S2 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B4. CHARGING PUMP A TO PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
077500	F-A	F1.20R	CVU-411 RIGID RESTRAINT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE & INSIGNIFICANT; POOR WORKMANSHIP ON WELD REPORTED ON 942074 PT EXAM RECORD - ACCEPTABLE.

077501	C-C	C3.20	CVU-411 (IA) INTEGRAL ATTACHMENT	ASME	PT VT-1
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95 -PT: REJ; POOR WELD WORKMANSHIP ON ORIGINAL WELD. NCR94-133 GENERATED. SURF CONDITIONED. VT-1: NO RECORDABLE & INSIG: 6" OF 3/16" WELD ROUGH ON BACKSIDE. PT: INSIG; IN 6" OF WELD, 1 1/4" HAS SLAG, & INDICATIONS ON 3" LENGTH. ACCEPT PER NCR REV 2.

B5. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
080900	F-A	F1.20V	MSU-45 VARIABLE SPRING	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS. TEMP. 106 DEG. F., NORTH = 1935 #'S (0.4"), SOUTH = 2115 #'S (0.6) - ACCEPTABLE.

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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B6. MAIN STEAM LOOP A ATMOSPHERIC VENT

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
083850	C-F-2	C5.51	G2-BC-2-B FLANGE(3507)-TO-PIPE	ASME	VT-1 MT RT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT:
NO RECORDABLE & INSIGNIFICANT; 5-10 POROSITY AT 7 1/2" <= 0.031" - ACCEPTABLE.

084320	F-A	F1.20S	MSU-58 MECHANICAL SNUBBER	OE	VT-3
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95 -VT-3: BASELINE EXAM. TEMP. 75 DEG. F., SETTING 3 1/8",
PSA-3 5" STROKE, S/N 18187. NO RECORDABLE INDICATIONS -
ACCEPTABLE.

B7. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
088830	F-A	F1.20R	MSU-33 GUIDE (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

088835	C-C	C3.20	MSU-33 (IA) INTEGRAL ATTACHMENT	OE	MT
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95 -MT: NO RECORDABLE INDICATIONS & LIMITATIONS; ONLY 50 %
OF INTEGRAL ATTACHMENT WELD IS ACCESSIBLE DUE TO AS BUILT
CONFIGURATION LIMITS - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B8. MAIN STEAM LOOP B TO AUX FW PUMP TURBINE

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
090300	C-F-2	C5.51	L2-BC-1-A PIPE-TO-VALVE(3504)	ASME	RT VT-1 MT

95 -MT: NO RECORDABLE. VT-1: NO RECORDABLE & INSIGNIFICANT;
SLIGHT RUST & WELD PREP. RT: INSIGNIFICANT; SLAG, POROSITY,
INTERNAL CONCAVITY - NO CHANGE SINCE LAST EXAMINATION -
ACCEPTABLE.

B9. MAIN STEAM LOOP B ATMOSPHERIC VENT

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
090820	F-A	F1.20S	MSU-55 MECHANICAL SNUBBER	OE	VT-3

95 -VT-3: BASELINE EXAM. TEMP. 74 DEG. F., SETTING 2 13/16";
PSA-3 5" STROKE, S/N 18195. NO RECORDABLE INDICATIONS -
ACCEPTABLE.

B10. FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
093100	F-A	F1.20V	FWU-2 VARIABLE SPRING	OE	VT-3

95 -VT-3: TEMP. 65 DEG. F., SETTING 2126 #'S. NO RECORDABLE
& INSIGNIFICANT; LACK OF THREAD ENGAGEMENT ON UPPER HANGER
ANCHOR & UPPER HANGER ROD BENT. ACCEPTABLE PER NCRS 83-132 &
92-147.

093700	C-F-2	C5.51	DD5 PIPE-TO-ELBOW	ASME	RT MT VT-1
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95 -VT-1 & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT:
NO RECORDABLE & INSIGNIFICANT; TUNGSTEN @ 30 5/8" (1/32"),
NO CHANGE SINCE LAST EXAMINATION - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B11. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
095200	F-A	F1.20R	FWU-45 RIGID RESTRAINT	OE	VT-3

95 -VT-3: NO RECORDABLE & INSIGNIFICANT; RESTRAINT BODY
REVERSED - ACCEPTABLE.

B12. FEEDWATER LOOP B INSIDE CV

DRAWINGS: B-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
098100	F-A	F1.20V	FWU-11 VARIABLE SPRING	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS, TEMP. 69 DEG. F.,
SETTING 1/2" = 2315 #'S, - ACCEPTABLE.

B13. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: B-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
108450	F-A	F1.20A	PEN 111 ANCHOR ANCHOR (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

108451	C-C	C3.20	PEN 111 ANCHOR (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B14. 6-IN. RESID HT REMOVAL TO RPV (LHSI)

DRAWINGS: B-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
110650	F-A	F1.20R	RHU-9 RIGID SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

110655	C-C	C3.20	RHU-9 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B15. H.P. SAFETY INJECTION FROM RHR

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
120700	C-F-1	----	5 REDUCER-TO-CROSS	OE	PT UT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE. UT: NO
RECORDABLE INDICATIONS & GEOMETRY - ACCEPTABLE. GREATER THAN
90% COVERAGE ACHIEVED.

B16. H.P. SAFETY INJECTION LINE 8K-SI-151

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
124200	F-A	F1.20R	RHU-102 RIGID SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

124202	C-C	C3.20	RHU-102 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B17. RESIDUAL HEAT REMOVAL FROM LOOP A HOT LEG

DRAWINGS: B-20A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
135350	F-A	F1.20A	PEN 140 ANCHOR (IN/OUT) ANCHOR (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

135351	C-C	C3.20	PEN 140 ANCHOR (IA) (IN/OUT) INTEGRAL ATTACHMENT	OE	PT
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95 -PT: NO RECORDABLE INDICATIONS. OTHER: APPROX. 1/8" OF WELD & THE 1/2" INSPECTION AREA OUTSIDE OF THE TOE ARE NOT INSPECTABLE DUE TO THE INSTALLATION OF STRONG BACK. APPROX. 82% COVERAGE ACHIEVED.

B18. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: B-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
145885	F-A	F1.20R	RHU-55 RIGID SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

145890	C-C	C3.20	RHU-55 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B19. RESIDUAL HEAT REMOVAL LINE 6D-AC-601

DRAWINGS: B-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
147900	F-A	F1.20A	RHU-95 ANCHOR (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

147910	C-C	C3.20	RHU-95 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE. SUCCESSIVE EXAM.

B20. RESIDUAL HEAT REMOVAL LINE 6B-AC-601

DRAWINGS: B-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
151100	F-A	F1.20R	RHU-49 RIGID SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

151120	C-C	C3.20	RHU-49 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B21. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: B-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
151700	C-F-1	----	1 TEE-TO-PIPE	OE	PT UT

95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE. UT: NO RECORDABLE INDICATIONS & GEOMETRY - ACCEPTABLE. GREATER THAN 90% ACHIEVED.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B22. H.P. SAFETY INJECTION PUMP A SUCTION LINE

DRAWINGS: B-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
160750	F-A	F1.20V	RHU-118 VARIABLE SPRING	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. TEMP. 110 DEG. F., SETTING 9/16" = 183 #'S. RE-EXAM REQUIRED PER NCR94-024.

B23. H.P. SAFETY INJECTION LINE 4D-SI-1501

DRAWINGS: B-38

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161520	F-A	F1.20R	SIU-41 RIGID RESTRAINT	OE	VT-3

95 -VT-3: SUCCESSIVE OWNER ELECTED EXAM, NO RECORDABLE INDICATIONS - ACCEPTABLE.

B24. H.P. SAFETY INJECTION LINE 3C-SI-1501

DRAWINGS: B-41

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163020	F-A	F1.20R	SIU-85 RIGID SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. SUCCESSIVE EXAM.

163021	C-C	C3.20	SIU-85 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE. SUCCESSIVE EXAM.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
2. Plant R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario, NY 14519
3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B25. H.P. SAFETY INJECTION LINE 3E-SI-1501

DRAWINGS: B-42

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163720	F-A	F1.20R	SIU-62 GUIDE (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

163721	C-C	C3.20	SIU-62 (IA) INTEGRAL ATTACHMENT	ASME	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B26. H.P. SAFETY INJECTION LINE 4E-SI-1501

DRAWINGS: B-42

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163890	C-F-1	C5.21	28 PIPE-TO-ELBOW	ASME	PT UT

95 -PT: INSIG: ROUND INDICATION 1/32" DIA. L=8 7/8, CENTER OF WELD. UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. GREATER THAN 90% COVERAGE OBTAINED.

164180	C-F-1	C5.21	47 ELBOW-TO-PIPE	ASME	PT UT
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95 -PT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B27. RESIDUAL HEAT EXCHANGER A

DRAWINGS: B-109

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
169041	C-B	C2.33	INSRHE-1A INLET NOZZLE-TO-SHELL WELD	ASME	VT-2

95 -VT-2: TAKING CREDIT FOR EXAM PERFORMED UNDER SUMMARY
NUMBER 413400 IN 1993, TEST WAS ACCEPTABLE.

169051	C-B	C2.33	ONSRHE-1A OUTLET NOZZLE-TO-SHELL WELD	ASME	VT-2
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95 -VT-2: TAKING CREDIT FOR EXAM PERFORMED UNDER SUMMARY
NUMBER 413400 IN 1993, TEST WAS ACCEPTABLE.

B28. SERVICE WATER LINE 6G-SW-125

DRAWINGS: B-50

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173020	----	C-F-2*	3 REDUCING ELBOW-TO-PIPE	OE	MT UT VT-1

95 -VT-1: INSIG; SURFACE RUST & CORROSION OVER FULL PIPE
AREA. RANDOM PITTING. MT: NO RECORDABLE INDICATIONS. UT: NO
RECORDABLE INDICATIONS & GEOMETRY. UT: WALL THICKNESS .246"
ACCEPTABLE PER MECH. ENG. DESIGN ANALYSIS DA-ME-95-003. WELD
ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B29. SERVICE WATER LINE 8M-SW-125

DRAWINGS: B-50A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173350	----	F1.20R	SWU-78 GUIDE	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS & OTHER; SHIM (3" X 1/2" X 4") WELDED IN PLACE WITH 3/16" FILLET WELD ON EAST AND WEST SIDES. ACCEPTABLE PER ME-121. NO INTEGRAL ATTACHMENT.

B30. SERVICE WATER LINE 6F-SW-125

DRAWINGS: B-50A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173505	----	F1.20A	PEN 308 ANCHOR (TYPE III) ANCHOR (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

173506	----	C3.20	PEN 308 ANCHOR (IA) (TYPE III) INTEGRAL ATTACHMENT	OE	MT
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95 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B31. SERVICE WATER LINE 8L-SW-125

DRAWINGS: B-50A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173530	----	C-F-2*	43 TEE-TO-PIPE	OE	MT UT VT-1

95 -VT-1: NO RECORDABLE INDICATIONS & INSIG: MINOR PITTING ON BASE METAL. MISALIGNMENT BETWEEN PIPE & TEE. TEE OD IS LARGER THAN PIPE 1/16" TO 1/8" - ACCEPTABLE. MT: NRI;-ACCEPT. UT: NRI & GEOMETRY - ACCEPTABLE. GREATER THAN 90% ACHIEVED.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B32. SERVICE WATER LINE 8I-SW-125

DRAWINGS: B-51C

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
174140	----	C3.20	SWU-64 (IA) INTEGRAL ATTACHMENT	OE	MT

95 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

174150	----	F1.20R	SWU-64 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B33. SERVICE WATER LINE 6B-SW-125

DRAWINGS: B-52B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175205	----	F1.20A	PEN 315 ANCHOR (TYPE III) ANCHOR (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

175206	----	C3.20	PEN 315 ANCHOR (IA) (TYPE III) INTEGRAL ATTACHMENT	OE	MT
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95 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B34. SERVICE WATER LINE 6A-SW-125

DRAWINGS: B-53

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175310	----	C-F-2*	3 REDUCING ELBOW-TO-PIPE	OE	MT UT VT-1

95 -VT-1: NRI, INSIG & OTHER; RANDOM PITTING (SEE EXAM SHEET), MEDIUM RUST - ACCEPTABLE. MT: NRI & OTHER; RANDOM PITTING, NO WELD DEFECTS FOUND - ACCEPTABLE. UT: NO RECORDABLE INDICATIONS & GEOMETRY - ACCEPTABLE. GREATER THAN 90% ACHIEVED.

175325	----	F1.20A	PEN 312 ANCHOR (TYPE III) ANCHOR (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE & INSIGNIFICANT; VENT LINE IS EMBEDDED IN CONCRETE - ACCEPTABLE.

175326	----	C3.20	PEN 312 ANCHOR (IA) (TYPE III) INTEGRAL ATTACHMENT	OE	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

B35. SERVICE WATER LINE 6-SW-125

DRAWINGS: B-53A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175885	----	F1.20A	PEN 323 ANCHOR (TYPE III) ANCHOR (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE & INSIGNIFICANT; VENT LINE EMBEDDED IN CONCRETE - ACCEPTABLE.

175886	----	C3.20	PEN 323 ANCHOR (IA) (TYPE III) INTEGRAL ATTACHMENT	OE	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B36. STANDBY AUX FW THRU PEN 119 TO A S/G FWHD INCV

DRAWINGS: C-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
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176120	----	F1.20R	AFU-217 (AFW-19) GUIDE (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

176121	----	C3.20	AFU-217 (AFW-19) (IA) INTEGRAL ATTACHMENT	OE	MT
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95 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

C. CLASS 3 COMPONENTS:

C1. SEAL WATER HEAT EXCHANGER

DRAWINGS: B-4

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
073150	----	F1.40	S1 SUPPORT LEG #1	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

073160	----	F1.40	S2 SUPPORT LEG #2	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

073200	----	D2.20	S1 SUPPORT LEG #1 - IA	OE	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

073300	----	D2.20	S2 SUPPORT LEG #2 - IA	OE	PT
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95 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C2. DIESEL GENERATOR A J.W. COOLING RETURN

DRAWINGS: C-35

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500120	D-B	D2.20	DG-1A (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: NO DRAWING AVAILABLE - 3/16" FILLET WELDS.

500125	F-A	F1.30R	DG-1A RIGID SUPPORT (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: NO DRAWING AVAILABLE.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C2. DIESEL GENERATOR A J.W. COOLING RETURN (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500130	D-B	D2.20	DG-2A (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: NO DRAWING AVAILABLE, 3/16" FILLET WELDS.

500135	F-A	F1.30R	DG-2A RIGID SUPPORT (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: NO DRAWING AVAILABLE.

C3. AUX. COOLING WTR. FROM NON-REG. HT. EXCH.

DRAWINGS: C-3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500320	F-A	F1.30R	CCU-106 RIGID RESTRAINT	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG: CHIPPED PAINT - ACCEPTABLE. OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.

500360	F-A	F1.30R	CCU-110 RIGID HANGER	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.

500370	F-A	F1.30R	CCU-111 RIGID HANGER	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS-ACCEPTABLE. NOTE: 2 LUGS ON EITHER END OF U-BOLT LUGS APPEAR TO BE OLD SADDLES CUT-OUT, APPROX. 3/4 TO 1" LONG W/ 3/16" FILLET WELDS AS AN INTEGRAL ATTACHMENT-ACCEPTABLE. OE EXPANDED EXAM FOR NCR94-129 & NCR94-130.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C4. COMP.COOL.HT.EXCHS.TO RESIDUAL HT.EXCHS.

DRAWINGS: C-4

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500530	D-B	D2.20	CCU-138 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE & INSIG; LUG#3 UNDERSIZE WELD 4" (1/8" FILLET) FROM TOP TO BOTTOM. LUG#4 UNDERSIZE WELD 7 1/2" TO 8" FROM TOP, < 1/16", 1/2" IN LENGTH. UNDERCUT @ 4" FROM TOP 1" IN LENGTH < 1/32". OK PER ENG. ORIGINAL CONSTRUCTION -ACCEPTABLE.

500535	F-A	F1.30R	CCU-138 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE & INSIGNIFICANT; PAINTED SURFACE, SLIGHT RUST - ACCEPTABLE.

500610	D-B	D2.20	CCU-146 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

500615	F-A	F1.30R	CCU-146 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C5. COMP.COOL.PMPS., SUC.FM RES.HT.EX.& SG.TK

DRAWINGS: C-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500760	D-B	D2.20	CCU-156 (IA) INTEGRAL ATTACHMENT	OE	VT-3 MT

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. MT: NO RECORDABLE INDICATIONS, AUGMENTED EXAM. - ACCEPTABLE. OWNER ELECTED EXPANDED EXAM FOR NCR94-124.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C5. COMP.COOL.PMPS.,SUC.FM RES.HT.EX.& SG.TK (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500765	F-A	F1.30R	CCU-156 RIGID SUPPORT (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG:
1/8" SHIM ON WEST SIDE & NORTH WEST CORNER OF SUPPORT -
ACCEPTABLE. OWNER ELECTED EXPANDED EXAM FOR NCR94-124.

500770	D-B	D2.40	CCU-158 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG:
LIGHT RUST, SOME CHIPPED PAINT - ACCEPTABLE.

500775	F-A	F1.30V	CCU-158 VARIABLE SPRING (IA)	OE	VT-3 VT-3
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95 -VT-3: REJ: OWNER ELECTED EXAM, W. SPRING CAN UPPER
ATTACH. LOOSE NUT, SPACER MISSING ON LOWER E. SIDE OF CLAMP.
SPRING CANS OFF SCALE. NCR94-124 GENERATED-SERVICE INDUCED.
VT-3: RE-EXAM, NRI & INSIG: TEMP. 73 DEG., SETTING=1333 #'S
E.& W.-ACCEPT.

500780	F-A	F1.30R	CCU-159 RIGID RESTRAINT	OE	VT-3 UT
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95 -OE EXPANDED FOR NCR94-124. VT-3: OE SERVICE INDUCED REJ:
DEFORMATION N. ATTACH UPPER BOLT, LOWER BOLT PULLED OUT.
NCR94-125 GENERATED. VT-3: RE-EXAM REJ:, S. PLATE LIFTED
5/32". UT: AUG. EXAM., 4 BOLTS 6" LONG. USE-AS-IS PER REV.
NCR94-125.

500790	D-B	D2.40	CCU-160 (IA) INTEGRAL ATTACHMENT	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OWNER
ELECTED EXPANDED EXAM FOR NCR94-124.

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C5. COMP.COOL.PMPS.,SUC.FM RES.HT.EX.& SG.TK (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500795	F-A	F1.30V	CCU-160 VARIABLE SPRING (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. TEMP. = 69 DEG. F., SETTING = 5/8" = 1832 #'S. OWNER ELECTED EXPANDED EXAM FOR NCR94-124.

500800	F-A	F1.30V	CCU-165 VARIABLE SPRING	OE	VT-3 VT-3
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95 -EXPANDED FOR NCR94-125. VT-3: OWNER ELECTED SERVICE INDUCED REJECT, LOOSE NUT TURNS < 1/8 TURN. NCR94-129 GENERATED. VT-3: RE-EXAM, NO RECORDABLE INDICATIONS - ACCEPTABLE.

500810	F-A	F1.30R	CCU-166 RIGID RESTRAINT	OE	VT-3 VT-3
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95 -EXPANDED FOR NCR94-125. VT-3: OWNER ELECTED SERVICE INDUCED REJECT: LOOSE BOLT, 4 NUTS LOOSE ON HILTI BOLTS. PLATE AWAY FROM WALL 1/8", THRD ROD NOT IN INSPECTION PORT BY 1/2", THRDS DAMAGE. NCR94-130 GEN. VT-3: RE-EXAM, -NO RECORDABLE INDICATIONS.

500820	D-B	D2.40	CCU-167 (IA) INTEGRAL ATTACHMENT	OE	VT-3 VT-3
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95 -OWNER ELECTED EXPANDED FOR NCR94-124. VT-3: ORIGINAL CONSTRUCTION REJ: ITEM #8 WELD MISSING OVER PIPE TO ELBOW WELD. E SIDE 1/2", W SIDE 5/8". NCR94-131 GENERATED. VT-3: RE-EXAM, INSIG: LIGHT TO MODERATE RUST. USE-AS-IS PER NCR94-131.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C5. COMP.COOL.PMPS.,SUC.FM RES.HT.EX.& SG.TK (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500825	F-A	F1.30V	CCU-167 VARIABLE SPRING (IA)	OE	VT-3 VT-3

95 -EXPANDED FOR NCR94-124. VT-3: OWNER ELECTED EXPANSION SERVICE INDUCED REJ: SETTING OUT OF WORKING RANGE. T/C 002594 GENERATED. VT-3: RE-EXAM AFTER RESETTING, NO RECORDABLE INDICATIONS, TEMP. 73 DEG. F., SETTING 1 3/32" = 2948#'S - ACCEPTABLE.

500830	F-A	F1.30R	CCU-168 GUIDE	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.

500840	D-B	D2.40	CCU-169 (IA) INTEGRAL ATTACHMENT	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG: MODERATE RUST - ACCEPTABLE. OWNER ELECTED EXPANDED EXAM FOR NCR94-124.

500845	F-A	F1.30V	CCU-169 VARIABLE SPRING (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. TEMP. 69 DEG. F., SETTING 7/8" = 2013 #'S. OWNER ELECTED EXPANDED EXAM FOR NCR94-124.

500850	D-B	D2.20	CCU-170 (IA) INTEGRAL ATTACHMENT	OE	VT-3
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95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR-130. VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C5. COMP.COOL.PMPS.,SUC.FM RES.HT.EX.& SG.TK (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500855	F-A	F1.30R	CCU-170 GUIDE (IA)	OE	VT-3

95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.
VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C6. AUX.COOL.IN & OUT FOR BORIC ACID EVAPOR.

DRAWINGS: C-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500910	D-B	D2.20	CCU-128 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG:
LIGHT TO MODERATE RUST. NO SPECIFICATIONS FOR WELD
REINFORCEMENT, INTEGRAL ATTACHMENT ABANDONED IN PLACE -
ACCEPTABLE.

500915	F-A	F1.30R	CCU-128 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

501000	F-A	F1.30R	CCU-161 GUIDE	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OWNER
ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.

501010	F-A	F1.30R	CCU-162 RIGID RESTRAINT	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OWNER
ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
2. Plant R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario, NY 14519
3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C6. AUX.COOL.IN & OUT FOR BORIC ACID EVAPOR. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501030	D-B	D2.20	CCU-164 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

501035	F-A	F1.30A	CCU-164 ANCHOR (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C7. AUX.COOL.WTR. FROM PEN 124,125,126 & 130

DRAWINGS: C-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501140	F-A	F1.30R	CCU-231 RIGID HANGER	OE	VT-3

95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.
VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

501150	F-A	F1.30R	CCU-232 RIGID RESTRAINT	OE	VT-3
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95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.
VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

501160	F-A	F1.30R	CCU-233 RIGID RESTRAINT	OE	VT-3
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95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-129 & NCR94-130.
VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C8. SW COMP.COOL.& SP.FUEL PIT HT EXS.,DISCH

DRAWINGS: C-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501660	D-C	D3.20	SWU-164 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

501665	F-A	F1.30R	SWU-164 RIGID HANGER (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C9. SVC.WTR.-TO COMP.COOL.& SP.FL.PIT HT.EXS.

DRAWINGS: C-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501870	D-C	D3.20	SWU-191 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;
MODERATE RUST ON PIPE - ACCEPTABLE.

501875	F-A	F1.30R	SWU-191 RIGID SUPPORT (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;
MODERATE RUST. DRAWING DOES NOT MATCH SUPPORT ITEMS #1 & #5.
OLD & CUT-OFF LUGS REMAIN, DCR GENERATED - ACCEPTABLE.

501890	D-C	D3.20	SWU-193 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C9. SVC.WTR.-TO COMP.COOL.& SP.FL.PIT HT.EXS. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501895	F-A	F1.30R	SWU-193 RIGID HANGER (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C10. SVC.WTR.-TO A & B DIESEL GEN.WTR.COOLERS

DRAWINGS: C-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502270	D-B	D2.20	SWU-251 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; LIGHT RUST ON THE INTEGRAL ATTACHMENT - ACCEPTABLE.

502275	F-A	F1.30R	SWU-251 RIGID SUPPORT (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; ITEM #2 BASE PLATE IS COVERED WITH A HEAVY COAT OF PAINT AND CANNOT BE SEEN - ACCEPTABLE.

C11. SVC.WTR.-INTMD.BLDG.16"HD.TO PEN 312-320

DRAWINGS: C-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502960	D-B	D2.20	SWU-340 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

502965	F-A	F1.30R	SWU-340 RIGID HANGER (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: ITEM #3 FILLET WELD TO BEAM = 3/16". ITEM #1, 4 SEPARATE FILLET WELDS ARE ACCORDING TO DRAWING.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C12. SVC.WTR.-INTMD.BLDG.14"HD.TO CHILL. A&B

DRAWINGS: C-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503000	D-B	D2.20	SWU-344 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503005	F-A	F1.30R	SWU-344 RIGID RESTRAINT (IA)	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. C&L S/N
N633, N-EG-13312-81-348-21.

C13. SVC.WTR.-PUMPS A,B,C & D DISCH.SCR.HOUSE

DRAWINGS: C-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503445	F-A	F1.30R	SWU-630 (N741) GUIDE	OE	VT-3

95 -VT-3: BASELINE EXAM FOR EWR 5284B V4604 REPLACEMENT. NO
RECORDABLE & INSIGNIFICANT; IMPROPER CLEARANCE, NO GAP,
ACCEPTABLE PER ME-121 - ACCEPTABLE.

503480	D-B	D2.20	SWU-634 (N745) (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: BASELINE EXAM FOR EWR 5284B V4604 REPLACEMENT. NO
RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: ADDITIONAL
EXAMINATIONS PERFORMED INCLUDED VT-1 & MT - ACCEPTABLE.

503485	F-A	F1.30R	SWU-634 (N745) RIGID SUPPORT (IA)	ASME	VT-3
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95 -VT-3: BASELINE EXAM FOR EWR 5284B V4604 REPLACEMENT. NO
RECORDABLE & INSIGNIFICANT; ANCHOR BOLTS ACCEPTABLE PER NOTE
ON DRAWING - ACCEPTABLE.



R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C14. AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505060	F-A	F1.30R	AFU-14 RIGID RESTRAINT (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: NO ID TAG ON STRUT.

505080	F-A	F1.30R	AFU-16 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. C&L S/N N633 N-EG-13312-81-377H.

505110	F-A	F1.30R	AFU-19 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. C&L N-EG-13312-81-3771.

505120	F-A	F1.30R	AFU-20 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505170	F-A	F1.30R	AFU-25 U-BOLT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505180	F-A	F1.30R	AFU-26 RIGID HANGER (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C14. AUX. FW PUMPS DISCH - INTERMED. BLDG. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505190	F-A	F1.30R	AFU-27 RIGID RESTRAINT	OE	VT-3

95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-121. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; FILLET WELDS TO EXISTING 12WF53 ARE 5/16" - ACCEPTABLE.

505200	F-A	F1.30R	AFU-28 RIGID HANGER (NRC 50%)	OE	VT-3 VT-3
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95 -VT-3: OWNER ELECTED EXAM REJ: PIPE SUPPORT HAS APPROXIMATELY 1/2" PLAY & IS FREE TO MOVE, NOT SERVICE INDUCED. NCR94-121 GENERATED. VT-3: RE-EXAM; NO RECORDABLE INDICATIONS - ACCEPTABLE.

505210	F-A	F1.30R	AFU-29 GUIDE (NRC 50%)	OE	VT-3
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95 -OWNER ELECTED EXPANDED EXAM FOR NCR94-121. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; 1/4" FILLET WELDS WERE >1/4" < 5/16", 3/16" FILLET WELDS WERE >3/16" < 1/4", 5/16" FILLET WELDS WERE >5/16" < 3/8" - ACCEPTABLE.

505230	D-B	D2.20	AFU-100 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505235	F-A	F1.30R	AFU-100 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OTHER: ALL SHIMS NOTED ARE IN ADDITION TO DRAWINGS. THE 7/8" SHIMS HAVE 3/16" FILLER WELDS AND THE 1/4" SHIM HAS A 1/8" FILLET WELD. SHIM SPECIFICATIONS ARE UNKNOWN.



R. E. GINNA NUCLEAR POWER PLANT

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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C14. AUX. FW PUMPS DISCH - INTERMED. BLDG. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505360	F-A	F1.30R	AFU-38 GUIDE (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; SHIM
USED ON BOTTOM OF PIPE & IS WELDED TO ITEM #2 - ACCEPTABLE.

505370	F-A	F1.30R	AFU-39 GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505410	F-A	F1.30R	AFU-43 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. C&L S/N
633, N-EG-13312-81-377J.

505520	F-A	F1.30R	AFU-54 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. S/N N633,
N-EG-13312-81-348-33.

505560	F-A	F1.30R	AFU-106 GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505580	D-B	D2.40	AFU-108 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C14. AUX. FW PUMPS DISCH - INTERMED. BLDG. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505585	F-A	F1.30V	AFU-108 VARIABLE SPRING (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. TEMP. 136
DEG. F., SETTING = 1.45 = 104 #'S. C&L TYPE B SIZE 1, ID#
N-EG-13312-82-296.

C15. TURB AUX FW PUMP DISCHARGE

DRAWINGS: C-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505612	F-A	F1.30R	AFU-87 GUIDE (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C16. AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505640	F-A	F1.30R	AFU-64 GUIDE (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE:
DISTANCE BETWEEN PIPE & GUIDE - NORTH SIDE = 0"; SOUTH, EAST
& WEST < 1/16" & NOT 0".

505680	F-A	F1.30R	AFU-68 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. C&L S/N
633, N-EG-13312-91-348-40.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C16. AUX. FW PUMPS DISCH - INTERMED. BLDG. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505690	F-A	F1.30R	AFU-69 GUIDE (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE:
DISTANCE BETWEEN PIPE & GUIDE IS AS FOLLOWS; NORTH SIDE =
1/8", SOUTH SIDE = 0", EAST & WEST SIDES = 1/16".

505710	F-A	F1.30R	AFU-71 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505760	F-A	F1.30V	AFU-76 VARIABLE SPRING (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. TEMP. 84
DEG. F., SETTING 0.85 = 245# 'S. ID NEG 13312 82 306B, TYPE
B.

505840	D-B	D2.20	AFU-93 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505845	F-A	F1.30R	AFU-93 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OTHER: ALL
SHIMS NOTED ARE IN ADDITION TO DRAWINGS, THE 7/8" SHIMS HAVE
3/16" FILLET WELDS AND THE 1/4" SHIM HAS A 1/8" FILLET WELD.
SHIM SPECIFICATIONS ARE UNKNOWN.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C16. AUX. FW PUMPS DISCH - INTERMED. BLDG. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505940	F-A	F1.30R	AFU-85 GUIDE (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE:
LIMITATION, GROUT CONCEALING PART OF COLUMN TO BEAM WELD.

506040	F-A	F1.30R	AFU-120 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. S/N N663.
ID # N-EG-13312-81-345-8.

C17. STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C

DRAWINGS: C-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507240	F-A	F1.30R	AFU-261 (AFW-74) U-BOLT (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507250	F-A	F1.30R	AFU-262 (AFW-75) U-BOLT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507290	F-A	F1.30R	AFU-266 (AFW-79) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507350	F-A	F1.30R	AFU-272 (AFW-85) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C17. STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507390	F-A	F1.30R	AFU-164 (AFW-89) GUIDE (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507445	F-A	F1.30R	AFU-153 (AFW-120) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507500	F-A	F1.30R	AFU-159 (AFW-98) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: SHIM
PLATE BETWEEN ITEM #1 & ITEM #2 IS TACKED.

507520	F-A	F1.30R	AFU-158 (AFW-100) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507560	F-A	F1.30R	AFU-196 (AFW-104) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C18. STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D

DRAWINGS: C-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508145	F-A	F1.30R	AFU-231 (AFW-51) GUIDE (IA)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. BASELINE EXAM PERFORMED AFTER RE-INSTALLATION OF SUPPORT, NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: DAMAGE IDENTIFIED ON PIPE ADJACENT SUPPORT, NCR95-025 GENERATED, AREA CONDITIONED, SEE PACKAGE.

508146	D-B	D2.20	AFU-231 (AFW-51) (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508147	F-A	F1.30R	AFU-232 (NEW) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG: NO SHIM ITEM #4 - ACCEPTABLE.

508150	F-A	F1.30R	AFU-234 (NEW) U-BOLT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. C&L ID N-EG-13312-81-377N.

508170	F-A	F1.30R	AFU-237 (AFW-55) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508260	F-A	F1.30R	AFU-246 (AFW-64) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C18. STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508330	F-A	F1.30R	AFU-253 (AFW-71) RIGID HANGER (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508360	F-A	F1.30R	AFU-179 (AFW-119) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OTHER:
NOTE TOLERANCES BETWEEN PIPE AND SUPPORT [SETTINGS PER
DRAWING IN ()] NORTH = 0" (1/8"), EAST = 1/8" (1/16"), SOUTH
= 3/16" (0"), WEST = 0" (1/32").

508390	F-A	F1.30R	AFU-182 (AFW-112) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OTHER:
NOTE, NO SHIM PLATE ITEM #9.

508435	F-A	F1.30R	AFU-187 (AFW-121) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508450	F-A	F1.30R	AFU-189 (AFW-106) GUIDE (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OTHER:
NOTE, ITEM #7 SHIM PLATE HAS FULL LENGTH FILLET WELD, NOT
TACK WELD.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C19. TURBINE DRIVEN AUX. FW PUMP SUCTION

DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508500	F-A	F1.30R	AFU-1 RIGID RESTRAINT (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PAINT IS STARTING TO BLISTER DUE TO LIGHT CORROSION ON ITEMS #4 & #5 - ACCEPTABLE. C&L ID'S N-EG-13312-82-311-I, N-EG-13312-82-311-J.

508510	F-A	F1.30R	AFU-2 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS & OTHER; 4" LINE HAS 2 WELDED LUGS AT 0 & 180 DEG. TO RIGID RESTRAINT. S/N N633, N-EG-13312-81-348-2 - ACCEPTABLE.

C20. SW SUPPLY TO SAFW PUMP C

DRAWINGS: C-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508815	D-B	D2.20	SWU-590 (SW-122) (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508817	F-A	F1.30R	SWU-590 (SW-122) GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C21. MOTOR DRIVEN AUX. FW PUMP SUCTION

DRAWINGS: C-33

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508600	F-A	F1.30R	SWU-284 RIGID RESTRAINT (NRC 50%)	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. NOTE: C&L,
N-EG-13312-81-178B, NO SIZE LABELED.

C22. SW SUPPLY TO SAFW PUMP D

DRAWINGS: C-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508930	D-B	D2.20	SWU-514 (SW-142) (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508933	F-A	F1.30R	SWU-514 (SW-142) GUIDE (IA)	ASME	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. OTHER:
ITEM #2 ANGLE IS IN CONTACT WITH CONDUIT AT WALL. USE-AS-IS
PER ENGINEERING.

C23. STANDBY AUX. FW, SW SUPPLY TO SAFW PUMP D

DRAWINGS: C-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508960	F-A	F1.30R	SWU-522 (SW-140) GUIDE	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I.

CLASS 3 COMPONENTS (CONT.):

C24. MAIN STEAM SUPPLY TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
509020	D-B	D2.20	MSU-64 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE, INSIGNIFICANT & OTHER; TOP LUG BENT 5 DEG., 3/16" CLEARANCE. SOUTH LUG 1.8" CLEARANCE. BOTTOM TIGHT TO #7, NORTH TIGHT TO #5. DCR GENERATED TO UPDATE DRAWING FOR 2 ADDITIONAL LUGS - ACCEPTABLE.

509025	F-A	F1.30R	MSU-64 RIGID RESTRAINT (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C25. MAIN STEAM LOOP A TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
509160	D-B	D2.30	MSU-78 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: TEMP. 76 DEG. F.; SETTING 3 1/8". NO RECORDABLE INDICATIONS - ACCEPTABLE.

509165	F-A	F1.30S	MSU-78 MECHANICAL SNUBBER (IA)	OE	VT-3
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95 -VT-3: TEMP. 76 DEG. F., SETTING 3 1/8", NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

CLASS 3 COMPONENTS (CONT.):

C26. AUX FW PUMP A FLOW CONTROL BYPASS

DRAWINGS: C-1G

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
510035	D-B	D2.20	AFU-60 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

510040	F-A	F1.30R	AFU-60 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

C27. AUX FW PUMP B FLOW CONTROL BYPASS

DRAWINGS: C-1H

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
510065	D-B	D2.20	AFU-128 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

510070	F-A	F1.30R	AFU-128 GUIDE (IA)	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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ATTACHMENT I

D. HIGH ENERGY COMPONENTS:

D1. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200020	HE-DB	----	L1 REDUCER-TO-TEE	AUG	VT-1 MT RT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS. RT: NO RECORDABLE & INSIGNIFICANT; POROSITY & SLAG. NO APPARENT CHANGE SINCE LAST EXAMINATION - ACCEPTABLE.

D2. MAIN STEAM OUTSIDE CV

DRAWINGS: HE-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200025	HE-DB	----	L2 TEE-TO-PIPE	AUG	VT-1 MT RT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: NO RECORDABLE & INSIGNIFICANT; SLAG, POROSITY, WASHOUT; NO CHANGE SINCE LAST EXAMINATION - ACCEPTABLE.

D3. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200045	HE-DB	----	P1 REDUCER-TO-TEE	AUG	VT-1 RT MT

95 -MT: NO RECORDABLE, LIM: L=23"-35" DUE TO SUPPORT 90%.
VT-1: NO RECORDABLE & INSIGNIFICANT; L=56 1/2", W=11 1/2"
UP, 2 INDICATIONS FROM LINE UP LUG-1/8 X2 1/2X 1/64. RT: NO
RECORDABLE & INSIG; POROSITY, PEEN MARKS, WASHOUT, NO
CHANGE-ACCEPTABLE.

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ATTACHMENT I

HIGH ENERGY COMPONENTS (CONT.):

D4. FEEDWATER TURBINE BUILDING

DRAWINGS: HE-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200050	HE-DB	----	M3 PIPE-TO-TEE	AUG	VT-1 UT MT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS. UT: NO RECORDABLE & GEOMETRY; COUNTERBORE, CROWN & ROOT GEOMETRY. ZERO DEGREE SCAN PERFORMED IN '92., > 90% COVERAGE - ACCEPTABLE.

D5. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200055	HE-DB	----	M4 TEE-TO-REDUCER	AUG	VT-1 UT MT

95 -VT-1 & MT; NO RECORDABLE INDICATIONS. UT: NO RECORDABLE & GEOMETRY; COUNTERBORE & ROOT GEOMETRY, > 90% COVERAGE - ACCEPTABLE.

D6. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200075	HE-DB	----	A1 TEE-TO-REDUCER	AUG	VT-1 UT MT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS. UT: NO RECORDABLE, INSIGNIFICANT & GEOMETRY; COUNTERBORE & SLAG INCLUSION, > 90% COVERAGE ACHIEVED - ACCEPTABLE.

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ATTACHMENT I

HIGH ENERGY COMPONENTS (CONT.):

D7. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200160	HE-CB	----	L 3519 VALVE-TO-REDUCER	AUG	VT-1 RT MT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS. RT: NO RECORDABLE,
INSIGNIFICANT & OTHER; GOUGE IN BASE METAL AT 71", POROSITY
- NO CHANGE SINCE LAST EXAM - ACCEPTABLE.

D8. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200220	HE-CB	----	P 3518 VALVE-TO-REDUCER	AUG	VT-1 RT MT

95 -MT: NO RECORDABLE INDICATIONS. VT-1: NO RECORDABLE &
INSIGNIFICANT; LINE-UP LUG. RT: NO RECORDABLE &
INSIGNIFICANT; POROSITY, SLAG, BASE METAL INDICATION WHERE
TEMPORARY ATTACHMENT LOCATED @ 44". NO CHANGE SINCE LAST
EXAM - ACCEPTABLE.

D9. MAIN STEAM TURBINE BUILDING

DRAWINGS: HE-7A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200280	HE-CB	----	C1 ELBOW-TO-PIPE	AUG	VT-1 UT MT

95 -MT: NO RECORDABLE. VT-1: INSIGNIFICANT; MINOR PITTING ON
PIPE < 1/32". UT: NO RECORDABLE & GEOMETRY; ROOT,
COUNTERBORE, WELD CROWN GEOMETRY/REDIRECTED BEAM. > 90%
COVERAGE OBTAINED - ACCEPTABLE.



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ATTACHMENT I

HIGH ENERGY COMPONENTS (CONT.):

D9. MAIN STEAM TURBINE BUILDING (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200285	HE-CB	----	D PIPE-TO-ELBOW	AUG	VT-1 UT MT

95 -MT: NO RECORDABLE. VT-1: INSIGNIFICANT; MINOR PITTING < 1/32" ON PIPE. UT: NO RECORDABLE, GEOMETRY & OTHER; ROOT, COUNTERBORE, WELD CROWN, MODE CONVERSION, & SLAG INCLUSION. > 90% COVERAGE - ACCEPTABLE.

D10. FEEDWATER TURBINE BUILDING

DRAWINGS: HE-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200320	HE-CB	----	M2 ELBOW-TO-PIPE	AUG	VT-1 UT MT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS. UT: NO RECORDABLE, GEOMETRY & OTHER; CROWN & ROOT GEOMETRY, COUNTERBORE & MODE CONVERSION - COUNTERBORE, > 90% COVERAGE ACHIEVED - ACCEPTABLE.

D11. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200455	HE-CB	----	Z3 PIPE-TO-ELBOW	AUG	VT-1 RT MT

95 -VT-1, MT & RT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

HIGH ENERGY COMPONENTS (CONT.):

D11. FEEDWATER LOOP A OUTSIDE CV (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200460	HE-CB	----	Z4 ELBOW-TO-PIPE	AUG	VT-1 UT MT

95 -VT-1 & MT: NO RECORDABLE INDICATIONS. UT: NO RECORDABLE
& GEOMETRY: ROOT, COUNTERBORE, ROUGH ROOT, SPOT INDICATION
AT WELD CROWN, > 90% COVERAGE - ACCEPTABLE.

D12. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200575	HE-CB	----	O1 ELBOW-TO-PIPE	AUG	VT-1 RT MT

95 -VT-1, MT & RT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

200580	HE-CB	----	P PIPE-TO-ELBOW	AUG	VT-1 RT MT
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95 -MT: NO RECORDABLE INDICATIONS. VT-1: NO RECORDABLE &
INSIGNIFICANT; MINOR CORROSION. RT: NO RECORDABLE &
INSIGNIFICANT; POROSITY & SLAG, NO APPARENT CHANGE SINCE
LAST EXAMINATION - ACCEPTABLE.



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ATTACHMENT I

HIGH ENERGY COMPONENTS (CONT.):

D13. MAIN STEAM TURBINE BUILDING

DRAWINGS: HE-7A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201420	HE-CS	*F1.20V	MS-45 (S21) VARIABLE SPRING	OE	VT-3

95 -VT-3: TEMP. 68 DEG. F., SETTING 1/2" = 4825 #'S; NO RECORDABLE INDICATIONS - ACCEPTABLE. BASELINE, REMOVED FOR ACCESS OF HE WELD C1.

201440	HE-CS	*F1.20V	MS-46 (S22) VARIABLE SPRING (IA)	OE	VT-3
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95 -VT-3: TEMP. 71 DEG. F., SETTING 1/2", VS-2 SIZE 17, NO RECORDABLE INDICATIONS - ACCEPTABLE. BASELINE, REMOVE FOR ACCESS OF HE WELD D.

201441	HE-IA	*C3.20	MS-46 (S22) (IA) INTEGRAL ATTACHMENT	OE	MT
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95 -MT: NO RECORDABLE INDICATIONS IN LIMITED EXAM. 7 1/2" OF WELD IN BETWEEN IA (BOTH SIDE) NOT ACCESSIBLE FOR MT. VISUAL PERFORMED. APPROX. 90% INSPECTED - ACCEPTABLE.

D14. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201860	HE-CS	*F1.20S	FWU-38 MECHANICAL SNUBBER	OE	VT-3

95 -VT-3: BASELINE EXAM AFTER RE-INSTALLATION. TEMP. 68 DEG. F., SETTING 3 1/2". NO RECORDABLE INDICATIONS - ACCEPTABLE.

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ATTACHMENT I

E. LEAKAGE TESTING:

E1. LEAKAGE EXAMINATIONS CLASS 1,2,3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
411000	B-P	IWB5221	PT-7 LEAKAGE TEST OF REACTOR COOLANT SYSTEM	ASME	VT-2

95 -VT-2: TEST SATISFACTORY, DEFICIENCIES CORRECTED DURING TEST, SEE EXAM SHEET FOR DETAILS - ACCEPTABLE.

411400	HE-LK	-----	MS HIGH ENERGY	AUG	VT-2
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95 -VT-2: NO RECORDABLE INDICATIONS, ACCEPTABLE.

411600	C-H	IWC5221	FW OUTSIDE CONTAINMENT	ASME	VT-2
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95 -VT-2: NO RECORDABLE INDICATIONS -TEST ACCEPTABLE.

411700	D-B	IWD5221	AUX FW "A" PUMP	ASME	VT-2
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95 -VT-2: NO RECORDABLE INDICATIONS, ACCEPTABLE.

412100	D-B	IWD5221	STANDBY AUXILIARY FEEDWATER PUMP "D"	ASME	VT-2
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95 -VT-2; NO RECORDABLE & INSIGNIFICANT: PACKING LEAK ON V9708B & V9704B. GASKET LEAK BETWEEN V9714B & V9715B. COMPLETE TEST PERFORMED IN 2 PARTS - TEST SATISFACTORY.

412500	C-H	IWC5221	SAFETY INJECTION "A" PUMP IN/OUT CONTAINMENT	ASME	VT-2
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95 -VT-2: NO RECORDABLE & OTHER; BORIC ACID RESIDUE ON VALVES 828A, 828B & 12400. PACKING/STEM DRY. FLANGE AT FE-294 AT INTERFACE, RANDOM 360 DEGREES - TO BE DECONNED & CHECKED ON PT-8.8. TEST SATISFACTORY.

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ATTACHMENT I

LEAKAGE TESTING (CONT.):

E1. LEAKAGE EXAMINATIONS CLASS 1,2,3 (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
413000	C-H	IWC5221	CONTAINMENT SPRAY A PUMP DISCHARGE	ASME	VT-2

95 -VT-2: NO RECORDABLE & INSIGNIFICANT; DRIED BORIC ACID ON V831A, V857B, V857C, V893A & V893B. PACKING LEAK & DRY BORIC ACID RESIDUE ON V862A. BODY TO BONNET HAS BORIC ACID RESIDUE AT BOTTOM OF JOINT. ACCEPTABLE.

413100	C-H	IWC5221	CONTAINMENT SPRAY B PUMP DISCHARGE	ASME	VT-2
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95 -VT-2: NO RECORDABLE & INSIGNIFICANT; PACKING LEAK & BORIC ACID RESIDUE ON V860C & V869A. SWAGE-LOK TEE UPSTREAM OF LT-921 HAS BORIC ACID RESIDUE. ACCEPTABLE.

413150	C-H	IWC5221	SPRAY ADDITIVE NOAH TANK	ASME	VT-2
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95 -VT-2: NO RECORDABLE INDICATIONS, ACCEPTABLE.

413600	D-B	IWD5221	AUX COOLING INSIDE CONTAINMENT	ASME	VT-2
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95 -VT-2: NO RECORDABLE & INSIGNIFICANT; V754B HAS PACKING DRY RESIDUE. ACCEPTABLE.

413700	D-B	IWD5221	AUX COOLING OUTSIDE CONTAINMENT	ASME	VT-2
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95 -VT-2: TEST SATISFACTORY, SEE EXAM SHEET FOR DETAILS.
NOTE: WASTE EVAPORATOR ISOLATED, NOT BEING USED. -
ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
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3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

LEAKAGE TESTING (CONT.):

E1. LEAKAGE EXAMINATIONS CLASS 1,2,3 (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
414000	D-A	IWD5221	SERVICE WATER OUTSIDE CONTAINMENT	ASME	VT-2

95 -VT-2: NO RECORDABLE & INSIGNIFICANT; "A" LOOP BURIED PIPE EXAMINED USING ID PIPE CRAWLER. ID GOOD CONDITION-NO LEAK PATHS OBSERVED. REMOVED RUST ON PACKING GLAND ON V4627. A & D SW PUMP BOUNDARIES PERFORMED -ACCEPT. PARTIAL EXAM.

414100	D-A	IWD5221	SERVICE WATER TO AUX FW PUMP "A"	ASME	VT-2
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95 -VT-2: NO RECORDABLE INDICATIONS. ACCEPTABLE.

414600	C-H	IWC5221	CHARGING & SEAL WATER FROM PUMPS (IN/OUT CV)	ASME	VT-2
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95 -VT-2: NO RECORDABLE & INSIGNIFICANT; PERFORMED DURING PT7. PACKING GLAND-BORON RESIDUE V281A, V287, V277A, V291 & V288. BODY-BORON RESIDUE PIC-183 & BODY TO BONNET ON V357. PACKING LEAK ON V392B, FIXED DURING TEST. ALL DECONNED-WILL BE RECHECKED.

415500	D-B	IWD5221	SPENT FUEL POOL COOLING-A	ASME	VT-2
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95 -VT-2: NO RECORDABLE & INSIGNIFICANT; CHECK VALVE V8655 HAS BODY TO BONNET LEAK WITH BORIC ACID RESIDUE. VT-3 ON BOLTING WHEN VALVE ID OPENED, WORK REQUEST WRITTEN. ACCEPTABLE.

415550	D-B	IWD5221	SPENT FUEL POOL COOLING-B	ASME	VT-2
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95 -VT-2: NO RECORDABLE & INSIGNIFICANT; FULL EXAMINATION BOUNDARY HAS BEEN COMPLETED, TEST SATISFACTORY. SEE EXAMINATION RECORD FOR DETAILS.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

F. SNUBBER PROGRAM COMPONENTS:

F1. STEAM GENERATOR B

DRAWINGS: A-7F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600120	SN-VT	----	SGB-3 HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS, TEMP. 67 DEG. F.,
SETTING 39 3/8", S/N AH-2 - ACCEPTABLE.

600121	SN-FT	----	SGB-3 HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO#
19404251.

F2. AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1E

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600240	SN-VT	----	AFU-34 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 70 DEG. F., SETTING 2 7/8", S/N 14448. NO
RECORDABLE INDICATIONS - ACCEPTABLE.

600241	SN-FT	----	AFU-34 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE.
SNUBBER DEGRADED AND REPLACED. WO# 19404236.

600280	SN-VT	----	AFU-75 MECHANICAL SNUBBER	AUG	VT-3
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95 -VT-3: TEMP. 73 DEG. F., SETTING 2 1/8", S/N 20924. NO
RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F2. AUX. FW PUMPS DISCH - INTERMED. BLDG. (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600281	SN-FT	----	AFU-75 MECHANICAL SNUBBER	AUG	FT

95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO# 19404237.

600400	SN-VT	----	AFU-123 MECHANICAL SNUBBER	AUG	VT-3
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95 -VT-3: TEMP. 73 DEG. F., SETTING 2", S/N 22485. NO RECORDABLE & INSIGNIFICANT; SNUBBER HAS MOVEMENT IN BOTH DIRECTIONS - ACCEPTABLE.

600401	SN-FT	----	AFU-123 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. SNUBBER DEGRADED AND REPLACED WO# 19404238.

F3. STEAM GENERATOR B BLOWDOWN LINE

DRAWINGS: B-31

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600460	SN-VT	----	BDU-16 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM AFTER REINSTALLATION DUE TO BLOWDOWN REPLACEMENT. TEMP. 68 DEG. F., SETTING 2 7/8", S/N 10182. SNUBBER INSTALLED 180 DEGREES FROM DRAWING, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600461	SN-FT	----	BDU-16 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO# 19404239.



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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F4. 2" CVCS RELIEF LINE TO PRT

DRAWINGS: B-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600940	SN-VT	----	CVU-80 MECHANICAL SNUBBER	AUG	VT-3.

95 -VT-3: TEMP. 74 DEG. F., SETTING 1 1/2", S/N 23518, NO
RECORDABLE INDICATIONS - ACCEPTABLE.

600941	SN-FT	----	CVU-80 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE.
REPLACED SNUBBER - DEGRADED, WO# 19404240.

F5. CVCS LETDOWN LINE TO MIX BED DEMIN

DRAWINGS: B-36

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601080	SN-VT	----	CVU-372 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: TEMP., 69 DEG. F., SETTING 3/4", S/N 9478. NO
RECORDABLE INDICATIONS - ACCEPTABLE.

601081	SN-FT	----	CVU-372 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE.
SNUBBER DEGRADED AND REPLACED, WO# 19404241.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F6. FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601110	SN-VT	----	FWU-5 HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 69 DEG. F., SETTING 1/2" EXT 3", S/N 2500-10-152. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601111	SN-FT	----	FWU-5 HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO# 19404249.

F7. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601270	SN-VT	----	FWU-44 HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM AFTER REINSTALLATION. TEMP. 72 DEG. F., S/N G43864-02-20, SETTING 3 15/16". SPECIFICATION STATES 3". NCR95-045 GENERATED, NOT SERVICE INDUCED. DISPOSITIONED USE-AS-IS PER ENGINEERING. NO RECORDABLE, OTHER & REJECT -ACCEPTABLE.

601271	SN-FT	----	FWU-44 HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO# 19404250.



R. E. GINNA NUCLEAR POWER PLANT

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3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F8. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601390	SN-VT	----	MSU-12 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 59 DEG. F., SETTING 3 1/4", S/N 9400. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601391	SN-FT	----	MSU-12 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO# 19404244.

601429	SN-VT	----	MSU-18 (NORTH) MECHANICAL SNUBBER	AUG	VT-3
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95 -VT-3: TEMP. 59 DEG. F., SETTING 2 1/4", S/N 7478. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601430	SN-VT	----	MSU-18 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3
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95 -VT-3: TEMP. 59 DEG. F., SETTING 2 1/4", S/N 7197. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601431	SN-FT	----	MSU-18 (NORTH) MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. WO# 19404246.

601432	SN-FT	----	MSU-18 (SOUTH) MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER FAILED. SNUBBER REPLACED WO 19404245. REQUIRED TO TEST MSU-19 NORTH PER NCR95-017, WO 19501218. FUNCTIONAL TEST OF SNUBBER - RETEST IN 1996.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F8. MAIN STEAM LOOP B OUTSIDE CV (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601439	SN-VT	----	MSU-19 (NORTH) MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: BASELINE FOR REINSTALLATION, FT EXPANDED TEST TO RESOLVE NCR95-017 (MSU-18). TEMP. 55 DEG. F., SETTING 3", S/N 9369. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601441	SN-FT	----	MSU-19 (NORTH) MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY FAILURE OF MSU-18 SOUTH - ACCEPTABLE. WO 19501218 & NCR95-017. EXPANDED EXAM.

F9. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601550	SN-VT	----	MSU-44 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 76 DEG. F., SETTING 3 1/2", S/N 1468, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601551	SN-FT	----	MSU-44 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE.
WO#19404243.

R. E. GINNA NUCLEAR POWER PLANT

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3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F10. MAIN STEAM LOOP B ATMOSPHERIC VENT

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601570	SN-VT	----	MSU-57 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 74 DEG. F., SETTING 3 1/4", S/N 27182. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601571	SN-FT	----	MSU-57 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; TEST FAILED, SNUBBER REPLACED UNDER WO# 19404247. REQUIRED TO TEST MSU-60 PER NCR95-039, WO#19501414. FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE. RETEST IN 1996.

F11. MAIN STEAM LOOP A ATMOSPHERIC VENT

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601590	SN-VT	----	MSU-60 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM DUE TO FT TESTING EXPANSION., TEMP. 72 DEG. F., SETTING 3 5/8", PSA-3, 5" STROKE. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601591	SN-FT	----	MSU-60 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY FAILURE OF MSU-57, EXPANDED EXAM. WO 19501414 & NCR95-039. - ACCEPTABLE.

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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F12. MAIN STEAM LOOP A TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601630	SN-VT	----	MSU-78 MECHANICAL SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 76 DEG. F., SETTING 3 1/8", S/N 8576,
PSA-10, 6" STROKE. NO RECORDABLE INDICATIONS - ACCEPTABLE.

601631	SN-FT	----	MSU-78 MECHANICAL SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER - ACCEPTABLE.
WO#19404242.

F13. STANDBY AUX FW THRU PEN 123 TO B S/G FWHD INCV

DRAWINGS: C-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601940	SN-VT	----	AFU-208 (AFW-13) HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: TEMP. 63 DEG. F., SETTING 2", S/N 12907. NO
RECORDABLE INDICATIONS - ACCEPTABLE.

601941	SN-FT	----	AFU-208 (AFW-13) HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER FAILED, REPLACED
SNUBBER WO# 19404248. NCR95-044 REQUIRED EXPANSION TO
AFU-229, N-616 & PS-6. RETEST IN '96 - ACCEPTABLE.

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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F14. STANDBY AUX FW THRU PEN 119 TO A S/G FWHD INCV

DRAWINGS: C-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601970	SN-VT	----	AFU-224 (AFW-28) HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM DUE TO FT TESTING EXPANSION. TEMP.
68 DEG. F., SETTING 2 1/2", FLUID LEVEL 75%, S/N 12905. NO
RECORDABLE INDICATIONS - ACCEPTABLE.

601971	SN-FT	----	AFU-224 (AFW-28) HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY
FAILURE OF AFU-229 -EXPANDED EXAM FAILED. WO# 19501481 &
NCR95-047. REPLACED SNUBBER. REQUIRED TO TEST AFU-226 PER
NCR95-049 & WO# 19501483. RETEST IN 1996.

601980	SN-VT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	VT-3
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95 -VT-3: BASELINE EXAM DUE TO FT TESTING EXPANSION. TEMP.
67 DEG. F., SETTING 3 1/2", S/N 12401. NO RECORDABLE
INDICATIONS - ACCEPTABLE.

601981	SN-FT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY
FAILURE OF AFU-224. EXPANDED EXAM - ACCEPTABLE. WO# 19501483
& NCR95-049.



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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F15. PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD

DRAWINGS: S-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602080	SN-VT	----	N616 HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM DUE TO FT TESTING EXPANSION (NCR94-034). TEMP. 58 DEG. F., SETTING 2 5/8", FLUID LEVEL 75%, NO RECORDABLE & OTHER; COTTER PIN ON HEAD -OK, PHR-12 SUPPORT IS WELDED TO THE WALL PLATE OF N616-NO BOLTS - ACCEPTABLE.

602081	SN-FT	----	N616 HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY FAILURE OF AFU-208, EXPANDED EXAM - ACCEPTABLE. WO# 19501446 & NCR95-044.

F16. 3-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602120	SN-VT	----	PS-6 HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM DUE TO FT TESTING EXPANSION. TEMP. 69 DEG. F., SETTING 3 5/8", S/N PD87767-1239. NEW COTTER PIN INSTALLED. NO RECORDABLE INDICATIONS - ACCEPTABLE.

602121	SN-FT	----	PS-6 HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY FAILURE OF AFU-208, EXPANDED EXAM - ACCEPTABLE. WO# 19501447 & NCR95-044.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

F17. STANDBY AUX FW THRU PEN 119 TO A S/G FWHD IN

DRAWINGS: C-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602500	SN-VT	----	AFU-229 HYDRAULIC SNUBBER	AUG	VT-3

95 -VT-3: BASELINE EXAM DUE TO FT TESTING EXPANSION. TEMP.
69 DEG. F., SETTING 2 1/4", FLUID LEVEL 50%, S/N 21009. NO
RECORDABLE INDICATIONS - ACCEPTABLE.

602501	SN-FT	----	AFU-229 HYDRAULIC SNUBBER	AUG	FT
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95 -FT: OTHER; FUNCTIONAL TEST OF SNUBBER REQUIRED BY
FAILURE OF AFU-208, EXPANDED EXAM FAILED. WO# 19501445 &
NCR95-044. REPLACED SNUBBER, REQUIRED TO TEST AFU-224 PER
NCR95-047 & WO# 19501481. RETEST IN '96.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT I

G. SEISMIC SUPPORTS:

G1. RCP SEAL WATER RETURN - RELIEF TO PRT

DRAWINGS: SS-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700110	SS-CS	*F1.20R	CVU-125 GUIDE & IA	AUG	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

G2. RC PRESSURE RELIEF MANIFOLD TO PRT

DRAWINGS: SS-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700140	SS-CS	*F1.20R	CVU-130 RIGID HANGER & IA	AUG	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.

G3. MAINSTEAM

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700490	SS-CS	*F1.20R	MSU-53 RIGID SUPPORT & IA	OE	VT-3

95 -VT-3: NO RECORDABLE & INSIGNIFICANT; LOOSE PARTS, HOLD DOWN BOLTS SOUTHEAST & SOUTHWEST ARE LOOSE, ACCEPTABLE PER NCR 94-059. NOT SERVICE INDUCED.

700510	SS-CS	*F1.20R	MSU-47 RIGID SUPPORT & IA	OE	VT-3
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95 -VT-3: NO RECORDABLE & INSIGNIFICANT; JACKING BOLTS LOOSE, LIGHT RUST. LOOSE BOLTS ACCEPTABLE PER NCR 94-062, NOT SERVICE INDUCED - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
2. Plant R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario, NY 14519
3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

SEISMIC SUPPORTS (Cont.):

G3. MAINSTEAM (Cont.)

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700520	SS-CS	*F1.20R	MSU-48 RIGID SUPPORT & IA	OE	VT-3

95 -VT-3: NO RECORDABLE & INSIGNIFICANT; LOOSE JACK BOLT,
LIGHT RUST. ACCEPTABLE PER NCR 94-063. NOT SERVICE INDUCED -
ACCEPTABLE.

G4. RESIDUAL HEAT REMOVAL

DRAWINGS: B-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700580	SS-CS	*F1.20R	RHU-87 RIGID SUPPORT & IA	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG:
CORROSION, LIGHT RUST ON BASE PLATE - ACCEPTABLE.

700590	SS-CS	*F1.20R	RHU-90 RIGID SUPPORT & IA	OE	VT-3
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95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. INSIG:
CORROSION, RUST & CHIPPED PAINT ON BASE PLATE - ACCEPTABLE.

G5. S.W. TO AC WATER CHILLERS

DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700740	SS-CS	*F1.20V	SWU-364 VARIABLE SPRING & IA	OE	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE. TEMP. 55
DEG. F., SETTING = 1.05 = 1456 #'S, N-EG-13312-82-308 TYPE
B, SIZE 10. NOTE: PLATE #3 TO BEAM (W8X35) WELD IS WELDED
ALL AROUND.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990-1999 Interval, Second Period, Third Outage (1995)

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ATTACHMENT I

SEISMIC SUPPORTS (Cont.):

G6. STANDBY AUX FEEDWATER

DRAWINGS: C-28A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700790	SS-CS	*F1.20R	SWU-525 U-BOLT	AUG	VT-3

95 -VT-3: NO RECORDABLE INDICATIONS - ACCEPTABLE.



R. E. GINNA NUCLEAR POWER PLANT

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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

H. STEAM GENERATOR EDDY CURRENT EXAMINATIONS:

H1. STEAM GENERATOR A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
800000	B-Q	B16.20	OPEN GENERATOR TUBES PREV. IDENT. DEGRAD. > 20 %	ASME	ET ET

95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.

800150	B-Q	B16.20	OPEN GENERATOR TUBES 20% ROTATING RANDOM SAMPLE	ASME	ET ET
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95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.

800200	SG-ET	----	OPEN GENERATOR TUBES 100% OF ALL UNSLEEVED TUBES	OE	ET ET
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95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.

800350	B-Q	B16.20	SLEEVED GENERATOR TUBES 20% ROT. RAN. SAM. EACH TYPE SLEEVE	ASME	ET ET ET ET
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95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.

800360	----	----	WEAR IND. COLD LEG-2ND/3RD SP R1C10-R1C12, R2C10 & R2C12, R3C10-R3C12	OE	ET
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95 -ET: ALL TUBES INSPECTED DURING 1994. TUBES R1C10 & R1C12
TUBES INSPECTED 1995. NO DETECTABLE DEFECTS IDENTIFIED -
ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1995)

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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

ATTACHMENT I

STEAM GENERATOR EDDY CURRENT EXAMINATIONS (CONT.):

H2. STEAM GENERATOR B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
801000	B-Q	B16.20	OPEN GENERATOR TUBES PREV. IDENT. DEGRAD. > 20%	ASME	ET ET
95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.					
801150	B-Q	B16.20	OPEN GENERATOR TUBES 20% ROTATING RANDOM SAMPLE	ASME	ET ET
95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.					
801200	SG-ET	----	OPEN GENERATOR TUBES 100% OF ALL UNSLEEVED 100% OF ALL UNSLEEVED	OE	ET ET
95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.					
801350	B-Q	B16.20	SLEEVED GENERATOR TUBES 20% ROT. RAN. SAM. EACH TYPE SLEEVE	ASME	ET ET ET ET

95 -ET: SEE 1995 EDDY CURRENT REPORT FOR DETAILS.

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Rochester Gas & Electric Corp. Date 24 July 1995
89 East Ave., Rochester, NY 14649 Sheet 1 of 24
 2. Plant R.E. Ginna Nuclear Power Plant Unit 1
1503 Lake Road, Ontario, NY 14519 (*)
 Address Repair Organization P.O. No., Job No., etc.
 3. Work Performed by (*) Name Type Code Symbol Stamp N/A
 Authorization No. N/A
 (*) Expiration Date N/A
 Address

4. Identification of System (*)
 5. (a) Applicable Construction Code (*) 19 (*) Edition, (*) Addenda, (*) Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
 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 Build	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

7. Description of Work (*)
 8. Tests Conducted: (*) Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(*) See "ATTACHMENT II" FOR APPLICABLE INFORMATION

(12/82) This Form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N. Y. 10017

FORM NIS-2 (Back)

9. Remarks

(*)

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this (**) conforms to the rules of the ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed F.A. Klepacki F.A. Klepacki, ISI Engineer Date 24 July, 19 95
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 or Province of New York and employed by HSBI & I Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 4/19/94 to 5/4/95, 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 inspection plan and as required by 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.

Russell B. Miller
Inspector's Signature

Commissions N42498
National Board, State, Province, and Endorsements

Date 7/24, 19 95

(*) See "ATTACHMENT II" FOR APPLICABLE INFORMATION

(**) Repair, Replacement or Modification as identified within "ATTACHMENT II"



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Third Outage (1995)

1. Owner: Rochester Gas & Electric Corp. 89E. Ave., Rochester, N.Y. 14649
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repairs, Replacements or Modifications: 1986, No Addenda

ATTACHMENT II

REPAIR, REPLACEMENT and MODIFICATION PROGRAM

The Repair, Replacement and Modification (RR&M) Program, as identified within the "Appendix B" Program of the Ginna Station Quality Assurance Manual, identifies component jurisdiction and associated requirements. Applicable Repair, Replacement or Modification activities have been performed in accordance with ASME Section XI Code, 1986 edition, no addenda.

When an item under the rules and requirements of the "Appendix B" Program is found deficient, an Engineering "use-as-is" evaluation may result. This determination is indicated within the ISI Program Summary, "Attachment I", for the applicable component within this report. If the deficiency results in a Code Repair, Replacement or Modification; the deficiency will be classified as one of three category types. These category types shall consist of a "Code Service Induced Rejectable Indication", a "Code Rejectable Indication" and a "Corrective Action Activity".

A "Code Service Induced Rejectable Indication" occurs when a component under the RR&M Program contains an indication that is beyond ASME Section XI Code acceptable standards and was determined to be "Service Induced". "Service Induced" indications, stemming from Inservice Inspection Examinations (ISI), shall require additional expanded examinations. The associated expanded examinations shall be performed in accordance to the requirements of the ASME Section XI Code.

A "Code Rejectable Indication" occurs when a component under the RR&M Program contains an indication that is beyond ASME Section XI Code acceptable standards and was determined to be not "Service Induced". This category includes but is not limited to items such as welding discontinuities from a modification identified during ISI preservice examinations or component damage caused by human involvement.



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990 - 1999 Interval, Second Period, Third Outage (1995)

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ATTACHMENT II

A "Corrective Action Activity" may occur when a component under the RR&M Program requires corrective action. This corrective action may be a result from a maintenance operation that identifies a need to perform a Code Repair, Replacement or Modification. This category includes but is not limited to items such as machining a component to correct an identified problem or the removal and later reapplication of hardface material on pressure boundary surfaces.

The following groups have performed applicable Repair, Replacement and Modification activities during the 1993 Outage. Each group has been identified by a number and will correspond to the groups' name and address. Rochester Gas and Electric, Ginna Station departments will not be identified as like contractors but by generic name. In the below listing of Repairs, Replacements or Modifications; the work group will be identified by a number within the component discussion.

1. Rochester Gas & Electric, Ginna Station
2. Ginna Station Projects Department
Nuclear Power Services
Philadelphia, Pa.
3. ITI Movats
2825 Cobb International Blvd.
Kennensaw, Ga. 30144-5512
4. ABB - Combustion Engineering, Inc.,
1000 Prospect Hill Road
P.O. Box 500 Windsor, Connecticut 06095-0500
5. Babcock & Wilcox
Lynchburg, Virginia

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990 - 1999 Interval, Second Period, Third Outage (1995)

1. Owner: Rochester Gas & Electric Corp. 89E. Ave., Rochester, N.Y. 14649
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3. Applicable Edition of Section XI Utilized for Repairs, Replacements or Modifications: 1986, No Addenda

ATTACHMENT II

The following information will report applicable Repairs, Replacements or Modifications performed at R. E. Ginna Nuclear Power Plant during this reporting period as required by ASME Section XI Code.

1. ASME Class: 3 System: SW GORR No.: 95-E-001
Line: 14G-SWO-125-1 Category: Corrective Action Activity
Construction Code: ASME Section III '86; B31.1 '73; B16.34
Work Performed By: 1
Name of Component: V4620, Swivel Nut
Work Description/Remarks: An "Approved Equivalent" Replacement was initiated for the Swivel Nut associated with V4620 and to reattach the disc to the stem. This activity was controlled by WO # 19402994 & NCR 94-106. Construction Code VT examination was performed and acceptable. Upon activity conclusion, a VT-2 Leakage Examination was performed & acceptable.

2. ASME Class: 3 System: SW GORR No.: 95-E-002
Line: 14C-SWO-125-1 Category: Corrective Action Activity
Construction Code: ASME Section III '86; B31.1 '73; B16.34
Work Performed By: 2
Name of Component: V4603
Relief Request: # 25
Work Description/Remarks: A Modification activity was initiated to replace V4603 with a Nozzle Check Valve and a Flange with extended length. This activity was controlled by EWR 5284B and SM 5284B.2. Construction Code RT NDE was performed and acceptable in accordance with the specified Relief Request. A VT-2 Leakage Examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990 - 1999 Interval, Second Period, Third Outage (1995)

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2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repairs, Replacements or Modifications: 1986, No Addenda

ATTACHMENT II

3. ASME Class: 2 System: MS GORR No.: 95-E-003
Line: 30B-MS-600-1B Category: Corrective Action Activity
Construction Code: ASME Section III '74/'86
Work Performed By: 1
Name of Component: MSU-18 (South) Mechanical Snubber
Work Description/Remarks: A Like-for-Like Replacement
activity was initiated for the Mechanical Snubber associated with Component Support MSU-18 (South). This activity was controlled by WO # 19404245 and NCR 95-017. Upon reinstallation, a Visual Baseline examination was performed and acceptable.
4. ASME Class: 2 System: SAFW GORR No.: 95-E-005
Line: 3C-FW-902S-1B Category: Corrective Action Activity
Construction Code: ASME Section III '74/'86
Work Performed By: 1
Name of Component: AFU-208 Hydraulic Snubber
Work Description/Remarks: A Like-for-Like Replacement
activity was initiated for the Hydraulic Snubber associated with Component Support AFU-208. This activity was controlled by WO # 19404248 and NCR 95-044. Upon reinstallation, a Visual Baseline examination was performed and acceptable.
5. ASME Class: 2 System: MS GORR No.: 95-E-006
Line: 6B-MS-600-1B Category: Corrective Action Activity
Construction Code: ASME Section III '74/'86
Work Performed By: 1
Name of Component: MSU-57 Mechanical Snubber
Work Description/Remarks: A Like-for-Like Replacement
activity was initiated for the Mechanical Snubber associated with Component Support MSU-57. This activity was controlled by WO # 19404247 and NCR 95-039. Upon reinstallation, a Visual Baseline examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990 - 1999 Interval, Second Period, Third Outage (1995)

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3. Applicable Edition of Section XI Utilized for Repairs, Replacements or Modifications: 1986, No Addenda

ATTACHMENT II

6. ASME Class: 2 System: SAFW GORR No.: 95-E-007
Line: 3C-FW-902S-1A Category: Corrective Action Activity
Construction Code: ASME Section III '74/'86
Work Performed By: 1
Name of Component: AFU-229 Hydraulic Snubber
Work Description/Remarks: A Like-for-Like Replacement activity was initiated for the Hydraulic Snubber associated with Component Support AFU-229. This activity was controlled by WO # 19501481 and NCR 95-047. Upon reinstallation, a Visual Baseline examination was performed and acceptable.

7. ASME Class: 3 System: SW GORR No.: 95-E-009
Line: 14D-SWO-125-1 Category: Corrective Action Activity
Construction Code: ASME Section III '86; B31.1 '73; B16.34
Work Performed By: 1
Name of Component: V4604
Relief Request: # 25
Work Description/Remarks: A Modification activity was initiated to replace V4604 with a Nozzle Check Valve and a Flange with extended length. This activity was controlled by EWR 5284B and SM 5284B.3. ASME Section III Construction Code RT NDE was performed and acceptable in accordance with the specified Relief Request. A VT-2 Leakage Examination was performed and acceptable. (See GORR 95-T-024).

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
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ATTACHMENT II

8. ASME Class: 1 System: RCS-S/G GORR No.: 95-E-010
Line: N/A Category: Corrective Action Activity
Construction Code: ASME Section III '86
Work Performed By: 5
Name of Component: Steam Generator "A & B" (EMS01A, EMS01B)
Tubes, Explosive Sleeves/Plugs.
Work Description/Remarks: During the Eddy Current Examination of Steam Generator "A & B", tubes containing defects were identified and determined to be candidates for B&W bimetallic explosive sleeves or plugs. A total of 75 B&W explosive sleeves and 3 B&W explosive plugs was installed in the "A" Steam Generator. A total of 91 B&W explosive sleeves and 8 B&W explosive plugs was installed in the "B" Steam Generator. The location of these defective tubes are identified within the Eddy Current "1995 Final Examination Report for Steam Generators". This activity was controlled by Ginna Station Maintenance Procedures M43.16 & M43.43.3, and B&W document 51-1212535-01. Upon completion of the installation activity, Eddy Current examinations were performed and acceptable on the sleeves. No Eddy Current examination was performed on the Plugs. Eddy Current Sleeve Examinations are also utilized to verify proper weld location and provides comparison to ensure weld soundness.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
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ATTACHMENT II

9. ASME Class: 1 System: RCS-S/G GORR No.: 95-E-011
Line: N/A Category: Corrective Action Activity
Construction Code: ASME Section III '86
Work Performed By: 4
Name of Component: Steam Generator "B" (EMS01B) Tubes, Welded Plugs.
Work Description/Remarks: During the Eddy Current Examination of Steam Generator "B", a total of 10 tubes containing defects were identified and determined to be candidates for CE welded plugs. A total of ten (10) welded CE Plugs were installed in the "B" Steam Generator. The location of these defective tubes are identified within the Eddy Current "1995 Final Examination Report for Steam Generators". This activity was controlled by Ginna Station Maintenance Procedure M43.55 and CE Report CEN-320-P. Upon completion of the installation activity, VT Examinations were performed and acceptable.
10. ASME Class: 3 System: MS GORR No.: 95-T-001
Line: 30A-MS-600-1A Category: Corrective Action Activity
Construction Code: B31.1 '73/'86; B16.34
Work Performed By: 1
Name of Component: V3519, Studs & Nuts
Work Description/Remarks: A Like-for-Like Replacement activity was initiated to install new Studs & Nuts associated with V3519. This activity was controlled by WO #'s 19401812, 19402976 and NCR 94-103. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT II

11. ASME Class: 2 System: CVCS-Letdown GORR No.: 95-T-003
Line: 2E-CH-601/3-601 Category: Corrective Action Activity
Construction Code: VIII '65; W 676257; B31.1 '55.
Work Performed By: 1
Name of Component: V203
Work Description/Remarks: A Like-for-Like Replacement activity was initiated to install a rebuilt spare Relief Valve associated with V203. This activity was controlled by WO #'s 19402556, 19401923, 19401901 & 19401833. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.
12. ASME Class: 3 System: MS GORR No.: 95-T-004
Line: 30B-MS-600-1 Category: Corrective Action Activity
Construction Code: B31.1 '86; B16.34; SP-5291
Work Performed By: 1
Name of Component: V3518 Studs & Nuts
Work Description/Remarks: A Like-for-Like Replacement activity was initiated to install new Studs & Nuts associated with V3518. This activity was controlled by WO # 19402162. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.
13. ASME Class: 3 System: SW GORR No.: 95-T-005
Line: N/A Category: Corrective Action Activity
Construction Code: Gilbert Specs RO-2204; SP-5291
Work Performed By: 1
Name of Component: PSW01C (SW Pump C)
Work Description/Remarks: Service Water Pump C Bowl Assembly with Shaft was replaced with a previously rebuilt items. Also; some bolting was replaced with approved equivalent bolts. This activity was controlled by WO #'s 19402122, 19321060 and TSEE 91-546. Upon reinstallation, an ASME Section XI IWA 5244 Flow Test was performed and acceptable under PT 2.7.1 .

R. E. GINNA NUCLEAR POWER PLANT

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3. Applicable Edition of Section XI Utilized for Repairs, Replacements or Modifications: 1986, No Addenda

ATTACHMENT II

14. ASME Class: 3 System: SW GORR No.: 95-T-006
Line: N/A Category: Corrective Action Activity
Construction Code: Gilbert Specs RO-2204; SP-5291
Work Performed By: 1
Name of Component: PSW01A (SW Pump A)
Work Description/Remarks: Service Water Pump A Bowl Assembly, Discharge Case and Shaft was replaced with previously rebuilt items. This activity was controlled by WO #'s 19403555 and 19402161. Upon reassembly, an ASME Section XI IWA 5244 Flow Test was performed and acceptable under PT 2.7.1 .
15. ASME Class: 2 System: SI GORR No.: 95-T-007
Line: 1.5D-SI-1501/3/4" Category: Corrective Action Activity
Construction Code: ASME III 83W85/ '86.
Work Performed By: 1
Name of Component: V874E & Piping downstream V1820C.
Work Description/Remarks: A Like-for-Like replacement activity was initiated to install a new globe valve (V874E) with associated piping. This activity was controlled by NCR94-169 and WO # 19403601. Construction Code VT & PT examinations were performed and acceptable. An ASME Section XI hydrostatic test with accompanying VT-2 examination was performed under RSSP 15.6 and acceptable.
16. ASME Class: 2 System: SI GORR No.: 95-T-008
Line: 1.5D-SI-1501 Category: Corrective Action Activity
Construction Code: ASME III 83W85
Work Performed By: 1
Name of Component: V891C Hinge Pin.
Work Description/Remarks: A Like-for-Like replacement activity was initiated for the associated Hinge Pin of V891C. This activity was controlled by WO #'s 19403641 and 19403627. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990 - 1999 Interval, Second Period, Third Outage (1995)

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ATTACHMENT II

17. ASME Class: 2 System: Blowdown GORR No.: 95-T-009
Line: 2E-BD-600-1A Category: Corrective Action Activity
Construction Code: ASME III '74/86
Work Performed By: 1
Name of Component: BDU-21, Rigid Support
Work Description/Remarks: A replacement activity was initiated for BDU-21 rigid support that was inadvertently removed and required reinstallation. This activity was controlled by WO.# 19403648 and NCR94-102. Construction Code examinations were performed and acceptable. An ASME Section XI visual Baseline examination was performed and acceptable.
18. ASME Class: 3 System: CCW GORR No.: 95-T-010
Line: 10I-AC5-152 Category: Corrective Action Activity
10H-AC5-152
Construction Code: ASME III '86; B16.34
Work Performed By: 1
Name of Component: V780 A/B Flange Studs
Work Description/Remarks: A Like-for-Like replacement activity was initiated for Flange Studs associated with Valves 780 A & B. This activity was controlled by WO # 19402526. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.
19. ASME Class: 3 System: SW GORR No.: 95-T-011
Line: N/A Category: Corrective Action Activity
Construction Code: Gilbert Specs RO-2204; SP-5291
Work Performed By: 1
Name of Component: PSW01C (SW Pump C)
Work Description/Remarks: Service Water Pump C Bowl Assembly with Shaft was replaced with previously rebuilt items. This activity was controlled by WO #'s 19404042 and 19403611. Upon reassembly, an ASME Section XI IWA 5244 Flow Test was performed and acceptable under PT 2.7.1 .

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20. ASME Class: 3 System: SW GORR No.: 95-T-013
Line: N/A Category: Corrective Action Activity
Construction Code: Gilbert Specs RO-2204; SP-5291; II '86.
Work Performed By: 1
Name of Component: PSW01B (SW Pump B)
Work Description/Remarks: Service Water Pump B Bowl Assembly, Intermediate Shaft, Impeller Shaft, Suction Bell and associated Bolting was replaced with previously rebuilt or new items. This activity was controlled by WO #'s 19402721 and 19404138. Upon reassembly, an ASME Section XI IWA 5244 Flow Test was performed and acceptable under PT 2.7.1 .
21. ASME Class: 3 System: SW GORR No.: 95-T-014
Line: 14C-SW0-125-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '55; RO-2167
Work Performed By: 1
Name of Component: Expansion Joint SSW04, Supports SWU-629/633
Work Description/Remarks: A replacement activity was initiated for a new Expansion Joint, modify support SWU-633 and the replacement of miscellaneous items such as bolts, nuts ect. This activity was controlled by EWR 5284B, TSR93-520, NCR94-128, SM-5284B.2 & WO# 19404933. After installation, Construction Code VT examinations as well as Section XI baseline examinations were performed and acceptable. Also; ASME Section XI Leakage examination was performed and acceptable. (Note: see GORR 95-E-002)
22. ASME Class: 3 System: CCW GORR No.: 95-T-016
Line: 14C-AC5-152 Category: Corrective Action Activity
Construction Code: ASME III '74/'86
Work Performed By: 1
Name of Component: CCU-159 Rigid Restraint.
Work Description/Remarks: A replacement activity was initiated to install washers in CCU-159, Rigid Restraint Component Support, and also to torque Hilti Bolts. This activity was controlled by WO # 19404910 and NCR94-125. Upon installation, an ASME Section XI Baseline VT examination was performed and acceptable.



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23. ASME Class: 3 System: AFW GORR No.: 95-T-017
Line: 3D-FW7-900-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '73; B16.34
Work Performed By: 3
Name of Component: V4000A Stem & Disc.
Work Description/Remarks: A replacement activity was initiated to install a new Stem & Disc associated with Valve 4000A. This activity was controlled by WO #'s 19402916 and 19402936. Body to Bonnet weld area was prepped and a new Seal Weld was applied. Construction Code PT examination was performed and acceptable. Upon completing the reassembly, an ASME Section XI Leakage examination was performed and acceptable.
24. ASME Class: 3 System: SAFW GORR No.: 95-T-018
Line: 3C-FW8-902S Category: Corrective Action Activity
Construction Code: ASME III '74/'86
Work Performed By: 3
Name of Component: V9703B Stem & Disc.
Work Description/Remarks: A replacement activity was initiated to install a new Stem & Disc associated with Valve 9703B. This activity was controlled by WO # 19402953. Body to Bonnet weld area was prepped and a new Seal Weld was applied. Construction Code PT examination was performed and acceptable. Upon completing the reassembly, an ASME Section XI Leakage examination was performed and acceptable.
25. ASME Class: 3 System: SW GORR No.: 95-T-020
Line: 6E-SW0-125-1 Category: Corrective Action Activity
Construction Code: B31.1 '73; B16.34; ASME III '86.
Work Performed By: 1
Name of Component: V4622.
Relief Request: # 25
Work Description/Remarks: An Approved Equivalent replacement activity was initiated to install a spare valve from stock for V4622. This activity was controlled by NCR94-009, TE93-548 & WO # 19400868. Construction Code VT & PT (Root & Final Weld) examinations were performed and acceptable. An ASME Section XI Leakage examination was performed and acceptable.



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26. ASME Class: 1 System: Pressurizer GORR No.: 95-T-021
Line: 3A-RC8-2501 Category: Corrective Action Activity
Construction Code: ASME III '83/'85/'86.
Work Performed By: 3
Name of Component: V515.
Work Description/Remarks: An Approved Equivalent replacement activity was initiated to install a new valve. This activity was controlled by NCR94-068, EWR 3755 & WO # 19402868. Construction Code RT & PT examinations were performed and acceptable. ASME Section XI Baseline PT examination as well as a Hydrostatic Test with accompanying VT-2 examination was performed and acceptable.
27. ASME Class: 1 System: Pressurizer GORR No.: 95-T-022
Line: 3B-RC8-2501 Category: Corrective Action Activity
Construction Code: ASME III '83/'85/'86.
Work Performed By: 3
Name of Component: V516.
Work Description/Remarks: An Approved Equivalent replacement activity was initiated to install a new valve. This activity was controlled by NCR95-073 & WO # 19402865. Construction Code RT & PT examinations were performed and acceptable. ASME Section XI Baseline PT examination as well as a Hydrostatic Test with accompanying VT-2 examination was performed and acceptable.
28. ASME Class: 3 System: SW GORR No.: 95-T-023
Line: 14C-SW0-125-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '73
Work Performed By: 3
Name of Component: V4607
Work Description/Remarks: A Like-for-Like replacement activity was initiated for V4607 Bolting & Stem. Weld Repairs were also performed to the Valve Seats & Disc. This activity was controlled by WO # 19221485 & Movats DR 95-05/-06/-08/-14. Construction Code PT examinations for the Weld Repairs of the Seat & Disc were performed and acceptable. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.

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29. ASME Class: 3 System: SW GORR No.: 95-T-024
Line: 14D-SW0-125-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '55; RO-2167
Work Performed By: 1
Name of Component: Expansion Joint SSW05, Supports SWU-630/634
Work Description/Remarks: A replacement activity was initiated for a new Expansion Joint, modify supports SWU-630/6343 and the replacement of miscellaneous items such as bolts, nuts ect. This activity was controlled by EWR 5284B, TSR93-520, SM-5284B.3 & WO# 19500499. After installation, Construction Code VT examinations for the supports as well as Section XI baseline examinations were performed and acceptable. Also; ASME Section XI Leakage examination was performed and acceptable. (Note: see GORR 95-E-009)
30. ASME Class: 3 System: SW GORR No.: 95-T-026
Line: 14D-SW0-125-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '73; B16.34
Work Performed By: 3
Name of Component: V4608
Work Description/Remarks: A Like-for-Like replacement activity was initiated for V4608 Stem. Weld Repairs were also performed to the Valve Seats & Disc. This activity was controlled by WO # 19221483. Construction Code PT examinations for the Weld Repairs of the Seat & Disc were performed and acceptable. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.
31. ASME Class: 3 System: FW GORR No.: 95-T-027
Line: 4-FW-900-1 Category: Corrective Action Activity
Construction Code: B31.1 '73; B16.34; SP-5291; ASME III '86.
Work Performed By: 3
Name of Component: V4271
Work Description/Remarks: A Replacement activity was initiated to install a new Stem, Cage & Plunger associated with V4271. This activity was controlled by TSR90-126 & WO # 19402472. Upon reinstallation, an ASME Section XI Leakage examination was performed and acceptable.



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32. ASME Class: 3 System: SAFW GORR No.: 95-T-029
Line: 1.5B-FW8-902S Category: Corrective Action Activity
Construction Code: ASME III '74/'86
Work Performed By: 3
Name of Component: V9701B
Work Description/Remarks: A Replacement activity was initiated to install a new Stem Assembly associated with V9701B. This activity was controlled by WO # 19402948. Upon reinstallation, an ASME Section XI VT-2 examination was performed and acceptable.
33. ASME Class: 2 System: SAFW GORR No.: 95-T-030
Line: 3C-FW-902S-1B Category: Corrective Action Activity
Construction Code: ASME III '74/'86
Work Performed By: 3
Name of Component: V9704B
Work Description/Remarks: A Like-for-Like replacement activity was initiated for V9704B Stem. The work activity also covered the reapplication of the Body to Bonnet Seal Weld. This activity was controlled by WO # 19402959. Construction Code PT examination for the Seal Weld was performed and acceptable. An ASME Section XI VT-2 examination was performed and acceptable.
34. ASME Class: 2/3 System: SAFW GORR No.: 95-T-031
Line: 3C-FW-902S-1A Category: Corrective Action Activity
Construction Code: ASME III '74/'86
Work Performed By: 3
Name of Component: V9704A; AFU-231
Work Description/Remarks: A replacement activity was initiated for V9704A Stem and the reapplication of the Body to Bonnet Seal Weld. Component Support AFU-231 was also removed and reinstalled in order to provide access for the original work scope. This activity was controlled by WO # 19402956. Construction Code PT examination for the Seal Weld and VT examination for the support was performed and acceptable. ASME Section XI Baseline VT examination for the support and VT-2 examination was performed and acceptable.

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35. ASME Class: 3 System: SW GORR No.: 95-T-032
Line: 4J-SWO-125-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '73; B16.34
Work Performed By: 3
Name of Component: V4668A
Work Description/Remarks: A replacement activity was initiated for V4668A Stem. This activity was controlled by WO # 19221535. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
36. ASME Class: 3 System: SW GORR No.: 95-T-033
Line: 14J-SWO-125-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '73; B16.34
Work Performed By: 3
Name of Component: V4561A
Work Description/Remarks: A replacement activity was initiated for V4561A. This activity was controlled by WO # 19402895. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
37. ASME Class: 3 System: MS GORR No.: 95-T-034
Line: 30B-MS-600-1 Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '73/'86; B16.34
Work Performed By: 1 & 3
Name of Component: V3518
Work Description/Remarks: A replacement activity was initiated for V3518 Shaft & Keys. Weld repairs were also performed to the Disc Arm and the application of Tack Welds to the Nut to Disc Post. This Activity was controlled by WO # 19402322 and NCR95-021. Construction Code PT Examinations were performed on the welded areas and acceptable. Upon reassembly, an ASME Section XI Leakage examination (ISI Exam 95411400) was performed and acceptable.

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38. ASME Class: 1 System: RCS GORR No.: 95-T-035
Line: 4A-RC8-2501-A Category: Corrective Action Activity
Construction Code: B31.1 '73/'86; B16.34; VIII '65; W E-676279
Work Performed By: 1
Name of Component: V434
Work Description/Remarks: This activity was initiated to replace V434 with a rebuilt unit, no internal valve components were replaced. This activity was controlled by WO # 19402658. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
39. ASME Class: 1 System: RCS GORR No.: 95-T-036
Line: 4A-RC8-2501-B Category: Corrective Action Activity
Construction Code: B31.1 '73/'86; B16.34; VIII '65; W E-676279
Work Performed By: 1
Name of Component: V435
Work Description/Remarks: This activity was initiated to replace V435 with a rebuilt unit, no internal valve components were replaced. This activity was controlled by WO # 19402659. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
40. ASME Class: 3 System: SW GORR No.: 95-T-037
Line: 20I-SWO-125-1 Category: Corrective Action Activity
Construction Code: B31.1 '73/'86; SP-5291
Work Performed By: 1
Name of Component: Blind Flange Nuts/Bolts Downstream of V4640
Work Description/Remarks: This activity was initiated to replace associated Nuts/Bolts of Blind Flange Downstream of V4640. This activity was controlled by WO # 19500531. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.

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41. ASME Class: 3 System: DG GORR No.: 95-T-038
Line: 2C-FO-150-6B Category: Corrective Action Activity
Construction Code: B31.1 '73/'86; SP-5291; ASME VIII
Work Performed By: 1
Name of Component: V5960 & 1 Flange Nut/Bolt
Work Description/Remarks: This activity was initiated to replace one Nut/Bolt on a Flange as well as for replacing V5960. This activity was controlled by WO # 19402512. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.

42. ASME Class: 2 System: MS GORR No.: 95-T-039
Line: 6A-MS-600-1A Category: Corrective Action Activity
Construction Code: B31.1 '73; SP-5291; B16.34; ASME III '86
Work Performed By: 3
Name of Component: V3505A
Work Description/Remarks: This activity was initiated to replace the Stem & Disc associated with V3505A. This activity was controlled by WO # 19501151. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.

43. ASME Class: 3 System: CVCS/CCW GORR No.: 95-T-040
Line: N/A Category: Corrective Action Activity
Construction Code: ASME VIII
Work Performed By: 1
Name of Component: ECH05, Non-Regen Hx.
Work Description/Remarks: This activity was initiated to replace two (2) Studs on the Non-Regenerative Heat Exchanger. This activity was controlled by WO # 19221031. Upon reassembly, an ASME Section XI Leakage examination was performed and results were unacceptable. An Action Report (95-202) was generated.



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44. ASME Class: 3 System: AFW GORR No.: 95-T-041
Line: 3A-FW7-900-1B Category: Corrective Action Activity
Construction Code: B31.1 '73; SP-5291; ASME III '86
Work Performed By: 3
Name of Component: V4010
Work Description/Remarks: This activity was initiated to replace the Disc Assembly associated with V4010. This activity was controlled by WO # 19402939. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
45. ASME Class: 2 System: MS GORR No.: 95-T-042
Line: 6B-MS-600-1A Category: Corrective Action Activity
6B-MS-600-1B
Construction Code: B31.1 '73; ASME III '77/75 & '86
Work Performed By: 3
Name of Component: V3411 & V3410
Work Description/Remarks: This replacement activity was initiated to install a Diffuser/Pilot Plug in V3411 and a Stem Pilot Assembly in V3410. These activities were controlled by WO #'s 19402924 and 19402925. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
46. ASME Class: 2 System: CS GORR No.: 95-T-043
Line: 3A-SI-301 Category: Corrective Action Activity
Construction Code: SP-5291; ASME III '74/'86
Work Performed By: 1
Name of Component: CSU-72, Component Support
Work Description/Remarks: This activity was initiated to install a nut on Component Support CSU-72. This activity was controlled by WO # 19501405. Upon assembly, proper torque verification was performed and acceptable. No additional ASME Section XI Baseline Examinations were performed since this Component Support is located on an Exempt Line.

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47. ASME Class: 2 System: CVCS GORR No.: 95-T-044
Line: 2G-CH-601 Category: Corrective Action Activity
Construction Code: B31.1 '73/'86; B16.34
Work Performed By: 1
Name of Component: V371
Work Description/Remarks: This activity was initiated to install a Plug/Stem Assembly associated with V371. This activity was controlled by WO # 19501329. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
48. ASME Class: 2 System: HHS GORR No.: 95-T-045
Line: 150-4 Category: Corrective Action Activity
Construction Code: B31.1 '55; ASME III '86; SP-5291
Work Performed By: 1
Name of Component: Capped Penetrations 301 & 303
Work Description/Remarks: This activity was initiated to remove HHS System piping and capping Penetrations 301 and 302. The work was controlled by WO # 19320570 & TSR93-067. Construction Code VT & PT examinations were performed and acceptable associated with the end caps. Upon completion of this activity, an Appendix J Pressure Test was performed & acceptable.
49. ASME Class: 3 System: MS GORR No.: 95-T-046
Line: 1.5C-MS-600-1 Category: Corrective Action Activity
1.5D-MS-600-1
Construction Code: B31.1 '73; ASME III '86; B16.34; SP-5291
Work Performed By: 1
Name of Component: V8527 & V8528
Work Description/Remarks: A replacement activity was initiated to install new valves associated with V8527 & V8528. These activities were controlled by WO #'s 19404707 and 19403598. Construction Code VT & MT examinations were performed and acceptable. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable. An Action Report (95-171) was generated for the improper application of ASME Section XI Leakage examination. Relief Request #30 was also generated.



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50. ASME Class: 3 System: AFW GORR No.: 95-T-047
Line: 3A-FW7-900-1A Category: Corrective Action Activity
Construction Code: B31.1 '73; ASME III '86; B16.34; SP-5291
Work Performed By: 3
Name of Component: V4007
Work Description/Remarks: This activity was initiated to install a new Stem & Seat Rings associated with V4007. This activity was controlled by WO # 19501545. Upon reassembly, an ASME Section XI Leakage examination was performed and acceptable.
51. ASME Class: 2 System: SI GORR No.: 95-T-048
Line: 1.5D-SI-1501 Category: Corrective Action Activity
Construction Code: B31.1 '73; B16.34; ASME III '86
Work Performed By: 1
Name of Component: V1820C
Work Description/Remarks: This activity was initiated to replace V1820C. This activity was controlled by WO # 19403628. Construction Code VT & PT examinations were performed and acceptable. Upon completion of this activity, an ASME Section XI Hydro Test and accompanying VT-2 examination was performed and acceptable.



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52. ASME Class: 2 System: S/G Blowdown GORR No.: 95-T-049
Line: "B" Loop Category: Corrective Action Activity
Construction Code: B31.1 '73; ASME III '74/'86.
Work Performed By: 1 & 2
Name of Component: S/G Blowdown "B" Loop; Piping & Supports,
inside Containment.
Code Case: N-416
Work Description/Remarks: A replacement activity on the S/G Blowdown Loop "B" piping (2") and Component Supports inside containment was initiated. Piping material was upgraded from Carbon Steel to Chrome-Moly. This activity was controlled by WO # 19500287, TSR94-116, EWR 4499 and SM94-116.1. Construction Code VT & MT examinations on the 2" Socket Welds as well as RT & VT examinations on the one (1) Butt Weld were performed and acceptable. Existing Component Supports (BDU-5, BDU-11, BDU-15, & BDU-16) were removed for this activity and later reinstalled had Construction Code VT examinations performed and acceptable. An ASME Section XI Leakage examination was performed and acceptable in accordance with Code Case N-416.

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ATTACHMENT III

EROSION/CORROSION (MINWALL) PROGRAM SUMMARY

This section provides Erosion/Corrosion examination details and information corresponding to items inspected during the 1995 Outage.

A total of 96 items were examined. The breakdown of this total is as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	51
Elbows	34
Reducers	6
Tees	4
<u>Expansion Joint</u>	<u>1</u>
Total	96

The following lists identifies systems of examined components, system component result summaries, and component result details.

Systems of Examined Components:

Component thickness measurements were performed on the following systems.

<u>DWG.</u> <u>NO.</u>	<u>SYSTEMS</u>
M-1	A/B F.W. PUMP DISCHARGE TO 5 A/B HEATERS
M-2	5 A/B F.W. HEATERS TO F.W. HEADER
M-4A	FEEDWATER CLEANUP TO CONDENSER FROM 5A/B HP HEATERS
M-4B	FEEDWATER CLEANUP TO CONDENSER & CONDENSATE DEM. RINSE
M-7A	HEATER DRAIN TANK DISCHARGE
M-10	LOW PRESSURE DOWNCOMERS (WEST CONDENSER)
M-10A	LOW PRESSURE DOWNCOMERS TO L.P.H. (WEST CONDENSER)
M-10B	LOW PRESSURE DOWNCOMERS (EAST CONDENSER)
M-10C	LOW PRESSURE DOWNCOMERS TO L.P.H. (EAST CONDENSER)
M-11A	MSR 1A & 1B 2ND PASS DRAIN
M-15A	MSR 1A 4TH PASS TO 5A HEATER
M-15B	MSR 1B 4TH PASS TO 5A HEATER



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Systems of Examined Components: (Cont.)

<u>DWG.</u> <u>NO.</u>	<u>SYSTEMS</u>
M-16	MSR 1A & 1B 4TH PASS TO CONDENSER
M-31	MSR 1A & 1B TO HEATER DRAIN TANK & CONDENSER
M-41A	5A HP HEATER DRAIN TO 4A LP HEATER
M-41B	5B HEATER DRAIN TO 4B HEATER
M-75	STEAM EXTRACTION TO 5A & 5B HEATERS
M-81	FEEDWATER DISCHARGE (TURBINE BLDG)
M-88D	S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)
M-90	FEEDWATER CLEAN UP (CV-18)
M-91	FEEDWATER CLEAN UP (CV-19)
M-105	HEATING STEAM

System Component Result Summaries:

The following break down by system provides general results on the component types that were examined.

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>
M-1	A/B F.W. PUMP DISCHARGE TO 5 A/B HEATERS
	Components Examined: Results: % of Nominal
	2 Elbows 4 Acceptable
	2 Pipes
M-2	5 A/B F.W. HEATERS TO F.W. HEADER
	Components Examined: Results: % of Nominal
	2 Elbows 1 Acceptable
	2 Pipes 3 >88

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ATTACHMENT III

System Component Result Summaries: (Cont.)

DWG.

NO.

SYSTEM

M-4A FEEDWATER CLEANUP TO CONDENSER FROM 5A/B HP HEATERS

Components Examined:	Results: % of Nominal
1 Pipe	1 >88

M-4B FEEDWATER CLEANUP TO CONDENSER & CONDENSATE DEM. RINSE

Components Examined:	Results: % of Nominal
2 Elbows	2 >88
2 Pipes	2 88-82
2 Reducer	1 82-76
	1 76-70

M-7A HEATER DRAIN TANK DISCHARGE

Components Examined:	Results: % of Nominal
2 Elbows	1 Acceptable
1 Expansion Joint	4 >88
1 Pipe	
1 Reducer	

M-10 LOW PRESSURE DOWNCOMERS (WEST CONDENSER)

Components Examined:	Results: % of Nominal
1 Pipe	1 <65

M-10A LOW PRESSURE DOWNCOMERS TO L.P.H. (WEST CONDENSER)

Components Examined:	Results: % of Nominal
5 Pipes	1 82-76
	4 <65

M-10B LOW PRESSURE DOWNCOMERS (EAST CONDENSER)

Components Examined:	Results: % of Nominal
1 Pipe	1 <65

M-10C LOW PRESSURE DOWNCOMERS TO L.P.H. (EAST CONDENSER)

Components Examined:	Results: % of Nominal
3 Pipes	1 70-65
	2 <65



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System Component Result Summaries: (Cont.)

DWG.

NO.

SYSTEM

M-11A MSR 1A & 1B 2ND PASS DRAIN

Components Examined:	Results: % of Nominal
1 Elbow	2 >88
1 Pipe	

M-15A MSR 1A 4TH PASS TO 5A HEATER

Components Examined:	Results: % of Nominal
4 Elbows	10 >88
5 Pipes	
1 Tee	

M-15B MSR 1B 4TH PASS TO 5A HEATER

Components Examined:	Results: % of Nominal
1 Elbow	1 >88

M-16 MSR 1A & 1B 4TH PASS TO CONDENSER

Components Examined:	Results: % of Nominal
1 Pipe	1 88-82

M-31 MSR 1A & 1B TO HEATER DRAIN TANK & CONDENSER

Components Examined:	Results: % of Nominal
5 Elbows	13 >88
7 Pipes	
1 Tee	

M-41A 5A HP HEATER DRAIN TO 4A LP HEATER

Components Examined:	Results: % of Nominal
3 Elbows	5 >88
2 Pipes	

M-41B 5B HEATER DRAIN TO 4B HEATER

Components Examined:	Results: % of Nominal
3 Elbows	4 >88
2 Pipes	1 88-82

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System Component Result Summaries: (Cont.)

DWG.

NO.

SYSTEM

M-75 STEAM EXTRACTION TO 5A & 5B HEATERS

Components Examined:	Results: % of Nominal
2 Elbows	1 Acceptable
3 Pipes	1 Unacceptable
1 Tee	2 >88
	1 76-70
	1 70-65

M-81 FEEDWATER DISCHARGE (TURBINE BLDG)

Components Examined:	Results: % of Nominal
2 Elbows	5 >88
3 Pipes	1 88-82
2 Reducers	1 <65

M-88D S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)

Components Examined:	Results: % of Nominal
2 Elbows	7 >88
6 Pipes	1 76-70
1 Tee	1 <65

M-90 FEEDWATER CLEAN UP (CV-18)

Components Examined:	Results: % of Nominal
1 Elbow	1 82-76
1 Pipe	1 76-70

M-91 FEEDWATER CLEAN UP (CV-19)

Components Examined:	Results: % of Nominal
1 Elbow	1 >88
1 Reducer	1 88-82

M-105 HEATING STEAM

Components Examined:	Results: % of Nominal
1 Elbow	3 >88
2 Pipes	

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Component Result Details:

The following list provides examination result details on components by drawing number and system description. The "Component Type" classification specified in the list below corresponds to the following:

P = Pipe E = Elbow T = Tee
R = Reducer/Expander J = Expansion Joint

Drawing No. M-1 System: A/B FW PUMP DISCHARGE TO 5A/B HEATER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
200270	27	P	0.938		0.604	NA	>88	VT
200280	28	E	0.938		0.703	NA	>88	VT
200290	29	P	0.938		0.604	NA	>88	VT
200300	30	E	0.938		0.701	NA	>88	VT

Drawing No. M-2 System: 5 A/B FEEDWATER HEATERS TO FEEDWATER HEADER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
201130	13	E	0.938		0.704	NA	>88	VT
201140	14	P	0.938		0.605	0.864	>88	UT
201150	15	E	0.938		0.705	0.961	>88	UT
201160	16	E	0.938		0.710	1.009	>88	UT

Drawing No. M-4A System: FEEDWATER CLEANUP TO CONDENSER/EAST WALL

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
203310	31	P	0.500		0.250	0.603	>88	UT

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Component Result Details: (Cont.)

Drawing No. M-4B System: FEEDWATER CLEANUP TO CONDENSER/EAST WALL

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
204510	51	R	0.500	0.594	0.350, 0.416	0.491	88-82	UT
204520	52	E	0.594		0.416	0.503	88-82	UT
204590	59	E	0.594		0.416	0.467	82-76	UT
204600	60	P	0.594		0.416	0.571	>88	UT
204630	63	R	0.594	0.688	0.416, 0.482	0.467	76-70	UT
204640	64	P	0.688		0.482	0.675	>88	UT

Drawing No. M-7A System: HEATER DRAIN TANK DISCHARGE

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
207010	01	E	0.688		0.278	0.695	>88	UT
207020	02	P	0.688		0.274	0.646	>88	UT
207030	03	E	0.688		0.278	0.630	>88	UT
207045	04A	J	0.688			NA	NA	VT
207050	05	R	0.688	0.750	0.278, 0.303	0.786	>88	UT

Drawing No. M-10 System: LOW PRESSURE DOWNCOMERS

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
211060	1F	P	0.375		0.113	0.236	<65	UT



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Component Result Details: (Cont.)

Drawing No. M-10A System: STEAM EXTRACTION TO 2A LPH

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
212180	18	P	0.375		0.113	0.150	<65	UT
212190	19	P	0.375		0.113	0.140	<65	UT
212250	25	P	0.375		0.113	0.285	82-76	UT
212260	26	P	0.375		0.113	0.156	<65	UT
212270	27	P	0.375		0.113	Holes	<65	UT

Drawing No. M-10B System: LOW PRESSURE DOWNCOMERS

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
213060	2F	P	0.375		0.113	0.159	<65	UT

Drawing No. M-10C System: STEAM EXTRACTION TO 2B LPH

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
214130	13	P	0.375		0.113	0.254	70-65	UT
214140	14	P	0.375		0.113	0.120	<65	UT
214150	15	P	0.375		0.113	Holes	<65	UT

Drawing No. M-11A System: MSR 1A & 1B 2ND PASS DRAINS

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
215080	08	E	0.432		0.268	0.390	>88	UT
215090	09	P	0.432		0.267	0.401	>88	UT



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Component Result Details: (Cont.)

Drawing No. M-15A System: MSR 1A 4TH PASS TO HEATER 5A

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
226010	01	P	0.432		0.266	0.499	>88	UT
226020	02	E	0.432		0.266	0.385	>88	UT
226025	2A	P	0.432		0.266	0.398	>88	UT
226030	03	E	0.432		0.266	0.397	>88	UT
226040	04	P	0.432		0.266	0.390	>88	UT
226090	09	E	0.300		0.171	0.284	>88	UT
226100	10	P	0.300		0.168	0.275	>88	UT
226105	10A	E	0.300		0.175	0.266	>88	UT
226110	11	T	0.300		0.171	0.289	>88	UT
226120	12	P	0.300		0.168	0.284	>88	UT

Drawing No. M-15B System: MSR 1B 4TH PASS TO HEATER 5B

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
227210	73	E	0.300		0.169	0.273	>88	UT

Drawing No. M-16 System: MSR 1A & 1B 4TH PASS DRAIN TO CONDENSER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
228010	01	P	0.300		0.168	0.263	88-82	UT

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Component Result Details: (Cont.)

Drawing No. M-31 System: MSR 1A & 1B TO HEATER DRAIN TANK

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
260090	09	E	0.432		0.168	0.473	>88	UT
260100	10	P	0.432		0.166	0.417	>88	UT
260110	11	E	0.432		0.168	0.414	>88	UT
260120	12	P	0.432		0.166	0.418	>88	UT
260247	24C	P	0.432		0.378	0.403	>88	UT
260250	25	E	0.432		0.378	0.420	>88	UT
260260	26	P	0.432		0.378	0.412	>88	UT
260270	27	T	0.432		0.378	0.448	>88	UT
260280	28	P	0.432		0.378	0.390	>88	UT
260281	28A	E	0.432		0.378	0.387	>88	UT
260282	28B	P	0.432		0.378	0.408	>88	UT
260283	28C	E	0.432		0.378	0.388	>88	UT
260370	37	P	0.432		0.378	0.419	>88	UT

Drawing No. M-41A System: 5A H.P.H. DRAIN TO 4A L.P.H.

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
290012	1A	E	0.687		0.601	0.688	>88	UT
290013	1C	E	0.687	0.432	0.601, 0.378	0.678	>88	UT
290014	1D	P	0.432		0.378	0.412	>88	UT
290015	1E	E	0.432		0.378	0.417	>88	UT
290017	1F	P	0.432		0.378	0.411	>88	UT

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Component Result Details: (Cont.)

Drawing No. M-41B System: 5B H.P.H. DRAIN TO 4B L.P.H.

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
291012	40A	E	0.687		0.601	0.656	>88	UT
291013	40C	E	0.687	0.432	0.601; 0.378	0.621	>88	UT
291014	40D	P	0.432		0.378	0.418	>88	UT
291015	40E	E	0.432		0.378	0.406	>88	UT
291016	40F	P	0.432		0.378	0.380	88-82	UT

Drawing No. M-75 System: STEAM EXTRACTION TO 5A & 5B H.P.H.

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
303120	12	P	0.375		0.232	0.264	76-70	UT
303130	13	E	0.375		0.231	0.353	>88	UT
303140	14	E	0.375		0.225	NA	OK	VT
303150	15	P	0.375		0.214	NA	OK	VT
303170	17	T	0.375		0.230	0.367	>88	UT
303205	20A	P	0.375		0.230	0.254	70-65	UT

Drawing No. M-81 System: FEEDWATER DISCHARGE

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
390060	06	R	0.844	0.938	0.570, 0.705	0.475	<65	UT
390065	06A	P	0.938		0.697	0.848	>88	UT
390080	08	E	0.938		0.710	0.954	>88	UT
390090	09	P	0.938		0.605	0.863	>88	UT

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Component Result Details: (Cont.)

Drawing No. M-81 (Cont.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
390210	21	R	0.844	0.938	0.637, 0.699	0.720	88-82	UT
390230	23	E	0.938		0.697	0.855	>88	UT
390240	24	P	0.938		0.605	0.875	>88	UT

Drawing No. M-88D System: BLOWDOWN TO BLOWDOWN TANK (TURBINE BLDG.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
385140	14	P	0.300		0.170	0.291	>88	UT
385150	15	E	0.300		0.170	0.284	>88	UT
385160	16	P	0.300		0.168	0.297	>88	UT
385392	39B	P	0.337		0.144	0.251	76-70	UT
385530	53	P	0.300		0.170	0.283	>88	UT
385540	54	E	0.300		0.170	0.291	>88	UT
385550	55	P	0.300		0.168	0.284	>88	UT
385757	75B	P	0.337		0.169	0.303	>88	UT
385800	80	T	0.500	0.500	0.285, 0.258	0.265	<65	UT

Drawing No. M-90 System: FW RECIRC CV-18

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
300410	40	E	0.432		0.334	0.340	82-76	UT
300440	43	P	0.432		0.287	0.317	76-70	UT

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Component Result Details: (Cont.)

Drawing No. M-91 System: FW RECIRC CV-19

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
300790	33	R	0.337	0.432	0.223, 0.338	0.342	>88	UT
300820	36	E	0.432		0.333	0.374	88-82	UT

Drawing No. M-105 System: House Heating System

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
331010	01	P	0.237		0.166	0.223	>88	UT
331020	02	E	0.237		0.166	0.240	>88	UT
331030	03	P	0.237		0.166	0.218	>88	UT