

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, SECOND OUTAGE (1994)  
AT  
R. E. GINNA NUCLEAR POWER PLANT

REVISION 0  
JUNE 30, 1994

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R. E. GINNA NUCLEAR POWER PLANT  
NUCLEAR REGULATORY COMMISSION  
INSERVICE INSPECTION REPORT  
THIRD INTERVAL (1990 - 1999)  
SECOND PERIOD, SECOND OUTAGE (1994)

OWNERS DATA SHEET

Date: 30 June, 1994

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

R. E. GINNA NUCLEAR POWER PLANT

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#### INTRODUCTION AND SYNOPSIS:

Inservice Inspection (ISI) activities during the 1994 Refueling Outage were performed on components within Class 1, 2, 3, High Energy Piping, Class Q, Steam Generator Tubes, Seismic Supports and Snubbers. ISI examinations were initiated on February 28, 1994 and concluded on April 18, 1994. 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 the Refueling Outage timeframe.

Personnel involved included the RG&E Materials Engineering and Inspection Services Section, 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 1994 Outage, 47.2% of ASME Section XI Code required examinations for the Third Interval ISI Program have 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 91 ASME, Augmented and Owner Elected components were examined during the 1994 Outage. The examinations for these components consisted of 18 VT-1's, 15 VT-3's, 19 PT's, 33 MT's and 32 UT's. A total of 117 examinations were performed on Class 1 Components.

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## CLASS 1 COMPONENTS: (Cont.)

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

<u>Item / System Description</u>	<u>Plant Line</u>
Reactor Pressure Vessel:	
* Interior	-----
* Welds	-----
* Closure Nuts, Studs & Washers	-----
Pressurizer, Nozzles Inside Radius:	-----
Reactor Coolant System Lines:	31-RC-2501-A 29-RC-2501-B
Pressurizer Lines:	4A-RC8-2501-A 3A-RC8-2501 3C-RC8-2501 3A-RC8-2501-B 2A-RC8-2501
Residual Heat Removal Lines:	4A-RC0-2501-A
H.P. Safety Injection Lines:	2C-SI2-2501 2B-SI2-2501
Letdown Lines:	2A-CH4-2501 2B-CH4-2501 2A-CH-601
Alternative Charging Lines:	2C-CH5-2502 2A-RC0-2501-A 2C-CH5-2502 2F-CH5-2502
Reactor Coolant Pump:	
* "A" Components	-----
* "B" Components, Flywheel & Pawls	-----
* "Spare" Flywheel & Pawls	-----

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### CLASS 2 COMPONENTS:

A total of 67 ASME and Owner Elected Components were examined. The examinations for these components consisted of 6 VT-1's, 30 VT-3's, 22 PT's, 11 MT's, 3 RT's, and 16 UT's, for a total of 88 examinations.

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

<u>Item / System Description</u>	<u>Plant Line</u>
Pulse Dampener:	-----
Seal Water Injection Filter B:	-----
Residual Heat Exchanger - B:	-----
Residual Heat Removal Pump A:	-----
Containment Spray Pump A:	-----
H.P. Safety Injection Pump B:	-----
Main Steam Lines:	30A-MS-600-1A 30B-MS-600-1B 6F-MS-600-1B
Feedwater Lines:	14A-FW-900-1A 14B-FW-900-1B
H.P. Safety Injection Lines:	8B-SI-301A 8H-SI-301 8J-SI-151 4 -SI-301 4B-SI-301 4D-SI-1501 4E-SI-1501 3A-SI-1501 2A-SI-1501 2R-SI-2501 2S-SI-2501

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CLASS 2 COMPONENTS: (Cont.)

<u>Item / System Description</u>	<u>Plant Line</u>
Residual Heat Removal Lines:	10GG-AC-151 10C -AC-601 8FF-AC-601 8E -AC-601 6A -AC-601
Service Water Lines:	8C-SW-125 8E-SW-125 8K-SW-125
Standby Auxiliary Feedwater Lines:	3C-FW-902S-1A 3C-FW-902S-1B
Pressurizer Lines:	2 -CH5-2501 2A-RC8-2501 2E-CH5-2501
Alternative Charging Lines:	2B-RC0-2501-B 2F-CH5-2501
Charging Line:	2D-CH5-2501

CLASS 3 COMPONENTS:

A total of 82 ASME and Owner Elected Components were examined utilizing the VT-3 visual technique.

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

<u>Item / System Description</u>	<u>Plant Line</u>
Non-Regenerative Heat Exchanger:	-----
Diesel Generators A & B Exhaust Lines:	20B-DG-150-4A 20B-DG-150-4B 20A-DG-150-4B

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CLASS 3 COMPONENTS: (Cont.)

<u>Item / System Description</u>	<u>Plant Line</u>
Component Cooling Lines:	14C-AC5-152 10H-AC5-152 10L-AC5-152 8A-AC5-152 8B-AC5-152
Auxiliary Cooling Lines:	8B-AC6-152 6G-AC6-152
Service Water Lines:	20I-SW0-125-1 14A-SW0-125-1 14B-SW0-125-1 14E-SW0-125-1 14F-SW0-125-1 14H-SW0-125-1 10B-SW0-125-1
Auxiliary Feedwater Lines:	5A-FW7-900-1 4A-SW -125-1A 3A-FW7-900-1A 3A-FW7-900-1B 3D-FW7-900-1 3E-FW7-900-1 3G-FW7-900-1 3J-FW7-900-1 3K-FW7-900-1 2C-FW7-900-1A
Standby Auxiliary Feedwater Lines:	4A-FW8-152S-A 4K-SW0-152S 3A-FW8-902S-A 3A-FW8-902S-B 3C-FW8-902S
Main Steam Line:	6B-MS-600-1



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CLASS Q COMPONENTS:

A total of 2 Owner Elected Components were examined utilizing Ultrasonic (UT) techniques.

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

<u>Item / System Description</u>	<u>Plant Line</u>
Letdown Demineralizer Filter	-----

HIGH ENERGY COMPONENTS:

Augmented and Owner Elected Components associated with the High Energy Program were examined during the 1994 Outage. The examinations for these items consisted of 16 VT-1's, 2 VT-3's, 16 MT's, 10 RT's, and 7 UT's for a total of 51 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>
Main Steam Lines:	30A-MS-600-1A 30B-MS-600-1B 30A-MS-600-1 30B-MS-600-1 24B-MS-600-1A
Feedwater Lines:	20 -FW-900-1 14A-FW-900-1A 14B-FW-900-1B 14A-FW-900-1 8 -FW-900-1

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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 1994 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. Wear Indications Cold Leg, Tubes R1C10-R1C12, R2C10 & R2C12, R3C10-R3C12.

Steam Generator Eddy Current Examination details are documented in the Rochester Gas & Electric 1994 Steam Generator Eddy Current Final Report.

### SYSTEM PRESSURE TESTS:

#### Hydrostatic Testing:

No 10-Year ISI (ASME) Hydrostatic tests were performed during the 1994 Outage.

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SYSTEM PRESSURE TESTS: (Cont.)

Leakage Testing:

A total of fifteen (15) ASME and Augmented Leakage Examinations were performed during the 1994 outage. The leakage tests included; one (1) Class 1, Reactor Coolant System (PT-7) examination, thirteen (13) Class 2 or 3 examinations, and one (1) High Energy Feedwater examination. One (1) Class 3 examination was partially completed during this refueling outage.

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

During the 1994 Ginna Station Refueling Outage, no ASME Section XI required components were classified as "Service Induced Rejectable" needing Code expanded examinations.

SNUBBER PROGRAM:

Visual Examinations:

A total of 149 Snubber component supports were examined during the 1994 outage. These Augmented examinations were performed to satisfy Ginna Station Technical Specification requirements.

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

<u>Item / System Description</u>	<u>Plant Line</u>
Steam Generator "A":	-----
Steam Generator "B":	-----
Auxiliary Feedwater Pump Discharge - Intermediate Building Lines:	3K-FW7-900-1 3A-FW7-900-1A 3J-FW7-900-1 3B-FW -900-1B 3A-FW7-900-1B 3A-FW -900-1A 3B-FW -900-1A

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SNUBBER PROGRAM: (Cont.)

Visual Examinations:

<u>Item / System Description</u>	<u>Plant Line</u>
Turbine Driven Auxiliary Feedwater Pump Suction Line:	4A-CD-150-1C
Steam Generator B, Blowdown Line:	2C-MS-600-1B
Auxiliary Cooling Lines:	4S-AC6-152 3E-AC6-152 4T-AC6-152
2-IN. Letdown Lines:	2A-CH4-2501 2H-CH -601 2A-CH4-151
2-IN. Charging Line:	2G-CH5-2502
2-IN. Alternate Charging Line:	2F-CH5-2501
CVCS Relief Line:	2E-CH-601
Reactor Coolant Pump "1B" Seal Water Line:	2H-CH5-2501
Reactor Coolant Pump "1A" Seal Water Line:	2P-CH-2501
Feedwater Loop "A" & "B" Lines:	14A-FW-900-1A 14A-FW-900-1 14B-FW-900-1B 14B-FW-900-1
Main Steam Lines:	30A-MS-600-1A 30B-MS-600-1B 6A-MS-600-1A 6B-MS-600-1A 6B-MS-600-1B 6A-MS-600-1 6B-MS-600-1

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SNUBBER PROGRAM: (Cont.)

Visual Examinations:

Item / System Description

Plant Line

Safety Injection Lines:

10A-SI2-2501-A  
10A-SI2-2501-B  
10 -SI -151  
8J-SI -151  
4 -SI -301

Residual Heat Removal Lines:

10 -AC -601  
10A -AC7-2501-B  
10A -AC7-2501-A  
10D -AC -601  
10E -AC -601  
10G -AC -601  
10GG-AC -151  
8B -AC -601  
6 -AC -601  
6D -AC -601  
6K -AC -151

Service Water Lines:

10B-SWO-125-1  
8A-SWO-125-1  
8L-SW -125

Standby Auxiliary Feedwater Lines:

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

Pressurizer Relief Lines:

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

Seal Water Return Lines:

2X-CH-2501

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SNUBBER PROGRAM: (Cont.)

Functional Testing:

A total of twenty-one (21) snubbers were Functionally Tested (FT) during the 1994 outage. From this total number, one hydraulic snubber was required due to successive/augmented testing. Two (2) snubbers, one hydraulic and one mechanical, were tested due to unacceptable visual examinations. From the eighteen (18) snubbers that were originally scheduled, fourteen (14) were mechanical snubbers and four (4) were hydraulic snubbers.

Snubber Functional Testing (FT) were performed on the following items and/or system lines during the 1994 Outage.

<u>Item / System Description</u>	<u>Plant Line</u>
Steam Generator "A":	-----
Auxiliary Feedwater Line:	3A-FW7-900-1A
CVCS-Letdown Line:	2A-CH4-2501
Feedwater, Loop "A" Line:	14A-FW-900-1A
Main Steam Lines:	30A-MS-600-1A 30B-MS-600-1B 6A-MS-600-1 6B-MS-600-1B
Residual Heat Removal Lines:	10-AC-601 6-AC-601
Safety Injection Line:	4-SI-301
Standby Auxiliary Feedwater Lines:	3C-FW-902S-1A 3C-FW-902S-1B
Pressurizer Relief Lines:	6AP-RC-602 3BP-RC-602

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#### SEISMIC SUPPORT PROGRAM:

A total of Fourteen (14) 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>
Auxiliary Feedwater Line:	2A-FW7-900-1B
CVCS-Letdown Line:	2-WD-151R
Feedwater Lines:	14A-FW-900-1 14B-FW-900-1
Main Steam Lines:	36-MS-600-1 6C-MS-600-1A 6C-MS-600-1B 6D-MS-600-1A 6D-MS-600-1B 6E-MS-600-1A 6E-MS-600-1B 6F-MS-600-1A 6F-MS-600-1B

#### EROSION/CORROSION MINWALL PROGRAM:

A total of 115 components were examined during the 1994 Outage. The breakdown of this total number are as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	55
Elbows	24
Reducers	12
Tees	18
Heater Shells	6

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EROSION/CORROSION MINIWALL PROGRAM: (Cont.)

Component thickness measurements were performed on the following systems:

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>
M-2	5A/B FW Heaters to FW Header.
M-5	Heaters 4A/B to Feedwater Suction.
M-6	Feedwater Suction to Pumps A/B.
M-7B	Condensate Pump & Heater Drain Tank Discharge to Feedwater Suction.
M-21	Steam Extraction to Preseparator Tank B & 4B LP Heater.
M-22	Steam Extraction to Preseparator Tank A & 4A LP Heater.
M-45	Preseparator A/B to Heater Drain Tank & Condenser.
M-46B	Preseparator A/B to Heater Drain Tank.
M-75	Steam Extraction to 5A & 5B Heaters.
M-81	Feedwater Discharge (Turbine Building).
M-82	Feedwater Discharge (Intermediate Building).
M-83	Feedwater Discharge (Intermediate Building & Facade).
M-84	Feedwater to S/G 1A.
M-89A	S.G. 1A Blowdown Line (Inside Containment).
M-89B	S.G. 1B Blowdown Line (Inside Containment).
M-92	Main Feedwater Pump Recirculation.
M-105	Heating Steam.
S-57	Gland Steam from HP Turbine through LGS05 & LGS08 to 12" Line through Valve 3881 & 3834.
----	RHR System near Valves 624 & 625.
----	4A & 4B Low Pressure Heater Shell.



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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 6/30/94  
Frank A. Klepacki Date  
ISI Engineer

Approved By: Michael J. Saporito 6/30/94  
Michael J. Saporito  
Manager, Materials Engineering  
and Inspection Services  
NDE Level III

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 NY 2498  
ANII's Signature

6/30/94  
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"

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, NJ07007-2300

**FORM NIS-1 (Back)**

8. Examination Dates 2/28/94 to 4/18/94 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 30 June 19 94 Signed Rochester Gas & Electric Corporation By Frank J. Klopach  
 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 2/28/94 to 4/18/94 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 NY 2498  
 Inspector's Signature National Board, State, Province, and Endorsements  
 Date 6/30 19 94

(\*) SEE "ATTACHMENT I"

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### A. CLASS 1 COMPONENTS:

##### A1. REACTOR PRESSURE VESSEL

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
000502	B-A	B1.30	RPV-A (16-32) VESSEL-TO-FLANGE CIRC WELD	ASME	UT

94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

000701	B-N-1	B13.10	RPV INTERIOR VESSEL INTERIOR	ASME	VT-3
--------	-------	--------	---------------------------------	------	------

94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE. TAKING  
CREDIT FOR EXAMINATION PERFORMED IN '93.

001017	B-G-1	B6.10	NUT #17 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
--------	-------	-------	---	------	----

94 - MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001018	B-G-1	B6.10	NUT #18 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
--------	-------	-------	---	------	----

94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001019	B-G-1	B6.10	NUT #19 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
--------	-------	-------	---	------	----

94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001020	B-G-1	B6.10	NUT #20 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
--------	-------	-------	---	------	----

94 -MT: NO RECORDABLE INDICATIONS -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

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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
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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
001021	B-G-1	B6.10	NUT #21 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001022	B-G-1	B6.10	NUT #22 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001023	B-G-1	B6.10	NUT #23 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001024	B-G-1	B6.10	NUT #24 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001025	B-G-1	B6.10	NUT #25 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001026	B-G-1	B6.10	NUT #26 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001027	B-G-1	B6.10	NUT #27 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001028	B-G-1	B6.10	NUT #28 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001029	B-G-1	B6.10	NUT #29 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001030	B-G-1	B6.10	NUT #30 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001031	B-G-1	B6.10	NUT #31 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001032	B-G-1	B6.10	NUT #32 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001117	B-G-1	B6.30	STUD #17 CLOSURE STUD, REMOVED (48TOT)	ASME	UT MT
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001118	B-G-1	B6.30	STUD #18	ASME	UT MT

CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001119	B-G-1	B6.30	STUD #19	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001120	B-G-1	B6.30	STUD #20	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001121	B-G-1	B6.30	STUD #21	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. MT:  
INSIGNIFICANT; TWO (2) DINGS IN THREADS, 7-1/8" & 7-1/4"  
DOWN FROM TOP OF STUD. APPROXIMATELY 1/16" ROUNDED < 1/64"  
-ACCEPTABLE.

001122	B-G-1	B6.30	STUD #22	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001123	B-G-1	B6.30	STUD #23	ASME	UT MT
CLOSURE STUD, REMOVED (48TOT)					
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001124	B-G-1	B6.30	STUD #24	ASME	UT MT
CLOSURE STUD, REMOVED (48TOT)					
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001125	B-G-1	B6.30	STUD #25	ASME	UT MT
CLOSURE STUD, REMOVED (48TOT)					
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001126	B-G-1	B6.30	STUD #26	ASME	UT MT
CLOSURE STUD, REMOVED (48TOT)					
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001127	B-G-1	B6.30	STUD #27	ASME	UT MT
CLOSURE STUD, REMOVED (48TOT)					
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001128	B-G-1	B6.30	STUD #28	ASME	UT MT
CLOSURE STUD, REMOVED (48TOT)					
94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.					



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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001129	B-G-1	B6.30	STUD #29	ASME	UT MT

CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001130	B-G-1	B6.30	STUD #30	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001131	B-G-1	B6.30	STUD #31	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001132	B-G-1	B6.30	STUD #32	ASME	UT MT
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CLOSURE  
STUD, REMOVED (48TOT)

94 -MT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001206	B-G-1	B6.40	THREADS IN FLANGE STUD HOLES 16 THRU 32	ASME	UT
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94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001317	B-G-1	B6.50	WASHER #17 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001318	B-G-1	B6.50	WASHER #18 CLOSURE WASHERS (48TOT)	ASME	VT-1

94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001319	B-G-1	B6.50	WASHER #19 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001320	B-G-1	B6.50	WASHER #20 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001321	B-G-1	B6.50	WASHER #21 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001322	B-G-1	B6.50	WASHER #22 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001323	B-G-1	B6.50	WASHER #23 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001324	B-G-1	B6.50	WASHER #24 CLOSURE WASHERS (48TOT)	ASME	VT-1
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94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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## ATTACHMENT I

### CLASS 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001325	B-G-1	B6.50	WASHER #25 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001326	B-G-1	B6.50	WASHER #26 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001327	B-G-1	B6.50	WASHER #27 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001328	B-G-1	B6.50	WASHER #28 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001329	B-G-1	B6.50	WASHER #29 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001330	B-G-1	B6.50	WASHER #30 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					
001331	B-G-1	B6.50	WASHER #31 CLOSURE WASHERS (48TOT)	ASME	VT-1
94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.					

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001332	B-G-1	B6.50	WASHER #32 CLOSURE WASHERS (48TOT)	ASME	VT-1

94 -VT-1: NO RECORDABLE INDICATIONS -ACCEPTABLE.

001602	B-A	B1.40	RVP-HFW (16-32)	ASME	MT UT
			CLOSURE HEAD-TO-FLANGE CIRC WELD		

94 -MT & UT; TAKING CREDIT THIS OUTAGE, NO RECORDABLE INDICATIONS -ACCEPTABLE. 96% OF CODE REQUIRED COVERAGE ACHIEVED.

##### A2. PRESSURIZER

DRAWINGS: A-4

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
004900	B-D	B3.120	SAFNOZ #1 SAFETY NOZ #1-INS RAD SECT	ASME	UT

94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. NOTE: UT 17 DEGREE SCAN WHEN TRANSDUCER IS SKEWED FAR IN TOWARDS NOZZLE, THE INNER RADIUS IS SEEN.

005100	B-D	B3.120	SAFNOZ #2 SAFETY NOZ #2-INS RAD SECT	ASME	UT
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94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. NOTE: UT 17 DEGREE SCAN WHEN TRANSDUCER IS SKEWED FAR IN TOWARDS NOZZLE, THE INNER RADIUS GEOMETRY IS SEEN.

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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
011810	B-J	B9.12	PL-FW-XII-LT	ASME	UT PT

#### LONGITUDINAL SEAM WELD

94 -PT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. LOWER AND UPPER 12" OF INSIDE RADIUS WAS PERFORMED.

011820	B-J	B9.12	PL-FW-XII-LR	ASME	UT PT
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#### LONGITUDINAL SEAM WELD

94 -PT & UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. LOWER AND UPPER 12" OF OUTSIDE RADIUS WAS PERFORMED.

##### A4. REACTOR COOLANT SYSTEM-LOOP B

DRAWINGS: A-3E

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
012600	B-J	B9.31	PL-FW-IV/10-RC8-2501	OE	PT UT

#### 10" BRANCH WELD

94 -PT: INSIGNIFICANT; L= 8 7/8", W= 1/2", LINEAR 1/8" IN CAP. L= 28 1/2, W= 1/4, ROUND 1/16". L= 40 1/2, W= 1 1/4, ROUND 1/16". -ACCEPTABLE. UT: OTHER; NOT PERFORMED, SCHEDULE SUMMARY # 011000 FOR THE '95 OUTAGE.

##### A5. 3-IN. PRESSURIZER SPRAY LINE

DRAWINGS: A-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
019700	B-J	B9.21	M REDUCER-TO-SAFE END	ASME	PT

94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### 3-IN. PRESSURIZER SPRAY LINE (CONT.)

DRAWINGS: A-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
021200	B-J	B9.21	DSW-4 ELBOW-TO-PIPE	ASME	PT

94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

021800	B-J	B9.21	ESW-1 PIPE-TO-ELBOW	ASME	PT
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94 - 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
023100	F-A	F1.10R	CVU-69 RIGID HANGER	ASME SUCCESSIVE	VT-3

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

023300	F-A	F1.10R	CVU-70 RIGID RESTRAINT	ASME SUCCESSIVE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

025825	B-K-1	B10.10	CVU-1 (IA) INTEGRAL ATTACHMENT	OE	PT
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94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

025830	F-A	F1.10V	CVU-1 VARIABLE SPRING (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; TEMP.  
71 DEG. F., SETTING 1.4" = 231 #'S, PAINT ON SPRING CAN  
COVER -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	PT

94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE. BASELINE EXAM., SEE M94122 -ACCEPTABLE.

026700	B-J	B9.21	D VALVE (515) -TO-PIPE	OE	PT
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94 -PT: BASELINE EXAM., SEE M94122 -ACCEPTABLE.

##### A8. 4-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
028500	B-J	B9.11	M ELBOW-TO-PIPE	ASME	UT PT

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

##### A9. 4-IN. RESID HT REMOVAL TO RPV (LHSI)

DRAWINGS: A-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
038100	B-J	B9.11	F ELBOW-TO-PIPE	ASME	UT PT

94 -UT: NO RECORDABLE INDICATIONS, INSIGNIFICANT & OTHER; ID & OD GEOMETRY, UT THICKNESS AFTER SURFACE CONDITIONING, -ACCEPTABLE. PT: INSIGNIFICANT & REJECT; LINEAR INDICATIONS - NOT SERVICE INDUCED. PT AFTER SURFACE CONDITIONING -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### A10. H.P. SAFETY INJECTION LINE

DRAWINGS: A-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
040025	F-A	F1.10R	SIU-27 U-BOLT	ASME	VT-3

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

041725	F-A	F1.10R	SIU-28 RIGID HANGER	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

##### A11. 2" LETDOWN TO REGEN HTX

DRAWINGS: A-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
045800	B-J	B9.40	26 PIPE-TO-ELBOW	OE	PT

94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

045900	B-J	B9.40	27 ELBOW-TO-PIPE	ASME	PT
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94 -PT: INSIGNIFICANT; SPATTER, WELD UNPREPPED -ACCEPTABLE.

##### A12. 2" LETDOWN FROM REGEN HTX

DRAWINGS: A-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
048202	B-J	B9.40	2 PIPE-TO-TEE	ASME	PT

94 -PT; NO RECORDABLE INDICATIONS -ACCEPTABLE.



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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### 2" LETDOWN FROM REGEN HTX (CONT.)

DRAWINGS: A-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
048210	F-A	F1.10V	CVU-133 VARIABLE SPRING	OE EXPANDED	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE. TEMP. 72 DEG. F., SETTING 1 1/8" = 299#'S, BERGER PATTERSON VS1 SIZE  
5. RESOLUTION OF NCR94-021, EXPANDED EXAM FOR CVU-140 ON CLASS 2 ASME EXEMPT LINE.

048236	F-A	F1.10R	CVU-134 RIGID RESTRAINT	OE EXPANDED	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE. RESOLUTION OF NCR94-021, EXPANDED EXAM FOR CVU-140 ON CLASS 2 ASME EXEMPT LINE.

048260	F-A	F1.10R	CVU-135 RIGID RESTRAINT	OE EXPANDED	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE. RESOLUTION OF NCR94-028, EXPANDED EXAM FOR CVU-142 ON CLASS 2 ASME EXEMPT LINE.

##### A13. 2" ALTERNATE CHARGING TO LOOP A COLD LEG

DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
052525	B-K-1	B10.10	CVU-24 (IA) INTEGRAL ATTACHMENT	OE	PT

94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

052530	F-A	F1.10A	CVU-24 ANCHOR (IA)	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### A14. 2" ALTERNATE CHARGING TO LOOP A COLD LEG

DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
053300	B-J	B9.40	38	AUG	PT UT

VALVE(383A) -TO-PIPE

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

##### A15. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
055100	B-J	B9.40	11	AUG	PT UT

VALVE(393) -TO-PIPE

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

##### A16. REACTOR COOLANT PUMP A

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
057100	F-A	F1.40	EBA-1 EYEBAR	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; OIL ON EYEBAR FROM WORK ABOVE -ACCEPTABLE.

057150	F-A	F1.40	EBA-2 EYEBAR	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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#### CLASS 1 COMPONENTS (CONT.):

#### REACTOR COOLANT PUMP A (CONT.)

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
057200	FLYWHEL	RG-1.14	RCP-A FLYWHEEL, BORE & KEYWAY ID# 775	AUG	PT UT

94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. PT: INSIGNIFICANT; LINEAR PARTING LINE INDICATION TOP & BOTTOM. MACHINING CHATTER MARKS ON KEYWAYS. -ACCEPTABLE.

057205	FLYWHEL	RG-1.14	RCP-A FLYWHEEL, EXPOSE OE AREAS ID# 775		PT UT
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94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. PT: OTHER; NOT PERFORMED, NOT REQUIRED, ONLY FOR 10 YEAR EXAMINATION.

057210	FLYWHEL	RG-1.14	RCP-A ANTI-ROTATION PAWLS PAWLS (11)	AUG	PT
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94 -PT: #1-#8, #10 & #11 NO RECORDABLE INDICATIONS -ACCEPTABLE. PAUL #9, LINEAR INDICATION (0.35") IN PREVIOUSLY EXCAVATED AREA ON SHAFT SURFACE SHOULDER -REJECT. PAUL #9 REPLACED. BASELINE PERFORMED. PT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

057300	----	----	RCP-A ANCHOR BOLTS BOLTS	OE EXPANDED	UT
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94 -UT: NO RECORDABLE INDICATIONS. EXPANDED EXAMINATION OF NCR94-056. ALL BOLTS IN "A" RCP PADS (E, F & G) WERE EXAMINED. STUDS E-2 & G-1 ARE 12". REST OF STUDS ARE 23 1/2". BACKWALL AMPLITUDE OF G-1 WAS 22 DB LESS THAN E-2 -ACCEPTABLE.

057310	F-A	F1.40	LEG E SUPPORT COMPONENTS	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; CORROSION, LIGHT SURFACE RUST IN CORNER BY CROSSOVER -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### REACTOR COOLANT PUMP A (CONT.)

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
057320	F-A	F1.40	LEG F	OE	VT-3
SUPPORT COMPONENTS					

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

057330	F-A	F1.40	LEG G	OE	VT-3
SUPPORT COMPONENTS					

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

##### A17. REACTOR COOLANT PUMP B

DRAWINGS: A-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
058120	----	----	RCP-B ANCHOR BOLTS	OE	UT
BOLTS					

94 -UT: NO RECORDABLE INDICATIONS, REJECT & OTHER; ALL STUDS ARE 23 1/2" LONG EXCEPT L-4, 11 1/2". STUD N-2, INTERMITTENT INDICATION AT 19.3", BACKWALL REFLECTION AT 23.5". NON-CODE SERVICE INDUCED REJECT AT 19.3" NCR94-056 GENERATED. USE-AS-IS PER ENGINEERING, RELOOK IN '95.

##### A18. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
070300	----	----	V-392A (BOLTING)	OE	VT-1
2" COPES-VULCAN CONTROL VALVE					

94 -VT-1: STUDS & NUTS BASELINE, NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 1 COMPONENTS (CONT.):

##### A19. 2" ALTERNATE CHARGING TO LOOP A COLD LEG

DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
070400	----	----	V-392B (BOLTING) 2" COPEES-VULCAN CONTROL VALVE	OE	VT-1

94 -VT-1: STUDS & NUTS BASELINE EXAM, NO RECORDABLE INDICATIONS -ACCEPTABLE.

#### B. CLASS 2 COMPONENTS:

##### B1. 2-IN. PRESSURIZER SPRAY LINE

DRAWINGS: A-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
022400	----	----	6A ELBOW-TO-PIPE	OE	PT

94 -PT: INSIGNIFICANT; POROSITY. #1) L=8", W= 1/4" UP, ROUND 1/32" DIAMETER, 3 PORES. #2) L=10", W= 1/4" UP, ROUND 1/16" DIAMETER, 1 PORE. ALL ACCEPTABLE.

022425	----	----	CVU-64 GUIDE	OE	VT-3
--------	------	------	-----------------	----	------

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; 6 HILTI BOLTS, DRAWING INDICATES ONLY 4 - DCR GENERATED -ACCEPTABLE.

022600	----	----	CVU-66 GUIDE	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B2. 2" LETDOWN FROM REGEN HTX

DRAWINGS: A-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
048278	----	----	CVU-140 U-BOLT	OE	VT-3

94 - VT-3: REJECT; NUT MISSING ON U-BOLT, NCR 94-021  
GENERATED. NUT REPLACED UNDER WO # 19401108. VT-3: RE-EXAM;  
NO RECORDABLE INDICATIONS -ACCEPTABLE. SUPPORT ON ISI EXEMPT  
LINE. PERFORMED OWNER ELECTED EXPANSION FOR NON-CODE SERVICE  
INDUCED REJECT.

##### B3. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
054200	----	----	CVU-51 VARIABLE SPRING	OE SUCCESSIVE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE. TEMP. 74  
DEG. F., SETTING 62 #'S.

##### B4. PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
074900	C-A	C1.10	CF-2 INLET SHELL-TO-BAFFLE WELD	ASME	UT

94 -UT: NO RECORDABLE INDICATIONS -ACCEPTABLE. 83% CODE  
COVERAGE OBTAINED. RELIEF REQUEST # 22 GENERATED.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B5. SEAL WATER INJECTION FILTER B

DRAWINGS: B-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
078620	----	----	SUPPORT LEG #1 SUPPORT (IA)	OE	VT-3

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

078700	----	----	SUPPORT LEG #1 (IA) INTEGRAL ATTACHMENT	OE	PT
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94 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT; S.W. FILLET HAS A 1/8" PORE 3 1/2" FROM TOP OF FILTER & A 1/16" PORE 3 3/4" FROM TOP OF FILTER -ACCEPTABLE. N.E. FILLET WELD, NO RECORDABLE INDICATIONS -ACCEPTABLE.

##### B5. RESIDUAL HEAT REMOVAL PUMP A

DRAWINGS: B-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
078930	----	----	RHR PUMP A SHELL BOLTING  END SHELL BOLTING (20)X(1.125")X(5 3/4")	OE	VT-1 MT UT

94 -VT-1: NO RECORDABLE INDICATIONS & INSIGNIFICANT; 20 STUDS IN PLACE APPEAR TO BE CARBON STEEL AS PREVIOUSLY NOTED IN '85 -ACCEPTABLE. MT: PERFORMED WHEN REMOVED-NOT REMOVED, NOT PERFORMED. UT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

##### B7. MAIN STEAM LOOP A INSIDE CV

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
079700	F-A	F1.20S	MSU-3 MECHANICAL SNUBBER (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; VISUAL INSPECTION OF 8 LUGS WELDED TO MAIN STEAM LINE -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### MAIN STEAM LOOP A INSIDE CV (CONT.)

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
079750	C-C	C3.20	MSU-3 (IA) INTEGRAL ATTACHMENT	ASME	MT

94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

##### B8. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
080650	C-F-2	C5.52	DL1  ELBOW LONGITUDINAL WELD	ASME	UT VT-1 MT

94 -VT-1, MT & UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

082025	F-A	F1.20S	MSU-40 MECHANICAL SNUBBER (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

082030	C-C	C3.20	MSU-40 (IA) INTEGRAL ATTACHMENT	ASME	MT
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94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

##### B9. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
086825	F-A	F1.20S	MSU-16 MECHANICAL SNUBBER (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; LIGHT  
RUST & PIGEON FECES -ACCEPTABLE.



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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
086830	C-C	C3.20	MSU-16 (IA) INTEGRAL ATTACHMENT	ASME	MT

94 -MT: NO RECORDABLE INDICATIONS & INSIGNIFICANT; HEAVY RUST ON PIPE, > 90% COVERAGE OBTAINED DUE TO CLAMP -ACCEPTABLE.

086900	F-A	F1.20V	MSU-17 VARIABLE SPRING	OE SUCCESSIVE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;- PIGEON FECES, TEMP. > 250 DEG. F., SETTING 8616 #'S, -ACCEPTABLE.

087200	F-A	F1.20V	MSU-20 VARIABLE SPRING	OE SUCCESSIVE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS, INSIGNIFICANT & OTHER; DEFLECTION TAG HELD ON BY 1/16" WIRE & PIGEON FECES. LACK OF THREAD ENGAGEMENT (1/2" TO 3/4") ON LOCKING NUT. ACCEPTABLE PER '91 EXAM & NCR91-032, TEMP.>150 DEG. F., SETTING 10K LBS -ACCEPT.

087425	F-A	F1.20S	MSU-22 MECHANICAL SNUBBER (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

087430	C-C	C3.20	MSU-22 (IA) INTEGRAL ATTACHMENT	ASME	MT
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94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B10. MAIN STEAM LOOP B 6-IN. RISERS

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
090810	----	----	L3-BC-4A-BT	OE	VT-1 MT UT

#### BOLTING (<2")

94 -VT-1 & UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. MT:  
OTHER; MT TO BE PERFORMED WHEN BOLTS ARE REMOVED; BOLTING  
NOT REMOVED.

##### B11. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
091250	F-A	F1.20R	FWU-14 RIGID RESTRAINT	OE	VT-3

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

##### B12. FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
092450	F-A	F1.20S	FWU-5 HYDRAULIC SNUBBER (IA)	OE	VT-3

94 -S/N 2500-10-152, TEMP. 74 DEG. F., SETTING 2 5/8",  
HSSA-10. VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

092455	C-C	C3.20	FWU-5 (IA) INTEGRAL ATTACHMENT	ASME	MT
--------	-----	-------	-----------------------------------	------	----

94 -MT: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

#### FEEDWATER LOOP A INSIDE CV (CONT.)

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
093400	C-F-2	C5.51	DD3	ASME	RT VT-1 MT

#### PIPE-TO-ELBOW

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. RT:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; MINOR EROSION  
UPSTREAM AND DOWNSTREAM -ACCEPTABLE.

093900	C-F-2	C5.51	DD7	ASME	RT VT-1 MT
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#### PIPE-TO-ELBOW

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

#### B13. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
094800	C-F-2	C5.51	N1	ASME	RT VT-1 MT

#### ELBOW-TO-PIPE

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

#### B14. H.P. SAFETY INJECTION LINE 8B-SI-301A

DRAWINGS: B-15

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
101400	C-F-1	----	6M	OE	PT UT

#### PIPE-TO-PIPE (BA TANK 1)

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT: NO  
RECORDABLE INDICATIONS; -ACCEPTABLE. NOTE: UT LAM PERFORMED  
IN '85.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B15. 6-IN. RESID HT REMOVAL TO RPV (LHSI)

DRAWINGS: B-18

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
112900	F-A	F1.20R	RHU-21 RIGID SUPPORT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

112905	C-C	C3.20	RHU-21 (IA) INTEGRAL ATTACHMENT	ASME	PT
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94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### B16. H.P. SAFETY INJECTION LINE 8J-SI-151

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
125300	F-A	F1.20R	RHU-124 RIGID SUPPORT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

125305	C-C	C3.20	RHU-124 (IA) INTEGRAL ATTACHMENT	ASME	PT
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94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### B17. H.P. SAFETY INJECTION LINE 8H-SI-301

DRAWINGS: B-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
126200	C-F-1	----	12R (WELD 38D) TEE-TO-TEE	OE	PT UT

94 -PT & UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B18. RESIDUAL HEAT REMOVAL LINE 8FF-AC-151

DRAWINGS: B-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
126900	----	----	RHU-66 VARIABLE SPRING	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT - NO SPACER ON BOTTOM PIPE CLAMP - NOT REQUIRED BY CATALOG & MECH. ENG. LOCK NUT ON UPPER CLAMP DOES NOT REQUIRE FULL THREAD ENGAGEMENT -ACCEPTABLE. TEMP. 65 DEG. F., SETTING 3/8".

##### B19. RHR PUMP A SUCTION LINE

DRAWINGS: B-20A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
129500	----	----	RHU-73 RIGID RESTRAINT	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

129700	----	----	RHU-72 MECHANICAL SNUBBER	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; SETTING 3 1/16", TEMPERATURE 62 DEG. F., -ACCEPTABLE.

##### B20. RESIDUAL HEAT REMOVAL LINE 10C-AC-601

DRAWINGS: B-20A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
137000	C-F-1	----	1 PIPE-TO-TEE	OE	PT UT

94 -PT: NO RECORDABLE INDICATIONS -ACCEPTABLE. UT: NO RECORDABLE INDICATIONS & GEOMETRY; INDICATION 360 DEGREES IS COUNTERBORE GEOMETRY -ACCEPTABLE. OTHER: UT LAM; PERFORMED IN '85 -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

#### RESIDUAL HEAT REMOVAL LINE 10C-AC-601 (CONT.) DRAWINGS: B-20A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
137100	F-A	F1.20V	RHU-67 VARIABLE SPRING	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; TEMP. 69 DEG. F., SETTING 1.1" = 2760#'S, CHIPPED PAINT, PAINT ON SCALE. SPRING CAN ROD IS 1/4" FROM MOTOR ON VALVE 704A. PAINT REMOVED FROM ROD, NO APPARENT WEAR AT THIS TIME -ACCEPTABLE.

137800	F-A	F1.20V	RHU-68 VARIABLE SPRING (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; TEMP. 62 DEG. F., SETTING 1.1". BORON CONTAMINATION ON BASE PLATE. BORON CONTAMINATION AND SLIGHT CORROSION ON SPRING -ACCEPTABLE.

137805	C-C	C3.20	RHU-68 (IA) INTEGRAL ATTACHMENT	ASME	PT
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94 -PT: REJECT; INNER CROTCH AREA OF INTEGRAL ATTACHMENT IS NOT WELDED FOR 1", ORIGINAL CONSTRUCTION, NOT SERVICE INDUCED. NCR94-016 GENERATED. PT: RE-EXAM. WELD AT L= 4-4 1/2, AND L= 8-9 1/2, SUFFICIENT PER ENG., NO RECORDABLE INDICATIONS; -ACCEPT.

#### B21. RESIDUAL HEAT REMOVAL LINE 8E-AC-601 DRAWINGS: B-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
158400	C-F-1	----	8 ELBOW-TO-NOZZLE (RHR HTX A)	OE	PT UT

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT; NO RECORDABLE INDICATIONS & GEOMETRY; INTERMITTENT ROOT GEOMETRY -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B22. H.P. SAFETY INJECTION PUMP C SUCTION LINE

DRAWINGS: B-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
160570	C-F-1	C5.21	7	OE	PT UT

8X8X4 TEE-TO-90 ELBOW

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT: NO RECORDABLE INDICATIONS & GEOMETRY; COUNTERBORE GEOMETRY -ACCEPTABLE. AVERAGE COVERAGE OBTAINED 85%, OWNER ELECTED EXAMINATION.

160670	C-F-1	C5.21	21	OE	PT UT
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PIPE-TO-RFWN FLANGE  
(SI PUMP C IN)

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT60 SCAN NOT POSSIBLE DUE TO ADJACENT WELD BEING TOO CLOSE, AVERAGE COVERAGE ACHIEVED WAS 63% DUE TO LIMITATIONS. OWNER ELECTED EXAMINATION -ACCEPTABLE.

##### B23. 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

94 -VT-3: NO RECORDABLE INDICATIONS & REJECT; EYE ROD IS BENT 3/4" FROM NORMAL, NOT SERVICE INDUCED. NCR94-024 GENERATED. INTERIM USE AUTHORIZED. NO EVIDENCE OF CRACKING & IS EXPECTED TO CARRY DESIGN LOAD OF 154 #'S. RE-EXAM IN '95 -ACCEPTABLE.

160860	C-F-1	C5.21	31	OE	PT UT
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90 ELBOW-TO-RFWN  
FLANGE (SI PUMP A IN)

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT: NO RECORDABLE INDICATIONS & GEOMETRY; ID GEOMETRY, COUNTERBORE. AVERAGE COVERAGE OBTAINED IS 92% -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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.):

#### B24. H.P. SAFETY INJECTION LINE 3A-SI-1501

DRAWINGS: B-37

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161190	F-A	F1.20R	SIU-79 RIGID RESTRAINT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

161191	C-C	C3.20	SIU-79 (IA) INTEGRAL ATTACHMENT	ASME	PT
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94 -PT: INSIGNIFICANT; INDICATION #1, 1/16" ROUND BOTTOM  
EAST LUG, NORTH SIDE 1 1/2" FROM GUIDE. INDICATION #2, 3/32"  
ROUND BOTTOM WEST LUG, NORTH SIDE 1 1/2" FROM GUIDE.  
-ACCEPTABLE.

#### B25. H.P. SAFETY INJECTION LINE 4D-SI-1501

DRAWINGS: B-38

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161630	F-A	F1.20R	SIU-38 RIGID RESTRAINT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

161631	C-C	C3.20	SIU-38 (IA) INTEGRAL ATTACHMENT	ASME	PT
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94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### B26. H.P. SAFETY INJECTION LINE 2A-SI-1501

DRAWINGS: B-39

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
162030	C-F-1	C5.30	23 PIPE-TO-VALVE (878A)	ASME	PT

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B27. H.P. SAFETY INJECTION LINE 4E-SI-1501

DRAWINGS: B-42

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163930	C-F-1	C5.21	31	OE	PT UT
ELBOW-TO-PEN 101 (OUTCV)					

94 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
CONSTRUCTION LINE-UP LUG PORES, < 1/64" & 1/32" -ACCEPTABLE.  
UT: NO RECORDABLE INDICATIONS & GEOMETRY; INTERMITTENT ROOT  
GEOMETRY, 360 DEGREES -ACCEPTABLE. UT THICKNESS -ACCEPTABLE.

163940	C-F-1	C5.21	32	OE	PT UT
PEN(101) -TO-ELBOW (INCV)					

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT: NO  
RECORDABLE INDICATIONS & GEOMETRY; ROOT GEOMETRY  
-ACCEPTABLE.

164050	F-A	F1.20R	SIU-21 RIGID HANGER	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### B28. H.P. SAFETY INJECTION LINE 2S-SI-2501

DRAWINGS: B-44

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
164680	C-F-1	C5.30	17 PIPE-TO-ELBOW	OE	PT

94 -PT; NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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

### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B29. H.P. SAFETY INJECTION LINE 2R-SI-2501

DRAWINGS: B-45

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
165000	C-F-1	C5.30	20 VALVE 878E TO PIPE	OE	PT

94 -PT; NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### B30. RESIDUAL HEAT EXCHANGER B

DRAWINGS: B-109

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
169220	C-A	C1.20	LHLSWRHE-1B LOWER HEAD-TO-LOWER SHELL CIRC WELD	ASME	UT

94 -UT: NO RECORDABLE INDICATIONS & GEOMETRY; GREATER THAN  
90% COVERAGE OBTAINED, ROOT GEOMETRY -ACCEPTABLE.

##### B31. CONTAINMENT SPRAY PUMP A

DRAWINGS: B-46

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
172000	F-A	F1.40	SIAPSC1-B1 WELDED BASE - LINEAR TYPE SUPPORT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
CORROSION, LIGHT SURFACE RUST & WELD SPATTER - INTERMITTENT.  
NO PRINTS AVAILABLE, EVALUATION DONE "AS FOUND" -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

#### CLASS 2 COMPONENTS (CONT.):

##### B32. H.P. SAFETY INJECTION PUMP B

DRAWINGS: B-42

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
172400	F-A	F1.40	SIAPSI-3 WELDED BASE - LINEAR TYPE SUPPORT	ASME	VT-3

94 -VT-3; NO RECORDABLE INDICATIONS & INSIGNIFICANT, LIGHT SURFACE RUST - INTERMITTENT, NO DRAWINGS AVAILABLE, EVALUATION WAS DONE "AS FOUND" -ACCEPTABLE.

##### B33. SERVICE WATER LINE 8K-SW-125

DRAWINGS: B-51

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173610	C-C	C3.20	SWU-367 (IA) INTEGRAL ATTACHMENT	ASME	PT

94 -PT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

173620	F-A	F1.20R	SWU-367 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### B34. SERVICE WATER LINE 8E-SW-125

DRAWINGS: B-52B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
174840	C-F-2	----	29 TEE-TO-REDUCER	OE	PT UT

94 -PT & UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. GREATER THAN 90% CODE REQUIRED COVERAGE ACHIEVED.

175130	C-F-2	----	45 ELBOW-TO-PIPE	OE	PT UT
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94 -PT & UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. GREATER THAN 90% CODE REQUIRED COVERAGE ACHIEVED.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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2. Plant R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario, NY 14519
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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

### ATTACHMENT I

#### CLASS 2 COMPONENTS (CONT.):

##### B35. SERVICE WATER LINE 8C-SW-125

DRAWINGS: B-53

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175280	C-C	C3.20	SWU-371 (IA) INTEGRAL ATTACHMENT	ASME	MT

94 -MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

175290	F-A	F1.20R	SWU-371 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### 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
176100	----	----	AFU-216 (AFW-18) GUIDE	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### B37. 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
176480	----	----	AFU-202 (AFW-07) GUIDE (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

176481	----	----	AFU-202 (AFW-07) (IA) INTEGRAL ATTACHMENT	OE	MT
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94 -MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### C. CLASS 3 COMPONENTS:

##### C1. NON-REGENERATIVE HEAT EXCHANGER

DRAWINGS: B-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
072200	----	----	SSFWNRHX FLANGE-TO-SUPPORT SKIRT WELD - IA	OE	VT-1

94 -VT-1; NO RECORDABLE INDICATIONS & INSIGNIFICANT, LIGHT  
SURFACE RUST - ENTIRE WELD - ACCEPTABLE.

##### C2. DIESEL GENERATOR A INTAKE

DRAWINGS: C-39

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500107	D-B	D2.20	DGIN-1A (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & REJECT; ORIGINAL  
CONSTRUCTION POOR WORKMANSHIP ON BOTTOM WELDS. NCR94-054  
GENERATED. USE-AS-IS PER ENGINEERING VIA DESIGN ANALYSIS  
DA-ME-94-045 R0, -ACCEPTABLE. REJECT NOT SERVICE INDUCED.

500105	F-A	F1.30R	DGIN-1A RIGID SUPPORT (IA)	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
WORKMANSHIP ON A FEW OF THE ANGLE IRON SUPPORT TO BUILDING  
WELDS ARE POOR. SUPPORT IS IN GOOD CONDITION, -ACCEPTABLE.

##### C3. DIESEL GENERATOR B INTAKE

DRAWINGS: C-40

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500110	D-B	D2.20	DGIN-1B (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; THIS  
SUPPORT IS ACCEPTABLE FOR WORKMANSHIP AND NO INDICATIONS  
FROM SERVICE. NO DRAWING IS AVAILABLE FOR ACCEPTANCE TO  
DRAWING, -ACCEPTABLE.

# 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

#### CLASS 3 COMPONENTS (CONT.):

##### DIESEL GENERATOR B INTAKE (CONT.)

DRAWINGS: C-40

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500115	F-A	F1.30R	DGIN-1B RIGID SUPPORT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
WORKMANSHIP ON ANGLE IRON SUPPORT TO BUILDING WELDS ARE  
POOR, SUPPORT IS IN GOOD CONDITION, -ACCEPTABLE.

##### C4. COMP.COOL.PUMPS DISCH.TO COMP.COOL.HT EX

DRAWINGS: C-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500260	D-B	D2.20	CCU-86 (IA) INTEGRAL ATTACHMENT	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. BASELINE  
EXAMINATION FOR MODIFICATION UNDER EWR 5284.

500205	F-A	F1.30R	CCU-86 RIGID SUPPORT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. BASELINE  
EXAMINATION FOR MODIFICATION UNDER EWR 5284.

500230	D-B	D2.20	CCU-89 (IA) INTEGRAL ATTACHMENT	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. BASELINE  
EXAMINATION FOR MODIFICATION UNDER EWR 5284.

500235	F-A	F1.30R	CCU-89 RIGID SUPPORT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. BASELINE  
EXAMINATION FOR MODIFICATION UNDER EWR 5284.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

##### C5. COMP.COOL.HT.EXCHS.TO RESIDUAL HT.EXCHS.

DRAWINGS: C-4

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500520	D-B	D2.20	CCU-137 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; LIGHT RUST ON WELD & ATTACHMENT, -ACCEPTABLE.

500525	F-A	F1.30R	CCU-137 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; I-BEAM DENTED, APPROXIMATELY 6" LONG X 1/4" DEEP. NOT SERVICE INDUCED - CONSTRUCTION - ACCEPTABLE PER ENGINEERING.

##### 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	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

500765	F-A	F1.30R	CCU-156 RIGID SUPPORT (IA)	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

500820	D-B	D2.40	CCU-167 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; SURFACE RUST ON INTEGRAL ATTACHMENT SURFACE, -ACCEPTABLE.

500825	F-A	F1.30V	CCU-167 VARIABLE SPRING (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. TEMP. 58 DEG. F., SETTING 1 1/8", 2918 #'S.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

##### C7. AUX.COOL.IN & OUT FOR BORIC ACID EVAPOR.

DRAWINGS: C-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500960	D-B	D2.20	CCU-218 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
UNDERCUT < 1/32" DEEP - RANDOM, - ACCEPTABLE.

500965	F-A	F1.30R	CCU-218 RIGID HANGER (IA)	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### C8. AUX.COOL.WTR. FROM PEN 124,125,126 & 130

DRAWINGS: C-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501110	D-B	D2.20	CCU-228 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: REJECT; POOR WORKMANSHIP ON WELDS, ORIGINAL  
CONSTRUCTION NOT SERVICE INDUCED. NCR94-029 GENERATED.  
RE-EXAMINED AFTER REPAIRS. VT-3: NO RECORDABLE INDICATIONS  
-ACCEPTABLE.

501115	F-A	F1.30R	CCU-228 GUIDE (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### C9. SW COMP.COOL.& SP.FUEL PIT HT EXS.,DISCH

DRAWINGS: C-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501630	D-C	D3.20	SWU-161 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.



# 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

#### CLASS 3 COMPONENTS (CONT.):

SW COMP.COOL.& SP.FUEL PIT HT EXS.,DISCH (CONT.)' DRAWINGS: C-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501635	F-A	F1.30R	SWU-161 RIGID HANGER (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

C10. SVC.WTR.-TO COMP.COOL.& SP.FL.PIT HT.EXS.

DRAWINGS: C-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501900	D-C	D3.20	SWU-194 (IA) INTEGRAL ATTACHMENT	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; LIGHT  
RUST -ACCEPTABLE.

501905	F-A	F1.30R	SWU-194 RIGID HANGER (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

501910	F-A	F1.30R	SWU-195 GUIDE	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

C11. SVC.WTR.-TO A & B DIESEL GEN.WTR.COOLERS

DRAWINGS: C-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502280	D-B	D2.20	SWU-252 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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

### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

SVC.WTR.-TO A & B DIESEL GEN.WTR.COOLERS (CONT.) DRAWINGS: C-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502285	F-A	F1.30R	SWU-252 RIGID SUPPORT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

C12. SVC.WTR.-INTERMED. BLDG.16" & 20" HDRS. DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502840	D-B	D2.20	SWU-328 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; SURFACE CORROSION, -ACCEPTABLE.

502845	F-A	F1.30R	SWU-328 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

C13. SVC.WTR.-INTMD.BLDG.16"HD.TO PEN 312-320 DRAWINGS: C-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502930	D-B	D2.20	SWU-337 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

502935	F-A	F1.30R	SWU-337 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

#### C14. SVC.WTR.-PUMPS A,B,C & D DISCH.SCR.HOUSE

DRAWINGS: C-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503415	F-A	F1.30R	SWU-627 (N738) GUIDE	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
COMPONENT GAP DIMENSIONS DOES NOT CONFORM TO DRAWING. GAP IS  
ACCEPTABLE USING TOLERANCES OF ME-121 FOR GUIDES.

503425	F-A	F1.30R	SWU-628 (N739) GUIDE	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
COMPONENT GAP DIMENSIONS DOES NOT CONFORM TO DRAWING. GAP IS  
ACCEPTABLE USING TOLERANCES OF ME-121.

503450	D-B	D2.20	SWU-631 (N742) (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. ALL BASE  
ANCHORS ARE BENT, ORIGINAL CONSTRUCTION, -ACCEPTABLE PER  
FCR# 2512-1553. BASELINE EXAMINATION FOR MODIFICATION UNDER  
EWR 5284B.

503455	F-A	F1.30R	SWU-631 (N742) RIGID SUPPORT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; ALL  
BASE ANCHOR BOLTS ARE BENT, ORIGINAL CONSTRUCTION,  
-ACCEPTABLE PER FCR # 2512-1553. BASELINE EXAMINATION FOR  
MODIFICATION UNDER EWR 5284B.

503460	D-B	D2.20	SWU-632 (N743) (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. BASELINE  
EXAMINATION PERFORMED UNDER EWR 5284B.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

SVC.WTR.-PUMPS A,B,C & D DISCH.SCR.HOUSE (CONT.) DRAWINGS: C-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503465	F-A	F1.30R	SWU-632 (N743) RIGID SUPPORT (IA)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS & OTHER; HILTI BOLTS BENT DURING INITIAL INSTALLATION, NOT SERVICE INDUCED AS ACCEPTED BY FCN 2512-1570. BASELINE EXAMINATION FOR MODIFIED SUPPORT TO VALVE UNDER EWR 5248B, -ACCEPTABLE.

C15. AUX. FW PUMPS DISCH - INTERMED. BLDG. DRAWINGS: C-1F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505020	F-A	F1.30R	AFU-10 U-BOLT (NRC 50%)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505040	F-A	F1.30R	AFU-12 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505140	F-A	F1.30R	AFU-22 RIGID RESTRAINT (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505220	D-B	D2.20	AFU-99 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505225	F-A	F1.30A	AFU-99 ANCHOR (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.) DRAWINGS: C-1F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505310	D-B	D2.20	AFU-33 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505315	F-A	F1.30R	AFU-33 RIGID RESTRAINT (IA)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505350	F-A	F1.30R	AFU-37 U-BOLT (NRC 50%)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505380	F-A	F1.30R	AFU-40 RIGID RESTRAINT (NRC 50%)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505395	F-A	F1.30R	AFU-41 GUIDE (IA) (NRC 50%)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505440	F-A	F1.30V	AFU-46 VARIABLE SPRING (NRC 50%)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505530	F-A	F1.30R	AFU-55 GUIDE (NRC 50%)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
505545	F-A	F1.30R	AFU-56 GUIDE (IA) (NRC 50%)	OE	VT-3
94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

#### AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.) DRAWINGS: C-1F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505670	F-A	F1.30R	AFU-67 RIGID HANGER (NRC 50%)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505775	D-B	D2.20	AFU-78 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505780	F-A	F1.30R	AFU-78 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505820	F-A	F1.30R	AFU-91 GUIDE (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

505980	F-A	F1.30R	AFU-114 GUIDE (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### C16. STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C DRAWINGS: C-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507220	F-A	F1.30R	AFU-259 (AFW-72) U-BOLT (NRC 50%)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

507360	F-A	F1.30R	AFU-273 (AFW-86) RIGID HANGER (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & REJECT; THREADED ROD GOES THROUGH EYE & HITS TOP BOLT ON CLAMP, NOT SERVICE INDUCED. TROUBLE CARD (W/R 002486) GENERATED. VT-3 RE-EXAM; NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

#### STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C (CONT.) DRAWINGS: C-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507430	F-A	F1.30R	AFU-155 (AFW-96) GUIDE (NRC 50%)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

507460	F-A	F1.30R	AFU-151 (AFW-93) GUIDE (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

507490	F-A	F1.30R	AFU-160 (AFW-97) GUIDE (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

507540	F-A	F1.30R	AFU-192 (AFW-102) GUIDE (NRC 50%)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; DRAWING DOES NOT SHOW 1/8" SHIM TO ACHIEVE "0" CLEARANCE ON BOTTOM OF PIPE/GUIDE. ACCEPTABLE PER MECHANICAL ENGINEERING. GENERATED DCR TO DOCUMENT THE PRESENCE OF THE SHIM.

#### C17. STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D

DRAWINGS: C-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508148	F-A	F1.30R	AFU-233 (AFW-52) GUIDE (NRC 50%)	OE	VT-3

94 -VT-3; NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

#### STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D (CONT.) DRAWINGS: C-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508149	D-B	D2.20	AFU-233 (AFW-52) (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3; NO RECORDABLE INDICATIONS; -ACCEPTABLE.

508420	F-A	F1.30R	AFU-185 (AFW-109) GUIDE (NRC 50%)	OE	VT-3
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94 -VT-3; NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### C18. MOTOR DRIVEN AUX. FW PUMP SUCTION

DRAWINGS: C-33

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508630	F-A	F1.30R	SWU-287 RIGID RESTRAINT (NRC 50%)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### C19. STANDBY AUX. FW, SW SUPPLY TO SAFW PUMP C

DRAWINGS: C-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508835	F-A	F1.30R	SWU-594 (SW-126) GUIDE (NRC 50%)	OE	VT-3

94 -SHIM BLOCK SHOWN ON DRAWING NOT IN PLACE. EXISTING GAP IS ACCEPTABLE. FUNCTION OF SUPPORT VERIFIED AS ACCEPTABLE. INITIATED DCR TO DOCUMENT ABSENCE OF SHIM BLOCK. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.



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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

##### C20. SAFW PUMPS C & D SW SUCTION CROSSOVER

DRAWINGS: C-29

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508990	D-B	D2.20	SWU-517 (SW-134) (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 - VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

508993	F-A	F1.30R	SWU-517 (SW-134) GUIDE (IA)	OE	VT-3
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94 - VT-3: NO RECORDABLE INDICATIONS & OTHER; BACKING STRIPS  
INSTALLED BEHIND ANGLE IRON - NOT IDENTIFIED ON SUPPORT  
DRAWING, DCR GENERATED -ACCEPTABLE.

##### C21. MAIN STEAM LOOP B TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
509050	D-B	D2.20	MSU-67 (IA) INTEGRAL ATTACHMENT	ASME	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

509055	F-A	F1.30R	MSU-67 GUIDE (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

509110	D-B	D2.20	MSU-73 (IA) INTEGRAL ATTACHMENT	ASME	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
MODERATE CORROSION -ACCEPTABLE.

509115	F-A	F1.30R	MSU-73 RIGID RESTRAINT (IA)	OE	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### CLASS 3 COMPONENTS (CONT.):

##### C22. AUX FW PUMP A FLOW CONTROL BYPASS

DRAWINGS: C-1G

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
510030	F-A	F1.30R	AFU-59 GUIDE (NRC 50%)	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### D. CLASS O COMPONENTS:

##### D1. LETDOWN DEMIN FILTER

DRAWINGS: B-3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
074100	----	----	LHSWRCF LOWER HEAD-TO-SHELL	OE	UT

94 -UT: NO RECORDABLE INDICATIONS & GEOMETRY; ROOT GEOMETRY.  
OWNER ELECTED EXAM, 53% OF WELD EXAMINED DUE TO LIMITATIONS  
-ACCEPTABLE.

074350	----	----	FB	OE	UT VT-1 MT
--------	------	------	----	----	------------------

5/8" DIA. BOLTS

94 -VT-1 & MT: OTHER; BOLTS NOT REMOVED, NOT EXAMINED. UT:  
NO RECORDABLE INDICATIONS -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### E. HIGH ENERGY COMPONENTS:

##### E1. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200015	HE-DB	----	F1	AUG	VT-1 RT MT

#### ELBOW-TO-PIPE

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. RT:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; 10-20 SLAG @  
15-1/2" (3/16"), 80-90 POROSITY @ 80 1/4, -ACCEPTABLE.

##### E2. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200035	HE-DB	----	H1	AUG	VT-1 RT MT

#### PIPE-TO-ELBOW

94 -MT & RT: NO RECORDABLE INDICATIONS; ACCEPTABLE. VT-1: NO  
RECORDABLE INDICATIONS & INSIGNIFICANT; LINE-UP LUG GOUGES,  
L=1, W=1 1/4 DOWNSTREAM, 1/8" X 1/8" < 1/32 DEEP. L=1 1/2, W=1  
1/2 UPSTREAM, 1/16" DIA. < 1/32 DEEP -ACCEPTABLE. UT  
THICKNESS >1.15".

200040	HE-DB	----	J1	AUG	VT-1 MT RT
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#### PIPE-TO-ELBOW

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

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### HIGH ENERGY COMPONENTS (CONT.):

#### E3. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200060	HE-DB	----	U1	AUG	VT-1 MT UT

#### ELBOW-TO-PIPE

94 -VT-1, MT & UT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

200065	HE-DB	----	U2	AUG	VT-1 MT UT
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#### PIPE-TO-ELBOW

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; INDICATION #1 IS  
LESS THAN 10% DAC, NO APPARENT CHANGE SINCE LAST EXAMINATION  
-ACCEPTABLE.

#### E4. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200085	HE-DB	----	N	AUG	VT-1 MT RT

#### 3994 VALVE-TO-ELBOW

94 -VT-1 & MT: NO RECORDABLE INDICATIONS-ACCEPTABLE. RT: NO  
RECORDABLE INDICATIONS & INSIGNIFICANT; POROSITY, IUC, SLAG,  
CASTING SHRINKAGE & TUNGSTEN (SEE REPORT)-ACCEPTABLE. NOTE:  
EROSION IN BASE MATERIAL FROM 11 TO 33". MIN. THICKNESS  
.880" -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### HIGH ENERGY COMPONENTS (CONT.):

##### E5. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200155	HE-CB	----	K	AUG	VT-1 RT MT

#### PIPE-TO-VALVE 3519

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. RT:  
INSIGNIFICANT; SLAG AND POROSITY -ACCEPTABLE.

##### E6. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200215	HE-CB	----	O	AUG	VT-1 RT MT

#### PIPE-TO-VALVE 3518

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. RT:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; SLAG & POROSITY  
-ACCEPTABLE.

##### E7. MAIN STEAM TURBINE BUILDING

DRAWINGS: HE-7A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200270	HE-CB	----	B1	AUG	VT-1 UT MT

#### ELBOW-TO-PIPE

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT:  
NO RECORDABLE INDICATIONS & GEOMETRY; COUNTERBORE & LOW  
AMPLITUDE ID GEOMETRY -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### HIGH ENERGY COMPONENTS (CONT.):

##### MAIN STEAM TURBINE BUILDING

(CONT.)

DRAWINGS: HE-7A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200275	HE-CB	----	C	AUG	VT-1 UT MT RT

##### PIPE-TO-ELBOW

94 -MT: NO RECORDABLE INDICATIONS-ACCEPTABLE. VT-1: NO RECORDABLE INDICATIONS & INSIGNIFICANT; INTERMITTENT UC <1/32" 360 DEG.-ACCEPTABLE. UT: GEOMETRY & OTHER; ROOT GEOMETRY & SLAG-ACCEPTABLE. AUGMENTED RT: CONFIRMATION SLAG & NO CHANGE-ACCEPTABLE.

##### E8. FEEDWATER TURBINE BUILDING

DRAWINGS: HE-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200315	HE-CB	----	M1	AUG	VT-1 UT MT

##### PIPE-TO-ELBOW

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT: NO RECORDABLE INDICATIONS, GEOMETRY & OTHER; COUNTERBORE GEOMETRY AND ROUGH ROOT -ACCEPTABLE.

200360	HE-CB	----	H	AUG	VT-1 RT MT
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##### PIPE-TO-VALVE

94 -MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. RT: INSIGNIFICANT; SLAG, POROSITY & TUNGSTEN -ACCEPTABLE. VT-1: NO RECORDABLE INDICATIONS & INSIGNIFICANT; CLUSTER POROSITY L=7" 15 PORES <=1/64, L=19.5" 35 PORES <=1/64, ACCEPTABLE PER RT <1" IN 6" OF WELD.

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### ATTACHMENT I

#### HIGH ENERGY COMPONENTS (CONT.):

##### E9. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200445	HE-CB	----	Z1	AUG	VT-1 UT MT

#### PIPE-TO-ELBOW

94 -VT-1: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
MODERATE RUST -ACCEPTABLE. MT & UT: NO RECORDABLE  
INDICATIONS -ACCEPTABLE.

200450	HE-CB	----	Z2	AUG	VT-1 RT MT
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#### ELBOW-TO-PIPE

94 -VT-1 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. RT:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; 0-9 - POROSITY @  
3 1/4" (0.020"), 27-36 & 29 1/2 -31 3/4 ROOT OF WELD WASHED  
OUT, 36-0 - POROSITY @ 38 1/2" (0.050"), -ACCEPTABLE.

##### E10. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200565	HE-CB	----	N1	AUG	VT-1 RT MT

#### ELBOW-TO-PIPE

94 -VT-1, MT & RT: NO RECORDABLE INDICATIONS; -ACCEPTABLE.  
LIMITATIONS: NO EXAMINATIONS FROM L=42-1/2" TO L=3" DUE TO  
LUGS LOCATED WITHIN EXAMINATION AREA. GREATER THAN 90%  
COVERAGE OBTAINED -ACCEPTABLE.

200570	HE-CB	----	O	AUG	VT-1 UT MT
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#### PIPE-TO-ELBOW

94 -VT-3 & MT: NO RECORDABLE INDICATIONS; -ACCEPTABLE. UT:  
NO RECORDABLE INDICATIONS & GEOMETRY; ROOT GEOMETRY AND  
COUNTERBORE, -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### HIGH ENERGY COMPONENTS (CONT.):

##### E11. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201620	HE-CS	*F1.20V	FWU-22 VARIABLE SPRING	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE. TEMP. 72  
DEG. F., SETTINGS (BOTH) 1241 #'S, BP VS-2.

##### E12. FEEDWATER RECIRC LINE

DRAWINGS: HE-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
202320	HE-CS	*F1.20R	CD-168 (S36) RIGID HANGER	OE	VT-3

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

#### F. LEAKAGE TESTING:

##### F1. LEAKAGE EXAMINATIONS CLASS 1

DRAWINGS: NA

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

94 -VT-2: TEST ACCEPTABLE, V721 LEAKING 1 DROP/5 MIN. & V427  
HAD BODY TO BONNET LEAK. SPECIAL VT-2 TEST PERFORMED TO  
CLEAR MAINTENANCE ITEMS ON CON-O-SEAL, V535, V721 & V427, -  
TEST ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report  
1990-1999 Interval, Second Period, Third Outage (1994)

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## ATTACHMENT I

### LEAKAGE TESTING (CONT.):

#### F2. LEAKAGE EXAMINATIONS CLASS 2,3

DRAWINGS: NA

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
411200	C-H	IWC5221	MAINSTEAM OUTSIDE CONTAINMENT	ASME	VT-2

94 -VT-2: INSIGNIFICANT: V3505 & 3504A, PACKING LEAK-GLAND IS WET. V3448B, PACKING LEAK 30 DROPS/MIN, PACKING GLAND NEEDS TO BE CLEANED UP. UNION BETWEEN V3411 & LMS01 IS LEAKING-NEEDS TO BE TIGHTEN. WORK ORDERS WRITTEN -ACCEPTABLE.

411500	C-H	IWC5221	FW INSIDE CONTAINMENT	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS, V3415 HAS A BAD PACKING LEAK. V293B HAS A PACKING LEAK BUT IS OUTSIDE THE SCOPE OF THIS TEST -ACCEPTABLE.

411800	D-B	IWD5221	AUX FW "B" PUMP	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS; FUNCTIONAL TEST -ACCEPTABLE.

412000	D-B	IWD5221	STANDBY AUXILIARY FEEDWATER PUMP "C"	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS -ACCEPTABLE. NOTE: THIS EXAM ALSO COVERS SM-4658C.4.

412200	HE-LK	----	HE FEEDWATER	AUG	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS -ACCEPTABLE.

412400	C-H	IWC5221	STEAM GEN BLOWDOWN OUTSIDE CONTAINMENT	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS -ACCEPTABLE.

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### ATTACHMENT I

#### LEAKAGE TESTING (CONT.):

#### F2. LEAKAGE EXAMINATIONS CLASS 2,3

DRAWINGS: NA

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
412700	C-H	IWC5221	SAFETY INJECTION "C" PUMP OUTSIDE CONTAINMENT	ASME	VT-2

94 -VT-2: NO RECORDABLE INDICATIONS & INSIGNIFICANT; 1) BORON RESIDUE AROUND BOLTING OF V2811. 2) V1815A MISSING MOTOR OPERATOR & PIPE PLUG GREASE FITTING - REPORTED TO PLANT. 3) 1ST FLANGE OUT OF FWD PUMP SEAL-BORIC ACID RESIDUE-T/C GEN.-ACCEPTABLE.

412900	C-H	IWC5221	SAFETY INJECTION ACCUMULATOR 2 (B)	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS & INSIGNIFICANT. V835B/892B - PACKING LEAK WET-DECON. FLANGE NEXT TO V892B-DRY DECON. V865-PACKING LEAK WET. V840A/B-PACKING LEAK, VT-3 REQUIRED ON BOLTING. CHECKED ALL SMALL & LARGE BORE NOZZLES FOR CRACKING-OK.

413300	C-H	IWC5221	RHR LOW PRESSURE "B" PUMP	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS; SYSTEM INSERVICE-ACCEPTABLE. NOTE: PT-4 INVOLVES A PRESSURE TEST OF BOUNDARY PIPING TO 100 PSI (NOT REQUIRED IWC-5222 PRESSURE) TAKING CREDIT FOR SYSTEM FUNCTIONAL TEST.

413500	C-H	IWC5221	RHR PUMP "B" IN/OUT CONT.	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS, SEE REPORT FOR DETAILS. FOLLOWING ITEMS CONTAINS LEAKS, BORIC ACID RESIDUE OR ADDITIONAL VT-3; V624, PI629B, FT931A, V857B, V857C, V716, "B" RHR HX., V709D, V704B, V850A, "B" PUMP COOLER, AND V850B -ACCEPTABLE.

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### ATTACHMENT I

#### LEAKAGE TESTING (CONT.):

#### F2. LEAKAGE EXAMINATIONS CLASS 2,3

DRAWINGS: NA

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
413900	D-A	IWD5221	SERVICE WATER INSIDE CONTAINMENT	ASME	VT-2

94 -VT-2: NO RECORDABLE INDICATIONS, "B" FAN UNIT (COOLING COILS) APPEARS TO HAVE A LEAK ON THE SUPPLY AND RETURN FLANGES-INSULATION MAY NEED TO BE REMOVED FOR A BETTER LOOK-T/C GENERATED, ACCEPTABLE.

414200	D-A	IWD5221	SERVICE WATER TO AUX FW PUMP "B"	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS, FUNCTIONAL TEST -ACCEPTABLE. NOTE: SM-4658C.2 ALSO WITHIN EXAM SCOPE.

414900	C-H	IWC5221	BORIC ACID TANKS & PIPING	ASME	VT-2
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94 -VT-2: NO LEAKS LOCATED - SYSTEM INSERVICE TEST. SYSTEM HAS BEEN INSERVICE FOR GREATER THAN 4 HOURS - ACCEPTABLE.

415550	D-B	IWD5221	SPENT FUEL POOL COOLING-B	ASME	VT-2
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94 -VT-2: NO RECORDABLE INDICATIONS; INSERVICE TEST -ACCEPTABLE. RESIDUAL BORIC ACID ON 1) PACKING OF VALVES 8667A, 8667D, 8669A & 8657. 2) FLANGED AREA OF FE-8667. 3) BONNET NUTS OF VALVE 8635G.

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### ATTACHMENT I

#### G. SNUBBER PROGRAM COMPONENTS:

##### G1. STEAM GENERATOR A

DRAWINGS: A-7F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600080	SN-VT	----	SGA-7 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N 77-28073-A, TEMP. 66 DEG. F., SETTING 3' 8-1/2".  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; RESIDUAL  
OIL ON SNUBBER AND FLUID LEVEL 7/8 FULL -ACCEPTABLE.

600081	SN-FT	----	SGA-7 HYDRAULIC SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER - FAILED. NCR  
94-061 GENERATED. DISPOSITION USE-AS-IS, SNUBBER IS OPERABLE  
- ACCEPTABLE. WO # 9400481.

600090	SN-VT	----	SGA-8 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 77-28073-A, TEMP. 66 DEG. F., SETTING 3' 8-3/4".  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; RESIDUAL  
OIL ON SNUBBER - NO EVIDENCE OF LEAKAGE -ACCEPTABLE.

##### G2. 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

94 -S/N 77-28073-A, TEMP. 70 DEG. F., SETTING 3'-3 3/8",  
ANKER-HOLTH. VT-3: NO RECORDABLE INDICATIONS &  
INSIGNIFICANT; LIGHT OIL FILM ON BOTTOM OF SNUBBER, FLUID  
3/4 FULL -ACCEPTABLE.

600130	SN-VT	----	SGB-4 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 77-28073-A, TEMP. 70 DEG. F., SETTING 3'-3 5/16",  
ANKER-HOLTH. VT-3: NO RECORDABLE INDICATIONS &  
INSIGNIFICANT, LIGHT OIL FILM ON BOTTOM, FLUID 3/4 FULL  
-ACCEPTABLE.

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G3. TURBINE DRIVEN AUX. FW PUMP SUCTION

DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600200	SN-VT	----	AFU-3 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 20925, TEMP. 81 DEG. F., SETTING 2", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G4. AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1E

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600220	SN-VT	----	AFU-31 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 24452, TEMP. 87 DEG. F., SETTING 2", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

600240	SN-VT	----	AFU-34 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 16379, TEMP. 87 DEG. F., SETTING 2 15/16", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

600260	SN-VT	----	AFU-52 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 24453, TEMP. 71 DEG. F., SETTING 1 3/4", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

600261	SN-FT	----	AFU-52 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO # 19400467.

600280	SN-VT	----	AFU-75 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 20924, TEMP. 295 DEG. F., SETTING 1 3/4", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

#### AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.)

DRAWINGS: C-1E

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600300	SN-VT	----	AFU-98 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 24454, TEMP. 100 DEG. F., SETTING 1-5/8", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
600320	SN-VT	----	AFU-101 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 15751, TEMP. 180 DEG. F., SETTING 3-1/4", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
600339	SN-VT	----	AFU-103 (EAST) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 18184, TEMP. 200 DEG. F., SETTING 3", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
600340	SN-VT	----	AFU-103 (WEST) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 18185, TEMP. 200 DEG. F., SETTING 3-1/4", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
600360	SN-VT	----	AFU-109 HYDRAULIC SNUBBER	AUG	VT-3
94 -S/N 30986, TEMP. 200 DEG. F., SETTING 2-1/8" GRINELL SIZE 1.5, VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
600380	SN-VT	----	AFU-111 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 16377, TEMP. >100 DEG. F., SETTING 2-1/8", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
600400	SN-VT	----	AFU-123 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 16378, TEMP. 180 DEG. F., SETTING 1-5/8", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.)

DRAWINGS: C-1E

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600420	SN-VT	----	AFU-124 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 24451, TEMP. 180 DEG. F., SETTING 2", PSA-1. VT-3:  
NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G5. 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

94 -S/N 10182, TEMP. 70 DEG. F., SETTING 2-1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G6. AUX.COOL LINE 4S-AC6-152

DRAWINGS: B-29

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600530	SN-VT	----	CCU-43 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 11462, TEMP. 71 DEG. F., SETTING 1-1/2", PSA-1.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G7. AUX.COOL SYS.FRM.PUMP COOL OUT.TO PEN126

DRAWINGS: C-34

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600610	SN-VT	----	CCU-57 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 18194, TEMP. 68 DEG. F., SETTING 2 1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G8. AUX.COOL LINE 4T-AC6-152

DRAWINGS: B-30

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600710	SN-VT	----	CCU-71 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 18193, TEMP. 74 DEG. F., SETTING 2-5/8", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G9. 2" LETDOWN TO REGEN HTX

DRAWINGS: A-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600880	SN-VT	----	CVU-26 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 20880, TEMP. 62 DEG. F., SETTING 2", PSA-1. VT-3: NO  
RECORDABLE INDICATIONS; -ACCEPTABLE.

600881	SN-FT	----	CVU-26 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400469.

##### G10. 2" CHARGING TO REGEN HTX

DRAWINGS: A-30

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600900	SN-VT	----	CVU-46 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 38555, TEMP. 72 DEG. F., SETTING 2", PSA-1/4. VT-3:  
NO RECORDABLE INDICATIONS; -ACCEPTABLE.



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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G11. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600920	SN-VT	----	CVU-49 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 9483, TEMP. 72 DEG. F., SETTING 1-1/2", PSA-1/2.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G12. 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

94 -S/N 38556, TEMP. 74 DEG. F., SETTING 1-1/2", PSA-1/4.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G13. SEAL WATER TO RCP-B

DRAWINGS: A-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600960	SN-VT	----	CVU-103 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 24450, TEMP. 72 DEG. F., SETTING 2", PSA-1. VT-3: NO  
RECORDABLE INDICATIONS; -ACCEPTABLE.

600980	SN-VT	----	CVU-104 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 24449, TEMP. 72 DEG. F., SETTING 2", PSA-1. VT-3: NO  
RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G14. SEAL WATER RETURN FROM RCP-A

DRAWINGS: B-34

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601000	SN-VT	----	CVU-186 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 16541, TEMP. 73 DEG. F., SETTING 1-3/4", PSA-1.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G15. 2" LETDOWN LINE TO NON-REGEN HTX

DRAWINGS: B-35

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601040	SN-VT	----	CVU-345 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 9491, TEMP. 255 DEG. F., SETTING 1-1/4", PSA-1/2.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601060	SN-VT	----	CVU-351 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 9472, TEMP. 288 DEG. F., SETTING 3/4", PSA-1/2",  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G16. 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

94 -S/N 9490, TEMP. 83 DEG. F., SETTING 1", PSA-1/2. VT-3:  
NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G17. FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601100	SN-VT	----	FWU-3 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N 2500 10 153, TEMP. 74 DEG. F., SETTING 4", HSSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601101	SN-FT	----	FWU-3 HYDRAULIC SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400470.

601110	SN-VT	----	FWU-5 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 2500-10-152, TEMP. 74 DEG. F., SETTING 2 5/8",  
HSSA-10. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G18. FEEDWATER LOOP B INSIDE CV

DRAWINGS: B-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601120	SN-VT	----	FWU-8 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8033, TEMP. 70 DEG. F., SETTING 3-1/8", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601130	SN-VT	----	FWU-12 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 8034, TEMP. 78 DEG. F., SETTING 3-1/8", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G19. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601140	SN-VT	----	FWU-15 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 9358, TEMP. 260 DEG. F., SETTING 2 7/8", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601150	SN-VT	----	FWU-17 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 9392, TEMP. 260 DEG. F., SETTING 4 3/4", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601160	SN-VT	----	FWU-18 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7067, TEMP. 260 DEG. F., SETTING 4 1/8", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601170	SN-VT	----	FWU-20 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7049, TEMP. 260 DEG. F., SETTING 2 1/4", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601180	SN-VT	----	FWU-21 HYDRAULIC SNUBBER	AUG	VT-3
94 -S/N 2500-20-38, TEMP. 260 DEG. F., SETTING 3 3/4", B-P SIZE 20, FLUID LEVEL @ 50%. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601190	SN-VT	----	FWU-23 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 8630, TEMP. 260 DEG. F., SETTING 3 1/4", PSA-10. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601200	SN-VT	----	FWU-24 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 10061, TEMP. 260 DEG. F., SETTING 2 3/4", PSA-10. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### FEEDWATER LOOP A OUTSIDE CV (CONT.)

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601209	SN-VT	----	FWU-26 (EAST) MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 18179, TEMP. 260 DEG. F., SETTING 2 3/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601210	SN-VT	----	FWU-26 (WEST) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 18180, TEMP. 260 DEG. F., SETTING 2 3/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G20. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601220	SN-VT	----	FWU-32 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 7053, TEMP. 260 DEG. F., SETTING 3 1/8", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; ID TAG HAS  
A TEAR IN IT, STROKE & DESIGN LOAD CANNOT BE READ  
-ACCEPTABLE.

601230	SN-VT	----	FWU-38 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 9395, TEMP. 260 DEG. F., SETTING 3", PSA-35. VT-3:  
NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601240	SN-VT	----	FWU-39 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 9354, TEMP. 72 DEG. F., SETTING 3 1/2", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; GREASE ON  
SUPPORT END OF SNUBBER -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### FEEDWATER LOOP B OUTSIDE CV (CONT.)

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601250	SN-VT	----	FWU-40 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7066, TEMP. 266 DEG. F., SETTING 3", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601260	SN-VT	----	FWU-42 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 6159, TEMP. 260 DEG. F., SETTING 3 1/2", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601270	SN-VT	----	FWU-44 HYDRAULIC SNUBBER	AUG	VT-3
94 -S/N G43864-02-20, TEMP. 260 DEG. F., SETTING 4 1/2", HSSA-30. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; OIL LEVEL AT 3 DIVISIONS -ACCEPTABLE.					
601280	SN-VT	----	FWU-47 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7474, TEMP. 200+ DEG. F., SETTING 2.375", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; INSULATION DAMAGED, T/C WRITTEN, PIGEON FECES -ACCEPTABLE.					
601290	SN-VT	----	FWU-48 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7475, TEMP. 200+ DEG. F., SETTING 2.875", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; NO ID TAG & PIGEON FECES -ACCEPTABLE.					
601300	SN-VT	----	FWU-51 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7483, TEMP. 200 DEG. F., SETTING 2.625", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; NO ID TAD & PIGEON FECES -ACCEPTABLE.					

# 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.):

##### FEEDWATER LOOP B OUTSIDE CV (CONT.)

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601310	SN-VT	----	FWU-52 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8607, TEMP. 200+ DEG. F., SETTING 1.9375", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON  
FECES - ACCEPTABLE.

601320	SN-VT	----	FWU-54 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 7482, TEMP. 44 DEG. F., SETTING 4.25", PSA-35. VT-3:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON  
SNUBBER -ACCEPTABLE.

601330	SN-VT	----	FWU-57 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 10064, TEMP. 44 DEG. F., SETTING 2.812", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON  
FECES ON SNUBBER -ACCEPTABLE.

##### G21. MAIN STEAM LOOP A INSIDE CV

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601350	SN-VT	----	MSU-2 MECHANICAL SNUBBER	AUG	VT-3

94 -VT: REJECT; SNUBBER BODY TO EXTENSION & PROTECTIVE  
SHIELD IS LOOSE, SNUBBER CAN BE TURNED. NCR94-018 GENERATED.  
FUNCTIONAL TESTED-ACCEPTABLE. NOT SERVICE INDUCED;  
INSTALLATION PROBLEM. S/N 7087, TEMP. 73 DEG.F., SETTING 3  
5/8", PSA-35.VT-3;ACCEPT.

601351	SN-FT	----	MSU-2 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19401004.

# 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.):

##### MAIN STEAM LOOP A INSIDE CV (CONT.)

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601360	SN-VT	----	MSU-3 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 7060, TEMP. 90 DEG. F., SETTING 3 3/16", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; SNUBBER  
BODY TO EXTENSION WASHER IS LOOSE -ACCEPTABLE PER MECHANICAL  
ENGINEERING.

##### G22. MAIN STEAM LOOP B INSIDE CV

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601369	SN-VT	----	MSU-7 (TOP/WEST) MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 7051, TEMP. 66 DEG. F., SETTING 2 1/2", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601370	SN-VT	----	MSU-7 (BOTTOM/EAST) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 7047, TEMP. 66 DEG. F., SETTING 2 3/4", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601380	SN-VT	----	MSU-8 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 620968-1-30, TEMP. 90 DEG. F., SETTING 3-3/4",  
BERGEN 6" STROKE. VT-3: NO RECORDABLE INDICATIONS &  
INSIGNIFICANT; FLUID LEVEL 1-5/8 AND OIL RESIDUE ON SNUBBER  
-ACCEPTABLE.



# 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.):

#### G23. 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
94 -S/N 9400, TEMP. 44 DEG. F., SETTING 3.56", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON SNUBBER -ACCEPTABLE.					
601399	SN-VT	----	MSU-13 (EAST) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 1467, TEMP. 44 DEG. F., SETTING 3.5", PSA-100. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON SNUBBER -ACCEPTABLE.					
601400	SN-VT	----	MSU-13 (WEST) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 1464, TEMP. 44 DEG. F., SETTING 3.5", PSA-100. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON SNUBBER -ACCEPTABLE.					
601409	SN-VT	----	MSU-15 (NORTH) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7476, TEMP. >150 DEG. F., SETTING 3-3/4", PSA-35, VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601410	SN-VT	----	MSU-15 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7477, TEMP. >150 DEG. F., SETTING 4-1/8". PSA-35, VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES & BOOT SHOWS SIGNS OF TWISTING -ACCEPTABLE.					
601419	SN-VT	----	MSU-16 (NORTH) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 7481, TEMP. 44 DEG. F., SETTING 2 3/4", PSA-35. VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.					

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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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.):

#### MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601420	SN-VT	----	MSU-16 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 7480, TEMP. 40 DEG. F., SETTING 3 1/2", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS -ACCEPTABLE.

601421	SN-FT	----	MSU-16 (NORTH) MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400471.

601422	SN-FT	----	MSU-16 (SOUTH) MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400472.

601429	SN-VT	----	MSU-18 (NORTH) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 7478, TEMP. 44 DEG. F., SETTING 2.25", PSA-35. VT-3:  
NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON  
SNUBBER -ACCEPTABLE.

601430	SN-VT	----	MSU-18 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 7479, TEMP. 44 DEG. F., SETTING 2.375", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON  
FECES ON SNUBBER -ACCEPTABLE.

601439	SN-VT	----	MSU-19 (NORTH) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 9369, TEMP. 44 DEG. F., SETTING 2.437", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON  
FECES ON SNUBBER -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

#### MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601440	SN-VT	----	MSU-19 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 9372, TEMP. 44 DEG. F., SETTING 2.375", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON SNUBBER -ACCEPTABLE.					
601450	SN-VT	----	MSU-22 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N - MISSING, TEMP. 44 DEG. F., SETTING 2.125" PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; NO ID TAG, W/O 002485 GENERATED. PIGEON FECES ON SNUBBER -ACCEPTABLE.					
601460	SN-VT	----	MSU-25 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 1465, TEMP. 44 DEG. F., SETTING 1.375" PSA-100. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES ON SNUBBER -ACCEPTABLE.					
601469	SN-VT	----	MSU-26 (TOP) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 9355, TEMP. 40 DEG. F., SETTING 4.750", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; NO ID TAG, T/C GENERATED -ACCEPTABLE.					
601470	SN-VT	----	MSU-26 (BOTTOM) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 4686, TEMP. 40 DEG. F., SETTING 4.375", PSA-35. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; NO ID TAG, T/C GENERATED -ACCEPTABLE.					
601471	SN-FT	----	MSU-26 (TOP) MECHANICAL SNUBBER	AUG	FT
94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO # 19400473.					

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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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.):

#### MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601472	SN-FT	----	MSU-26 (BOTTOM) MECHANICAL SNUBBER	AUG	FT

94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO # 19400464.

601480	SN-VT	----	MSU-27 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 9398, TEMP. >150 DEG. F., SETTING 4-1/2", PSA-35, VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; PIGEON FECES -ACCEPTABLE.

601490	SN-VT	----	MSU-29 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 1469, TEMP. >350 DEG. F., SETTING 4-1/4", PSA-100. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601500	SN-VT	----	MSU-31 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 9356, TEMP. 69 DEG. F., SETTING 1 1/8", PSA-35. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601501	SN-FT	----	MSU-31 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO # 19400474.

601510	SN-VT	----	MSU-32 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 1093, TEMP. 325 DEG. F., SETTING 2-1/2", PSA-100. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

#### G24. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601520	SN-VT	----	MSU-38 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 1090, TEMP. 210 DEG. F., SETTING 1-1/2", PSA-100.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601530	SN-VT	----	MSU-39 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 1087, TEMP. 73 DEG. F., SETTING 4 3/4", PSA-100.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
MANUFACTURERS ID TAG HAS A BROKEN RIVET & RG&E TAG (MSU-39)  
IS MISSING, T/C GENERATED. -ACCEPTABLE.

601540	SN-VT	----	MSU-40 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 1080, TEMP. 72 DEG. F., SETTING 3 3/4", PSA-100.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601541	SN-FT	----	MSU-40 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400475.

601550	SN-VT	----	MSU-44 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 1468, TEMP. >350 DEG. F., SETTING 3-1/8", PSA-100.  
VT-3; INSIGNIFICANT; PAINTED OVER, PAINT SCRAPPED OFF, SCALE  
- ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

#### G25. MAIN STEAM LOOP B ATMOSPHERIC VENT

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
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601560	SN-VT	----	MSU-55 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 18195, TEMP. 64 DEG. F., SETTING 2 7/8", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601561	SN-FT	----	MSU-55 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400476.

601570	SN-VT	----	MSU-57 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 10161, TEMP. 130 DEG. F., SETTING 2 1/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### G26. MAIN STEAM LOOP A ATMOSPHERIC VENT

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
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601580	SN-VT	----	MSU-58 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 18187, TEMP. 425 DEG. F., SETTING 2", PSA-3. VT-3:  
NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601590	SN-VT	----	MSU-60 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 10107, TEMP. >200 DEG. F., SETTING 2 1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G27. MAIN STEAM LOOP B TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601600	SN-VT	----	MSU-72 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15767, TEMP. 180 DEG. F., SETTING 2-1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601610	SN-VT	----	MSU-74 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 10066, TEMP. 235 DEG. F., SETTING 3-1/4", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G28. MAIN STEAM LOOP B ATMOSPHERIC VENT

DRAWINGS: B-10

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601620	SN-VT	----	MSU-75 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8030, TEMP. 135 DEG. F. (HOT), SETTING 2", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G29. 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

94 -S/N 8576, TEMP. 180 DEG. F., SETTING 3-1/16", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601640	SN-VT	----	MSU-80 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 18181, TEMP. 180 DEG. F., SETTING 2-1/16", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

#### MAIN STEAM LOOP A TO AUX FW PUMP TURBINE (CONT.) DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601650	SN-VT	----	MSU-82 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 15768, TEMP. 180 DEG. F., SETTING 2-7/8" PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601659	SN-VT	----	MSU-84 (EAST) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 10108, TEMP. 64 DEG. F., SETTING 3 1/8", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601660	-SN-VT	----	MSU-84 (WEST) MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 10141, TEMP. 64 DEG. F., SETTING 2 3/4", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					
601661	SN-FT	----	MSU-84 (EAST) MECHANICAL SNUBBER	AUG	FT
94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO # 19400465.					
601662	SN-FT	----	MSU-84 (WEST) MECHANICAL SNUBBER	AUG	FT
94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO # 19400466.					
601670	SN-VT	----	MSU-85 MECHANICAL SNUBBER	AUG	VT-3
94 -S/N 10074, TEMP. >350 DEG. F., SETTING 3-3/8", PSA-10. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.					





# R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report  
1990-1999 Interval, Second Period, Third Outage (1994)

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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.):

#### G30. 6-IN. RESID HT REMOVAL TO RPV (LHSI)

DRAWINGS: B-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601680	SN-VT	----	RHU-8 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15775, TEMP. 62 DEG. F., SETTING 2 1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601681	SN-FT	----	RHU-8 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400477.

#### G31. RESIDUAL HEAT REMOVAL FROM LOOP A HOT LEG

DRAWINGS: A-15

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601690	SN-VT	----	RHU-30 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 7065, TEMP. 80 DEG. F., SETTING 1", PSA-35. VT-3: NO  
RECORDABLE INDICATIONS; -ACCEPTABLE.

601700	SN-VT	----	RHU-33 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 7064, TEMP. 73 DEG. F., SETTING 3-1/8", PSA-35.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

#### G32. RESIDUAL HEAT REMOVAL LINE 8B-AC-601

DRAWINGS: B-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601710	SN-VT	----	RHU-36 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15756, TEMP. 62 DEG. F., SETTING 2-1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# 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.):

##### G33. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: B-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601720	SN-VT	----	RHU-51 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15752, TEMP. 74 DEG. F., SETTING 2-3/8", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601730	SN-VT	----	RHU-53 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 15754, TEMP. 74 DEG. F., SETTING 2 3/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601731	SN-FT	----	RHU-53 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400478.

##### G34. RESIDUAL HEAT REMOVAL LINE 6D-AC-601

DRAWINGS: B-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601740	SN-VT	----	RHU-61 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15753, TEMP. 74 DEG. F., SETTING 2-1/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G35. RESIDUAL HEAT REMOVAL LINE 10E-AC-601

DRAWINGS: B-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601749	SN-VT	----	RHU-63 (NORTH) MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 16380, TEMP. 65 DEG. F., SETTING 2-15/16", PSA-1.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.



# 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.):

##### RESIDUAL HEAT REMOVAL LINE 10E-AC-601 (CONT.)

DRAWINGS: B-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601750	SN-VT	----	RHU-63 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 16375, TEMP. 65 DEG. F., SETTING 3", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G36. RESIDUAL HEAT REMOVAL LINE 10G-AC-601

DRAWINGS: B-20A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601760	SN-VT	----	RHU-69 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8629, TEMP. 62 DEG. F., SETTING 2-1/2", PSA-10. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601769	SN-VT	----	RHU-71 (NORTH) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 11466, TEMP. 65 DEG. F., SETTING 2-1/2", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601770	SN-VT	----	RHU-71 (SOUTH) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 11465, TEMP. 65 DEG. F., SETTING 2-5/8", PSA-1. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G37. RHR PUMP A SUCTION LINE

DRAWINGS: B-20A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601780	SN-VT	----	RHU-72 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8606, TEMP. 62 DEG. F., SETTING 3 1/16", PSA-10, VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# 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.):

##### G38. RESIDUAL HEAT REMOVAL LINE 10D-AC-601

DRAWINGS: B-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601790	SN-VT	----	RHU-75 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8632, TEMP. 62 DEG. F., SETTING 3-1/2", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G39. RESIDUAL HEAT REMOVAL LINE 6K-AC-151

DRAWINGS: B-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601800	SN-VT	----	RHU-92 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 16376, TEMP. 62 DEG. F., SETTING 2 1/4", PSA-1.  
VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; BORON  
CONTAMINATION & CORROSION, SCALE ON PISTON BARELY LEGIBLE,  
TC 002484 GENERATED -ACCEPTABLE.

##### G40. H.P. SAFETY INJECTION LINE FROM RWST

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601810	SN-VT	----	RHU-109 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 11463, TEMP. 71 DEG. F., SETTING 2-1/8", PSA-1.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601820	SN-VT	----	RHU-110 MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 16373, TEMP. 71 DEG. F., SETTING 2-1/8", PSA-1. VT-3:  
NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G41. H.P. SAFETY INJECTION PUMP A SUCTION LINE

DRAWINGS: B-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601830	SN-VT	----	RHU-119 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15766, TEMP. 78 DEG. F., SETTING 1 5/8", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

601831	SN-FT	----	RHU-119 MECHANICAL SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400479.

##### G42. H.P. SAFETY INJECTION LINE 8J-SI-151

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601840	SN-VT	----	RHU-123 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15765, TEMP. 83 DEG. F., SETTING 2-1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G43. H.P. SAFETY INJECTION LINE TO LOOP A COLD LEG

DRAWINGS: A-17

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601850	SN-VT	----	SIU-3 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8614, TEMP. 78 DEG. F., SETTING 3-1/4", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# 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.):

##### G44. H.P. SAFETY INJECTION LINE TO LOOP B COLD LEG

DRAWINGS: A-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601860	SN-VT	----	SIU-47 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 15346, TEMP. 72 DEG. F., SETTING 3", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G45. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: A-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601870	SN-VT	----	SIU-52 MECHANICAL SNUBBER	AUG	VT-3

94 - S/N 15348, TEMP. 70 DEG. F., SETTING 2-1/2", PSA-3. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G46. SVC.WTR.-TO A & B DIESEL GEN.WTR.COOLERS

DRAWINGS: C-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601890	SN-VT	----	SWU-254 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 12508, TEMP. 61 DEG. F., SETTING 1 1/8", PSA-1/2. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G47. SERVICE WATER LINE 8L-SW-125

DRAWINGS: B-50A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601900	SN-VT	----	SWU-308 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 8031, TEMP. 44 DEG. F., SETTING 2 7/8", PSA-10. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.



# 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.):

##### SERVICE WATER LINE 8L-SW-125 (CONT.)

DRAWINGS: B-50A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601910	SN-VT	----	SWU-309 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 10073, TEMP. 44 DEG. F., SETTING 3 1/4", PSA-10.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G48. SVC.WTR.-INTMD.BLDG.16"HD.TO PEN 312-320

DRAWINGS: C-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601920	SN-VT	----	SWU-370 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 11464, TEMP. 55 DEG. F., SETTING 2 3/16", PSA-1.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G49. 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
601930	SN-VT	----	AFU-205 (AFW-10) HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N 15403, TEMP. 63 DEG. F., SETTING 3", GRINELL SIZE 1  
1/2. FLUID LEVEL 3/4 FULL. VT-3: NO RECORDABLE INDICATIONS;  
-ACCEPTABLE.

601931	SN-FT	----	AFU-205 (AFW-10) HYDRAULIC SNUBBER	AUG SUCCESSIVE	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400463.

601940	SN-VT	----	AFU-208 (AFW-13) HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 21010, TEMP. 70 DEG. F., SETTING 2-1/16", GRINELL 1  
1/2. FLUID LEVEL 3/4 FULL. VT-3: NO RECORDABLE INDICATIONS;  
-ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

G50. 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

94 -S/N 12905, TEMP. 74 DEG. F., SETTING 2-3/8", GRINELL  
1-1/2. FLUID 7/8 FULL. VT-3: NO RECORDABLE INDICATIONS;  
-ACCEPTABLE.

601980	SN-VT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 12901, TEMP. 74 DEG. F., SETTING 3", GRINELL 1-1/2.  
FLUID 3/4 FULL. VT-3: NO RECORDABLE INDICATIONS;  
-ACCEPTABLE.

601990	SN-VT	----	AFU-225 (AFW-29) HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 12906, TEMP. 70 DEG. F., SETTING 1 9/16", GRINNEL 1  
1/2. FLUID LEVEL 3/4 FULL. VT-3: NO RECORDABLE INDICATIONS;  
-ACCEPTABLE.

601991	SN-FT	----	AFU-225 (AFW-29) HYDRAULIC SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400468.

602000	SN-VT	----	AFU-227 (AFW-31) MECHANICAL SNUBBER	AUG	VT-3
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94 -S/N 22594, TEMP. 75 DEG. F., SETTING 4-1/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

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3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

#### G51. PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD

DRAWINGS: S-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602010	SN-VT	----	N601 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N 6565, TEMP. 63 DEG. F., SETTING 3 3/4", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT; NO  
ID TAG, FLUID LEVEL 7/8 FULL. -ACCEPTABLE.

602011	SN-FT	----	N601 HYDRAULIC SNUBBER	AUG	FT
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94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19400480.

602020	SN-VT	----	N602 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 44707, TEMP. 70 DEG. F., SETTING 2 1/4", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
RESIDUAL ON RESERVOIR ELBOW & FLUID 3/4 FULL -ACCEPTABLE.

602030	SN-VT	----	N604 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 6566, TEMP. 70 DEG. F., SETTING 1 3/8", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
FLUID LEVEL 3/4 FULL -ACCEPTABLE.

602040	SN-VT	----	N605 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 6561, TEMP. 70 DEG. F., SETTING 2 1/2", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
RESIDUAL ON SNUBBER BODY & FLUID LEVEL 3/4 FULL -ACCEPTABLE.

602050	SN-VT	----	N607 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 6562, TEMP. 70 DEG. F., SETTING 3 1/2", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
FLUID LEVEL 3/4 FULL -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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3. Plant Unit 1 4. Owner Certificate of Authorization (If Req.) N/A
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### ATTACHMENT I

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G51. PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD

DRAWINGS: S-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602060	SN-VT	----	N608 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N 6563, TEMP. 70 DEG. F., SETTING 3 3/4", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
MINOR RESIDUAL ON RESERVOIR, FLUID LEVEL 5/8 FULL  
-ACCEPTABLE.

602070	SN-VT	----	N615 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 6364, TEMP. 70 DEG. F., SETTING 2 1/4", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
FLUID LEVEL 5/8 FULL -ACCEPTABLE.

602080	SN-VT	----	N616 HYDRAULIC SNUBBER	AUG	VT-3
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94 -S/N 6567, TEMP. 70 DEG. F., SETTING 2 3/8", GRINNELL  
SIZE 2. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
RESIDUAL OIL ON SNUBBER BODY & EXTENSION ROD, NO MEASURABLE  
LEAKAGE. FLUID LEVEL 3/4 FULL -ACCEPTABLE.

##### G52. POWER PRESS.RELIEF LINE

DRAWINGS: S-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602090	SN-VT	----	PS-2 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N PD87239-1244, TEMP. 70 DEG. F., SETTING 4",  
PMH-2103. VT-3: NO RECORDABLE INDICATIONS & INSIGNIFICANT;  
LIGHT OIL ON LOWER SNUBBER BODY, 1/4" GREEN & 1/16" RED  
SHOWING -ACCEPTABLE.

602100	SN-VT	----	PS-4 HYDRAULIC SNUBBER	AUG	VT-3
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94 - S/N 86144-1152, TEMP. 70 DEG. F., SETTING 1", 1/16"  
GREEN, 1/4" RED, PMH-2103. VT-3: NO RECORDABLE INDICATIONS;  
-ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G53. 3-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602110	SN-VT	----	PS-5 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N PD87239-1246, TEMP. 70 DEG. F., SETTING 2-3/4", 1/4" GREEN, 1/8" RED, PMH-2103. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

602120	SN-VT	----	PS-6 HYDRAULIC SNUBBER	AUG	VT-3
--------	-------	------	---------------------------	-----	------

94 -S/N PD87767-1239, TEMP. 70 DEG. F., SETTING 3-11/16", 1/8" GREEN, 1/4" RED, PMH-2103. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

602130	SN-VT	----	PS-8 HYDRAULIC SNUBBER	AUG	VT-3
--------	-------	------	---------------------------	-----	------

94 -S/N 86144-1159, TEMP. 70 DEG. F., SETTING 3", PMH-2103, 1/16" GREEN & 3/8" RED. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G54. POWER PRESS.RELIEF LINE

DRAWINGS: S-1A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602140	SN-VT	----	PS-9 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N PD86144-1154, TEMP. 70 DEG. F., SETTING 3-1/4", PMH-2103, 1/16" GREEN & 3/8" RED. VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

602150	SN-VT	----	PS-10 HYDRAULIC SNUBBER	AUG	VT-3
--------	-------	------	----------------------------	-----	------

94 -VT-3: REJECT; INSUFFICIENT FLUID. NCR94-027 GENERATED. FUNCTIONAL TESTED SNUBBER -ACCEPTABLE. RE-EXAMINED AFTER REINSTALLATION & FLUID FILLING. S/NPD86144-1157, TEMP. 62 DEG. F., SETTING 3 7/8", PMH-2103. VT-3: NO RECORDABLE INDICATIONS-ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### POWER PRESS. RELIEF LINE (CONT.)

DRAWINGS: S-1A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602151	SN-FT	----	PS-10 HYDRAULIC SNUBBER	AUG	FT

94 -FT: OTHER: FUNCTIONALLY TESTED SNUBBER; -ACCEPTABLE. WO  
# 19401110.

602160	SN-VT	----	PS-11 HYDRAULIC SNUBBER	AUG	VT-3
--------	-------	------	----------------------------	-----	------

94 -S/N PD86144-1156, TEMP. 70 DEG. F., SETTING 2 1/4",  
PMH-2103, 5/16" RED & 1/16" GREEN. VT-3: NO RECORDABLE  
INDICATIONS; -ACCEPTABLE.

##### G55. SEAL WATER RETURN FROM RCP-B

DRAWINGS: S-3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602200	SN-VT	----	CVU-131 MECHANICAL SNUBBER	AUG	VT-3

94 -S/N 25432, TEMP. 74 DEG. F., SETTING 2-1/2", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

602300	SN-VT	----	CVU-550 MECHANICAL SNUBBER	AUG	VT-3
--------	-------	------	-------------------------------	-----	------

94 -S/N 18190, TEMP. 74 DEG. F., SETTING 2-1/4", PSA-3.  
VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### G56. STANDBY AUX FW THRU PEN 123 TO B S/G FWHI INCV

DRAWINGS: C-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602400	SN-VT	----	AFU-209 HYDRAULIC SNUBBER	AUG	VT-3

94 -S/N 12904, TEMP. 70 DEG. F., SETTING 2-1/4", GRINELL  
1-1/2, FLUID LEVEL 5/8 FULL. VT-3: NO RECORDABLE  
INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### SNUBBER PROGRAM COMPONENTS (CONT.):

##### G57. STANDBY AUX FW THRU PEN 119 TO A S/G FWHI INCV

DRAWINGS: C-20

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

94 -S/N 12903, TEMP. 75 DEG. F., SETTING 2-1/4", GRINELL  
1-1/2, FLUID LEVEL 3/4 FULL. VT-3: NO RECORDABLE  
INDICATIONS; -ACCEPTABLE.

#### H. SEISMIC SUPPORT COMPONENTS:

##### H1. AUX FW PUMP DISCHARGE

DRAWINGS: C-1H

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700000	SS-CS	*F1.20R	AFU-130 U-BOLT & IA	AUG	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### H2. 2" LETDOWN LINE

DRAWINGS: A-23A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700170	SS-CS	*F1.20V	CVU-39 VARIABLE SPRING	AUG	VT-3

94 -VT-3: REJECT; INSUFFICIENT THREAD ENGAGEMENT, 5/8" NUT  
IS 1/8" BELOW FULL ENGAGEMENT. SUPPORT AS PAINTED, 1 1/2  
THREADS DISENGAGED. NOT SERVICE INDUCED, ORIGINAL  
CONSTRUCTION. NCR94-025 GENERATED-ITEMS REPLACED. VT-3: NO  
RECORDABLE INDICATIONS, ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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 SUPPORT COMPONENTS (CONT.):

##### H3. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700200	SS-CS	*F1.20S	FWU-39 MECHANICAL SNUBBER & IA	AUG	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. TEMP. 72 DEG. F., SETTING 3 1/2".

700300	SS-CS	*F1.20R	FWU-29 RIGID SUPPORT & IA	AUG	VT-3
--------	-------	---------	------------------------------	-----	------

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

##### H4. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700370	SS-CS	*F1.20S	FWU-21 HYDRAULIC SNUBBER & IA	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE. SETTING 3 3/4", TEMP. 260 DEG. F.

##### H5. MAINSTEAM HIGH ENERGY SYSTEM

DRAWINGS: HE-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700440	SS-CS	*F1.20A	MSU-35 ANCHOR & IA	OE	VT-3

94 -VT-3: NO RECORDABLE INDICATIONS; -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

### ATTACHMENT I

#### SEISMIC SUPPORT COMPONENTS (CONT.):

##### H6. MAINSTEAM:

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700470	SS-CS	*F1.20R	MSU-51	OE	VT-3
RIGID SUPPORT & IA					

94 -VT-3: LOOSE HOLD DOWN BOLTS ON ALL 4 CORNERS OF BASE PLATE. SHIM PLATES SHIFTED SOUTH. EAST & WEST ENDS OF BASE PLATE BENT UP BY JACK BOLTS. NCR 94-057 GENERATED. INTERIUM USE-AS-IS UNTIL 5-30-94. FINAL DISPOSITION, SERVICE INDUCED, USE-AS-IS.]

700480	SS-CS	*F1.20R	MSU-52	OE	VT-3
RIGID SUPPORT & IA					

94 -VT-3: 2 BOLTS ON SOUTH SIDE LOOSE. 1 BOLT IN SW CORNER MISSING JAM NUT. EAST & WEST ENDS OF BASE PLATE BENT UP BY JACK BOLTS. NCR 94-058 GENERATED. INTERIUM USE-AS-IS UNTIL 5-30-94. FINAL DISPOSITION, SERVICE INDUCED, USE-AS-IS -ACCEPTABLE.

700490	SS-CS	*F1.20R	MSU-53	OE	VT-3
RIGID SUPPORT & IA					
EXPANDED					

94 -VT-3: SE, SW HOLD DOWN BOLTS ARE LOOSE. SHIM PLATE BETWEEN I-BEAM & BASE PLATE ARE WORKING OUT OF THE SOUTH SIDE. BASE PLATE DEFORMED AT E. & W. ENDS, NCR 94-059 GENERATED. INTERIUM USE-AS-IS UNTIL 5-30-94. FINAL DISPOSITION, SERVICE INDUCED, OK.

700500	SS-CS	*F1.20R	MSU-54	OE	VT-3
RIGID SUPPORT & IA					
EXPANDED					

94 -VT-3: NE, SE, SW HOLD DOWN BOLTS IN BASE PLATE ARE LOOSE. 2 SHIM PLATES SHIFTED NORTH. E & W ENDS OF BASE PLATE ARE BENT UP. NCR 94-060 GENERATED. INTERIUM USE-AS-IS UNTIL 5-30-94. FINAL DISPOSITION, SERVICE INDUCED, USE-AS-IS, -ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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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 SUPPORT COMPONENTS (CONT.):

##### MAINSTEAM (CONT.)

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700510	SS-CS	*F1.20R	MSU-47 RIGID SUPPORT & IA	OE EXPANDED	VT-3

94 -VT-3: 1) BASEPLATE BOLTS SOUTH & WEST LOOSE. 2) SHIM PLATES ARE LOOSE. 3) BASE PLATE BENT UP AT EAST & WEST ENDS. NCR 94-062 GENERATED. INTERIUM USE-AS-IS GRANTED.

700520	SS-CS	*F1.20R	MSU-48 RIGID SUPPORT & IA	OE EXPANDED	VT-3
--------	-------	---------	------------------------------	----------------	------

94 -VT-3: SHIM PLATE (BOTTOM) MOVING NORTH. SHIM PLATE (TOP) MOVING SOUTH. BASE PLATE BENT UP AT EAST & WEST ENDS. REJECT; NCR 94-063 GENERATED. INTERIUM USE-AS-IS GRANTED UNTIL 5-30-94. FINAL NCR DISPOSITION - USE-AS-IS, SERVICE INDUCED- ACCEPTABLE.

700530	SS-CS	*F1.20R	MSU-49 RIGID SUPPORT & IA	OE EXPANDED	VT-3
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94 -VT-3: BASE PLATE BOLTS (SW., SE., NW., NE.) LOOSE. BASE PLATE BENT UP AT EAST & WEST ENDS. NCR 94-064 GENERATED. INTERIUM USE-AS-IS GRANTED UNTIL 5-30-94. FINAL NCR DISPOSITION, USE-AS-IS, SERVICE INDUCED, -ACCEPTABLE.

700540	SS-CS	*F1.20R	MSU-50 RIGID SUPPORT & IA	OE EXPANDED	VT-3
--------	-------	---------	------------------------------	----------------	------

94 -VT-3: ANCHOR BOLTS LOOSE, SHIM PLATES SLIDING SOUTH. BASE PLATE BENT UP AT EAST & WEST ENDS. NCR 94-065 GENERATED. INTERIUM USE-AS-IS GRANTED UNTIL 5-30-94. FINAL NCR DISPOSITION, USE-AS-IS, SERVICE INDUCED, -ACCEPTABLE.

700910	SS-CS	*F1.20R	SWU-639 U-BOLT	AUG	VT-3
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94 -VT-3: NO RECORDABLE INDICATIONS - BASELINE PER EWR 5405 - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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

#### I. STEAM GENERATOR EDDY CURRENT EXAMINATIONS:

##### II. STEAM GENERATOR A

DRAWINGS: \*

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

PREV. IDENT. DEGRAD. >  
20 %

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

800150	B-Q	B16.20	OPEN GENERATOR TUBES	ASME	ET ET
--------	-----	--------	----------------------	------	----------

20% ROTATING RANDOM  
SAMPLE

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

800200	SG-ET	----	OPEN GENERATOR TUBES	OE	ET ET
--------	-------	------	----------------------	----	----------

100% OF ALL UNSLEEVED  
TUBES

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

800350	B-Q	B16.20	SLEEVED GENERATOR TUBES	ASME	ET ET ET ET
--------	-----	--------	----------------------------	------	----------------------

20% ROT. RAN. SAM.  
EACH TYPE SLEEVE

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Second Period, Third Outage (1994)

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
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### ATTACHMENT I

#### STEAM GENERATOR EDDY CURRENT EXAMINATIONS (CONT.):

##### STEAM GENERATOR A (CONT.)

DRAWINGS: \*

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
800360 ----	----	WEAR IND. COLD LEG-2ND/3RD SP R1C10-R1C12, R2C10 & R2C12, R3C10-R3C12	OE	ET

94 -EXAMINATION SCOPE COMPLETED, NO DETECTABLE DEFECTS  
LOCATED IN INSPECTED TUBES. ATTACHED IS A LISTING OF  
RESULTS. SEE 1994 EDDY CURRENT REPORT FOR DETAILS.

##### I2. STEAM GENERATOR B

DRAWINGS: \*

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
801000 B-Q	B16.20	OPEN GENERATOR TUBES	ASME	ET ET
		PREV. IDENT. DEGRAD. > 20%		

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

801150 B-Q	B16.20	OPEN GENERATOR TUBES	ASME	ET ET
		20% ROTATING RANDOM SAMPLE		

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

801200 SG-ET	----	OPEN GENERATOR TUBES	OE	ET ET
		100% OF ALL UNSLEEVED TUBES		

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 EDDY CURRENT REPORT FOR DETAILS.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report  
1990-1999 Interval, Second Period, Third Outage (1994)

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

STEAM GENERATOR EDDY CURRENT EXAMINATIONS (CONT.):

STEAM GENERATOR B (CONT.)					DRAWINGS: *
Summary Exam	Item				NDE
Number	Categ	Number	Component	Component Type	Exam
=====	=====	=====	=====	=====	=====
801350	B-Q	B16.20	SLEEVED GENERATOR TUBES	ASME	ET ET ET ET
			20% ROT. RAN. SAM. EACH TYPE SLEEVE		

94 -EXAMINATION SCOPE COMPLETED, SEE ATTACHED INDICATIONS  
LISTINGS & 1994 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 30 June 1994  
89 East Ave., Rochester, NY 14649 Sheet 1 of (\*\*)
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 (\*) Type Code Symbol Stamp N/A  
 Name 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"

(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 30 June, 1994  
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&Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 1/27/93 to 4/18/94, 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 6/30 1994

(\*) See "ATTACHMENT II"

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



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report  
1990 - 1999 Interval, Second Period, Second Outage (1994)

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, Second Outage (1994)

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

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, Second Outage (1994)

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

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.

A. CODE REPAIRS:

1. ASME Class: 3 System: Service Water GORR No.: 94-M-001  
Line: 14A-SW0-125-1 Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986 Edition.  
Work Performed By: 3  
Name of Component: Valve 4605; Valve Stem Repair.  
Work Description/Remarks: A Repair by machining was performed on the valve stem associated with Valve 4605. This activity was controlled by WO # 19221490. Upon completion and reassembly, an ASME Section XI VT-2 leakage examination was performed and acceptable.
2. ASME Class: 3 System: Service Water GORR No.: 94-M-002  
Line: 10B-SW0-125-1 Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986 Edition.  
Work Performed By: 3  
Name of Component: MOV-4670; Pipe End Prep Weld Repair.  
Work Description/Remarks: A Weld Repair was performed on the pipe end prep downstream of Valve 4670. This activity was controlled by WO # 19221497. Construction Code examinations were performed and acceptable. The valve was replaced and reinstalled by welding. See Replacement GORR # 94-T-056 for details.



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CODE REPAIRS (Cont.):

3. ASME Class: 1 System: RCS GORR No.: 94-E-015  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986 Edition.  
Work Performed By: 5  
Name of Component: Steam Generator "A & B" (EMSO1A, EMSO1B)  
Tubes, Explosive Sleeves/Plugs.  
Work Description/Remarks: During the Eddy Current Examination of Steam Generator "A & B", a total of 247 tubes containing defects were identified and determined to be candidates for B&W bimetallic explosive sleeves or plugs. A total of 143 B&W explosive sleeves and one (1) B&W explosive plug was installed in the "A" Steam Generator. A total of 103 B&W explosive sleeves were installed in the "B" Steam Generator. The location of these defective tubes are identified within the Eddy Current "1994 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 Plug. Eddy Current Sleeve Examinations are also utilized to verify proper weld location and provides comparison to ensure weld soundness.

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CODE REPAIRS (Cont.):

4. ASME Class: 1 System: RCS GORR No.: 94-E-016  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986 Edition.  
Work Performed By: 4  
Name of Component: Steam Generator "A & B" (EMS01A, EMS01B)  
Tubes, Welded Plugs.  
Work Description/Remarks: During the Eddy Current Examination of Steam Generator "A & B", a total of 7 tubes containing defects were identified and determined to be candidates for CE welded plugs. A total of five (5) welded CE Plugs were installed in the "A" Steam Generator. A total of two (2) welded CE Plugs were installed in the "B" Steam Generator. The location of these defective tubes are identified within the Eddy Current "1994 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.
5. ASME Class: 3 System: CCW GORR No.: 94-E-005  
Line: 8B-AC6-152 Category: Code Rejectable Indication  
Construction Code: ASME Section III, 1986 Edition  
Work Performed By: 1  
Name of Component: CCU-228  
Work Description/Remarks: A Repair activity was initiated to replace applicable sections of a poor workmanship Original Construction Code Integral Attachment Weld associated with CCU-228. This activity was controlled by WO # 19401238 & NCR 94-029. Construction Code visual examination was acceptable. ASME Section XI preservice (VT-3) baseline examination was performed and acceptable.

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B. REPLACEMENTS AND MODIFICATIONS:

1. ASME Class: 3 System: Aux. Feedwater GORR No.: 94-E-001  
Line: 5A-FW7-900-1 Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986 Edition  
Work Performed By: 1  
Name of Component: FE-2009, Orifice Flange  
Work Description/Remarks: An "Approved Equivalent" Replacement activity was initiated on FE-2009 Orifice Flange. The original 1" diameter, A193 B7 Studs (8) were replaced with 1 1/4" diameter Studs of the same material. This activity was controlled by WO # 19300257 & NCR 93-228. Studs were obtained under PO# N2210902BGD. Upon reinstallation, a VT-2 Leakage Examination was performed & acceptable.
2. ASME Class: 2 System: S/G B Blowdown GORR No.: 94-E-002  
Line: 2C-MS-600-1B Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986 Edition  
Work Performed By: 1  
Name of Component: V5706, Tee & Elbow  
Code Cases: N-416  
Work Description/Remarks: An "Approved Equivalent" Replacement activity was initiated to replace Valve 5706, Tee and Elbow due to a leak found during operation. This activity was controlled by WO # 19369423 & NCR 93-250. Upon completion of this activity, Construction Code examinations were performed and acceptable. The Code Case Surface Examination for Partial Penetration Welds were also completed and acceptable. A VT-2 Leakage Examination was performed and acceptable.

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REPLACEMENTS AND MODIFICATIONS: (Cont.)

3. ASME Class: 1 System: RCS--Pressurizer GORR No.: 94-E-006  
Line: 3A-RC8-2501 Category: Corrective Action Activity  
Construction Code: B16.34 & ASME Section III, 1986  
Work Performed By: 3  
Name of Component: V-515  
Work Description/Remarks: Valve 515 was removed, items replaced and valve body end prep repaired before reinstalled by welding. Items replaced included the seats, discs and wedges. This activity was controlled by WO # 19369443 and NCR 94-044. Construction Code examinations were performed and accepted. ASME Section XI preservice baseline examinations were performed and accepted. A Hydrostatic Test and accompanying VT-2 examination was performed and acceptable.
  
4. ASME Class: 3 System: Service Water GORR No.: 94-E-007  
Line: 20F-SW0-125-1 Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986  
Work Performed By: 2  
Name of Component: VS-1 Valve Support to MOV-4616  
Work Description/Remarks: A Modification activity was initiated to add a valve support (VS-1) to MOV-4616 Yoke. This activity was controlled by EWR 5098 and SM 5098.6. Construction Code examination (VT) was performed and acceptable. In accordance with Engineerings' classification of this item being a "valve support", no ASME Section XI preservice baseline examination was applicable.



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REPLACEMENTS AND MODIFICATIONS: (Cont.)

5. ASME Class: 3 System: Service Water GORR No.: 94-E-008  
Line: 20E-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 1973 & ASME Section III, 1986  
Work Performed By: 2  
Name of Component: Slip on Flange/Blind Flange, "A" Header  
Relief Request: # 25  
Work Description/Remarks: A Modification activity was initiated to replace the welded elliptical end cap on the "A" Service Water Header with a slip-on/blind flange assembly. This activity was controlled by EWR 5405 and SM 5405.1. Construction Code NDE was performed and acceptable. Relief Request # 25 was invoked which required a Construction Code PT examination of the root & final weld. These examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
6. ASME Class: 3 System: Service Water GORR No.: 94-E-009  
Line: 20E-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 1973 & ASME Section III, 1986  
Work Performed By: 2  
Name of Component: Replaced existing 3/4" connection & valve with 2" connection & valve 4612A.  
Relief Request: # 25  
Work Description/Remarks: A Modification activity was initiated to replace the existing 3/4" connection & valve with a 2" connection & valve 4612A. This activity was controlled by EWR 5405 and SM 5405.1 per MDCN 5405-01. Construction Code NDE was performed and acceptable. Relief Request # 25 was invoked which required a Construction Code PT examination of the root & final weld. These examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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7. ASME Class: 3 System: Service Water GORR No.: 94-E-011  
Line: 20E-SW0-125-1 Category: Corrective Action Activity  
Construction Code: ASME Section III, 1986  
Work Performed By: 2  
Name of Component: Removal of FE-2927 & replacement with bolted blind flange.  
Work Description/Remarks: A Modification activity was initiated to mechanically remove the annubar assembly, associated tubing and support. These items were then replaced with a 3" bolted blind flange. This activity was controlled by EWR 5405 and SM 5405.1. Upon conclusion of this activity, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
8. ASME Class: 3 System: Service Water GORR No.: 94-E-012  
Line: 20A-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 1955 & ASME Section III, 1986  
Work Performed By: 2  
Name of Component: Studs & Nuts Replacement associated with 20" Elbow located in the Control Building.  
Work Description/Remarks: A Replacement activity was initiated to replace Studs & Nuts associated with a 20" Service Water Elbow. This activity was controlled by EWR 5405 and SM 5405.1. Upon conclusion of this mechanical replacement activity, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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REPLACEMENTS AND MODIFICATIONS: (Cont.)

9. ASME Class: 3 System: SW, AFW, SAFW GORR No.: 94-E-013  
Lines: Category: Corrective Action Activity  
Construction Code: B31.1 1973 & ASME Section III, 1986  
Work Performed By: 2'  
Name of Component: Replaced existing 3/4" & 1" drain lines with new 2" connections & valves (4342, 4343, 4358A, 9716A & 9716B)  
Relief Request: # 25  
Work Description/Remarks: A Modification activity was initiated to replace the existing 3/4" & 1" connections & valves with 2" connections & valves. This activity was controlled by EWR 4658C and SM's 4658C.1/.2/.3/.4 & .5. Construction Code NDE was performed and acceptable. Relief Request # 25 was invoked which required a Construction Code PT examinations of the root & final weld. These examinations were acceptable. ASME Section XI VT-2 Leakage Examinations were performed and acceptable.
10. ASME Class: 3 System: SAFW GORR No.: 94-E-014  
Line: 4A-FW8-152S-A Category: Corrective Action Activity  
Construction Code: ASME Section III, 1974 & 1986  
Work Performed By: 2  
Name of Component: Temporarily removed and rewelded SWU-594 Support for activity described within GORR # 94-E-013.  
Work Description/Remarks: Support SWU-594 was temporarily removed and rewelded back to the original configuration to permit installation of new drain connections associated with modification activities described in GORR # 94-E-013. Upon reinstallation, Construction Code NDE was performed and acceptable. Also, a Section XI preservice (baseline) examination was performed and accepted.

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REPLACEMENTS AND MODIFICATIONS: (Cont.)

11. ASME Class: 3 System: Service Water GORR No.: 94-E-017  
Line: 1)10C-SW0-125-1 Category: Corrective Action Activity  
2)6H-SW0-125-1  
3)18A-SW0-125-1  
4)14H-SW0-125-1

Construction Code: ASME Section III, 1986

Work Performed By: 2

Name of Component: 1) Valve 4614 Replacement (\*\*)  
2) Valve 4733 Replacement (\*\*)  
3) Valve 4735 Replacement (\*\*)  
4) Support SWU-195 Modification

Relief Request: #25 (\*\*)

Work Description/Remarks: A Modification activity was initiated to replace Valves 4614, 4733, 4735 and modify piping support SWU-195. This activity was controlled by EWR 5098 and SM's 5098.3/.4/ & .6. Construction Code NDE was performed and acceptable. Relief Request # 25 was invoked on the valve work which required that all piping 10" and larger be 100% Radiographed. All piping < 10" would require surface examinations of the root & final weld. These examinations were acceptable. ASME Section XI VT-2 Leakage Examinations were performed and acceptable for the valves. ASME Section XI VT-3 preservice (baseline) examination was performed and acceptable for SWU-195 support.

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12. ASME Class: 3 System: CCW GORR No.: 94-E-018  
Lines: 8A-AC5-152 Category: Corrective Action Activity  
10A-AC5-152  
8B-AC5-152  
10B-AC5-152  
Construction Code: B31.1 1955, B16.34, ASME Section III, 1986  
Work Performed By: 2  
Name of Component: Replaced Valves 723A & 723B, components and modified Component Supports CCU-86 & CCU-89.  
Relief Request: # 26  
Work Description/Remarks: A Modification activity was initiated to replace Valves 723A & 723B, associated components, and modifications to Supports CCU-86 & CCU-89. This activity was controlled by EWR 5284 and SM 5284.1. Construction Code NDE was performed and acceptable. Relief Request # 26 was invoked which required a Construction Code PT examinations of the root & final weld for piping <10" NPS. RT examinations would be required for NPS 10" and larger. These examinations were performed and acceptable. ASME Section XI VT-2 Leakage Examinations were performed and acceptable. Also, preservice (baseline) examinations were performed and acceptable for CCU-86 & -89.

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REPLACEMENTS AND MODIFICATIONS: (Cont.)

13. ASME Class: 3 System: Service Water GORR No.: 94-E-019  
Lines: 14A-SW0-125-1 Category: Corrective Action Activity  
14B-SW0-125-1  
Construction Code: B31.1 1955, B156.34, ASME Section III, 1986  
Work Performed By: 2  
Name of Component: Replaced Valves 4601 & 4602 and applicable components.  
Relief Request: # 25  
Work Description/Remarks: A Modification activity was initiated to replace Valves 4601 & 4602 and applicable components. This activity was controlled by EWR 5284B and SM 5284B.1. Construction Code NDE was performed and acceptable. Relief Request # 25 was invoked which required a Construction Code RT for NPS 10" and larger. These examinations were performed and acceptable. ASME Section XI VT-2 Leakage Examinations were performed and acceptable.
  
14. ASME Class: 2 System: RHR GORR No.: 94-T-001  
Line: 6K-AC-151 Category: Corrective Action Activity  
Construction Code: ASME Section III, 1974 & 1986  
Work Performed By: 1  
Name of Component: RHU-92 Snubber Support, Pin Replacement.  
Work Description/Remarks: A "Like-for-Like" Replacement activity was initiated to replace a pin in RHU-92 Snubber Support. This activity was controlled by WO # 19320641. Upon installation of the new pin, a VT-3 preservice (baseline) examination was performed and acceptable.

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15. ASME Class: 3 System: Service Water GORR No.: 94-T-002  
Line: N/A Category: Corrective Action Activity  
Construction Code: Gilbert Spec; RO-2167, B31.1 1955 & ASME  
Section III 1986.  
Work Performed By: 1  
Name of Component: Expansion Joint SSW04 & Bolting  
Replacement.  
Work Description/Remarks: A Replacement activity was initiated  
to replace an expansion Joint (SSW04) and bolting. This  
activity was controlled by WO # 19340701. Upon reinstallation,  
an ASME Section XI VT-2 examination was performed and  
acceptable.
16. ASME Class: 3 System: Service Water GORR No.: 94-T-003  
Line: N/A Category: Corrective Action Activity  
Construction Code: Gilbert Spec; RO-2204, SP 5291, & ASME  
Section III, 1986.  
Work Performed By: 1  
Name of Component: SW Pump "C" (PSW01C) Rebuilt Replacement.  
Work Description/Remarks: This Rebuilt activity consisted of  
a Pump Assembly, bolts & nuts. This activity was controlled by  
WO #'s 19340658 & 19320752. Upon reinstallation, a VT  
examination of the underwater support was performed as well as  
a flow test as documented within PT-2.7.1 .
17. ASME Class: 3 System: Spent Fuel Pool GORR No.: 94-T-004  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III, 1974  
Work Performed By: 1  
Name of Component: EAC14; Nuts & Studs Replacement on SFP Hx  
"A".  
Work Description/Remarks: A "Like-for-Like" Nuts & Studs  
Replacement was performed on the SFP Hx "A" (EAC14). This  
activity was controlled by WO # 19320678 & Maintenance  
Procedure M-110. Upon installation of the new studs & nuts, an  
ASME Section XI VT-2 Leakage Examination was performed and  
acceptable.

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18. ASME Class: 3 System: Spent Fuel Pool GORR No.: 94-T-006  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III, 77/W78 & 83/W85  
Work Performed By: 1  
Name of Component: EAC13; Nuts & Studs Replacement on SFP Hx "B".  
Work Description/Remarks: A "Like-for-Like" Nuts & Studs Replacement was performed on the SFP Hx "B" (EAC13). This activity was controlled by WO # 19320677 and 19321405. Upon installation of the new studs & nuts, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
19. ASME Class: 3 System: Spent Fuel Pool GORR No.: 94-T-007  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III, 77/W78  
Work Performed By: 1  
Name of Component: PAC07B; Nuts & Studs Replacement on "B" SFP Pump Suction Flange.  
Work Description/Remarks: A "Like-for-Like" Nuts & Studs Replacement was performed on the "B" SFP Pump (PAC07B) Suction Flange. This activity was controlled by WO # 19300469 & Maintenance Procedure M-37.134. Upon installation of the new studs & nuts, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
20. ASME Class: 2 System: CS GORR No.: 94-T-008  
Line: 2P-SI-301 Category: Corrective Action Activity  
Construction Code: B31.1 1986 & SP-5291  
Work Performed By: 1  
Name of Component: FT-930: Studs & Nuts Replacement.  
Work Description/Remarks: A Replacement activity was initiated on Studs & Nuts associated with FT-930. This activity was controlled by WO # 19301464. Upon installation of the new studs & nuts, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.



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21. ASME Class: 2 System: RHR GORR No.: 94-T-009  
Line: 6B-AC-601 Category: Corrective Action Activity  
Construction Code: B31.1, 1986  
Work Performed By: 1  
Name of Component: Valve 626; Shaft & Flange Studs/Nuts Replacement.  
Work Description/Remarks: The Flange Studs & Nuts, & the Shaft associated with Valve 626 were replaced. This activity was controlled by WO # 19221430. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
22. ASME Class: 3 System: Service Water GORR No.: 94-T-010  
Line: 6E-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4622; Stem & Disc Assembly Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the stem & disc assembly associated with Valve 4622. This activity was controlled by WO # 19320990. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
23. ASME Class: 3 System: Service Water GORR No.: 94-T-011  
Line: 8I-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.5 ('61), ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4666; Flange Valve Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the flange Valve 4666. This activity was controlled by WO # 19221524. Upon installation of the new valve, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.



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24. ASME Class: 3 System: Service Water GORR No.: 94-T-012  
Line: 6C-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4621; Replacement.  
Relief Request: # 25  
Work Description/Remarks: Corrective action was initiated to replace Valve 4621. This activity was controlled by WO # 19221482. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #25, a surface (PT) examination was performed on the root and final weld. The results of the examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
25. ASME Class: 3 System: Service Water GORR No.: 94-T-013  
Line: 14A-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4605; Wedge Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the wedge in Valve 4605. This activity was controlled by WO # 19221490. Upon installation of the new item, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
26. ASME Class: 3 System: Service Water GORR No.: 94-T-014  
Line: 14B-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4606; Wedge Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the wedge in Valve 4606. This activity was controlled by WO # 19221488. Upon installation of the new item, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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27. ASME Class: 3 System: Service Water GORR No.: 94-T-015  
Line: 16A-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4623; Wedge Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the wedge in Valve 4623. This activity was controlled by WO # 19221484. Upon installation of the new item, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
28. ASME Class: 3 System: Service Water GORR No.: 94-T-016  
Line: 8I-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4666; Flange Bolting Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the flange bolting associated with Valve 4666. This activity was controlled by WO # 19221524. Upon installation of the new item, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
29. ASME Class: 3 System: Service Water GORR No.: 94-T-017  
Line: 14A-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4605; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the body to bonnet bolting associated with Valve 4605. This activity was controlled by WO # 19221490. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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30. ASME Class: 3 System: Service Water GORR No.: 94-T-018  
Line: 14B-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4606; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the Body to Bonnet bolting associated with Valve 4606. This activity was controlled by WO # 19221488. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
31. ASME Class: 3 System: Service Water GORR No.: 94-T-019  
Line: 16A-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4623; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the Body to Bonnet bolting associated with Valve 4623. This activity was controlled by WO # 19221484. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
32. ASME Class: 3 System: Service Water GORR No.: 94-T-020  
Line: 14E-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4639; Body to Bonnet Bolting & Stem Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the Body to Bonnet bolting and Stem associated with Valve 4639. This activity was controlled by WO # 19221720. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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33. ASME Class: 3 System: Service Water GORR No.: 94-T-021  
Line: 18-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4665; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the Body to Bonnet bolting associated with Valve 4665. This activity was controlled by WO # 19221495. Upon installation of the new items, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
34. ASME Class: 3 System: Service Water GORR No.: 94-T-022  
Line: N/A Category: Corrective Action Activity  
Construction Code: Gilbert Spec; RO-2167, B31.1 1955 & ASME Section III 1986.  
Work Performed By: 1  
Name of Component: Expansion Joint SSW02, Bolting & Control Rods Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace an Expansion Joint (SSW02), Bolting & Control Rods on the Service Water "A" Pump. This activity was controlled by WO # 19340699. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
35. ASME Class: 3 System: Service Water GORR No.: 94-T-023  
Line: N/A Category: Corrective Action Activity  
Construction Code: Gilbert Spec; RO-2167, B31.1 1955 & ASME Section III 1986.  
Work Performed By: 1  
Name of Component: Expansion Joint SSW03, Bolting & Control Rods Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace an Expansion Joint (SSW03), Bolting & Control Rods on the Service Water "B" Pump. This activity was controlled by WO # 19340700. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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36. ASME Class: 3 System: "A" D/G Lube Oil GORR No.: 94-T-024  
Line: N/A (2 1/2") Category: Corrective Action Activity  
Construction Code: B31.1 1955.  
Work Performed By: 1  
Name of Component: Valve 5989; Bolted Replacement.  
Work Description/Remarks: A "Like-for-Like" Replacement  
activity was initiated to replace the bolted Valve 5989. This activity was controlled by WO # 19340484. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
37. ASME Class: 3 System: Service Water GORR No.: 94-T-025  
Line: 4C-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4671; Replacement.  
Relief Request: # 25  
Work Description/Remarks: Corrective action was initiated to  
replace Valve 4671. This activity was controlled by WO # 19320989 & TE 93-548. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #25, a surface (PT) examination was performed on the root and final weld. The results of the examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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38. ASME Class: 2 System: CCW GORR No.: 94-T-026  
Line: 4B-AC-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 750A; Replacement.  
Code Case: N-416  
Work Description/Remarks: Corrective action was initiated to replace Valve 750A. This activity was controlled by WO # 19321015 & TE 93-577. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also; as required by Code Case N-416, volumetric examination results were evaluated to ASME Section XI criteria. The results were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
39. ASME Class: 3 System: CCW GORR No.: 94-T-027  
Line: 10G-AC5-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 738A; Stem, Disc & Body/Bonnet Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem, Disc & Body to Bonnet bolting associated with valve 738A. This activity was controlled by WO # 19221444. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
40. ASME Class: 3 System: CCW GORR No.: 94-T-028  
Line: 10F-AC5-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 738B; Stem, Disc & Body/Bonnet Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem, Disc & Body to Bonnet bolting associated with valve 738B. This activity was controlled by WO # 19221442. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.





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41. ASME Class: 3 System: CCW GORR No.: 94-T-029  
Line: 8A-AC6-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 817; Replacement.  
Relief Request: # 26  
Work Description/Remarks: Corrective action was initiated to replace Valve 817. This activity was controlled by WO # 19321390 & TE 93-527. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #26, a surface (PT) examination was performed on the root and final weld. The results of the examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
  
42. ASME Class: 2 System: RHR GORR No.: 94-T-030  
Line: 10G-AC-601 Category: Corrective Action Activity  
10E-AC-601  
Construction Code: B31.1, 1955/1986.  
Work Performed By: 3  
Name of Component: Valve 850A; Stem & Disc Replacement.  
Valve 850B; Disc Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem & Disc of Valve 850A and the Discs for Valve 850B. These activities were controlled by WO # 19201737 and 19300369. Upon reinstallation, ASME Section XI VT-2 Leakage Examinations was performed and acceptable.



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43. ASME Class: 3 System: CCW GORR No.: 94-T-031  
Line: 8B-AC6-152 Category: Corrective Action Activity  
Construction Code: B31.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 816; Body to Bonnet Bolting & Clapper Hinge Studs Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace Body to Bonnet bolting & Clapper Hinge Studs associated with valve 816. These activities were controlled by WO # 19221440. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
44. ASME Class: 3 System: Service Water GORR No.: 94-T-032  
Line: 4L-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III ('86).  
Work Performed By: 1  
Name of Component: Valve 4612; Replacement.  
Relief Request: # 25  
Work Description/Remarks: Corrective action was initiated to replace Valve 4612. This activity was controlled by WO # 19321102 & TE 92-002. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #25, a surface (PT) examination was performed on the root and final weld. The results of the examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
45. ASME Class: 2 System: CVCS GORR No.: 94-T-033  
Line: 2F-CH5-2501 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 392A; Cage/Plug Assembly Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Cage/Plug Assembly associated with Valve 392A. This activity was controlled by WO # 19221464. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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46. ASME Class: 3 System: Service Water GORR No.: 94-T-034  
Line: 4E-SW0-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4672; Replacement.  
Relief Request: # 25  
Work Description/Remarks: Corrective action was initiated to replace Valve 4672. This activity was controlled by WO # 19320988 & TE 93-548. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #25, a surface (PT) examination was performed on the root and final weld. The results of the examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
47. ASME Class: 3 System: "B" D/G Lube Oil GORR No.: 94-T-035  
Line: N/A Category: Corrective Action Activity  
Construction Code: B16.5, B31.1 1955.  
Work Performed By: 1  
Name of Component: Valve 5990; Replacement.  
Work Description/Remarks: Corrective action was initiated to replace Valve 5990. This activity was controlled by WO # 19340485. Upon installation of the new valve, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
48. ASME Class: 2 System: RHR GORR No.: 94-T-036  
Line: 8A-AC-601 Category: Corrective Action Activity  
Construction Code: B31.1 1986, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 625; Flange Bolting Replacement.  
Work Description/Remarks: Corrective action was initiated to replace the flange bolting associated with Valve 625. This activity was controlled by WO # 19122266 and TSR 91-140. Upon installation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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49. ASME Class: 3 System: Service Water GORR No.: 94-T-037  
Line: 20F-SWO-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4616; Replacement.  
Relief Request: # 25  
Work Description/Remarks: Corrective action was initiated to replace Valve 4616. This activity was controlled by WO # 19221505, TSR 94-528 and Short Form EWR 10238. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #25, a volumetric (RT) examination was performed and acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
50. ASME Class: 3 System: Service Water GORR No.: 94-T-038  
Line: 14I-SWO-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4617; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Body to Bonnet Bolting associated with Valve 4617. This activity was controlled by WO # 19221479. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
51. ASME Class: 3 System: Service Water GORR No.: 94-T-039  
Line: 16E-SWO-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4610; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Body to Bonnet Bolting associated with Valve 4610. This activity was controlled by WO # 19221480. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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52. ASME Class: 3 System: CCW GORR No.: 94-T-040  
Line: 8B-AC6-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 816; Body to Bonnet Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Body to Bonnet Bolting associated with Valve 816. This activity was controlled by WO # 19221440. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
53. ASME Class: 3 System: Service Water GORR No.: 94-T-041  
Line: 14L-SWO-125-1 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 4561; Flange Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Flange Bolting associated with valve 4561. This activity was controlled by WO # 19321095. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
54. ASME Class: 2 System: CCW GORR No.: 94-T-042  
Line: 3A-AC-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 759B; Stem Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem of Valve 759B. This activity was controlled by WO # 19321388. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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55. ASME Class: 2 System: CVCS-Letdown GORR No.: 94-T-043  
Line: 2E-CH-601 Category: Corrective Action Activity  
Construction Code: B16.34, B31.1 1955.  
Work Performed By: 1  
Name of Component: Valve 203; Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace Valve 203. This activity was controlled by WO # 19440312. Upon installation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
56. ASME Class: 2 System: CVCS-Letdown GORR No.: 94-T-044  
Line: 2" Category: Corrective Action Activity  
Construction Code: B16.34, B31.1 1955.  
Work Performed By: 1  
Name of Component: Valve 209; Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace Valve 209. This activity was controlled by WO # 19440313. Upon installation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
57. ASME Class: 2 System: CCW GORR No.: 94-T-045  
Line: 3D-AC-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 749A; Stem & Body to Bonnet Bolting Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem and Body to Bonnet Bolting associated with Valve 749A. This activity was controlled by WO # 19321379. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.



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58. ASME Class: 1 System: RCS-Pressurizer GORR No.: 94-T-046  
Line: 4A-RC8-2501-A Category: Corrective Action Activity  
Construction Code: B16.34, B31.1 1955.  
Work Performed By: 1  
Name of Component: Valve 434; Replacement.  
Work Description/Remarks: A "Like for Like" Replacement activity was initiated to replace Valve 434. This activity was controlled by WO # 19440319 and NCR 94-011. Upon installation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
59. ASME Class: 1 System: RCS-Pressurizer GORR No.: 94-T-047  
Line: 4A-RC8-2501-B Category: Corrective Action Activity  
Construction Code: B16.34, B31.1 1955.  
Work Performed By: 1  
Name of Component: Valve 435; Replacement.  
Work Description/Remarks: A "Like for Like" Replacement activity was initiated to replace Valve 435. This activity was controlled by WO # 19440320 and NCR 94-011. Upon installation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
60. ASME Class: 3 System: TDAFW-P Lube Oil GORR No.: 94-T-049  
Line: 3" Category: Corrective Action Activity  
Construction Code: B31.1 1986.  
Work Performed By: 1  
Name of Component: 2" & 3" Piping Component Replacements.  
Work Description/Remarks: Corrective action was initiated to replace piping associated with the TDAFW Pump Lube Oil System. This activity was controlled by WO # 19401304 & TE 94-036. Upon installation of the new items by welding, Construction Code NDE was performed and acceptable. A Shop Hydro of the assembly was performed and acceptable. Also; upon reinstallation of the flange ends, a VT-2 Leakage Examination was performed and acceptable.

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61. ASME Class: 2 System: S/G Blowdown GORR No.: 94-T-050  
Line: 2C-MS-600-1B Category: Corrective Action Activity  
Construction Code: B16.34, B31.1 ('86), ASME Section III ('86).  
Work Performed By: 1  
Name of Component: Valve 5706; Replacement.  
Code Case: N-416  
Work Description/Remarks: Corrective action was initiated to replace Valve 5706. This activity was controlled by WO # 19401317. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also; as required by Code Case N-416, the surface examination results were evaluated to ASME Section XI criteria. The results were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
62. ASME Class: 3 System: MS/Aux. FW GORR No.: 94-T-051  
Line: 6C-MS-600-1 Category: Corrective Action Activity  
Construction Code: ASME Section III, .1977.  
Work Performed By: 3  
Name of Component: Valve 3505B; Disc, Hinge Arm & Pin Replacement.  
Work Description/Remarks: A "Like for Like" Replacement activity was initiated to replace the Disc, Hinge Arm & Pin associated with Valve 3505B. This activity was controlled by WO # 19301047. Upon installation, a Construction Code PT examination was performed on the disc after hardfacing and the results were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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63. ASME Class: 2 System: S/G Blowdown GORR No.: 94-T-052  
Line: 2.25D-BD-600-1B Category: Corrective Action Activity  
Construction Code: ASME Section III 1986.  
Work Performed By: 1 & 3  
Name of Component: Valve 5738; Stem & Inner Plug Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem and Inner Plug associated with Valve 5738. This activity was controlled by WO # 19401389. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
64. ASME Class: 2 System: S/G Blowdown GORR No.: 94-T-053  
Line: 2.25D-BD-600-1B Category: Corrective Action Activity  
Construction Code: ASME Section III 1986.  
Work Performed By: 1 & 3  
Name of Component: Valve 5737; Stem, Inner Plug & Seal Ring Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem, Inner Plug & Seal Ring associated with Valve 5737. This activity was controlled by WO # 19401389. Upon reinstallation, an ASME Section XI VT-2 leakage Examination was performed and acceptable.
65. ASME Class: 2 System: CCW GORR No.: 94-T-055  
Line: 6B-AC-152 Category: Corrective Action Activity  
Construction Code: B16.34, ASME Section III 1986.  
Work Performed By: 3  
Name of Component: Valve 814; Stem Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace the Stem associated with Valve 814. This activity was controlled by WO # 19221204. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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1990 - 1999 Interval, Second Period, Second Outage (1994)

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

REPLACEMENTS AND MODIFICATIONS: (Cont.)

66. ASME Class: 3 System: Service Water GORR No.: 94-T-056  
Line: 10B-SWO-125-1 Category: Corrective Action Activity  
Construction Code: B31.1 ('55), B16.34, ASME Section III ('86).  
Work Performed By: 3  
Name of Component: Valve 4670; Replacement.  
Relief Request: # 25  
Work Description/Remarks: Corrective action was initiated to replace Valve 4670. This activity was controlled by WO # 19221497, TE 94-524 and Short Form EWR 10231. Upon installation of the new valve by welding, Construction Code NDE was performed and acceptable. Also, as required by Relief Request #25, a surface (PT) examination was performed on the root and final weld. The examinations were acceptable. An ASME Section XI VT-2 Leakage Examination was performed and acceptable.
67. ASME Class: 2 System: Main Steam GORR No.: 94-T-057  
Line: 30A-MS-600-1A Category: Corrective Action Activity  
Construction Code: ASME Section III 1974 & 1986.  
Work Performed By: 1  
Name of Component: MSU-2: Snubber Support Replacement.  
Work Description/Remarks: A "Like for Like" Replacement activity was initiated to replace Snubber Support MSU-2. This activity was controlled by WO # 19401004 and NCR 94-018. Upon reinstallation, a VT-3 Baseline examination was performed and acceptable.

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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

REPLACEMENTS AND MODIFICATIONS: (Cont.)

68. ASME Class: 2 System: Steam Generator GORR No.: 94-T-058  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III 1965.  
Work Performed By: 1  
Name of Component: "B" S/G, #4 & #6 Wedge Port Cover Studs & Nuts Replacement.  
Work Description/Remarks: A "Like for Like" Replacement activity was initiated to replace Studs and Nuts associated with S/G "B", #4 and #6 Wedge Port Covers. This activity was controlled by Procedures GMS-43-20 and GMS-43-21. Construction Code and augmented NDE were performed on the nuts and studs and acceptable. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
69. ASME Class: 1 System: RCS GORR No.: 94-T-059  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME Section III 1965.  
Work Performed By: 1  
Name of Component: Pressurizer Manway #10 & #16 Bolting Replacement.  
Work Description/Remarks: A "Like for Like" Replacement activity was initiated to replace Bolting associated with the Pressurizer Manway #10 & #16. This activity was controlled by M-47.1 Procedure. Construction Code and augmented NDE were performed on the bolting and acceptable. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.

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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

REPLACEMENTS AND MODIFICATIONS: (Cont.)

70. ASME Class: 1 System: CVCS-Letdown GORR No.: 94-T-060  
Line: 2" Category: Corrective Action Activity  
Construction Code: Westinghouse Spec.; 676270, ASME Section III 1986.  
Work Performed By: 1  
Name of Component: Valve 427; Body to Bonnet Studs & Nuts Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace Body to Bonnet Studs & Nuts associated with Valve 427. This activity was controlled by WO # 19401577. Upon reinstallation, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
71. ASME Class: 1 System: S/G "A" GORR No.: 94-T-061  
Line: N/A Category: Corrective Action Activity  
Construction Code: Spec; SP-5378, ASME Section III 1986.  
Work Performed By: 1  
Name of Component: SGA-7: Snubber Support Replacement.  
Work Description/Remarks: A Replacement activity was initiated to replace Snubber Support SGA-7. This activity was controlled by WO # 19400481 and NCR 94-061. Upon reinstallation, a VT-3 Baseline (Preservice) Examination was performed and acceptable.

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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 1994 Outage.

A total of 115 items were examined. The breakdown of this total is as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	55
Elbows	24
Reducers	12
Tees	18
<u>Heater Shells</u>	<u>6</u>
<u>Total</u>	<u>115</u>

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.

DWG.  
NO.

SYSTEMS

M-2	5 A/B F.W. HEATERS TO F.W. HEADER
M-5	HEATERS 4A/B TO FEEDWATER SUCTION
M-6	FEEDWATER SUCTION TO PUMPS A/B
M-7B	CONDENSATE PUMP & HEATER DRAIN TANK DISCHARGE TO FEEDWATER SUCTION
M-21	STEAM EXTRACTION TO PRESEP. TANK B & 4B LP. HEATER
M-22	STEAM EXTRACTION TO PRESEP. TANK A & 4A LP. HEATER
M-45	PRESEPARATOR A/B TO HEATER DRAIN TANK AND CONDENSER
M-46B	PRESEPARATOR A/B TO HEATER DRAIN TANK
M-75	STEAM EXTRACTION TO 5A & 5B HEATERS
M-81	FEEDWATER DISCHARGE (TURBINE BLDG)

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ATTACHMENT III

Systems of Examined Components: (Cont.)

<u>DWG.</u> <u>NO.</u>	<u>SYSTEMS</u>
M-82	FEEDWATER DISCHARGE (INTERMEDIATE BLDG)
M-83	FEEDWATER DISCHARGE (INTERMEDIATE BLDG AND FACADE)
M-84	FEEDWATER TO S/G 1A
M-89A	S.G. 1A BLOWDOWN LINE (INSIDE CONT.)
M-89B	S.G. 1B BLOWDOWN LINE (INSIDE CONT.)
M-92	MAIN FEEDWATER PUMP RECIRC
M-105	HEATING STEAM
*S-57	* GLAND STEAM FROM HP TURBINE THROUGH LGS 05 & LGS 08
----	RHR SYSTEM NEAR VALVES 624 & 625
----	4A and 4B LOW PRESSURE HEATER SHELL

(Note: \* = Not a Controlled Drawing.)

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-2	5 A/B F.W. HEATERS TO F.W. HEADER
	Components Examined: Results: % of Nominal
	1 Tee 1 >88%
M-5	HEATERS 4A/B TO FEEDWATER SUCTION
	Components Examined: Results: % of Nominal
	1 Elbow 5 >88%
	3 Pipes 2 88-82%
	3 Tees



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System Component Result Summaries: (Cont.)

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>
M-6	FEEDWATER SUCTION TO PUMPS A/B Components Examined: Results: % of Nominal 1 Tee 2 >88% 1 Pipe
M-7B	CONDENSATE PUMP & HEATER DRAIN TANK DISCHARGE TO FEEDWATER SUCTION Components Examined: Results: % of Nominal 4 Pipes 5 >88% 2 Tees 1 88-82%
M-21	STEAM EXTRACTION TO PRESEP. TANK B & 4B LP. HEATER Components Examined: Results: % of Nominal 1 Elbow 5 >88% 3 Pipes 1 Tee
M-22	STEAM EXTRACTION TO PRESEP. TANK A & 4A LP. HEATER Components Examined: Results: % of Nominal 2 Elbows 6 >88% 3 Pipes 1 Tee
M-45	PRESEPARATOR A/B TO HEATER DRAIN TANK AND CONDENSER Components Examined: Results: % of Nominal 1 Pipe 1 >88% 1 Reducer 1 76-70%
M-46B	PRESEPARATOR A/B TO HEATER DRAIN TANK Components Examined: Results: % of Nominal 1 Pipe 1 70-65% 1 Tee 1 <65%
M-75	STEAM EXTRACTION TO 5A & 5B HEATERS Components Examined: Results: % of Nominal 1 Elbow 6 >88% 7 Pipes 2 88-82% 1 Reducer 1 82-76% 2 Tees 2 <65%

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System Component Result Summaries: (Cont.)

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>		
M-81	FEEDWATER DISCHARGE (TURBINE BLDG)		
	Components Examined:	Results: % of Nominal	
	2 Reducers	1 88-82%	
		1 <65%	
M-82	FEEDWATER DISCHARGE (INTERMEDIATE BLDG)		
	Components Examined:	Results: % of Nominal	
	2 Elbows	3 >88%	
	1 Pipe		
M-83	FEEDWATER DISCHARGE (INTERMEDIATE BLDG AND FACADE)		
	Components Examined:	Results: % of Nominal	
	1 Pipe	1 >88%	
M-84	FEEDWATER TO S/G 1A		
	Components Examined:	Results: % of Nominal	
	2 Elbows	3 >88%	
	1 Pipe	1 76-70%	
	1 Reducer		
M-89A	S.G. 1A BLOWDOWN LINE (INSIDE CONT.)		
	Components Examined:	Results: % of Nominal	
	2 Elbows	7 >88%	
	4 Pipes		
	1 Tee		
M-89B	S.G. 1B BLOWDOWN LINE (INSIDE CONT.)		
	Components Examined:	Results: % of Nominal	
	2 Elbows	9 >88%	
	6 Pipes		
	1 Tee		
M-92	MAIN FEEDWATER PUMP RECIRC		
	Components Examined:	Results: % of Nominal	
	4 Elbows	11 >88%	
	4 Pipes	1 88-82%	
	3 Reducers		
	1 Tee		

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System Component Result Summaries: (Cont.)

DWG.  
NO.

SYSTEM

M-105 HEATING STEAM

Components Examined:	Results: % of Nominal
1 Elbow	3 >88%
3 Pipes	1 88-82%
2 Reducers	1 76-70%
	1 <65%

S-57 GLAND STEAM FROM HP TURBINE THROUGH LGS 05 & LGS 08

Components Examined:	Results: % of Nominal
4 Elbows	13 >88%
8 Pipes	
1 Tee	

----- RHR SYSTEM NEAT VALVES 624 & 625

Components Examined:	Results: % of Nominal
2 Elbows	10 >88%
4 Pipes	
2 Reducers	
2 Tees	

----- 4A and 4B LOW PRESSURE HEATERS

Components Examined:	Results: % of Nominal
2 L.P. Heaters	5 >88%
(6 areas)	1 82-76%

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	S = Heater Shell	

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ATTACHMENT III

Component Result Details: (Cont.)

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
201340	34	T	1.281	0.500	1.003, 0.438	1.298	>88	UT

Drawing No. M-5      System: HEATERS 4A & 4B TO FEEDWATER SUCTION

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
205110	11	T	0.375	0.375	0.253, 0.218	0.525	>88	UT
205120	12	P	0.375		0.248	0.316	98-82	UT
205230	23	T	0.375	0.375	0.253, 0.218	0.535	>88	UT
205270	27	T	0.375		0.252	0.449	>88	UT
205280	28	P	0.375		0.249	0.322	88-82	UT
205330	33	E	0.375		0.252	0.415	>88	UT
205340	34	P	0.375		0.248	0.355	>88	UT

Drawing No. M-6      System: FEEDWATER SUCTION TO PUMPS A & B

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
206240	24	T	0.375		0.252	0.498	>88	UT
206250	25	P	0.375		0.249	0.346	>88	UT

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ATTACHMENT III

Component Result Details: (Cont.)

Drawing No. M-7B System: CONDENSATE PUMP DISCHARGE TO FW SUCTION

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
208650	65	T	0.322		0.196	0.400	>88	UT
208660	66	P	0.322		0.182	0.322	88-82	UT
208680	68	P	0.322		0.177	0.296	>88	UT
208700	70	T	0.322		0.196	0.367	>88	UT
208710	71	P	0.322		0.182	0.306	>88	UT
208730	73	P	0.322		0.177	0.298	>88	UT

Drawing No. M-21 System: STEAM EXTRACTION TO PRESEP. B & 4B LP.HEATER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
301340	32	P	0.375		0.328	0.357	>88	UT
301350	33	T	0.375		0.328	0.523	>88	UT
301360	34	P	0.375		0.328	0.333	>88	UT
301370	35	E	0.375		0.328	0.405	>88	UT
301380	36	P	0.375		0.328	0.373	>88	UT

Drawing No. M-22 System: STEAM EXTRACTION TO PRESEP. A & 4A LP.HEATER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
302050	32	E	0.375		0.328	0.444	>88	UT
302060	32A	P	0.375		0.328	0.338	>88	UT
302070	33	T	0.375		0.328	0.565	>88	UT
302080	34	P	0.375		0.328	0.329	>88	UT

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Component Result Details: (Cont.)

Drawing No. M-22 (Cont.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
302090	35	E	0.375		0.328	0.436	>88	UT
302100	36	P	0.375		0.328	0.358	>88	UT

Drawing No. M-45 System: PRESEP DRN TNKS A&B TO HTR DRN TNK & COND.

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
298520	52	P	0.432		0.185	0.307	76-70	UT
298525	52A	R	0.432	0.300	0.232, 0.179	0.337	>88	UT

Drawing No. M-46B System: PRESEPARATOR A&B DRAIN TO HEATER DRAIN TANK

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
328080	08	P	0.432		0.168	0.232	<65	UT
328090	09	T	0.562		0.231	0.283	70-65	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
303010	01	P	0.375		0.218	0.377	>88	UT
303015	1A	R	0.365	0.375	0.210, 0.228	0.376	>88	UT
303020	02	T	0.375		0.231	0.309	88-82	UT
303030	03	P	0.375		0.225	0.358	>88	UT

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ATTACHMENT III

Component Result Details: (Cont.)

Drawing No. M-75 (Cont.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
303040	04	T	0.375		0.194	0.349	>88	UT
303055	05A	P	0.375		0.218	0.304	82-76	UT
303065	06A	P	0.375		0.188	0.175	<65	UT
303195	19A	P	0.375		0.225	0.323	88-82	UT
303205	20A	P	0.375		0.225	0.213	<65	UT
303240	24	E	0.375		0.239	0.346	>88	UT
303250	25	P	0.375		0.232	0.343	>88	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	0.739, 0.821	0.530	<65	UT
390210	21	R	0.844	0.938	0.633, 0.821	0.716	88-82	UT

Drawing No. M-82 System: FEEDWATER DISCHARGE

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
392100	10	E	0.938		0.710	0.963	>88	UT
392120	12	E	0.938		0.710	0.953	>88	UT
392130	13	P	0.938		0.605	0.912	>88	UT

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Component Result Details: (Cont.)

Drawing No. M-83      System: FEEDWATER DISCHARGE

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
392540	04	P	0.938		0.628	0.948	>88	UT

Drawing No. M-84      System: FEEDWATER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
393130	13	E	0.938		0.705	0.914	>88	UT
393140	14	P	0.938		0.606	0.900	>88	UT
393150	15	R	0.938	1.156	0.932, 1.146	0.963	>88	UT
393160	16	E	1.156		0.745	0.849	76-70	UT

Drawing No. M-89A      System: S/G 1A BLOWDOWN (INSIDE CONT.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
387210	21	P	0.179		0.125	0.175	>88	RT
387220	22	E	0.179		0.125	0.239	>88	RT
387230	23	P	0.179		0.125	0.179	>88	RT
387250	25	P	0.179		0.125	0.158	>88	RT
387260	26	T	0.179		0.125	0.168	>88	RT
387270	27	P	0.179		0.125	0.168	>88	RT
387290	29	E	0.179		0.125	0.173	>88	RT



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Component Result Details: (Cont.)

Drawing No. M-89B System: S/G 1B BLOWDOWN (INSIDE CONT.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
388140	14	P	0.179		0.125	0.165	>88	RT
388150	15	E	0.179		0.125	0.174	>88	RT
388160	16	P	0.179		0.125	0.170	>88	RT
388170	17	E	0.179		0.125	0.174	>88	RT
388180	18	P	0.179		0.125	0.177	>88	RT
388200	20	P	0.179		0.125	0.172	>88	RT
388210	21	T	0.179		0.125	0.182	>88	RT
388220	22	P	0.179		0.125	0.173	>88	RT
388240	24	P	0.179		0.125	0.172	>88	RT

Drawing No. M-92 System: MAIN FEEDWATER PUMP BYPASS

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
281060	06	E	0.594	0.337	0.466, 0.267	0.542	>88	UT
281140	14	P	0.322		0.166	0.309	>88	UT
281150	15	E	0.322		0.166	0.321	>88	UT
281160	16	P	0.322		0.166	0.303	>88	UT
281180	18	E	0.594		0.443	0.586	>88	UT
281190	19	P	0.594		0.376	0.553	>88	UT
281200	20B	E	0.594	0.337	0.444, 0.267	0.443	>88	UT
281270	27	R	0.237	0.322	0.113, 0.169	0.336	>88	UT

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Component Result Details: (Cont.)

Drawing No. M-92 (Cont.)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
281280	28	P	0.322		0.166	0.314	>88	UT
281290	29	R	0.322	0.375	0.167, 0.212	0.309	>88	UT
281300	30	T	0.375	0.322	0.213, 0.168	0.299	>88	UT
281730	73	R	0.594	0.337	0.430, 0.231	0.488	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	0.176	76-70	UT
331020	02	E	0.237		0.166	0.150	<65	UT
331030	03	P	0.237		0.166	0.225	>88	UT
331110	11	R	0.237	0.216	0.151, 0.151	0.202	>88	UT
331130	13	P	0.216		0.151	0.188	88-82	UT
331140	14	R	0.216	0.237	0.151, 0.166	0.244	>88	UT

Drawing No. NA System: 4A L.P. HEATER SHELL

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
400100	4A	S	0.500		0.438	0.500	>88	UT
400101	4A	S	0.500		0.438	0.525	>88	UT
400102	4A	S	0.500		0.438	0.505	>88	UT
400103	4B	S	0.500		0.438	0.489	>88	UT

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ATTACHMENT III

Component Result Details: (Cont.)

Drawing No. NA System: 4A L.P. HEATER SHELL (Cont.)

<u>Summary Number</u>	<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall 1</u>	<u>Nominal Wall 2</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Meth</u>
400104	4B	S	0.500		0.300	0.408	82-76	UT
400105	4B	S	0.500		0.438	0.502	>88	UT

Drawing No. S-57 System: GLAND STEAM FROM HP TURBINE THROUGH LGS-05,08

<u>Summary Number</u>	<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall 1</u>	<u>Nominal Wall 2</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Meth</u>
400106	1	P	0.179		0.125	0.247	>88	RT
400108	3	P	0.179		0.125	0.180	>88	RT
400109	4	E	0.179		0.125	0.238	>88	RT
400110	5	P	0.179		0.125	0.178	>88	RT
400111	6	E	0.179		0.125	0.229	>88	RT
400112	7	P	0.179		0.125	0.181	>88	RT
400113	8	E	0.179		0.125	0.250	>88	RT
400114	9	P	0.179		0.125	0.180	>88	RT
400115	10	E	0.179		0.125	0.257	>88	RT
400116	11	P	0.179		0.125	0.173	>88	RT
400117	12	T	0.179		0.125	0.162	>88	RT
400118	17	P	0.179		0.125	0.175	>88	RT
400121	20	P	0.191		0.134	0.175	>88	RT

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ATTACHMENT III

Component Result Details: (Cont.)

Drawing No. NA      System: RHR NEAR VALVES 624 and 625

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Meth
400122	1	E	0.280	0.322	0.245, 0.282	0.299	>88	UT
400123	2	T	0.322		0.282	0.337	>88	UT
400124	3	P	0.322		0.282	0.356	>88	UT
400125	4	R	0.322	0.365	0.282, 0.319	0.317	>88	UT
400126	5	T	0.322		0.282	0.372	>88	UT
400127	6	E	0.322		0.282	0.284	>88	UT
400128	7	P	0.322		0.282	0.299	>88	UT
400129	8	P	0.322		0.282	0.360	>88	UT
400130	9	R	0.322	0.365	0.282, 0.319	0.340	>88	UT
400131	10	P	0.365		0.319	0.335	>88	UT

