

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

**NUCLEAR REGULATORY COMMISSION  
INSERVICE INSPECTION REPORT  
FOR THE  
THIRD INTERVAL (1990 - 1999)  
THIRD PERIOD, FIRST OUTAGE (1997)  
AT  
R. E. GINNA NUCLEAR POWER PLANT**

**REVISION 0  
MARCH 27, 1998**

9804160109 980406  
PDR ADOCK 05000244  
Q PDR



**R. E. GINNA NUCLEAR POWER PLANT**  
**NUCLEAR REGULATORY COMMISSION**  
**INSERVICE INSPECTION REPORT**  
**THIRD INTERVAL (1990 - 1999)**  
**THIRD PERIOD, FIRST OUTAGE (1997)**

**OWNERS DATA SHEET**

Date: 27 March, 1998

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**  
**Inservice Inspection Report**  
**1990 - 1999 Interval, Third Period, First Outage (1997)**

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**Inservice Inspection Report**  
**1990 - 1999 Interval, Third Period, First Outage (1997)**

**INTRODUCTION AND SYNOPSIS:**

Inservice Inspection (ISI) activities for 1997 were performed on components within Class 1, 2, 3, High Energy Piping, Steam Generator Tubes, Seismic Supports and Snubbers. ISI examinations were concluded on January 6, 1998. Examination methods included Visual (VT), Liquid Penetrant (PT), Magnetic Particle (MT), Ultrasonic (UT), Radiographic (RT), and Eddy Current (ET). Functional Testing (FT) and System Pressure Tests were also performed.

Erosion/Corrosion examinations were also performed during this time.

Personnel involved included RG&E Laboratory and Inspection Services, Sonic Systems International, Master Lee Services Corporation, ABB Combustion Engineering Corporation, GPU, Quality Inspection Services, 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 Ginna Station System Engineering.

**ASME SECTION XI SUMMARY OF WORK ACCOMPLISHED:**

Upon conclusion of the 1997 Outage, 86.2% of ASME Section XI Code required examinations for the Third Interval ISI Program has been completed. A detailed component summary of all outage ISI activities with their associated results can be found within "Attachment I".

**CLASS 1 COMPONENTS:**

A total of 191 ASME, Augmented or Owner Elected components were examined. The examinations for these components consisted of 83 VT's, 49 PT's, 33 MT's, 51 UT's and 1 RT. A total of 217 examinations were performed on Class 1 Components.

**CLASS 2 COMPONENTS:**

A total of 143 ASME or Owner Elected Components were examined. The examinations for these components consisted of 83 VT's, 27 PT's, 34 MT's, 4 RT's, and 16 UT's for a total of 164 examinations.

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**CLASS 3 COMPONENTS:**

A total of 126 ASME or Owner Elected Components were examined utilizing the VT visual examination method.

**HIGH ENERGY COMPONENTS:**

Forty-Six (46) Augmented or Owner Elected items associated with the High Energy Program were examined during the 1997 Outage. The examinations for these items on welds, component supports and associated integral attachments consisted of 42 VT's, 38 MT's, 25 RT's and 8 UT's for a total of 113 examinations.

**STEAM GENERATOR TUBING:**

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

The following examinations were performed on both Generators.

- \* 100% tube end to tube end Eddy Current examination utilizing Bobbin coils
- \* Visual Examination of one (1) Manufacturers Plug
- \* Diagnostic examinations in specific areas were sampled
- \* 10% sample of all roll transitions
- \* 20% of Row 1 and 2 U-bends
- \* 100% of all tubes that vary from Manufacturer tube proximity design

Steam Generator Eddy Current Examination details are documented in the Rochester Gas & Electric 1997 Steam Generator Eddy Current Final Report.

**SYSTEM PRESSURE TESTS:**

**Leakage Testing:**

A total of twenty-eight (28) Leakage Examinations were performed. Leakage tests performed included one (1) Class 1, Reactor Coolant System (PT-7) examination, twenty-six (26) Class 2 or 3 examinations and one (1) High Energy Feedwater.

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**Service Induced Rejectable Components - Expanded Examinations:**

There were six (6) components that was classified initially as "Service Induced Rejectable". The following list identifies the components that would have had expanded examinations performed.

CVU-98 Component Support - Owner Elected Exam  
SWU-176 Component Support - Owner Elected Exam  
RHU-62 Component Support - Owner Elected Exam  
Penetration 402 Lug Integral Attachment - Code Exam (See Note #1)  
MSU-41 Component Support Integral Attachment - Code Exam (See Note #2)  
SWU-327 Component Support Integral Attachment - Code Exam (See Note #3)

Notes: #1 After expansion, Metallurgical investigation stated that the indications were due to original construction/fabrication .

#2 Action Report 98-0413 generated for missed expansion.

#3 No Code expansion required, owner elected expansion.

**SNUBBER PROGRAM:**

**Visual Examinations / Functional Testing :**

A total of 22 Snubber component supports were Visually (VT) examined. These Augmented examinations were performed to satisfy Ginna Station Snubber Program commitment.

A total of twenty-two (22) snubbers were Functionally Tested (FT) during the 1997 outage. From the twenty-two snubbers that were originally scheduled, twelve (12) were mechanical snubbers and ten (10) were hydraulic snubbers.

Snubber Functional Tests (FT) were performed on the following supports.

**Mechanical Snubbers:**

AFU-3	AFU-101	CCU-43	FWU-24	FWU-32
FWU-26(East)	FWU-26(West)	MSU-29	MSU-32	RHU-110
SIU-47	CVU-550			

**Hydraulic Snubbers:**

SGB-4	FWU-21	AFU-208	AFU-224	AFU-226
AFU-229	N607	N608	N615	PS-8

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**SEISMIC SUPPORT PROGRAM:**

A total of eleven (11) Augmented or Owner Elected Seismic Supports were inspected utilizing the visual (VT) examination technique.

**EROSION/CORROSION MINWALL PROGRAM:**

A total of 117 items were examined during the 1997 Outage. The breakdown of this total is as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	47
Elbows	34
Bends	12
Reducers	12
Tees	12

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 3/27/98  
Frank A. Klepacki Date  
ISI Engineer

Approved By: Michael J. Saporito 3/27/98  
Michael J. Saporito Date  
Manager, Laboratory and  
Inspection Services, Technical  
Performance and Field Inspections



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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      5/27/98  
                         ANII's Signature                      Date

# FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

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

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

(\*) SEE "ATTACHMENT I" FOR APPLICABLE INFORMATION

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

(12/86) This form (E0029) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ07007-2300

FORM NIS-1 (Back)

8. Examination Dates 7/02/96 to 1/06/98 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 27 March 19 98 Signed Rochester Gas & Electric Corporation By Frank St Klepach  
Owner ISI Engineer

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 7/2/96 to 1/6/98, 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 N/2498  
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/27 19 98

(\*) SEE "ATTACHMENT I" FOR APPLICABLE INFORMATION

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

#### A. CLASS 1 COMPONENTS:

##### REACTOR PRESSURE VESSEL

DRAWINGS: A-1

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
000702	B-N-1	B13.10	RPV INTERIOR VESSEL INTERIOR	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001033	B-G-1	B6.10	NUT #33 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001034	B-G-1	B6.10	NUT #34 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001035	B-G-1	B6.10	NUT #35 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001036	B-G-1	B6.10	NUT #36 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

#### NOTE: "COMPONENT TYPE" IS DEFINED AS FOLLOWS:

- "ASME" = ITEM REQUIRED BY ASME SECTION XI CODE
- "AUG" = AUGMENTED PROGRAM - ITEM REQUIRED BY NRC COMMITMENT
- "OE" = OWNER ELECTED - NON MANDATORY EXAMINATIONS

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### ATTACHMENT I

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

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001037	B-G-1	B6.10	NUT #37 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001038	B-G-1	B6.10	NUT #38 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001039	B-G-1	B6.10	NUT #39 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001040	B-G-1	B6.10	NUT #40 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001041	B-G-1	B6.10	NUT #41 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001042	B-G-1	B6.10	NUT #42 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - 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
001043	B-G-1	B6.10	NUT #43 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001044	B-G-1	B6.10	NUT #44 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001045	B-G-1	B6.10	NUT #45 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001046	B-G-1	B6.10	NUT #46 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001047	B-G-1	B6.10	NUT #47 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001048	B-G-1	B6.10	NUT #48 CLOSURE NUTS, REMOVED (48TOT)	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - 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
001133	B-G-1	B6.30	STUD #33 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001134	B-G-1	B6.30	STUD #34 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001135	B-G-1	B6.30	STUD #35 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001136	B-G-1	B6.30	STUD #36 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001137	B-G-1	B6.30	STUD #37 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - 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
001138	B-G-1	B6.30	STUD #38 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001139	B-G-1	B6.30	STUD #39 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001140	B-G-1	B6.30	STUD #40 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001141	B-G-1	B6.30	STUD #41 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001142	B-G-1	B6.30	STUD #42 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
--------	-------	-------	----------------------------------------------	------	----------

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001143	B-G-1	B6.30	STUD #43 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.



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#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001144	B-G-1	B6.30	STUD #44 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001145	B-G-1	B6.30	STUD #45 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
--------	-------	-------	----------------------------------------------	------	----------

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001146	B-G-1	B6.30	STUD #46 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
--------	-------	-------	----------------------------------------------	------	----------

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001147	B-G-1	B6.30	STUD #47 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
--------	-------	-------	----------------------------------------------	------	----------

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001148	B-G-1	B6.30	STUD #48 CLOSURE STUD, REMOVED (48TOT)	ASME	MT UT
--------	-------	-------	----------------------------------------------	------	----------

97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

001207	B-G-1	B6.40	THREADS IN FLANGE STUD HOLES 33 THRU 48	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - 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
001333	B-G-1	B6.50	WASHER #33 CLOSURE WASHERS (48TOT)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001334	B-G-1	B6.50	WASHER #34 CLOSURE WASHERS (48TOT)	ASME	VT
--------	-------	-------	------------------------------------------	------	----

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001335	B-G-1	B6.50	WASHER #35 CLOSURE WASHERS (48TOT)	ASME	VT
--------	-------	-------	------------------------------------------	------	----

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001336	B-G-1	B6.50	WASHER #36 CLOSURE WASHERS (48TOT)	ASME	VT
--------	-------	-------	------------------------------------------	------	----

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001337	B-G-1	B6.50	WASHER #37 CLOSURE WASHERS (48TOT)	ASME	VT
--------	-------	-------	------------------------------------------	------	----

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001338	B-G-1	B6.50	WASHER #38 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: 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
001339	B-G-1	B6.50	WASHER #39 CLOSURE WASHERS (48TOT)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001340	B-G-1	B6.50	WASHER #40 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001341	B-G-1	B6.50	WASHER #41 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001342	B-G-1	B6.50	WASHER #42 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001343	B-G-1	B6.50	WASHER #43 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001344	B-G-1	B6.50	WASHER #44 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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 1 COMPONENTS (CONT.):

#### REACTOR PRESSURE VESSEL (CONT.)

DRAWINGS: A-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
001345	B-G-1	B6.50	WASHER #45 CLOSURE WASHERS (48TOT)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001346	B-G-1	B6.50	WASHER #46 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001347	B-G-1	B6.50	WASHER #47 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001348	B-G-1	B6.50	WASHER #48 CLOSURE WASHERS (48TOT)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

001603	B-A	B1.40	RVP-HFW (32-1) CLOSURE HEAD-TO-FLANGE CIRC WELD	ASME	MT UT
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97 -MT & UT: TAKING CREDIT FOR PREVIOUS EXAM. NO RECORDABLE INDICATIONS  
- ACCEPTABLE. > 96% COVERAGE OBTAINED.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

##### PRESSURIZER

DRAWINGS: A-4

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
003800	B-B	B2.12	V-2 LOWER SHELL VERTICAL WELD (LONGITUDINAL)	ASME	UT

97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

003900	B-B	B2.11	C-1 UPPER HEAD-TO-UPPER SHELL CIRC WELD	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### STEAM GENERATOR B

DRAWINGS: A-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
007609	F-A	F1.40	SGB-SL SUPPORT COMPONENT LEGS H TO K	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: DOUBLE NUTS NOT REQUIRED - ACCEPTABLE.

##### REACTOR COOLANT SYSTEM-LOOP A

DRAWINGS: A-3B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
011700	B-J	B9.32	PL-FW-XII-ASW/2B-RC0-2 501-A 2" BRANCH WELD	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### REACTOR COOLANT SYSTEM-LOOP A

DRAWINGS: A-3B

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
012000	B-J	B9.11	PL-FW-XIII ELBOW-TO-PUMP (RCP-A)	ASME	PT UT

97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: 1/8" DIA. & 1/4", > 90% COVERAGE OBTAINED - ACCEPTABLE. UT: NO RECORDABLE INDICATIONS, < 90% COVERAGE OBTAINED - RR #17, BEST EFFORT EXAMINATION - ACCEPTABLE.

##### REACTOR COOLANT SYSTEM-LOOP B

DRAWINGS: A-3G

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
013600	B-J	B9.11	PL-FW-VIII PUMP (RCP-B) -TO-PIPE	ASME	PT UT

97 -PT: NO RECORDABLE INDICATIONS, UT: - ACCEPTABLE. PT & UT: > 90% COVERAGE OBTAINED

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

DRAWINGS: A-10

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
014600	B-J	B9.21	A NOZZLE-TO-PIPE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

015200	B-J	B9.21	ASW-4 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

DRAWINGS: A-10

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
016700	B-J	B9.21	DSW-2 PIPE-TO-ELBOW	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

021300	F-A	F1.10V	RCU-6 VARIABLE SPRING	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 385 - ACCEPTABLE.

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

DRAWINGS: A-11

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
022900	B-J	B9.40	8 PIPE-TO-TEE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

023500	B-J	B9.40	10 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

025000	B-J	B9.40	18 PIPE-TO-COUPLING	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

#### 2-IN. PRESSURIZER SPRAY LINE

DRAWINGS: A-11

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
025900 B-J	B9.40	26 ELBOW-TO-PIPE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

026000 B-J	B9.40	27 PIPE-TO-REDUCER	AUG	PT RT
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97 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT; IUC @ 1 1/2" TO 2", IUC @ #2, SUCK-UP @ 2 1/2", TUNG. @ #5, FILM ARTIFACT @ 5.7" - ACCEPTABLE.

#### 4-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
026200 B-J	B9.11	A SAFE END-TO-ELBOW (RELIEF LINE)	ASME	PT UT

97 -UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. PT: INSIGNIFICANT: @ 4 1/4", 1/8" DIAMETER ROUNDED INDICATION - ACCEPTABLE. > 90% COVERAGE OBTAINED.

#### 3-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
027000 B-J	B9.21	B REDUCER-TO-VALVE (516)	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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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 1 COMPONENTS (CONT.):

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

DRAWINGS: A-12

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
027100	B-J	B9.21	C VALVE (516)-TO-PIPE	ASME OE	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

#### 4-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-13

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
027400	B-J	B9.11	G REDUCER-TO-ELBOW	ASME	PT UT

97 -PT: NO RECORDABLE INDICATIONS. UT: INSIGNIFICANT: SLAG IS FABRICATION INDICATION AND IS OUT OF THE AREA OF INTEREST - NO THRU WALL DEPTH - ACCEPTABLE. LAM SCAN PERFORMED IN 1974. > 90% COVERAGE OBTAINED.

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

DRAWINGS: A-14

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
029400	B-J	B9.11	B PIPE-TO-VALVE (721)	ASME	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ONE SIDED EXAM - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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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 1 COMPONENTS (CONT.):

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

DRAWINGS: A-15

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
030700 B-J	B9.11	C VALVE (700)-TO-PIPE	ASME	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED, LAM SCAN PERFORMED IN 1980 - ACCEPTABLE.

032500 F-A	F1.10R	RHU-32 RIGID RESTRAINT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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

DRAWINGS: A-16

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
033700 F-A	F1.10V	SIU-50 VARIABLE SPRING	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 1465 #'S - ACCEPTABLE.

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

DRAWINGS: A-17

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
035400 B-J	B9.11	GSW-1 ELBOW-TO-PIPE	ASME	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED, NO CHANGE SINCE LAST EXAM - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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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 1 COMPONENTS (CONT.):

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

DRAWINGS: A-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
037700	B-K-1	B10.10	RHU-10 (IA) INTEGRAL ATTACHMENT	OE	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

037800	F-A	F1.10R	RHU-10 RIGID HANGER (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### 2" H.P. SAFETY INJECTION TO LOOP A HOT LEG

DRAWINGS: A-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
040900	B-J	B9.40	ASW-13 2" PIPE-TO-BRANCH CONNECTION	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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

DRAWINGS: A-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
041800	B-J	B9.40	GSW-16 PIPE-TO-ELBOW	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90% COVERAGE OBTAINED.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

### ATTACHMENT I

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

##### 2" LETDOWN FROM LOOP B CROSSOVER

DRAWINGS: A-23A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
042700	B-J	B9.40	1 NOZZLE-TO-PIPE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

043000	F-A	F1.10V	CVU-38 VARIABLE SPRING	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 150 - ACCEPTABLE.

##### 2" LETDOWN TO REGEN HTX

DRAWINGS: A-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
045600	B-J	B9.40	25 ELBOW-TO-PIPE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

046600	B-J	B9.40	30 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: 1/8" POR @ TOE OF WELD AT 5 3/8".  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

046800	B-K-1	B10.10	CVU-29 (IA) INTEGRAL ATTACHMENT	OE	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

DRAWINGS: A-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
046820	F-A	F1.10R	CVU-29 RIGID RESTRAINT (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

048100	B-J	B9.40	42 PIPE-TO-NOZZLE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### 2" LETDOWN FROM REGEN HTX

DRAWINGS: A-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
048274	B-J	B9.40	30 PIPE-TO-VALVE (202)	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### SEAL WATER TO RCP-B

DRAWINGS: A-32A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049040	F-A	F1.10R	CVU-90 RIGID RESTRAINT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### SEAL WATER TO RCP-B (CONT.)

DRAWINGS: A-32A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049041	B-K-1	B10.10	CVU-90 (IA) INTEGRAL ATTACHMENT	OE	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049050	B-J	B9.40	59 ELBOW-TO-PIPE	ASME	PT
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97 -PT: REJ: ACTION REPORT 97-1777 GENERATED & CLEARED; SOCKET- FABRICATION AND TOOL MARK INDICATIONS WERE SURFACE CONDITIONED FOR NDE. RE-EXAM, NO RECORDABLE INDICATIONS, ACCEPTABLE. > 90% COVERAGE OBTAINED. INDICATION ON FITTING ORIG. CONSTRUCTION.

049085	F-A	F1.10R	CVU-91 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049090	B-J	B9.40	52 PIPE-TO-COUPLING	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT, RANDOM ROUNDED INDICATIONS EQUAL TO OR LESS THAN 1/32" DIA. - CHIPPING HAMMER MARKS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049100	F-A	F1.10R	CVU-92 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049125	F-A	F1.10R	CVU-93 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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### ATTACHMENT I

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

#### SEAL WATER TO RCP-B (CONT.)

DRAWINGS: A-32A

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
049150 F-A	F1.10R	CVU-94 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049155 F-A	F1.10R	CVU-95 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049160 F-A	F1.10R	CVU-96 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049175 F-A	F1.10R	CVU-97 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049180 B-J	B9.40	40 PIPE-TO-TEE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE:

049205 F-A	F1.10R	CVU-98 RIGID HANGER	OE	VT
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97 -VT: OWNER ELECTED EXAM: REJECT: ACTION REPORT 97-1673 GENERATED TO ADDRESS LOOSE NUT ON STRUT. RE-EXAM AFTER TIGHTENING - ACCEPTABLE - NO RECORDABLE INDICATIONS.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### SEAL WATER TO RCP-B (CONT.)

DRAWINGS: A-32A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049220	F-A	F1.10R	CVU-99 U-BOLT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049235	B-J	B9.40	31 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049255	B-J	B9.40	27 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049265	F-A	F1.10R	CVU-100 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049280	F-A	F1.10R	CVU-101 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049305	B-J	B9.40	19 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049320	B-J	B9.40	16 ELBOW-TO-PIPE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### SEAL WATER TO RCP-B (CONT.)

DRAWINGS: A-32A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049325	F-A	F1.10R	CVU-102 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049365	F-A	F1.10S	CVU-103 MECHANICAL SNUBBER	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: SETTING 2", TRANSITION TUBE TO CLAMP ATTACHED WITH COTTER PINS, CVU-104 IS BOLTED. - ACCEPTABLE.

049370	F-A	F1.10S	CVU-104 MECHANICAL SNUBBER	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT; TRANSITION TUBE TO CLAMP IS ATTACHED WITH BOLTS, CVU-103 IS ATTACHED WITH COTTER PINS, SETTING 2" - ACCEPTABLE.

049380	B-J	B9.40	7 VALVE (304D) -TO-PIPE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049415	B-J	B9.40	1 PIPE-TO-FLANGE (RCP-B)	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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 1 COMPONENTS (CONT.):

#### SEAL WATER TO RCP-A

DRAWINGS: A-31A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049550	F-A	F1.10R	CVU-171 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049595	F-A	F1.10A	CVU-172 ANCHOR (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, TOTAL IA WELD LENGTH IS 9", DRAWING CALLS FOR 7 3/8" - ACCEPTABLE.

049596	B-K-1	B10.10	CVU-172 (IA) INTEGRAL ATTACHMENT	OE	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049605	B-J	B9.40	41 ELBOW-TO-PIPE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049610	F-A	F1.10R	CVU-173 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049625	F-A	F1.10R	CVU-174 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



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### ATTACHMENT I

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

#### SEAL WATER TO RCP-A (CONT.)

DRAWINGS: A-31A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049630	F-A	F1.10R	CVU-175 U-BOLT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049655	F-A	F1.10R	CVU-176 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049685	F-A	F1.10R	CVU-177 GUIDE	OE	VT
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97 -VT: INSIGNIFICANT, SHIM SIDE HAS NO GAP. NON-SHIM SIDE HAS 1/8" AIR GAP.  
ACCEPTABLE PER ME-121.

049690	F-A	F1.10R	CVU-178 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049695	F-A	F1.10R	CVU-179 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: SHIM SIDE HAS NO GAP, NON-SHIM  
SIDE HAS 1/8" AIR GAP - ACCEPTABLE.

049700	F-A	F1.10R	CVU-180 RIGID RESTRAINT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: NO BOTTOM SPACER REQUIRED PER  
MANUFACTURER - ACCEPTABLE.



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### ATTACHMENT I

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

#### SEAL WATER TO RCP-A (CONT.)

DRAWINGS: A-31A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049755	F-A	F1.10A	CVU-187 ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049756	B-K-1	B10.10	CVU-187 (IA) INTEGRAL ATTACHMENT	OE	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

049760	F-A	F1.10R	CVU-188 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049785	F-A	F1.10R	CVU-189 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

049860	B-J	B9.40	1 PIPE-TO-FLANGE (RCP-A)	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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### ATTACHMENT I

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

#### 2" CHARGING TO LOOP B COLD LEG

DRAWINGS: A-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
050730	B-J	B9.40	21B VALVE (9314)-TO-PIPE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

050749	B-J	B9.40	21F TEE-TO-PIPE	ASME	PT
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97 -PT: REJ: ACTION REPORT 97-1778 CLEARED WHEN ADDITIONAL NDE SURFACE CONDITIONING WAS PERFORMED. > 90% COVERAGE OBTAINED. METALURGIST REVIEWED & IDENTIFIED SUSPECT AREA AS ORIGINAL CONSTRUCTION LACK OF FUSION & CRATER CRACK.  
RE-EXAM - ACCEPTABLE.

#### 2" CHARGING TO LOOP B COLD LEG

DRAWINGS: A-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
050900	B-J	B9.40	24 PIPE-TO-ELBOW	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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

DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
051500	F-A	F1.10R	CVU-23 GUIDE	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: BOTTOM OF SUPPORT & PIPING AROUND SUPPORT WERE HEAVILY COVERED WITH BORATED WATER RESIDUE - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### 2" ALTERNATE CHARGING TO LOOP A COLD LEG (CONT.) DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
051700	B-J	B9.40	22 ELBOW-TO-PIPE	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

051800	B-J	B9.40	23 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

052400	B-J	B9.40	29 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

052800	B-J	B9.40	33 COUPLING-TO-PIPE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

#### 2" LETDOWN FROM LOOP B CROSSOVER DRAWINGS: A-23A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
056100	B-J	B9.40	2A PIPE-TO-VALVE(507)	OE	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.



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### ATTACHMENT I

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

#### REACTOR COOLANT PUMP A

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
056701	B-G-1	B6.200	NUT #1 BOLTING,	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056702	B-G-1	B6.200	NUT #2 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056703	B-G-1	B6.200	NUT #3 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056704	B-G-1	B6.200	NUT #4 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056705	B-G-1	B6.200	NUT #5 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056706	B-G-1	B6.200	NUT #6 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056707	B-G-1	B6.200	NUT #7 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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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
056708	B-G-1	B6.200	NUT #8 BOLTING,	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056709	B-G-1	B6.200	NUT #9 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056710	B-G-1	B6.200	NUT #10 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056711	B-G-1	B6.200	NUT #11 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056712	B-G-1	B6.200	NUT #12 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056713	B-G-1	B6.200	NUT #13 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056714	B-G-1	B6.200	NUT #14 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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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
056715	B-G-1	B6.200	NUT #15 BOLTING,	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056716	B-G-1	B6.200	NUT #16 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056717	B-G-1	B6.200	NUT #17 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056718	B-G-1	B6.200	NUT #18 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056719	B-G-1	B6.200	NUT #19 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056720	B-G-1	B6.200	NUT #20 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056721	B-G-1	B6.200	NUT #21 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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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
056722	B-G-1	B6.200	NUT #22 BOLTING,	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056723	B-G-1	B6.200	NUT #23 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056724	B-G-1	B6.200	NUT #24 BOLTING,	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

056801	B-G-1	B6.180	STUD #1 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056802	B-G-1	B6.180	STUD #2 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056803	B-G-1	B6.180	STUD #3 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056804	B-G-1	B6.180	STUD #4 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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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
056805	B-G-1	B6.180	STUD #5 BOLTING,	ASME	UT

97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056806	B-G-1	B6.180	STUD #6 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90% COVERAGE OBTAINED.

056807	B-G-1	B6.180	STUD #7 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056808	B-G-1	B6.180	STUD #8 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056809	B-G-1	B6.180	STUD #9 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056810	B-G-1	B6.180	STUD #10 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: GEOMETRIC SIGNAL SEEN FROM MACHINED AREA APPROX. 1" FROM BOTTOM OF STUD. > 90% COVERAGE OBTAINED - ACCEPTABLE.

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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
056811	B-G-1	B6.180	STUD #11 BOLTING,	ASME	UT

97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056812	B-G-1	B6.180	STUD #12 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056813	B-G-1	B6.180	STUD #13 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056814	B-G-1	B6.180	STUD #14 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056815	B-G-1	B6.180	STUD #15 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056816	B-G-1	B6.180	STUD #16 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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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
056817	B-G-1	B6.180	STUD #17 BOLTING,	ASME	UT

97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056818	B-G-1	B6.180	STUD #18 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056819	B-G-1	B6.180	STUD #19 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056820	B-G-1	B6.180	STUD #20 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056821	B-G-1	B6.180	STUD #21 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056822	B-G-1	B6.180	STUD #22 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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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
056823	B-G-1	B6.180	STUD #23 BOLTING,	ASME	UT

97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

056824	B-G-1	B6.180	STUD #24 BOLTING,	ASME	UT
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97 -UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### REACTOR COOLANT PUMP B

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
058000	F-A	F1.40	EBB-1 EYEBAR	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

058050	F-A	F1.40	EBB-2 EYEBAR	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

058130	F-A	F1.40	LEG L SUPPORT COMPONENTS	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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 1 COMPONENTS (CONT.):

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

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
058140	F-A	F1.40	LEG M SUPPORT COMPONENTS	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

058150	F-A	F1.40	LEG N SUPPORT COMPONENTS	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

#### B. CLASS 2 COMPONENTS:

##### 2" LETDOWN FROM REGEN HTX

DRAWINGS: A-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
048278	----	F1.20R	CVU-140 U-BOLT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### CHARGING PUMP A TO PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
076000	C-F-1	C5.11	4 PIPE-TO-ELBOW	ASME	PT UT

97 -PT & UT" NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

##### CHARGING PUMP A TO PULSE DAMPENER (CONT.)

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
077900	F-A	F1.20R	CVU-415 RIGID RESTRAINT (IA)	OE	VT

97 -VT: REJECT; 2 OVERSIZE NUTS & LACK OF GOOD WELD. ACTION REPORT 97-1699 GENERATED. SEE ISIM-025 FOR ACCEPTANCE OF OVERSIZE NUTS & ACTION REPORT FOR ACCEPTANCE OF INCOMPLETE WELD, NOT SERVICE INDUCED-ACCEPTABLE

077901	C-C	C3.20	CVU-415 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: REJECT; ACTION REPORT 97-1699 GENERATED FOR LACK OF COMPLETE WELD. NOT SERVICE INDUCED - ACCEPTABLE. > 90% COVERAGE OBTAINED.

##### RESIDUAL HEAT REMOVAL PUMP A

DRAWINGS: B-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
078940	----	F1.40	RHR PUMP A SUPPORT #1 SHAFT END SUPPORT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, BOLT FLOATS AS A LEVELER - ALL PUMPS HAVE SAME CONFIGURATION, LIGHT RUST - ACCEPTABLE.

078945	----	F1.40	RHR PUMP A SUPPORT #2 SPLIT LINE SUPPORT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: LIGHT RUST - ACCEPTABLE.

078950	----	F1.40	RHR PUMP A SUPPORT #3 SPLIT LINE SUPPORT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: LIGHT RUST - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
080401	C-C	C3.20	PS-A, PEN 401 ANCHOR (OUTCV) INTEGRAL ATTACHMENT	ASME	MT PT

97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT & PT: REJECT. RE-EXAM AFTER REPAIRS  
SEE RR SUMMARY SHEET R97065 FOR ACCEPTABLE SECTION XI EXAM. > 90%  
COVERAGE OBTAINED.

##### MAIN STEAM LOOP A INSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
080451	C-C	C3.20	PS-B, PEN 401 ANCHOR (INCV) INTEGRAL ATTACHMENT	ASME	MT PT

97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT & PT; REJECT; 8B 10" INDICATION.  
4B 1 1/2" INDICATION. REPAIRED BT WELDING. SEE RR SUMMARY # R97070  
FOR ACCEPTANCE EXAM. NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90%  
COVERAGE OBTAINED.

##### MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
081310	C-C	C3.20	MSU-44 (IA) INTEGRAL ATTACHMENT	ASME	MT

97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT: NO RECORDABLE INDICATIONS,  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

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

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
081800	C-F-2	C5.51	F PIPE-TO-ELBOW	ASME	VT MT UT

97 -MT: NO RECORDABLE INDICATIONS. VT: INSIGNIFICANT: VARIOUS ARC STRIKES, GOUGES & LINE UP LUG INDICATIONS, THESE WERE IDENTIFIED IN '86 EXAM.  
UT: INSIGNIFICANT: - ACCEPTABLE. > 90% COVERAGE OBTAINED.

081850	C-F-2	C5.52	FL1 ELBOW LONGITUDINAL WELD	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED, NO CHANGE SINCE LAST EXAM - ACCEPTABLE.

082000	F-A	F1.20V	MSU-41 VARIABLE SPRING (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 5068 - ACCEPTABLE.

082005	C-C	C3.20	MSU-41 (IA) INTEGRAL ATTACHMENT	ASME	MT
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97 -MT: REJECT - 1 LUG, LINEAR INDICATION IN LUG BASE METAL. ACTION REPORT 97-1848 GENERATED. USE-AS-IS PER ENG. ONLY 4 OF THE 6 LUGS ARE REQUIRED.  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

083400	F-A	F1.20R	MSU-36 GUIDE (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

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

DRAWINGS: B-9

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
083405	C-C	C3.20	MSU-36 (IA) INTEGRAL ATTACHMENT	ASME	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### MAIN STEAM LOOP A ATMOSPHERIC VENT

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
083900	C-F-2	C5.51	G2-BC-2-A PIPE-TO-VALVE (3507)	ASME	MT RT VT

97 -VT, MT & RT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### MAIN STEAM LOOP B INSIDE CV

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
084460	C-F-2	C5.52	AL2 ELBOW LONGITUDINAL WELD	ASME	MT UT

97 -UT: INSIGNIFICANT: MODE CONVERSION - ACCEPTABLE. MT: REJECT: ACTION REPORT 97-1845 GENERATED. INDICATIONS SAME AS EXISTED BEFORE & ON ELBOW EXAM THIS OUTAGE - ORIGINAL FABRICATION INDICATION. SURFACE CONDITIONING PERFORMED RE-EXAM ACCEPT. > 90% COVERGE OBTAINED.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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 2 COMPONENTS (CONT.):

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

DRAWINGS: B-8

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
084500 C-F-2	C5.51	A3 ELBOW-TO-PIPE	ASME	MT RT

97 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: POROSITY & SLAG - ACCEPTABLE. > 90% COVERAGE OBTAINED.

085900 F-A	F1.20A	PS-A, PEN 402 ANCHOR (INCV) ANCHOR (IA)	OE	VT
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97 -VT: INSIGNIFICANT: LO-TDC, 2" UNDERCUT 1/8" LONG X 1/32" TOE DOWNSTREAM P.B. - ACCEPTABLE.

085901 C-C	C3.20	PS-A, PEN 402 ANCHOR (INCV) INTEGRAL ATTACHMENT	ASME	MT
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97 -MT & PT: REJECT; INDICATIONS AT TOE OF GUSSET WELDS IN BASE MATERIAL. ACTION REPORT 97-1846 GENERATED. A CODE WELD REPAIR WAS PERFORMED. RE-EXAM - ACCEPTABLE. SEE SUMMARY RR97054 EXAM RECORDS 97GP179, 97GP180, 97GP192 & 97GM244 FOR RE-EXAMS.

#### MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
085950 F-A	F1.20A	PS-B, PEN 402 ANCHOR (OUTCV) ANCHOR (IA)	OE	VT

97 -VT: INSIGNIFICANT: UNDERCUT AT 7" DOWNSTREAM, AT TOE, 1/8" X 1/32" DEEP - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
085951	C-C	C3.20	PS-B, PEN 402 ANCHOR (OUTCV) INTEGRAL ATTACHMENT	ASME	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.  
PT: ALSO PERFORMED, NO RECORDABLE INDICATIONS - ACCEPTABLE.

086330	C-C	C3.20	MSU-12 (IA) INTEGRAL ATTACHMENT	ASME	MT
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97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT: NO RECORDABLE INDICATIONS,  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

086530	C-C	C3.20	MSU-13 (IA) INTEGRAL ATTACHMENT	ASME	MT
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97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT: NO RECORDABLE INDICATIONS,  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

086805	C-C	C3.20	MSU-15 (IA) INTEGRAL ATTACHMENT	ASME	MT
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97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT: NO RECORDABLE INDICATIONS,  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

088125	F-A	F1.20S	MSU-29 MECHANICAL SNUBBER (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 1/4" - ACCEPTABLE.

088130	C-C	C3.20	MSU-29 (IA) INTEGRAL ATTACHMENT	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

### ATTACHMENT I

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

#### MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
088400	C-F-2	C5.51 J1 PIPE-TO-ELBOW	ASME	VT MT UT

97 -VT, MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

088450	C-F-2	C5.52 J1L1 ELBOW LONGITUDINAL WELD	ASME	MT UT
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97 -MT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

088820	F-A	F1.20S MSU-32 MECHANICAL SNUBBER (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 1 1/4" - ACCEPTABLE.

088821	C-C	C3.20 MSU-32 (IA) INTEGRAL ATTACHMENT	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### MAIN STEAM LOOP B ATMOSPHERIC VENT

DRAWINGS: B-10

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
090400	C-F-2	C5.51	L2-BC-2-A PIPE-TO-VALVE (3506)	ASME	MT RT VT

97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT:  
- ACCEPTABLE. ALL EXAMS > 90% COVERAGE OBTAINED.

##### FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
091901	C-C	C3.20	PS-A, PEN 403 ANCHOR (OUTCV) INTEGRAL ATTACHMENT	ASME	MT

97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT: NO RECORDABLE INDICATIONS,  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

##### FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
091951	C-C	C3.20	PS-B, PEN 403 ANCHOR (INCV) INTEGRAL ATTACHMENT	ASME	MT PT

97 -ADDITIONAL EXAM FOR PEN 402 REJECT. MT & PT: NO RECORDABLE INDICATIONS  
ON LUGS & PRESSURE BOUNDARY FUSION ZONE. > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

##### FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
094575	F-A	F1.20V	FWU-41 VARIABLE SPRING	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING 5670 #'S.

094600	C-F-2	C5.51	M PIPE-TO-VALVE (3994)	ASME	VT MT RT UT
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97 -VT & MT: NO RECORDABLE INDICATIONS. RT: INSIGNIFICANT: 2 IUC INDICATIONS @ 14.75 & 15.75" WERE EXAMINED WITH UT TO OBTAIN SIZE, > 90% COVERAGE OBTAINED - ACCEPTABLE.

097400	F-A	F1.20A	PS-A, PEN 404 ANCHOR (OUTCV) ANCHOR (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

097401	C-C	C3.20	PS-A, PEN 404 ANCHOR (OUTCV) INTEGRAL ATTACHMENT	ASME	MT PT
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97 -PT & MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### FEEDWATER LOOP B INSIDE CV

DRAWINGS: B-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
097450	F-A	F1.20A	PS-B, PEN 404 ANCHOR (INCV) ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

097451	C-C	C3.20	PS-B, PEN 404 ANCHOR (INCV) INTEGRAL ATTACHMENT	ASME	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.  
PT: ALSO PERFORMED, SEE RR FOR EXAM RECORD - ACCEPTABLE.

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

DRAWINGS: B-16A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
104875	F-A	F1.20R	SIU-102 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

104950	C-F-1	----	26N PIPE-TO-TEE	OE	PT UT
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97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

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

DRAWINGS: B-16A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
107220	F-A	F1.20A	SIU-100 ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, PART OF EXAM PERFORMED WITH FIBERSCOPE DUE TO LIMITATIONS FOR DIRECT VISUAL - ACCEPTABLE.

107221	C-C	C3.20	SIU-100 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

107410	C-F-1	----	29N ELBOW-TO-PIPE	OE	PT UT
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97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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

DRAWINGS: B-18

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
111225	F-A	F1.20R	RHU-14 RIGID RESTRAINT (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

111230	C-C	C3.20	RHU-14 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

6-IN. RESID HT REMOVAL TO RPV (LHSI) (CONT.) DRAWINGS: B-18

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
111250 F-A	F1.20R	RHU-13 RIGID RESTRAINT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

112200 F-A	F1.20R	RHU-18 RIGID RESTRAINT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

112210 C-C	C3.20	RHU-18 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

H.P. SAFETY INJECTION LINE FROM RWST

DRAWINGS: B-19

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
120300 F-A	F1.20R	RHU-100 RIGID SUPPORT (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: ARC STRIKES, SEE NCR93-071  
- ACCEPTABLE.

120301 C-C	C3.20	RHU-100 (IA) INTEGRAL ATTACHMENT	OE	PT
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97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: L= 2 1/2, 1/32" PORE;  
L = 3, 1/16" PORE; L = 8 1/2, 3/16" ( 1/16" PORE, 3/16" BLEEDOUT).  
> 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### H.P. SAFETY INJECTION LINE 8L-SI-151

DRAWINGS: B-19

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
122000	F-A	F1.20R	RHU-111 RIGID SUPPORT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

122001	C-C	C3.20	RHU-111 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS. > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### RESIDUAL HEAT REMOVAL LINE 10B-AC-601

DRAWINGS: B-20

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
130725	F-A	F1.20R	RHU-77 RIGID SUPPORT (IA)	OE	VT

97 -VT: INSIGNIFICANT: ACTION REPORT 97-1935 GENERATED TO REMOVE BORIC ACID & CORROSION. RE-EXAM REVEALED THAT THE PIPE IS IN CONTACT WITH PLATE BUT NO WELD COULD BE CLEARLY IDENTIFIED. ACCEPTABLE PER ENGINEERING.

130730	C-C	C3.20	RHU-77 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: INSIGNIFICANT: 1/16" & 1/8" ROUNDED INDICATIONS, ACCEPTABLE PER CODE.  
> 90% COVERAGE OBTAINED.



# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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.):

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

DRAWINGS: B-20

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
132900	F-A	F1.20V	RHU-62 VARIABLE SPRING (IA)	OE	VT

97 -VT: NO RECORDABLE & REJECT; SPRING CAN SETTING OFF. ACTION REPORT 97-2013 GENERATED. ACTION REPORT PART 4 LETTER F ADDRESS OPERABILITY/ CONTINUED SERVICE. RE-EXAM WILL BE PERFORMED UPON COMPLETION OF THE WO.

132905	C-C	C3.20	RHU-62 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: INSIGNIFICANT, WELD IS IN AS WELDED CONDITION WITH ROUGH SURFACES, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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

DRAWINGS: B-20

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
136500	F-A	F1.20R	RHU-64 RIGID RESTRAINT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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

DRAWINGS: B-20A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
137805	C-C	C3.20	RHU-68 (IA) INTEGRAL ATTACHMENT	OE	PT

97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: NO CHANGE SINCE LAST EXAM - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### RESIDUAL HEAT REMOVAL LINE 10H-AC-601

DRAWINGS: B-24

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
140950	F-A	F1.20A	RHU-46 ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### RESIDUAL HEAT REMOVAL LINE 8C-AC-601

DRAWINGS: B-24

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
143200	C-F-1	----	12 PIPE-TO-ELBOW	OE	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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

DRAWINGS: B-26

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
146600	F-A	F1.20V	RHU-60 VARIABLE SPRING (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, C&L SPRING CAN #568 SIZE 7, SETTING 504 #'S, - ACCEPTABLE.

146620	C-C	C3.20	RHU-60 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: ARC STRIKES, USE-AS-IS PER ENGINEERING (ISIM-024) ON ARC STIKES, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

RESIDUAL HEAT REMOVAL LINE 6D-AC-601 (CONT.) DRAWINGS: B-26

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
146900	C-F-1	----	3 PIPE-TO-ELBOW	OE	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

RESIDUAL HEAT REMOVAL LINE 6B-AC-601 DRAWINGS: B-25

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
150300	C-F-1	----	2 ELBOW-TO-VALVE (712A)	OE	PT UT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.  
UT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: ROOT GEOMETRY INDICATION  
SEEN NOT SERVICE INDUCED, > 90% COVERAGE OBTAINED - ACCEPTABLE.

CS PUMP SUCTION PIPING DRAWINGS: B-19

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
159100	F-A	F1.20R	RHU-101 RIGID SUPPORT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

159105	C-C	C3.20	RHU-101 (IA) INTEGRAL ATTACHMENT	OE	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

DRAWINGS: B-16B

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
160664	F-A	F1.20R	RHU-113 RIGID SUPPORT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

160665	C-C	C3.20	RHU-113 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

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

DRAWINGS: B-16B

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

97 -VT: NO RECORDABLE INDICATIONS, ME-303 REQUIRES 173# - ACTUAL 182# -ACCEPTABLE.

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

DRAWINGS: B-37

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161120	F-A	F1.20R	SIU-82 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161150	F-A	F1.20R	SIU-81 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

H.P. SAFETY INJECTION LINE 3A-SI-1501 (CONT.) DRAWINGS: B-37

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
161160 F-A	F1.20R	SIU-80 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161220 F-A	F1.20R	SIU-78 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161300 F-A	F1.20R	SIU-74 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161310 C-F-1	C5.21	21 PIPE-TO-REDUCER	ASME	PT UT
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97 -PT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90% COVERAGE OBTAINED.

H.P. SAFETY INJECTION LINE 4D-SI-1501 DRAWINGS: B-37

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
161360 C-F-1	C5.21	25 PIPE-TO-ELBOW	ASME	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90% COVERAGE OBTAINED.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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 2 COMPONENTS (CONT.):

H.P. SAFETY INJECTION LINE 4D-SI-1501 (CONT.) DRAWINGS: B-37

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161470	C-F-1	C5.21	35 PIPE-TO-ELBOW	ASME	PT UT

97 -PT & UT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

161490	F-A	F1.20R	SIU-43 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161500	F-A	F1.20R	SIU-42 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161540	F-A	F1.20R	SIU-40 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

H.P. SAFETY INJECTION LINE 2T-SI-2501 DRAWINGS: B-39

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161730	C-F-1	C5.30	4 PIPE-TO-ELBOW	ASME	PT

97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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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 2 COMPONENTS (CONT.):

H.P. SAFETY INJECTION LINE 2T-SI-2501 (CONT.) DRAWINGS: B-39

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161750	F-A	F1.20R	SIU-33 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161860	F-A	F1.20R	SIU-35 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

161890	F-A	F1.20R	SIU-36 U-BOLT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

H.P. SAFETY INJECTION LINE 2U-SI-2501 DRAWINGS: B-39

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
162070	F-A	F1.20R	SIU-32 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, INSIGNIFICANT: GROUT BASE WAS DAMAGED  
ON ONE CORNER, WO# 19703424 GENERATED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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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 2 COMPONENTS (CONT.):

#### H.P. SAFETY INJECTION LINE 3B-SI-1501

DRAWINGS: B-40

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
162600	F-A	F1.20R	SIU-92 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

162610	F-A	F1.20R	SIU-91 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

162640	F-A	F1.20R	SIU-90 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

162641	C-C	C3.20	SIU-90 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

162670	F-A	F1.20R	SIU-89 RIGID RESTRAINT	OE	VT
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97 -VT: NO SIGNIFICANT RECORDABLE INDICATIONS, LOOSE NUT - TOP PIPE CLAMP  
BOLT - THREADS ARE MASHED TO PREVENT REMOVAL - ACCEPTABLE.

162700	F-A	F1.20R	SIU-88 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, PIPE NOT CENTERED PER DRAWING - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

### ATTACHMENT I

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

H.P. SAFETY INJECTION LINE 3B-SI-1501 (CONT.) DRAWINGS: B-40

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
162760	F-A	F1.20R	SIU-69 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

162770	C-F-1	C5.21	18 PIPE-TO-TEE	ASME	PT UT
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97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: POROSITY THROUGH OUT WELD CROWN. UT: NO RECORDABLE INDICATIONS. PT & UT: > 90% COVERAGE OBTAINED - ACCEPTABLE.

H.P. SAFETY INJECTION LINE 3C-SI-1501 DRAWINGS: B-41

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163040	F-A	F1.20R	SIU-86 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

H.P. SAFETY INJECTION LINE 3D-SI-1501 DRAWINGS: B-41

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163270	F-A	F1.20R	SIU-70 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

H.P. SAFETY INJECTION LINE 3D-SI-1501 (CONT.) DRAWINGS: B-41

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163300	C-F-1	C5.21	20 ELBOW-TO-PIPE	ASME	PT UT

97 -PT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: SEVERAL PORES IN WELD CROWN.  
UT: NO RECORDABLE INDICATIONS. PT & UT: > 90% COVERAGE OBTAINED - ACCEPTABLE.

H.P. SAFETY INJECTION LINE 3E-SI-1501 DRAWINGS: B-42

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163630	F-A	F1.20R	SIU-67 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

163680	F-A	F1.20R	SIU-64 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

163750	F-A	F1.20R	SIU-61 RIGID SUPPORT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

DRAWINGS: B-43

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
164030	F-A	F1.20V	SIU-22 VARIABLE SPRING	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 424, BERGEN PATTERSON VS1 - ACCEPTABLE.

164060	F-A	F1.20R	SIU-20 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

164070	F-A	F1.20R	SIU-19 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

164090	F-A	F1.20V	SIU-18 VARIABLE SPRING	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 528, BERGEN PATTERSON SIZE 8 VS1C - ACCEPTABLE.

164150	F-A	F1.20R	SIU-17 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

164190	F-A	F1.20R	SIU-14 RIGID SUPPORT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

H.P. SAFETY INJECTION LINE 4E-SI-1501 (CONT.) DRAWINGS: B-43

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
164200	F-A	F1.20R	SIU-15 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

164310	F-A	F1.20R	SIU-12 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

164320	F-A	F1.20V	SIU-11 VARIABLE SPRING	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & OTHER: ACTION REPORT 97-1795 GENERATED DUE TO DRAWING SPECIFIED SPRING CAN THAT WAS NOT INSTALLED IN THE FIELD. DWG WAS NOT UPDATED WHEN CHANGE OCCURED. USE-AS-IS CORNER LADA SIZE 5, SETTING 3/4" - ACCEPTABLE.

H.P. SAFETY INJECTION LINE 2S-SI-2501 DRAWINGS: B-44

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
164590	F-A	F1.20R	SIU-10 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT, MINOR BORIC ACID ON BASE PLATE - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

DRAWINGS: B-45

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
164870	F-A	F1.20R	SIU-9 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT, MONOR BORIC ACID ON BASE PLATE - ACCEPTABLE.

164950	C-F-1	C5.30	15 PIPE-TO-ELBOW	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

164960	C-F-1	C5.30	16 ELBOW-TO-PIPE	ASME	PT
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97 -PT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### CONTAINMENT SPRAY PUMP B OUTLET PIPING

DRAWINGS: B-47

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
168340	F-A	F1.20R	CSU-57 RIGID SUPPORT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: ARC STRIKES- ACTION REPORT 97-1207 GENERATED, USE-AS-IS PER ENGINEERING (ISIM-024) - ACCEPTABLE.

168342	C-C	C3.20	CSU-57 (IA) INTEGRAL ATTACHMENT	ASME	PT
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97 -PT: REJECT, ARC STRIKES, ACTION REPORT 97-1207 GENERATED, ACCEPTABLE PER ENGINEERING. 1/2" LAP WHERE ORIGINAL LINE UP LUGS WERE REMOVED, ACTION REPORT 97-2118 GENERATED, ACCEPTABLE PER ENGINEERING, NOT SERVICE INDUCED RE-EXAM IN 1999 - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

#### RESIDUAL HEAT EXCHANGER A

DRAWINGS: B-109

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
169042	C-B	C2.33	INSRHE-1A INLET NOZZLE-TO-SHELL WELD	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

169052	C-B	C2.33	ONSRHE-1A OUTLET NOZZLE-TO-SHELL WELD	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

169130	C-C	C3.10	1A-1 (IA) SUPPORT LEG #1 TO VESSEL WELD	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SUPPORT LEG MATERIAL TO BE CARBON STEEL AS PER JOSEPH OAT DRAWING 4807 REV 1 - ACCEPTABLE.

169140	C-C	C3.10	1A-2 (IA) SUPPORT LEG #2 TO VESSEL WELD	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SUPPORT LEG MATERIAL IS CARBON STEEL AS PER JOSEPH OAT DRAWING 4807 REV. 1 - ACCEPTABLE.

169150	C-C	C3.10	1A-3 (IA) SUPPORT LEG #3 TO VESSEL WELD	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SUPPORT LEGS ARE CARBON STEEL AS PER JOSEPH OAT DRAWING 4807 REV. 1 - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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.):

##### RESIDUAL HEAT EXCHANGER B

DRAWINGS: B-109

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
169242	C-B	C2.33	INSRHE-1B INLET NOZZLE-TO-SHELL WELD	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

169252	C-B	C2.33	ONSRHE-1B OUTLET NOZZLE-TO-SHELL WELD	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### SERVICE WATER LINE 6E-SW-125

DRAWINGS: B-51

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173645	----	F1.20A	PEN 316 ANCHOR ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

173646	----	C3.20	PEN 316 ANCHOR (IA) INTEGRAL ATTACHMENT	OE	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

##### SERVICE WATER LINE 6D-SW-125

DRAWINGS: B-51C

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
174295	----	F1.20A	PEN 311 ANCHOR ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

174296	----	C3.20	PEN 311 ANCHOR (IA) INTEGRAL ATTACHMENT	OE	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### SERVICE WATER LINE 6C-SW-125

DRAWINGS: B-52

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
174395	----	F1.20A	PEN 320 ANCHOR ANCHOR (IA)	OE	VT

97 -VT: INSIGNIFICANT: ARC STRIKES/SPATTER - ACCEPTABLE.

174396	----	C3.20	PEN 320 ANCHOR (IA) INTEGRAL ATTACHMENT	OE	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

SERVICE WATER LINE 8F-SW-125

DRAWINGS: B-52

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
174540	----	C3.20 SWU-91 (IA) INTEGRAL ATTACHMENT	OE	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

174550	----	F1.20R SWU-91 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

174610	----	C3.20 SWU-95 (IA) INTEGRAL ATTACHMENT	OE	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

SERVICE WATER LINE 8F-SW-125 (CONT.)

DRAWINGS: B-52

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
174620	----	F1.20R SWU-95 GUIDE (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

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

DRAWINGS: B-52B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175060	----	C3.20	SWU-46 (IA) INTEGRAL ATTACHMENT	OE	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

175070	----	F1.20R	SWU-46 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### SERVICE WATER LINE 8B-SW-125

DRAWINGS: B-53

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175480	----	F1.20R	SWU-43 RIGID RESTRAINT	OE	VT

97 -VT: REJECT; ACTION REPORT 97-1742, EXAM STATED WRONG STRUT SIZE.  
PO & MFG CATALOG ALONG WITH FIELD EXAM VERIFIED STRUT SIZE &  
MEASUREMENT - ACCEPTABLE AS IS.

##### SERVICE WATER LINE 8A-SW-125

DRAWINGS: B-53A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175780	----	C3.20	SWU-19 (IA) INTEGRAL ATTACHMENT	OE	MT

97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

### ATTACHMENT I

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

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

DRAWINGS: B-53A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175790	----	F1.20R	SWU-19 RIGID RESTRAINT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### 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
176140	----	F1.20R	AFU-218 (AFW-20) GUIDE (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: UNEVEN LEG ON 270  
DEGREE LUG BOTTOM SIDE - ACCEPTABLE.

176141	----	C3.20	AFU-218 (AFW-20) (IA) INTEGRAL ATTACHMENT	OE	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

176160	----	F1.20R	AFU-219 (AFW-21) GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

176161	----	C3.20	AFU-219 (AFW-21) (IA) INTEGRAL ATTACHMENT	OE	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

### ATTACHMENT I

#### C. CLASS 3 COMPONENTS:

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

DRAWINGS: C-4

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500525	F-A	F1.30R	CCU-137 RIGID RESTRAINT (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT, LUGS & PIPE ARE CORRODED, SOME AREAS NOT PAINTED. WORK REQUEST #018709 GENERATED TO REMOVE CORROSION & PAINT EXPOSED SURFACES. ACCEPTABLE.

500540	D-B	D2.20	CCU-139 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT; CORROSION ON PIPE IN PENETRATION.  
- ACCEPTABLE.

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

DRAWINGS: C-6

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500775	F-A	F1.30V	CCU-158 VARIABLE SPRING (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT. ON UPPER SPRING CAN ATTACHMENT BOLTS, ONE SPRING CAN HAS DOUBLE NUT ASSEMBLY, ONE SPRING CAN HAS SINGLE NUT ASSEMBLY. OK PER NCR'S 94-124 & 86-033. ACCEPTABLE.

500800	F-A	F1.30V	CCU-165 VARIABLE SPRING	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS. SETTING PER ME-303, COLD 1608 #'S, ACTUAL 1696. ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

COMP.COOL.PMPS.,SUC.FM RES.HT.EX.& SG.TK (CONT.)      DRAWINGS: C-6

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500810	F-A	F1.30R	CCU-166 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

500820	D-B	D2.40	CCU-167 (IA) INTEGRAL ATTACHMENT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WELD IS  
HEAVILY OXIDIZED, WR/TR 018786 GENERATED - ACCEPTABLE.

500825	F-A	F1.30V	CCU-167 VARIABLE SPRING (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WELD HEAVILY OXIDIZED,  
WO/TR 018786 GENERATED, SETTING 2918 #'S - ACCEPTABLE.

500840	D-B	D2.40	CCU-169 (IA) INTEGRAL ATTACHMENT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: CORROSION/OXIDIZATION ON  
INTEGRAL ATTACHMENT, WO/TR 018785 GENERATED - ACCEPTABLE.

500845	F-A	F1.30V	CCU-169 VARIABLE SPRING (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WR/TR 018785 GENERATED  
FOR CORROSION/OXIDIZATION ON INTEGRAL ATTACHMENT, SETTING 2013 #'S  
- ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

DRAWINGS: C-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501680	----	D2.20	SWU-176 (IA) INTEGRAL ATTACHMENT	OE	VT

97 -VT: INSIGNIFICANT; MINOR CORROSION ON IA LUGS - ACCEPTABLE.

501685	----	F1.30R	SWU-176 RIGID RESTRAINT (IA)	OE	VT
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97 -VT: REJECT; ACTION REPORT 97-1847 GENERATED TO ADDRESS BROKEN RETAINING RING ON PIN. RE-EXAM AFTER CORRECTIVE ACTION - ACCEPTABLE. PIN WAS REPLACED. INITIAL EXAM WAS NOT A CODE REQUIRED EXAM.

501800	----	D2.20	SWU-188 (IA) INTEGRAL ATTACHMENT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

501805	----	F1.30R	SWU-188 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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

DRAWINGS: C-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
501905	F-A	F1.30R	SWU-194 RIGID HANGER (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON PIPE, WELD & ATTACHMENT - 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 3 COMPONENTS (CONT.):

SVC.WTR.-TO COMP.COOL.& SP.FL.PIT HT.EXS. (CONT.) DRAWINGS: C-12

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
501930 D-C	D3.50	SWU-197 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON  
INTEGRAL ATTACHMENT, > 90% COVERAGE OBTAINED - ACCEPTABLE.

501935 F-A	F1.30R	SWU-197 RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON  
INTEGRAL ATTACHMENT - ACCEPTABLE.

501940 D-C	D3.50	SWU-198 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON  
PIPE & INTEGRAL ATTACHMENT, > 90% COVERAGE OBTAINED - ACCEPTABLE.

501945 F-A	F1.30R	SWU-198 RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON  
INTEGRAL ATTACHMENT - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

SVC.WTR.-FROM PEN. 308,311,315 & 323

DRAWINGS: C-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502440	D-B	D2.20	SWU-295 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

502445	F-A	F1.30R	SWU-295 RIGID HANGER (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

SVC.WTR.-INTERMED. BLDG.16" & 20" HDRS.

DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502720	D-B	D2.20	SWU-316 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: PIPE INTEGRAL ATTACHMENTS CORRODED. NORTH IA THICKNESS 1/8". PER ENG. MEMO-PIPE LUGS ARE NOT UTILIZED WITHIN NEW DESIGN, ABANDOME IN PLACE, USE-AS-IS - ACCEPTABLE.

502725	F-A	F1.30R	SWU-316 GUIDE (IA)	ASME	VT
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97 -VT: INSIGNIFICANT, OTHER; ACCEPTABLE PER ENGINEERING MEMO, CORROSION EXISTS ON THE LUG PART OF THE SUPPORT NOT THE PRESSURE BOUNDARY.

502825	D-B	D2.20	SWU-327 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: REJ: ACTION REPORT 97-1849 GENERATED FOR THINNING OF LUG DUE TO RUST, - ACCEPTABLE PER ENGINEERING, > 90% COVERAGE OBTAINED. WO# 19702317 GENERATED TO CLEAN UP WELD AND PAINT. RE-EXAM -ACCEPTABLE

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

SVC.WTR.-INTERMED. BLDG.16" & 20" HDRS. (CONT.) DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
502830	F-A	F1.30V	SWU-327 VARIABLE SPRING (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 1734, - ACCEPTABLE.

SVC.WTR.-INTMD.BLDG.14"HD.TO CHILL. A&B DRAWINGS: C-16A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503120	D-B	D2.20	SWU-349 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON PIPE & WELD. > 90% COVERAGE OBTAINED - ACCEPTABLE.

503125	F-A	F1.30R	SWU-349 RIGID SUPPORT (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: FLOOR ATTACHMENT PLATE ON DWG IS 8 X 5 X 1/2" IS ACTUALLY 10 X 5 X 1/2", WEEP HOLE PAINTED SHUT - HOLE OPENED BY NDE TECH - ACCEPTABLE.

503130	D-B	D2.20	SWU-350 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: MINOR CORROSION ON PIPE AND WELD, > 90% COVERAGE OBTAINED - ACCEPTABLE.

503135	F-A	F1.30R	SWU-350 RIGID SUPPORT (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: FLOOR ATTACHMENT PLATE ON DWG IS 8 X 8 X 5/8" IS ACTUALLY 8 X 10 X 5/8" - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

SVC.WTR.-INTMD.BLDG.14"HD.TO CHILL. A&B (CONT.) DRAWINGS: C-16A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503170	D-B	D2.20	SWU-354 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503175	F-A	F1.30R	SWU-354 RIGID RESTRAINT (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

SVC.WTR.-INTMD.BLDG.16" & 20" HEADERS DRAWINGS: C-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503215	F-A	F1.30R	SWU-362 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
503335	F-A	F1.30R	SWU-619 (N730) GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: 1/16" TOLERANCE FOR  
CLEARANCE. 0 CLEARANCE ON EAST SIDE, 1/8" OPPOSITE. > 90% COVERAGE OBTAINED  
- ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### 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
503345	F-A	F1.30R	SWU-620 (N731) GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503355	F-A	F1.30R	SWU-621 (N732) GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503365	F-A	F1.30R	SWU-622 (N733) GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503370	D-B	D2.20	SWU-623 (N734) (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503375	F-A	F1.30R	SWU-623 (N734) GUIDE (IA)	ASME	VT
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97 -VT: NO RECORDABLE, INSIG. & REJ.: ITEM #9-WASHER NOT INSTALLED, LIGHT CORROSION. SADDLE DISTORTED. ACTION REPORT 97-2105 GENERATED. PART 2 LETTER C JUSTIFIES CONTINUED OPERABILITY. NOT SERVICE INDUCED.

503380	D-B	D2.20	SWU-624 (N735) (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: INSIGNIFICANT: CORROSION, RANDOM AND MODERATE, SEE NCR 88-028  
- ACCEPTABLE. > 90% COVERAGE OBTAINED.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

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

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
503385 F-A	F1.30R	SWU-624 (N735) GUIDE (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: CORROSION - ACCEPTABLE.  
> 90% COVERAGE OBTAINED.

503435 F-A	F1.30R	SWU-629 (N740) GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503470 D-B	D2.20	SWU-633 (N744) (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

503475 F-A	F1.30R	SWU-633 (N744) RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

503480 D-B	D2.20	SWU-634 (N745) (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

503485 F-A	F1.30R	SWU-634 (N745) RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

### ATTACHMENT I

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

AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1F

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505050	F-A	F1.30R	AFU-13 RIGID RESTRAINT (NRC 50%)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505070	F-A	F1.30R	AFU-15 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505090	F-A	F1.30R	AFU-17 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505105	F-A	F1.30R	AFU-18 RIGID RESTRAINT (IA) (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

505130	F-A	F1.30R	AFU-21 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505150	F-A	F1.30R	AFU-23 GUIDE (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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1. Owner Rochester Gas & Electric Corp., 89 East Ave., Rochester NY 14649
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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
505160	F-A	F1.30R	AFU-24 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505200	F-A	F1.30R	AFU-28 RIGID HANGER (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505210	F-A	F1.30R	AFU-29 GUIDE (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505340	F-A	F1.30R	AFU-36' RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505400	F-A	F1.30R	AFU-42 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505420	F-A	F1.30R	AFU-44 GUIDE (NRC 50%)	OE	VT
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97 -VT: 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 Exam Number Categ	Item Number	Component	Component Type	NDE Exam
505430 F-A	F1.30V	AFU-45 VARIABLE SPRING	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 315#'S, SERIAL # N-EG-13512-82-300-B,  
TYPE B, SIZE 5.

505450 F-A	F1.30R	AFU-47 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505460 D-B	D2.20	AFU-48 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505465 F-A	F1.30R	AFU-48 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505470 D-B	D2.20	AFU-49 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505475 F-A	F1.30R	AFU-49 GUIDE (IA)	OE	VT
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97 -VT: 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
505570	F-A	F1.30R	AFU-107 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

TURB AUX FW PUMP DISCHARGE

DRAWINGS: C-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505616	F-A	F1.30R	N960 RIGID HANGER	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505618	F-A	F1.30R	N961 RIGID HANGER	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505620	D-B	D2.20	AFU-62 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
505625 F-A	F1.30R	AFU-62 RIGID SUPPORT (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505650 F-A	F1.30R	AFU-65 RIGID RESTRAINT (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505660 D-B	D2.20	AFU-66 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

505665 F-A	F1.30R	AFU-66 RIGID RESTRAINT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505770 F-A	F1.30R	AFU-77 GUIDE (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505790 F-A	F1.30R	AFU-79 GUIDE (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505800 F-A	F1.30R	AFU-80 RIGID HANGER	OE	VT
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97 -VT: 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-1

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
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505810 D-B	D2.20	AFU-90 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

505815 F-A	F1.30A	AFU-90 ANCHOR (IA) (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505830 F-A	F1.30R	AFU-92 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505850 F-A	F1.30R	AFU-94 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505860 F-A	F1.30R	AFU-95 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505880 F-A	F1.30V	AFU-97 VARIABLE SPRING (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: HEAVY RUST INSIDE SPRING CAN, WR/TR GENERATED. SETTING 347 - 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-1

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
505900 F-A	F1.30R	AFU-81 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505910 D-B	D2.20	AFU-82 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505915 F-A	F1.30R	AFU-82 RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505950 F-A	F1.30R	AFU-86 RIGID RESTRAINT (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505965 F-A	F1.30A	AFU-112 ANCHOR (IA) (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505970 F-A	F1.30R	AFU-113 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

505990 F-A	F1.30R	AFU-115 GUIDE	OE	VT
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97 -VT: 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-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
506000	F-A	F1.30R	AFU-116 RIGID RESTRAINT	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

506015	F-A	F1.30R	AFU-117 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

506020	F-A	F1.30R	AFU-118 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

506030	F-A	F1.30R	AFU-119 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

506050	F-A	F1.30R	AFU-121 RIGID RESTRAINT	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

506060	F-A	F1.30V	AFU-122 VARIABLE SPRING	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 190 - 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
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5. Commercial Service Date July 1970 6. National Board Number for Unit N/A

### ATTACHMENT I

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

STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C

DRAWINGS: C-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507370	D-B	D2.20	AFU-274 (AFW-87) (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: SHIM #10 INSTALLED BEHIND ITEM #1, TOP & BOTTOM, TO ENSURE CONTACT WITH WALL - ACCEPTABLE.

507375	F-A	F1.30A	AFU-274 (AFW-87) ANCHOR (IA) (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: SHIM #10 INSTALLED BEHIND ITEM #1, TOP & BOTTOM, TO ENSURE CONTACT WITH WALL - ACCEPTABLE.

507410	F-A	F1.30R	AFU-162 (AFW-91) GUIDE (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

SAFW PUMP A RECIRC TO CONDENSATE SUPPLY TK

DRAWINGS: C-22A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507482	F-A	F1.30R	AFU-166 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507483	F-A	F1.30R	AFU-167 GUIDE	OE	VT
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97 -VT: 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.):

SAFW PUMP A RECIRC TO CONDENSATE SUPPLY TK (CONT.) DRAWINGS: C-22A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507484	F-A	F1.30R	AFU-168 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C DRAWINGS: C-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507525	D-B	D2.20	AFU-194 (AFW-100) (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507526	F-A	F1.30A	AFU-194 (AFW-100) ANCHOR (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

507530	D-B	D2.20	AFU-193 (AFW-101) (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

507535	F-A	F1.30A	AFU-193 (AFW-101) ANCHOR (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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### ATTACHMENT I

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

STANDBY AUX FW FRM PEN 119 - AUX FW PUMP C (CONT.) DRAWINGS: C-23

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
507600	F-A	F1.30R	AFU-191 (AFW-105) GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: 1/16" SHIM USED TO MEET 0" GAP AT BOTTOM OF PIPE - ACCEPTABLE.

STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D DRAWINGS: C-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508340	D-B	D2.20	AFW-116 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

508345	F-A	F1.30A	AFW-116 ANCHOR (IA) (NRC 50%)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

AFU-STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D DRAWINGS: C-22

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508440	D-B	D2.20	AFU-188 (AFW-107) (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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### ATTACHMENT I

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

STANDBY AUX FW FRM PEN 123 - AUX FW PUMP D

DRAWINGS: C-22

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508445	F-A	F1.30R	AFU-188 (AFW-107) GUIDE (IA)	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

SAFW PUMP B RECIRC TO CONDENSATE SUPPLY TK

DRAWINGS: C-22

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508470	F-A	F1.30A	AFU-171 (AFW-117) ANCHOR (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508475	D-B	D2.20	AFU-171 (AFW-117) (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508476	F-A	F1.30R	AFU-172 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508477	F-A	F1.30R	AFU-173 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

508478	F-A	F1.30R	AFU-174 GUIDE	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### SW SUPPLY TO SAFW PUMP D

DRAWINGS: C-28

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
508933	F-A	F1.30R	SWU-514 (SW-142) GUIDE (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### MAIN STEAM SUPPLY TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
509000	D-B	D2.20	MSU-62 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

509005	F-A	F1.30R	MSU-62 RIGID SUPPORT (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### MAIN STEAM LOOP A TO AUX FW PUMP TURBINE

DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
509210	D-B	D2.20	MSU-83 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

509215	F-A	F1.30R	MSU-83 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

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### ATTACHMENT I

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

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

DRAWINGS: C-1G

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
510055 D-B	D2.20	AFU-140 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

510060 F-A	F1.30R	AFU-140 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### AUX FW PUMP B FLOW CONTROL BYPASS

DRAWINGS: C-1H

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
510090 F-A	F1.30R	AFU-57 GUIDE	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

510095 D-B	D2.20	AFU-58 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

510100 F-A	F1.30R	AFU-58 GUIDE (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

#### COMPONENT COOLING WATER SURGE TANK

DRAWINGS: C-42

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====
555400 D-B	D2.20	CCWST-1 (IA) INTEGRAL ATTACHMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS, STITCH WELD 6" X 2" (2" L6" C TO C) - ACCEPTABLE.

555450 F-A	F1.40	CCWST-1 RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

555500 D-B	D2.20	CCWST-2 (IA) INTEGRAL ATTACHMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, 2" LONG STITCH WELDS, 6" ON CENTER,  
- ACCEPTABLE.

555550 F-A	F1.40	CCWST-2 RIGID SUPPORT (IA)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### D. HIGH ENERGY COMPONENTS:

##### MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200005	HE-DB	----	D PIPE-TO-ELBOW PEN. 401	AUG	VT MT RT

97 -VT & MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.  
RT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: NO APPARENT CHANGE SINCE  
LAST EXAM, > 90% COVERAGE OBTAINED - ACCEPTABLE.

200010	HE-DB	----	D1 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT:  
COUNTERBORE & SLAG @ 24" - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

200015	HE-DB	----	F1 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: 1/4"  
SLAG @ 16", SCATTERED CORROSION - ACCEPTABLE. > 90% COVERAGE OBTAINED IN  
ALL METHODS.

##### MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200030	HE-DB	----	D PIPE-TO-ELBOW PEN. 402	AUG	VT MT RT

97 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. VT: INSIGNIFICANT: GOUGES @  
46", 2 3/4" LONG, 3/8" WIDE, 1/32" DEEP. LOCALIZED CORROSION & PITTING,  
1/64" TO 1/32" - ACCEPTABLE. RT: INSIGNIFICANT: - ACCEPTABLE. ALL METHODS >  
90% COVERAGE OBTAINED.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### MAIN STEAM LOOP B OUTSIDE CV (CONT.) DRAWINGS: B-10A

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

97 -MT: NO RECORDABLE INDICATIONS. VT: INSIGNIFICANT: GOUGES 4, APPEARS TO BE FROM LINE UP LUG REMOVAL LOCATED AT 24 3/8" < 1/32" DEEP. RT: INSIGNIFICANT: SMALL PITS & PORE. NO CHANGE SINCE LAST EXAM.

200040	HE-DB	J1 PIPE-TO-ELBOW	AUG	VT MT UT
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97 -TAKING CREDIT FOR ISI EXAMINATION PERFORMED UNDER SUMMARY NUMBER 088400. VT, MT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

#### FEEDWATER LOOP A OUTSIDE CV DRAWINGS: HE-5

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

97 -VT & MT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: APPROX. 85% OF WELD EXAMINED. UT: NO RECORDABLE INDICATIONS, APPROX. 90% COVERAGE OBTAINED. ALL EXAMINATIONS ACCEPTABLE.

200065	HE-DB	U2 PIPE-TO-ELBOW	AUG	VT MT UT
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97 -VT, MT & UT: > 90% COVERAGE OBTAINED - ACCEPTABLE. MT: 3 INDICATIONS; 1/4" LONG @ 22", 1 3/4" LONG @ 22 1/4", & 5/8" LONG @ 23 1/4"; INDICATIONS FROM PIPING FABRICATION PROCESS, NOT SERVICE INDUCED, SEE METALLURGIST REPORT - ACCEPTABLE AS IS.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

#### FEEDWATER LOOP A OUTSIDE CV (CONT.) DRAWINGS: HE-5

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
200070 HE-DB	----	AA PIPE-TO-PIPE	AUG	VT MT UT

97 -VT, MT & UT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: - ACCEPTABLE.  
SEE METALLURGICAL REPORT FOR MT INDICATIONS, INDICATIONS WERE DUE TO ORIGINAL  
CONSTRUCTION - ACCEPTABLE.

#### FEEDWATER LOOP B OUTSIDE CV DRAWINGS: HE-5

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
200080 HE-DB	----	F4 ELBOW-TO-PIPE	AUG	VT MT UT

97 -VT, MT & UT; NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED, NO CHANGE  
SINCE LAST EXAMINATION - ACCEPTABLE.

200085 HE-DB	----	N VALVE (3994) -TO-ELBOW	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS. RT: INSIGNIFICANT: DROP THROUGH,  
IUC, CASTING INDICATIONS & CONCAVITY - ACCEPTABLE. > 90% COVERAGE OBTAINED.

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### ATTACHMENT I

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

##### MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
200100 HE-CB	----	D2 PIPE-TO-ELBOW	AUG	VT MT RT

97 -VT, MT & RT: - ACCEPTABLE. > 90% COVERAGE OBTAINED, NO APPARENT CHANGE SINCE LAST EXAMINATION, LONG SEAM ON INNER & OUTERDOSE OF ELBOW.

200105 HE-CB	----	D3 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.  
RT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: NO APPARENT CHANGE SINCE LAST EXAM, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### FEEDWATER TURBINE BUILDING

DRAWINGS: HE-6

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
200325 HE-CB	----	A 8" BRANCH WELD	AUG	VT MT

97 -VT & MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.  
RT: NO RT PERFORMED DUE TO CONFIGURATION.

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### ATTACHMENT I

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

##### FEEDWATER TURBINE BUILDING (CONT.)

DRAWINGS: HE-6

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200330	HE-CB	----	B 8" BRANCH WELD-TO-ELBOW	AUG	VT MT RT

97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: PORE @ 2.5", POROSITY @ 13", 21 1/2" & 22 1/2", PITTING & CORROSION IN PIPE SIDE - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

##### FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200365	HE-CB	----	T2 PIPE-TO-ELBOW	AUG	VT MT RT

97 -VT, MT & RT; NO RECORDABLE INDICATIONS & INSIGNIFICANT: > 90% COVERAGE OBTAINED - ACCEPTABLE.

200370	HE-CB	----	T3 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT, MT & RT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: RT POROSITY, > 90% COVERAGE OBTAINED - ACCEPTABLE.

200375	HE-CB	----	U7 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. VT: INSIG: NCR89-346 ADDRESSED THE REMNANT ON THE WELD CAP - ACCEPT. RT: INSIGNIFICANT: TUNGSTEN, CONCAVITY & POROSITY, SEE EXAM RECORD FOR DETAILS - ACCEPT. > 90% COVERAGE OBTAINED IN ALL EXAM METHODS.



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### ATTACHMENT I

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

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

DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200380	HE-CB	----	U5 PIPE-TO-ELBOW	AUG	VT MT RT

97 -VT & MT: NO RECORDABLE INDICATIONS. RT: NO RECORDABLE INDICATIONS  
& INSIGNIFICANT - COUNTERBORE - ACCEPTABLE. > 90% COVERAGE OBTAINED WITH  
VT & RT. APPROX. 80% OF WELD EXAMINED WITH MT DUE TO PENETRATION.

200385	HE-CB	----	U6 ELBOW-TO-ELBOW	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS. RT: NO RECORDABLE & INSIGNIFICANT;  
ROUNDED INDICATION @ 30" = 1/16". ACCEPTABLE.

200390	HE-CB	----	V ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT:  
SLAG, POROSITY, IUC & DROP THROUGH AT VARIOUS LOCATIONS - ACCEPTABLE.  
> 90% COVERAGE OBTAINED IN ALL METHODS.

200395	HE-CB	----	VA PIPE-TO-FLANGE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS, < 80% COVERAGE OBTAINED DUE TO SUPPORT  
CLAMP WITHIN 1/4" OF TOE OF WELD. REMOVAL NOT REQUIRED, NOT ASME CODE EXAM.  
RT: INSIG: NO BACKING STRIP AT VARIOUS LOCATIONS/LOOSE, POROSITY, > 90%  
COVERAGE OBTAINED-ACCEPT

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

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

DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200400	HE-CB	----	VB PIPE-TO-FLANGE	AUG	VT MT RT

97 -VT: INSIGNIFICANT, GRIND OUT LESS THAN 1/32". MT: NO RECORDABLE INDICATIONS.  
RT: NO RECORDABLE INDICATIONS & INSIGNIFICANT; INTERNAL CONCAVITY  
@ 0". ACCEPTABLE.

##### FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200465	HE-CB	----	F3 PIPE-TO-ELBOW	AUG	VT MT RT UT

97 -VT, MT & UT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT:  
1/16" PORE @ 11" - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

200470	HE-CB	----	F5 ELBOW-TO-PIPE	AUG	VT MT UT
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97 -VT, MT & UT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: > 90% COVERAGE OBTAINED  
- ACCEPTABLE.

200475	HE-CB	----	F1 PIPE-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS, APPROX. 82% OF WELD EXAMINED.  
RT: INSIGNIFICANT & GEOMETRY, > 90% COVERAGE OBTAINED. ALL EXAMS ACCEPTABLE.



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### ATTACHMENT I

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

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

DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200480	HE-CB	----	F2 PIPE-TO-ELBOW	AUG	VT MT UT

97 -MT, VT & UT: > 90% COVERAGE OBTAINED - ACCEPTABLE. NO CHANGE SINCE LAST EXAM.

200485	HE-CB	----	G ELBOW-TO-PIPE	AUG	VT MT UT
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97 -VT, MT & UT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: > 90% COVERAGE OBTAINED - ACCEPTABLE.

200490	HE-CB	----	G2 PIPE-TO-ELBOW	AUG	VT MT RT
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97 -MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: ARC STRIKES WERE SURFACE CONDITIONED PRIOR TO '97 - SEE ISIM-022 - ACCEPT. RT: INSIGNIFICANT: PIT & ROUNDED INDICATION - ACCEPT. > 90% COVERAGE OBTAINED.

200495	HE-CB	----	G1 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: ARC STRIKES WERE SURFACE CONDITIONED - SEE ISIM-022 -ACCEPTABLE. MT:NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: PITTING - ACCEPTABLE. > 90% COVERAGE OBTAINED.

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### ATTACHMENT I

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

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

DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200500	HE-CB	----	G3 PIPE-TO-ELBOW	AUG	VT MT RT

97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: 1/4" SLAG @ 23 3/8", PORE @ 23 3/4" - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

200505	HE-CB	----	G4 ELBOW-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: IUC @ 32" - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

200510	HE-CB	----	H PIPE-TO-PIPE	AUG	VT MT RT
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97 -VT: INSIGNIFICANT: HAMMER MARKD - ACCEPTABLE. MT: NO RECORDABLE INDICATIONS - ACCEPT. RT: INSIGNIFICANT: 1/8" PORE @ .75", EROSION OF BACKING RING AT VARIOUS LOCATIONS (7", 16" & 36"), IVC @ 30"-32" - ACCEPT. > 90% COVERAGE OBTAINED ALL METHODS.

200525	HE-CB	----	H1 PIPE-TO-PIPE	AUG	VT MT RT
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97 -VT & MT: NO RECORDABLE INDICATIONS - ACCEPTABLE. RT: INSIGNIFICANT: TUNGSTEN, PORES, PITTING & IUC AT VARIOUS LOCATIONS, SEE EXAM RECORD FOR DETAILS - ACCEPTABLE. > 90% COVERAGE OBTAINED IN ALL METHODS.

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### ATTACHMENT I

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

##### MAIN STEAM TURBINE BUILDING

DRAWINGS: HE-7A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201140	HE-CS	*F1.20S	MS-150 (S7) HYDRAULIC SNUBBER (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: SETTING 2 1/4", MINOR WEEPING OF FLUID @ RESIVOR FITTINGS, WR/TR 018768 GENERATED - ACCEPTABLE.

201141	HE-IA	*C3.20	MS-150 (S7) (IA) INTEGRAL ATTACHMENT	AUG	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.

##### FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201560	HE-CS	*F1.20V	FWU-19 VARIABLE SPRING	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 3559 - ACCEPTABLE.

201620	HE-CS	*F1.20V	FWU-22 VARIABLE SPRING	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTINGS 1241#'S EAST, 1173#'S WEST, - ACCEPTABLE.

201740	HE-CS	*F1.20A	FWU-28 ANCHOR (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, < 90% COVERAGE OBTAINED DUE TO LIMITATIONS OF SUPPORT - NOT ASME SECTION XI CODE EXAM - CLASS Q LINE - ACCEPTABLE.

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### ATTACHMENT I

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

##### FEEDWATER LOOP A OUTSIDE CV (CONT.) DRAWINGS: B-11

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201741	HE-IA	*C3.20	FWU-28 (IA) INTEGRAL ATTACHMENT	AUG	MT

97 -MT: NO RECORDABLE INDICATIONS, < 90% COVERAGE OBTAINED DUE TO LIMITATIONS OF SUPPORT, NOT ASME SECTION XI CODE EXAM - CLASS Q LINE - ACCEPTABLE.

##### FEEDWATER LOOP B OUTSIDE CV DRAWINGS: HE-5

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
202000	HE-CS	*F1.20V	FWU-31 VARIABLE SPRING	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2797 - ACCEPTABLE.

##### MAIN FEEDWATER LINE OUTSIDE CV DRAWINGS: HE-6

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
202140	HE-CS	*F1.20V	FW-39 (S27) VARIABLE SPRING	OE	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING = 6009#'S - ACCEPTABLE.

202240	HE-CS	*F1.20A	FW-45 (S32) ANCHOR (IA)	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS, < 70% COVERAGE OBTAINED, NOT A CODE EXAM - ACCEPTABLE.

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### ATTACHMENT I

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

MAIN FEEDWATER LINE OUTSIDE CV (CONT.) DRAWINGS: HE-6

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
202241	HE-IA	*C3.20	FW-45 (S32) (IA) INTEGRAL ATTACHMENT	AUG	MT

97 -MT: NO RECORDABLE INDICATIONS, < 50% COVERAGE OBTAINED, NOT A CODE EXAM  
- ACCEPTABLE.

FEEDWATER RECIRC LINE

DRAWINGS: HE-6

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
202360	HE-CS	*F1.20R	CD-170 (S38) GUIDE (IA)	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

202361	HE-IA	*C3.20	CD-170 (S38) (IA) INTEGRAL ATTACHMENT	AUG	MT
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97 -MT: NO RECORDABLE INDICATIONS, > 90% COVERAGE OBTAINED - ACCEPTABLE.



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### ATTACHMENT I

#### E. LEAKAGE TESTING:

#### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

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

97 -VT: NO RECORDABLE INDICATIONS AFTER REWORK ON 11/18/97, - ACCEPTABLE.  
SEE EXAM FOR DETAILS.

411100	C-H	IWC5221	MAINSTEAM INSIDE CONTAINMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS, EXAM OF MS SYSTEM INSIDE CONTAINMENT  
ON BOTH LOOPS PERFORMED - ACCEPTABLE.

411200	C-H	IWC5221	MAINSTEAM OUTSIDE CONTAINMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE. FROM PEN. 401/402, ALL CLASS  
2 AND 3 PIPING.

411300	D-B	IWD5221	MS TO TDAFWP	ASME	VT
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97 -VT: INSIGNIFICANT: WR/TR 18798 GENERATED FOR LIGHT RUST ON STEM OF  
V4347C, LEAKAGE ON SWING ARM OF CHECK VALVE 3504B - ACCEPTABLE.

411500	C-H	IWC5221	FW INSIDE CONTAINMENT FEEDWATER SYSTEM INCV	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

411700	D-B	IWD5221	AUX FW "A" PUMP	ASME	VT
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97 -VT: REJECT; PACKING LEAK ON V4357. WO 018761 GENERATED. RE-EXAM -  
NO EVIDENCE OF LEAKAGE - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

#### LEAKAGE TESTING (CONT.):

##### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

Summary Exam	Item				NDE
Number	Categ	Number	Component	Component Type	Exam
=====	=====	=====	=====	=====	=====
411800	D-B	IWD5221	AUX FW "B" PUMP	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WR/TR WRITTEN TO ADDRESS V4350 LEAK ( 1 DROP EVERY 1 1/2 MIN. FROM STEM) - ACCEPTABLE.

##### LEAKAGE EXAMINATIONS HIGH ENERGY

DRAWINGS: N/A

Summary Exam	Item				NDE
Number	Categ	Number	Component	Component Type	Exam
=====	=====	=====	=====	=====	=====
412200	HE-LK	----	HE FEEDWATER	AUG	VT

97 -VT: REJECT; V-4285 CAP LEAKING. RE-EXAM AFTER REWORK, - ACCEPTABLE.

##### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

Summary Exam	Item				NDE
Number	Categ	Number	Component	Component Type	Exam
=====	=====	=====	=====	=====	=====
412300	C-H	IWC5221	STEAM GEN BLOWDOWN INSIDE CONTAINMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

412400	C-H	IWC5221	STEAM GEN BLOWDOWN OUTSIDE CONTAINMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: PACKING LEAK ON V5734, < 1 DROP PER MIN. (WO WRITTEN) - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### LEAKAGE TESTING (CONT.):

#### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
412500	C-H	IWC5221	SAFETY INJECTION "A" PUMP IN/OUT CONTAINMENT	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WR/TR GENERATED FOR DRY BORON ON BONNET & PACKING GLAND ON VALVES 840B & 828A - ACCEPTABLE. BORON ON PACKING AREA OF V825A - ACCEPTABLE.

412600	C-H	IWC5221	SAFETY INJECTION "B" PUMP IN/OUT CONTAINMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WR/TR 018777 GENERATED FOR DRY BORON ON PACKING GLAND ON VALVES 8284, 840B & BONNET OF VALVE 840B; - ACCEPTABLE.

412700	C-H	IWC5221	SAFETY INJECTION "C" PUMP OUTSIDE CONTAINMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: BORIC ACID ON THE FOLLOWING: 871A, 870B, 1816A, 1815B, WO/TR 018800 GENERATED - ACCEPTABLE.

412800	C-H	IWC5221	SAFETY INJECTION ACCUMULATOR 1 (A)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: BORIC ACID RESIDUE RANDOM LIGHT AND DRY - ACCEPTABLE.

412900	C-H	IWC5221	SAFETY INJECTION ACCUMULATOR 2 (B)	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: V865 PACKING LEAK - BORIC ACID RESIDUES RANDOM DRY & LIGHT. V865 PACKING LEAK REPAIRED ON 11/18/97 VERIFIED NDE EXAMINER - ACCEPTABLE.

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### ATTACHMENT I

#### LEAKAGE TESTING (CONT.):

#### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
413200	C-H	IWC5221	RHR LOW PRESSURE "A" PUMP	ASME	VT

97 -VT: INSIGNIFICANT: WO 19703045 GENERATED FOR SLIGHT BORON ACCUMULATION (DRY) NOTED ON BONNET TO BODY OF V850A & PACKING OF 705C - ACCEPTABLE.

413300	C-H	IWC5221	RHR LOW PRESSURE "B" PUMP	ASME	VT
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97 -VT: INSIGNIFICANT: WO 19703045 GENERATED TO ADDRESS SLIGHT BORON ACCUMULATION (DRY) NOTED ON BONNET TO BODY OF V850A & PACKING OF 705C - ACCEPTABLE.

413400	C-H	IWC5221	RHR PUMP "A" IN/OUT CONT.	ASME	VT
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97 -VT: REJECT; BA ON VALVES 711A, 700, 701, 720, 721, 715 & 2747 (WO GENERATED) LEAK ON FLANGE OF "A" RHR HX - 1 DROP EVERY 45 SEC. ACTION REPORT 97-1623 GENERATED. PERFORMED VT ON BOLTING, RE-EXAM - ACCEPTABLE.

413500	C-H	IWC5221	RHR PUMP "B" IN/OUT CONT.	ASME	VT
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97 -VT: REJ: ACTION REPORT 97-1622 GENERATED TO ADDRESS BA RESIDUE ON FLANGE & BOLTING ON RHR HT EX "B". BOLTING IN QUESTION WAS REMOVED AND VT EXAM EVALUATION. BOLTING REPLACED, RE-EXAMINED. VT EXAM ACCEPTABLE. SYSTEM ENG. ACCEPTED BOLTING CORROSION

413900	D-A	IWD5221	SERVICE WATER INSIDE CONTAINMENT	ASME	VT
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97 -VT: INSIGNIFICANT: MILD RANDOM CORROSION - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### LEAKAGE TESTING (CONT.):

#### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
414100	D-A	IWD5221	SERVICE WATER TO AUX FW PUMP "A"	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

414200	D-A	IWD5221	SERVICE WATER TO AUX FW PUMP "B"	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: WR/TR GENERATED FOR VALVE  
4350 LEAK FROM STEM ( 1 DROP EVERY 1.5 MIN.) - ACCEPTABLE.

414700	C-H	IWC5221	LETDOWN SYSTEM IN/OUT CONTAINMENT	ASME	VT
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97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: BORIC ACID RESIDUES -  
RANDOM - LIGHT; - ACCEPTABLE.

414900	C-H	IWC5221	BORIC ACID TANKS & PIPING	ASME	VT
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97 -VT: INSIGNIFICANT: WR/TR 018745 GENERATED TO ADDRESS BA ON VALVE PACKING,  
V827A, 826C - ACCEPTABLE.

415500	D-B	IWD5221	SPENT FUEL POOL COOLING-A	ASME	VT
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97 -VT: INSIGNIFICANT: WR/TR 018739 GENERATED TO ADDRESS BA RESIDUE ON V782,  
8655 & 8614. MINOR CORROSION ON FLANGE FE8667 - ACCEPTABLE.

415550	D-B	IWD5221	SPENT FUEL POOL COOLING-B	ASME	VT
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97 -VT: INSIGNIFICANT: WR/TR 018739 GENERATED FOR BA ON VALVE PACKING - V782,  
8655 & 8614. MINOR CORROSION ON FLANGE FE8667 - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### LEAKAGE TESTING (CONT.):

#### LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: N/A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
415600	C-H	IWC5221	PRESSURIZER (TRC01) CLASS 2 INSTRUMENTATION	ASME	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: RANDOM BORIC ACID RESIDUES REMOVED, - ACCEPTABLE.

415650	C-H	IWC5221	RPV (RPC01) CLASS 2 INSTRUMENTATION	ASME	VT
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97 -VT: INSIGNIFICANT: V593A BORIC ACID RESIDUE FOUND, DECON & TIGHTEN STEM NUTS, RECHECKED SWAGelok FITTING TO V500 - ACCEPTABLE.

#### F. STEAM GENERATOR EDDY CURRENT EXAMINATIONS:

#### STEAM GENERATOR A

DRAWINGS: N/A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
802500	B-Q	B16.20	OPEN GENERATOR TUBES BOBBIN COIL - 100% FL	ASME	ET VT

97 -ET: 100% OF THE "A" S/G WAS EXAMINED, SEE 1997 S/G EDDY CURRENT FINAL REPORT FOR DETAILS. VT: PERFORMED ON THE THIMBLE TUBE PLUG, NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

#### STEAM GENERATOR EDDY CURRENT EXAMINATIONS: (CONT.)

##### STEAM GENERATOR B

DRAWINGS: N/A

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
803500	B-Q	B16.20	OPEN GENERATOR TUBES BOBBIN COIL - 100% FL	ASME	ET VT

97 -ET: 100% OF THE "B" S/G WAS EXAMINED, SEE 1997 S/G EDDY CURRENT FINAL REPORT FOR DETAILS. VT: PERFORMED ON THE THIMBLE TUBE PLUG, NO RECORDABLE INDICATIONS - ACCEPTABLE.

#### G. SNUBBER PROGRAM COMPONENTS:

##### STEAM GENERATOR B

DRAWINGS: A-7F

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600130	SN-VT	----	SGB-4 HYDRAULIC SNUBBER	AUG	VT

97 -VT: INSIGNIFICANT: LOWER BOLTS FACING WALL CUT DIAGONALLY & NO FULL THREAD ENGAGEMENT 360 DEG W/ NOT. ACCEPTABLE. ON GENERATOR SIDE THE BOTTOM RIGHT & NEAR BOTTOM LEFT LOCK NUTS DO NOT HAVE FULL THREAD ENGAGEMENT, SNUBBER WET FROM INSTALLATION - ACCEPTABLE.

600131	SN-FT	----	SGB-4 HYDRAULIC SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # AH-16 - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

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### ATTACHMENT I

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

##### 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

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2" - ACCEPTABLE.

600201	SN-FT	----	AFU-3 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 20925 - ACCEPTABLE.

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

DRAWINGS: C-1C

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
600320	SN-VT	----	AFU-101 MECHANICAL SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 3 1/4", SERIAL # 15751  
- ACCEPTABLE.

600321	SN-FT	----	AFU-101 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 15751 - ACCEPTABLE.

##### 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

97 -VT: NO RECORDABLE INDICATIONS, SETTING 1 5/8" - 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

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

AUX. COOL LINE 4S-AC6-152 (CONT.) DRAWINGS: B-29

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
600531	SN-FT	CCU-43 MECHANICAL SNUBBER	AUG	FT

97 -FT: TESTED & REINSTALLED, SERIAL # 11462 - ACCEPTABLE.

FEEDWATER LOOP A OUTSIDE CV DRAWINGS: HE-5

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
601180	SN-VT	FWU-21 HYDRAULIC SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: JAM NUTS DO NOT REQUIRE FULL THREAD ENGAGEMENT PER ME-121. TAPE RESIDUE HAS BEEN REMOVED, INSULATION NOT CAUSING ANY RESTRICTIONS - ACCEPTABLE. SETTING 3 1/8.

601181	SN-FT	FWU-21 HYDRAULIC SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 2500-20-38 - ACCEPTABLE.

601200	SN-VT	FWU-24 MECHANICAL SNUBBER	AUG	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 1/4" - ACCEPTABLE.

601201	SN-FT	FWU-24 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 10061 - 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

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

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

DRAWINGS: HE-5

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

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 1/2" - ACCEPTABLE.

601210	SN-VT	----	FWU-26 (WEST) MECHANICAL SNUBBER	AUG	VT
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97 -VT: NO RECORDABLE INDICATIONS, SERIAL # 18180, SETTING 2 1/2" - ACCEPTABLE.

601211	SN-FT	----	FWU-26 (EAST) MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & INSTALLED WITH SPARE, SERIAL # 18179 - ACCEPTABLE.

601212	SN-FT	----	FWU-26 (WEST) MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 18180 - ACCEPTABLE.

#### 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

97 -VT: NO RECORDABLE INDICATIONS, SETTING 3 3/8", - ACCEPTABLE.

601221	SN-FT	----	FWU-32 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 7053 - 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

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

##### MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601490	SN-VT	----	MSU-29 MECHANICAL SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 1/4" - ACCEPTABLE.

601491	SN-FT	----	MSU-29 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 1469 - ACCEPTABLE.

601510	SN-VT	----	MSU-32 MECHANICAL SNUBBER	AUG	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 1 1/4", - ACCEPTABLE.

601511	SN-FT	----	MSU-32 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 1093 - ACCEPTABLE.

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

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601820	SN-VT	----	RHU-110 MECHANICAL SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 1/8", SERIAL # 16373,  
PSA-1 - ACCEPTABLE.

601821	SN-FT	----	RHU-110 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 16373 - ACCEPTABLE.

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### ATTACHMENT I

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

##### 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

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

601861	SN-FT	----	SIU-47 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 15349 - ACCEPTABLE.

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

DRAWINGS: C-24

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

97 -VT: NO RECORDABLE INDICATIONS & INSIGNIFICANT: PIN TO PIN 18", PISTON TO PIN 4 1/2", PISTON LENGTH 2 1/4", DRAWING CALLS FOR PIN TO PIN 18 5/16", SERIAL # 12902, SETTING 1' 17/32" - ACCEPTABLE.

601941	SN-FT	----	AFU-208 (AFW-13) HYDRAULIC SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 12902, RETEST DUE TO FUNCTIONAL FAILURE IN 1996 - ACCEPTABLE.

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### ATTACHMENT I

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

STANDBY AUX FW THRU PEN 119 TO A S/G FWHD INCV DRAWINGS: C-20

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

97 -VT: NO RECORDABLE INDICATIONS, SETTING 3", SERIAL # 12907 - ACCEPTABLE.

601971 SN-FT	----	AFU-224 (AFW-28) HYDRAULIC SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED WITH PRETESTED SPARE, SERIAL # 12907,  
GORR 97-029 - ACCEPTABLE.

601980 SN-VT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 7/8", SERIAL # 12903 - ACCEPTABLE.

601981 SN-FT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED WITH PRETESTED SPARE, SERIAL # 12903, GORR 97-030 -  
ACCEPTABLE.

PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD

DRAWINGS: S-2

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
602050 SN-VT	----	N607 HYDRAULIC SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 3 1/2", SERIAL # 6562 - ACCEPTABLE.

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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.):

PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD (CONT.)

DRAWINGS: S-2

Summary Exam Number Categ	Item Number	Component	Component Type	NDE Exam
602051 SN-FT	----	N607 HYDRAULIC SNUBBER	AUG	FT

97 -FT: TESTED & REINSTALLED WITH REBUILT SEAL ASSY, SERIAL # 6562 - ACCEPTABLE.

602060 SN-VT	----	N608 HYDRAULIC SNUBBER	AUG	VT
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97 -VT: NO RECORDABLE INDICATIONS, SETTING 3 1/2", SERIAL # 6563 - ACCEPTABLE.

602061 SN-FT	----	N608 HYDRAULIC SNUBBER	AUG	FT
--------------	------	---------------------------	-----	----

97 -FT: TESTED & REINSTALLED WITH REBUILT SEAL ASSY, SERIAL # 6563 - ACCEPTABLE.

602070 SN-VT	----	N615 HYDRAULIC SNUBBER	AUG	VT
--------------	------	---------------------------	-----	----

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 3/8", SERIAL # 6567 - ACCEPTABLE.

602071 SN-FT	----	N615 HYDRAULIC SNUBBER	AUG	FT
--------------	------	---------------------------	-----	----

97 -FT: TESTED & REINSTALLED WITH PRETESTED SNUBBER, SERIAL # 6567, GORR 97-032 - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

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

##### 3-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602130	SN-VT	----	PS-8 HYDRAULIC SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2 7/8", 1/16" GREEN, 5/16" RED,  
SERIAL # PD 86144-1159 - ACCEPTABLE.

602131	SN-FT	----	PS-8 HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	---------------------------	-----	----

97 -FT: TESTED & REINSTALLED, SERIAL # 1159 - ACCEPTABLE.

##### SEAL WATER RETURN FROM RCP-B

DRAWINGS: S-3

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602300	SN-VT	----	CVU-550 MECHANICAL SNUBBER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 2.2", SERIAL # 18190, - ACCEPTABLE.

602301	SN-FT	----	CVU-550 MECHANICAL SNUBBER	AUG	FT
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97 -FT: TESTED & REINSTALLED, SERIAL # 18190 - ACCEPTABLE.



# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

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

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

DRAWINGS: C-20

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

97 -VT: INSIGNIFICANT: SETTING REJ. ENGINEERING ACCEPTED SETTING @ 1 5/8"  
- SETTING RE-EXAM DURING HOT STARTUP & FOUND SETTING @ 2 15/16".  
ENGINEERING DETERMINED THAT LINE IS IN HOT MODE AT 78 DEG. SEE ISIM-023  
MEMO DATED 11/19/97 - ACCEPTABLE.

602501	SN-FT	----	AFU-229 HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

97 -FT: TESTED & REPLACED WITH PRETESTED UNIT & REINSTALLED - ACCEPTABLE.

#### H. SEISMIC SUPPORTS:

TURBINE DRIVEN AUX. FW PUMP SUCTION

DRAWINGS: C-16

Summary Exam Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700080	SS-CS	*F1.20R	AFU-6 RIGID HANGER	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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### ATTACHMENT I

#### SEISMIC SUPPORTS (Cont.):

##### RC PRESSURE RELIEF MANIFOLD TO PRT

DRAWINGS: SS-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700130	SS-CS	*F1.20R	CVU-129 GUIDE & IA	OE	VT

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

##### FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700350	SS-CS	*F1.20V	FWU-19 VARIABLE SPRING	AUG	VT

97 -VT: NO RECORDABLE INDICATIONS, SETTING 3439 #'S - ACCEPTABLE.

##### MAINSTEAM

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700470	SS-CS	*F1.20R	MSU-51 RIGID SUPPORT & IA	OE	VT

97 -VT: REJECT: MISSING WASHER, ACTION REPORT 97-1728 GENERATED. WASHER RESTORED UNDER WO # 19703278. ALL SUPPORTS OF THIS TYPE ON THIS SYSTEM WERE EXAMINED THIS OUTAGE. RE-EXAM - ACCEPTABLE.

700480	SS-CS	*F1.20R	MSU-52 RIGID SUPPORT & IA	OE	VT
--------	-------	---------	------------------------------	----	----

97 -VT: REJECT - LOOSE NUTS, ACTION REPORT 97-1725 GENERATED, LOOSE NUTS TIGHTEN UNDER WO # 19703281. ALL SUPPORTS OF THIS TYPE ON THIS SYSTEM WERE EXAMINED THIS OUTAGE. RE-EXAM ACCEPTABLE.

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990-1999 Interval, Third Period, First Outage (1997)

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

### ATTACHMENT I

#### SEISMIC SUPPORTS (Cont.):

##### MAINSTEAM (CONT.)

DRAWINGS: B-9A

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

97 -VT: REJECT: LOOSE NUT. ACTION REPORT # 97-1726 GENERATED. LOOSE NUT TIGHTEN UNDER WO # 19703277. ALL SUPPORTS OF THIS TYPE ON THIS SYSTEM WERE EXAMINED THIS OUTAGE. RE-EXAM - ACCEPTABLE.

700500 SS-CS	*F1.20R MSU-54 RIGID SUPPORT & IA	OE	VT
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97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

700510 SS-CS	*F1.20R MSU-47 RIGID SUPPORT & IA	OE	VT
--------------	--------------------------------------	----	----

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

700520 SS-CS	*F1.20R MSU-48 RIGID SUPPORT & IA	OE	VT
--------------	--------------------------------------	----	----

97 -VT: REJ: ONE BOLT HAS LOOSE NUT. ACTION REPORT 97-1727 GENERATED. RE-EXAM AFTER TIGHTENING - ACCEPTABLE. ALL SUPPORTS OF THIS TYPE EXAMINED THIS OUTAGE.

700530 SS-CS	*F1.20R MSU-49 RIGID SUPPORT & IA	OE	VT
--------------	--------------------------------------	----	----

97 -VT: REJ: ONE BOLT HAS LOOSE NUT. ACTION REPORT 97-1724 GENERATED. RE-EXAM AFTER TIGHTENING - ACCEPTABLE. JACKING PLATE DISTORTION PREVIOUSLY ACCEPTED ON NCR 94-064. ALL SUPPORTS OF THIS TYPE EXAMINED THIS OUTAGE.

700540 SS-CS	*F1.20R MSU-50 RIGID SUPPORT & IA	AUG	VT
--------------	--------------------------------------	-----	----

97 -VT: NO RECORDABLE INDICATIONS - ACCEPTABLE.

# 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 27 March 1998

89 East Ave., Rochester, NY 14649

Sheet 1 of 20

2. Plant R.E. Ginna Nuclear Power Plant

Unit 1

1503 Lake Road, Ontario, NY 14519

(\*)

Address

Repair Organization P.O. No., Job No., etc.

3. Work Performed by (\*)  
Name

Type Code Symbol Stamp N/A  
Authorization No. N/A

(\*)  
Address

Expiration Date N/A

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 1986/1992 with '92 Addenda (IWE/IWL)

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 p Pneumatic p Nominal Operating Pressure p  
Other p Pressure \_\_\_\_\_ psl Test Temp. \_\_\_\_\_ pF

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

(\*) See "ATTACHMENT II" FOR APPLICABLE INFORMATION

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

## FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_ (\*)  
 Applicable Manufacturer's Data Reports to be attached

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_  
 Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_ Expiration Date \_\_\_\_\_ N/A \_\_\_\_\_  
 Signed Frank A. Klepacki F.A. Klepacki, ISI Engineer Date 27 March, 19 98  
 Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by HSBI&I Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 6/11/96 to 12/31/97, 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 3/27 19 98

(\*) See "ATTACHMENT II" FOR APPLICABLE INFORMATION

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

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

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 "Inservice Inspection (ISI) Program", 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 or the 1992 Edition with 1992 Addenda for IWE/IWL (Containment).

When an item under the rules and requirements of the "Inservice Inspection (ISI) 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, Third Period, First Outage (1997)

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. 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. Trentec  
4600 East Tech Drive  
Cincinnati, Ohio 45245
3. Anchor Darling  
(see item #5 below, company was bought)
4. Crane Movats  
2825 Cobb International Pkwy  
Kennesaw Ga. 30144
5. BW/IP International  
PO Box 3428  
701 First St.  
Williamsport, Pa. 17704

# R. E. GINNA NUCLEAR POWER PLANT

## Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

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.

1. ASME Class: 1 System: RCS GORR No.: 97-001  
Line: 4A-RC8-2501-A Category: Corrective Action Activity  
Construction Code: B31.1 '55, G-676262, B16.34, ASME III '86  
Work Performed By: 1  
Name of Component: V434 Replacement  
Work Description/Remarks: A Replacement activity was initiated on Valve 434 by mechanical means. This activity was controlled by WO # 19602411. Upon reinstallation, an ASME Section XI VT-2 Leakage Exam was performed and acceptable.
2. ASME Class: 3 System: SW GORR No.: 97-002  
Line: N/A Category: Corrective Action Activity  
Construction Code: B31.1 '55, RO-2204, ME-318, ASME III '86  
Work Performed By: 1  
Name of Component: SW Pump "A" (PSW01A), Pump Ass'y & Pipe Column Bolting Replacement  
Work Description/Remarks: A Replacement activity was initiated for the Pump Ass'y and Pipe column bolting associated with SW Pump "A". This activity was controlled by WO # 19602068. Upon reinstallation, an ASME Section XI Preservice examination was performed and acceptable for the support.



## R. E. GINNA NUCLEAR POWER PLANT

### Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

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

3. ASME Class: 2 System: CS GORR No.: 97-003  
Line: 2D-SI-151 Category: Corrective Action Activity  
Construction Code: B31.1 '55, G-676262, ME-318  
ASME III '86/'92  
Work Performed By: 1  
Name of Component: 2" CS Piping Replacement  
Relief Request: RR #31 (Code Case N-416-1)  
Work Description/Remarks: A Replacement activity was initiated to remove and install new 2" piping associated with Containment Spray Test Line. This activity was controlled by Action Report 96-0733, PCR No. 96-082 and WO # 19602601. Installation Code VT and PT NDE was performed and acceptable in accordance with Code Case N-416-1. Upon completion of this activity, an ASME Section XI VT-2 Leakage Examination was performed and acceptable.
  
4. ASME Class: 3 System: AFW GORR No.: 97-004  
Line: 3A-FW7-900-1A Category: Corrective Action Activity  
3B-FW7-900-1B  
Construction Code: B16.34 '96, ASME III '86  
Work Performed By: 1  
Name of Component: MOV's 4007 & 4008 Plug Replacements & installation of Stem to Disk Tack Welds  
Work Description/Remarks: A Replacement activity was initiated for the Plugs associated with Valves 4007 & 4008. This activity was controlled by PCR's 96-038 & 96-039, MDCN 1164 and WO #'s 19603073, 19602744. Tack welds were applied to the Stem to Disks. Installation Code VT examinations were performed and acceptable. Upon reinstallation, an ASME Section XI VT-2 Leakage examination was performed and acceptable.

## R. E. GINNA NUCLEAR POWER PLANT

### Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

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

5. ASME Class: 3 System: SW GORR No.: 97-005  
Line: N/A Category: Corrective Action Activity  
Construction Code: B31.1 '55, SP-5291, RO-2204, ASME III '86  
Work Performed By: 1  
Name of Component: Discharge Flange Bolting Replacement,  
SW Pump "D"  
Work Description/Remarks: A Replacement activity was initiated  
for the discharge flange bolting (7/8") associated with SW  
Pump "D" (PSW01D). The existing bolting was replaced with  
longer bolts of the same diameter. This activity was  
controlled by WO # 19603328 which required that the bolts be  
replaced one at a time.
6. ASME Class: 1 System: CVCS-Letdown GORR No.: 97-006  
Line: 2A-RC0-2501-B Category: Corrective Action Activity  
Construction Code: B31.1 '55, G-676270, ASME III '86  
Work Performed By: 1  
Name of Component: V427; Stem, Plug & Cage Replacement  
Work Description/Remarks: A Replacement activity was initiated  
for the stem, plug and cage associated with Valve 427. This  
activity was controlled by WO # 19602428 and Action Report 96-  
0699. Upon reinstallation, an ASME Section XI VT-2 Leakage  
examination was performed and acceptable.
7. ASME Class: 2 System: RHR GORR No.: 97-007  
Line: 4C-AC-601 Category: Corrective Action Activity  
6C-SI-151  
6D-SI-151  
Construction Code: B16.34 - 1967  
Work Performed By: 1  
Name of Component: V857A/B/C Disk Modification  
Work Description/Remarks: A Modification activity was  
initiated to drill a pressure relieving hole in the disk  
associated with Valves 857A, 857B and 857C. This activity was  
controlled by PCR 96-107 and WO #'s 19604158, 19604159 and  
19604160. Upon reassembly, an ASME Section XI VT-2 Leakage  
examination was performed and acceptable.

## R. E. GINNA NUCLEAR POWER PLANT

### Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

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1986, No Addenda

#### ATTACHMENT II

8. ASME Class: 2 System: SAFW GORR No.: 97-008  
Line: 3C-FW-902S-1A Category: Corrective Action Activity  
Construction Code: ASME III, NF, 1974  
Work Performed By: 1  
Name of Component: Supports AFU-226/229 Shim Replacement & AFU-228 Spring Adjustment.  
Work Description/Remarks: A Modification activity was initiated for the addition of shims to component supports AFU-226 and AFU-229. Spring Can support adjustment was also made by repositioning AFU-228. This activity was controlled by PCR 96-113 and WO #'s 19604544 and 19604115. Upon reinstallation, a VT-3 Preservice (baseline) examination was performed and acceptable.
9. ASME Class: 2 System: MS GORR No.: 97-009  
Line: 6A-MS-600-1A Category: Corrective Action Activity  
Construction Code: B16.34 '67, ASME III '86  
Work Performed By: 1 & 3  
Name of Component: V3505A Disk Replacement.  
Work Description/Remarks: A Replacement activity was initiated for the Disk associated with Valve 3505A. This activity was controlled by WO # 19603128. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
10. GORR No.: 97-010 Cancelled
11. GORR No.: 97-011 Cancelled

## R. E. GINNA NUCLEAR POWER PLANT

### Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

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1986, No Addenda

#### ATTACHMENT II

12. ASME Class: 3    System: SW    GORR No.: 97-012  
Line: N/A    Category: Corrective Action Activity  
Construction Code: B31.1 '55, RO-2204, SP-5291, ME-318,  
ASME III '86  
Work Performed By: 1  
Name of Component: SW Pump "B" Reducing Flange Face Repair,  
and Replacement of Expansion Joint (SSW03)  
& Bolting as well as Pipe Column Bolting.  
Work Description/Remarks: On SW Pump "B" a reducing flange  
face was repaired by welding and remachined. Expansion joint  
(SSW03) and bolting was replaced as well as the pipe column  
bolting associated with SW Pump "B". These activities were  
controlled by WO #'s 19602289 & 19600827, and PCR # 96-080  
Rev. 1. Installation Code VT & PT examinations were performed  
and acceptable on the flange face repair. Upon  
reinstallation, an ASME Section XI VT-2 leakage examination  
was performed and acceptable on the expansion joint and flange  
connection. Also, a preservice VT-3 examination was performed  
and acceptable on the pipe column support.
13. ASME Class: 3    System: SW    GORR No.: 97-013  
Line: N/A    Category: Corrective Action Activity  
Construction Code: B31.1 '55, RO-2204, SP-5291, ME-318,  
ASME III '86  
Work Performed By: 1  
Name of Component: SW Pump "C" Discharge Flange & Pipe Column  
Bolting Replacement  
Work Description/Remarks: A 7/8" Bolting Replacement activity  
was initiated for the Pump discharge flange and Pump pipe  
column. This activity was controlled by WO #'s 19600828,  
19603327 and SM-95-075.4. Flange bolting was replaced one at  
a time. Upon re-assembly, an ASME Section XI VT-3 Preservice  
examination was performed and acceptable for the Pump pipe  
column support.

## R. E. GINNA NUCLEAR POWER PLANT

### Inservice Inspection Report 1990 - 1999 Interval, Third Period, First Outage (1997)

1. Owner: Rochester Gas & Electric Corp. 89E. Ave., Rochester, N.Y. 14649
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1986, No Addenda

#### ATTACHMENT II

14. ASME Class: 2 System: CVCS GORR No.: 97-014  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME III '65 & '86, G-676370  
Work Performed By: 1  
Name of Component: "A" Charging Pump (PCH01A) Inlet Valve  
Seat Center Plunger Replacement  
Work Description/Remarks: A Replacement activity was initiated  
by mechanical means for the Inlet Valve Seat Center Plunger  
associated with the "A" Charging Pump. This activity was  
controlled by WO # 19700590.
15. ASME Class: 3 System: CCW GORR No.: 97-015  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME III NF '86, B31.1 '73, SP-5291, ME-318  
Work Performed By: 1  
Name of Component: CCU-189, Component Support Modification  
Work Description/Remarks: A Modification activity was  
initiated on Component Support CCU-189 to remove the  
interference from the 3 x 3 tubesteel kicker from MOV 813.  
This activity was controlled by WO # 19701607. Upon  
reinstallation, a VT-3 Installation Code examination was  
performed and acceptable on component support CCU-189.
16. ASME Class: 3 System: CCW GORR No.: 97-016  
Line: 2D-AC5-152 Category: Corrective Action Activity  
Construction Code: ASME III '86, SP-5291, ME-318  
Work Performed By: 1  
Name of Component: FE-651, Studs & Nuts Replacement  
Work Description/Remarks: A Replacement activity was initiated  
for studs & nuts associated with FE-651. This activity was  
controlled by WO # 19602079, Action Report 96-0676 and M-37-  
130. Upon reinstallation, an ASME Section XI VT-2 Leakage  
examination was performed and acceptable.

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17. ASME Class: 2 System: RWST GORR No.: 97-017  
Line: N/A Category: Corrective Action Activity  
Construction Code: API-650, SP-5275 Add "A"  
Work Performed By: 1  
Name of Component: RWST 20" Roof Manway Cover Modification  
Work Description/Remarks: A Modification activity was initiated on the 20" RWST Roof Manway cover. This activity installed a plexiglass viewing port within the 20" Manway cover by cutting out a rectangle within the cover. This activity was controlled by WO # 19220710 & PCR # 97-036.
18. ASME Class: 3 System: CCW GORR No.: 97-018  
Line: N/A Category: Corrective Action Activity  
Construction Code: EWR-10182, SP-5291, ASME III '86  
Work Performed By: 1  
Name of Component: CCW Heat Exchanger "B" (EAC01B), Bolting Replacement  
Work Description/Remarks: A Replacement activity was initiated for associated bolting in the Rigid Support of the Component Cooling Water Heat Exchanger "B". The existing 7/8" diameter bolts were replaced with 1" diameter bolts. This activity was controlled by WO # 19702146. Upon reinstallation, a VT-3 Preservice examination was performed and acceptable.
19. ASME Class: 2 System: CVCS GORR No.: 97-019  
Line: 2E-CH-601 Category: Corrective Action Activity  
Construction Code: B31.1 '55, G-676262, G-676257, B16.34, ASME III '86  
Work Performed By: 1  
Name of Component: RV203, Internals Replacement  
Work Description/Remarks: A Replacement activity was initiated for Valve 203. This activity consisted of installing a disk insert, disk ring pin stem and nozzle assembly. This activity was controlled by WO # 19404441 and CMP-37-06-203.

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20. ASME Class: 3 System: CCW GORR No.: 97-020  
Line: 3D-AC5-152 Category: Corrective Action Activity  
Construction Code: B31.1 '55, G-676262, ME-318, ASME III '86  
Work Performed By: 1  
Name of Component: V732, Fastener Replacement  
Work Description/Remarks: A mechanical Replacement activity  
was initiated for fasteners associated with Valve 732. This  
activity was controlled by WO # 19603527 and CMP-37-06-73.
21. ASME Class: Q System: FW GORR No.: 97-021  
Line: 14A-FW-900-1 Category: Corrective Action Activity  
Construction Code: ASME III NF -'73/86, O&M Part 4 '90  
Work Performed By: 1  
Name of Component: FWU-26E, Snubber Replacement  
Work Description/Remarks: A Snubber Replacement activity was  
initiated for FWU-26E support. This activity was controlled  
by WO # 19603881. Upon completion of the installation, a  
Snubber Program VT-3 Preservice examination was performed and  
acceptable.
22. ASME Class: 3 System: SAFW GORR No.: 97-022  
Line: 4B-SW0-152S Category: Corrective Action Activity  
Construction Code: ASME III '74/'86  
Work Performed By: 4  
Name of Component: V9629A, Stem Modification  
Work Description/Remarks: A Modification activity was  
initiated for Valve 9629A Stem to allow for the installation  
of a strain gage. The stem was milled with some threads  
removed. This activity was controlled by WO # 19603596 and PCR  
97-080.

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23. ASME Class: 1 System: CVCS-Letdown GORR No.: 97-023  
Line: 2B-CH4-2501 Category: Corrective Action Activity  
Construction Code: ASME III '86  
Work Performed By: 1  
Name of Component: Elbow Material Defect Weld Repair between  
V202 and orifice.  
Work Description/Remarks: A Code Repair activity was initiated for an Elbow base material defect between Valve 202 and the orifice located on this 2" line. This activity was controlled by WO # 19703194 and M73.10. Installation Code NDE was performed and acceptable which consisted of VT and PT examinations. As required by ASME Section XI, a VT exam was performed which was the method that originally identified this condition. ASME Section XI PT Baseline examination was performed and acceptable. An ASME Section XI VT-2 Leakage examination is not required for this Code Repair but one was performed and acceptable during PT-7.
24. ASME Class: Q/3 System: FW GORR No.: 97-024  
Line: 4-FW-900-1 Category: Corrective Action Activity  
Construction Code: B31.1 '55, SP-5291, B16.34, ASME III '86  
Work Performed By: 1  
Name of Component: V4271/4272 Stem & Plug Replacement  
Work Description/Remarks: A Replacement activity by mechanical means was initiated for stems and plugs associated with Valves 4271 and 4272. This activity was controlled by WO # 19703117.



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25. ASME Class: 1 System: CVCS-Charging GORR No.: 97-025  
Line: 2H-CH5-2501 Category: Corrective Action Activity  
Construction Code: B31.1 '55, G-676262, ME-318  
ASME III '86/'92  
Work Performed By: 1  
Name of Component: V304D & Associated 2" Piping Replacement  
Relief Request: RR #31 (Code Case N-416-1)  
Work Description/Remarks: A Replacement activity was initiated for Valve 304D and associated 2" piping. This activity was controlled by WO # 19601222. Installation Code VT and PT NDE was performed and acceptable in accordance with Code Case N-416-1. Upon completion of this activity, an ASME Section XI VT-2 Leakage Examination was performed and acceptable under PT-7. ASME Section XI Preservice (Baseline) PT NDE was performed and acceptable.
26. ASME Class: 1 System: RCS GORR No.: 97-026  
Line: 4A-RC8-2501-A Category: Corrective Action Activity  
Construction Code: B31.1 '55, B16.34, G-676279  
Work Performed By: 1  
Name of Component: V434 Replacement  
Work Description/Remarks: A Replacement activity was initiated for Valve 434. The existing valve was removed by mechanical means and one installed that had the bellows replaced. This activity was controlled by WO # 19603517. Upon reinstallation, an ASME Section XI VT-2 Leakage examination was performed and acceptable under PT-7.
27. ASME Class: 1 System: RCS GORR No.: 97-027  
Line: 4A-RC8-2501-B Category: Corrective Action Activity  
Construction Code: B31.1 '55, B16.34, G-676279  
Work Performed By: 1  
Name of Component: V435 Replacement  
Work Description/Remarks: A Replacement activity was initiated for Valve 435. The existing valve was removed by mechanical means. This activity was controlled by WO # 19603518. Upon reinstallation, an ASME Section XI VT-2 Leakage examination was performed and acceptable under PT-7.

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28. ASME Class: 2 System: RHR GORR No.: 97-028  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME III '65, '86, ASME VIII '65  
Work Performed By: 5  
Name of Component: Bolts & Nuts Replacement RHR Hx "A" (8) & RHR Hx "B" (6)  
Work Description/Remarks: A Replacement activity was initiated dealing with bolts and nuts on the "A" and "B" RHR Heat Exchangers. Eight (8) bolts & nuts were replaced on the "A" and six (6) bolts & nuts on the "B". This activity was controlled by WO #'s 19703122 & 19703123, and Action Reports 97-1623 & 97-1622. A VT bolting examination was performed as required by ASME Section XI on both the "A" & "B" Hx's. Upon reinstallation, an ASME Section XI VT-2 Leakage examination was performed and acceptable in conjunction with the ISI periodic testing.
29. ASME Class: 2 System: SAFW GORR No.: 97-029  
Line: 3C-FW-902S-1A Category: Corrective Action Activity  
Construction Code: ASME III NF 1974  
Work Performed By: 1  
Name of Component: AFU-224 Snubber Replacement  
Work Description/Remarks: A Snubber Replacement activity was initiated for AFU-224 component support. This activity was controlled by WO # 19603917. Upon reinstallation, a VT-3 Baseline examination was performed and acceptable.
30. ASME Class: 2 System: SAFW GORR No.: 97-030  
Line: 3C-FW-902S-1A Category: Corrective Action Activity  
Construction Code: ASME III NF 1974  
Work Performed By: 1  
Name of Component: AFU-226 Snubber Replacement  
Work Description/Remarks: A Snubber Replacement activity was initiated for AFU-226 component support. This activity was controlled by WO # 19603892. Upon reinstallation, a VT-3 Baseline examination was performed and acceptable.

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31. ASME Class: 2 System: SAFW GORR No.: 97-031  
Line: 3C-FW-902S-1A Category: Corrective Action Activity  
Construction Code: ASME III NF 1974  
Work Performed By: 1  
Name of Component: AFU-229 Snubber Replacement  
Work Description/Remarks: A Snubber Replacement activity was initiated for AFU-229 component support. This activity was controlled by WO # 19603893. Upon reinstallation, a VT-3 Baseline examination was performed and acceptable.
32. ASME Class: 1 System: RCS GORR No.: 97-032  
Line: 6BP-RC-602 Category: Corrective Action Activity  
Construction Code: ASME III NF 1974  
Work Performed By: 1  
Name of Component: N615 Snubber Replacement  
Work Description/Remarks: A Snubber Replacement activity was initiated for N615 component support. This activity was controlled by WO # 19603896. Upon reinstallation, a VT-3 Baseline examination was performed and acceptable.
33. ASME Class: 3 System: DG GORR No.: 97-033  
Line: N/A Category: Corrective Action Activity  
Construction Code: B31.1 '55, SP-5291, ME-318, ASME III '86  
Work Performed By: 1  
Name of Component: DG "B" Air Start 2" Threaded Union Replacement  
Work Description/Remarks: A Replacement activity was initiated for a 2" threaded union on the "B" Diesel Generator Air Start by mechanical means. This activity was controlled by WO # 19604436.
34. GORR No.: 97-034 Cancelled

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35. ASME Class: 3 System: SW GORR No.: 97-035  
Line: 1 1/2" Category: Corrective Action Activity  
Construction Code: B31.1 '55, SP-5291, ASME III '86/'92  
Work Performed By: 1  
Name of Component: Valves 4769, 4754 & 4755 and associated  
1 1/2" Piping Replacement  
Relief Request: RR #31 (Code Case N-416-1)  
Work Description/Remarks: A Replacement activity was initiated  
for the 1 1/2" piping and valves 4769, 4754 & 4755. This  
activity was controlled by WO # 19700510, TE 92-553 & CGIEE  
95-012. Upon completion of this socket soldering operation,  
Installation Code VT examinations were performed and  
acceptable. An ASME Section XI VT-2 Leakage examination was  
performed and acceptable.
36. ASME Class: 2 System: SW/HVAC GORR No.: 97-036  
Line: N/A Category: Corrective Action Activity  
Construction Code: B31.1 '55, SP-5291, ASME III '86/'92  
Work Performed By: 1  
Name of Component: Replacement of Flexible Metal Joints &  
Flange Bolting  
Relief Request: RR #31 (Code Case N-416-1)  
Work Description/Remarks: A Replacement activity was initiated  
for flexible metal joints & flange bolting. This activity was  
controlled by WO #'s 19703357 & 19702841. Installation Code RT  
examinations were performed and acceptable in accordance with  
Code Case N-416-1. Upon completion of this activity, an ASME  
Section XI VT-2 Leakage examination was performed and  
acceptable.

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37. ASME Class: 2 System: MS GORR No.: 97-037  
Line: N/A Category: Code Rejectable Indication  
Construction Code:  
Base Metal: B31.1 '55, SP-5291, ASTM A155-65 GR C55 Class 1  
Gusset: B31.1 '55, SP-5291  
Work Performed By: 1  
Name of Component: Pen. 401/401 Pipe Base Metal & Gusset  
Repairs  
Work Description/Remarks: Pipe Base Metal and Gusset Weld Repairs were performed on Penetrations 401 & 402. This activity was controlled by Action Report 97-1846, WO #'s 19603652, 19703371 and 19703372, PCR # 97-089 & M73.10. Code repair cycle was performed and results documented. Installation NDE performed on the Pipe Base metal included VT, PT/MT and RT, all were acceptable. Installation NDE performed on the Gussets include VT and PT/MT, all were acceptable. Upon completion of the repairs, ASME Section XI Preservice (baseline) Surface examinations were performed and acceptable.
38. ASME Class: 1 System: RCS GORR No.: 97-038  
Line: 3A-RC8-2501-A Category: Corrective Action Activity  
Construction Code: B31.1 '55, MSS-SP-69  
Work Performed By: 5  
Name of Component: V431A Bonnet Modification & Valve Trim  
Replacement.  
Work Description/Remarks: A Modification activity was initiated to machine the Bonnet gasket area to accept a thicker gasket. During this time the valve trim was replaced associated with Valve 431A. This activity was controlled by WO # 19603470. A PT exam was performed on the gasket seating surface. Upon reinstallation, an ASME Section XI VT-2 Leakage examination was performed and acceptable during PT-7.

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39. ASME Class: 2 System: Service Air GORR No.: 97-039  
Line: 2-SA-150-4 Category: Corrective Action Activity  
Construction Code: B31.1 '55, SP-5291, B16.34 '90  
Work Performed By: 1  
Name of Component: V7141 Replacement  
Work Description/Remarks: A Replacement activity was initiated for Valve 7141. This activity was controlled by WO # 19401373. Upon reassembly, an ASME Section XI VT-2 Leakage examination was performed and acceptable during PT-7.
40. ASME Class: 3 System: CCW GORR No.: 97-040  
Line: 1.5G-AC6-152 Category: Corrective Action Activity  
1.5E-AC6-152  
Construction Code: ASME III '86, ME-318  
Work Performed By: 1  
Name of Component: FE-643/645 Flange Bolting Replacement  
Work Description/Remarks: A Flange Bolting Replacement activity was initiated for FE-643 & FE-645. This activity was controlled by WO # 19500554.

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41. ASME Class: MC System: Containment GORR No.: 97-041  
Line: N/A Category: Corrective Action Activity  
Construction Code: AISC '63, ASME III '86  
ASME Section XI: 1992 IEW  
Work Performed By: 1, 2  
Name of Component: Personnel & Equipment Hatches Replacements of Shaft Seal Ass'y, Shaft Seal Box & Shaft, Shaft Seal Housing Spot Welds.  
Work Description/Remarks: A Replacement activity was initiated for both the Personnel and Equipment hatches (SPP01 & SPP02). The replacement included the Shaft Seal Assembly, Shaft Seal Box & Shaft for both hatches. Also, a Seal Shaft Housing had spot welds installed. This activity was controlled by WO #'s 19701507, 19701508, PCR # 97-075 & Action Reports 97-0610 and 97-0712. Installation Code NDE was performed on the spot welds which consisted of VT & PT examinations and were acceptable. Upon completion of this activity, an Appendix J Type B leakage test was performed and acceptable for both hatches. The ASME Section XI VT-2 leakage examination was not performed and Action Report 98-0272 generated to address this missed examination.
42. ASME Class: 1/2 System: S/G "A" GORR No.: 97-042  
Line: N/A Category: Corrective Action Activity  
Construction Code: ASME III 1986  
Work Performed By: 1  
Name of Component: Replaced 1 Primary Manway Stud & 1 Secondary Hand Hole Cover Stud.  
Work Description/Remarks: A Replacement activity was initiated for 1 Primary Manway Stud and 1 Secondary Hand Hole Cover Stud on Steam Generator "A" (EMS01A). This activity was controlled by GMS-43-06-PRIMINST & GMS-43-11-HANDCOVER. Augmented Installation NDE was performed and acceptable which consisted of MT for the Primary Stud and VT for the Secondary Stud. Upon re-assembly, an ASME Section XI VT-2 Leakage examination was performed and acceptable during PT-7.

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**Attachment III**

**Erosion/Corrosion (Minwall) Program Summary**

This section provides Erosion/Corrosion examination details and information corresponding to the items inspected during the 1997 Outage.

A total of 117 components were examined, the breakdown of this total, by component type is as follows:

<u>Component Type</u>	<u>Total</u>
Pipes	47
Elbows	34
Bends	12
Reducers	12
<u>Tee</u>	<u>12</u>
Total	117

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

**Systems of examined Components**

Component thickness measurements were performed on the following systems:

**DWG.**  
**No**

**SYSTEMS**

M-1	A/B FW PUMP DISCHARGE TO 5A/5B HEATERS
M-2	5 A/B FW HEATERS TO FW HEADER
M-5	HEATERS 4A/4B TO FEEDWATER SUCTION
M-6	FEEDWATER SUCTION TO PUMPS A/B
M-7A	HEATER DRAIN TANK DISCHARGE
M-7B	COND. PUMP AND HEATER DRAIN TANK DISCHARGE TO FW SUCTION
M-11A	MSR 1A & 1B 2nd PASS DRAIN
M-11B	MSR 2A & 2B 2nd PASS DRAIN
M-12A	MSR 1A&1B 2nd PASS TO 5A HEATER AND CONDENSER
M-12B	MSR 2A&2B 2nd PASS TO 5B HEATER AND CONDENSER
M-18	MSR 2A&2B 4th PASS TO CONDENSERS
M-31	MSR 1A & 1B HEATER DRAIN TANK AND CONDENSER
M-32	MSR 2A & 2B TO HEATER DRAIN TANK
M-41A	5A HEATER DRAIN TO 4A LP HEATER
M-41B	5B HEATER DRAIN TO 4B LP HEATER
M-45	PRESEPARATOR A/B TO HEATER DRAIN TANK & CONDENSER
M-81	FEEDWATER DISCHARGE (TURBINE BUILDING)
M-82	FEED WATER DISCHARGE (INTERMEDIATE BUILDING)
M-83	FEEDWATER DISCHARGE (INTERMEDIATE BUILDING AND FACADE)
M-88D	S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)
M-92	MAIN FEEDAWTER PUMP RECIRCULATION
M-93	FEEDWATER BYPASS LINE
M-104	CONDENSATE LP FW HEATERS FORM 3A/B TO HEATERS 4A/B



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**System Component Result Summaries:**

**DWG.**

**No**

**SYSTEM**

<b>M-1</b>	<b>A/B FW PUMP DISCHARGE TO 5A/5B HEATERS</b>
	Components examined: Results (% Nominal)
	1 Pipe 2 >88
	1 Elbow
<b>M-2</b>	<b>5 A/B FW HEATERS TO FW HEADER</b>
	Components examined: Results (% Nominal)
	1 Tee 1 >88
<b>M-5</b>	<b>HEATERS 4A/4B TO FEEDWATER SUCTION</b>
	Components examined: Results (% Nominal)
	2 Elbows 2 >88
<b>M-6</b>	<b>FEEDWATER SUCTION TO PUMPS A/B</b>
	Components examined: Results (% Nominal)
	1 Pipe 2 >88
	1 Elbow
<b>M-7A</b>	<b>HEATER DRAIN TANK DISCHARGE</b>
	Components examined: Results (% Nominal)
	1 Pipe 2 >88
	1 Elbow
<b>M-7B</b>	<b>COND. PUMP AND HEATER DRAIN TANK DISCHARGE TO FW SUCTION</b>
	Components examined: Results (% Nominal)
	1 Elbow 1 >88
<b>M-11A</b>	<b>MSR 1A &amp; 1B 2nd PASS DRAIN</b>
	Components examined: Results (% Nominal)
	2 Pipes 3 >88
	3 Bends (90 Degree) 2 88-82
<b>M-11B</b>	<b>MSR 2A &amp; 2B 2nd PASS DRAIN</b>
	Components examined: Results (% Nominal)
	2 Pipes 4 >88
	2 Bends (90 Degree)
<b>M-12A</b>	<b>MSR 1A&amp;1B 2nd PASS TO 5A HEATER AND CONDENSER</b>
	Components examined: Results (% Nominal)
	2 Reducers 2 >88
<b>M-12B</b>	<b>MSR 2A&amp;2B 2nd PASS TO 5B HEATER AND CONDENSER</b>
	Components examined: Results (% Nominal)
	2 Reducers 2 >88

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**System Component Result Summaries(Continued):**

<b><u>DWG.</u></b> <b><u>No</u></b>	<b><u>SYSTEM</u></b>
<b>M-18</b>	<b>MSR 2A&amp;2B 4th PASS TO CONDENSERS</b> Components examined:                      Results (% Nominal) 4 Elbows                                              7 >88 4 Pipes                                              1 76-70
<b>M-31</b>	<b>MSR 1A &amp; 1B HEATER DRAIN TANK AND CONDENSER</b> Components examined:                      Results (% Nominal) 3 Pipes                                              6 >88 3 Bends (90 Degree)
<b>M-32</b>	<b>MSR 2A &amp; 2B TO HEATER DRAIN TANK</b> Components examined:                      Results (% Nominal) 4 Pipes                                              8 >88 4 Bends (90 Degree)
<b>M-41A</b>	<b>5A HEATER DRAIN TO 4A LP HEATER</b> Components examined:                      Results (% Nominal) 1 Reducer                                              2 >88 1 Tee
<b>M-41B</b>	<b>5B HEATER DRAIN TO 4B LP HEATER</b> Components examined:                      Results (% Nominal) 1 Reducer                                              2 >88 1 Tee
<b>M-45</b>	<b>PRESEPARATOR A/B TO HEATER DRAIN TANK &amp; CONDENSER</b> Components examined:                      Results (% Nominal) 2 Pipes                                              2 >88 1 Elbow                                              1 82-76 1 Tee                                              1 76-70
<b>M-81</b>	<b>FEEDWATER DISCHARGE (TURBINE BUILDING)</b> Components examined:                      Results (% Nominal) 4 Pipes                                              11 >88 5 Elbows                                              1 88-82 2 Reducers                                              1 76-70 2 Tees
<b>M-82</b>	<b>FEED WATER DISCHARGE (INTERMEDIATE BUILDING)</b> Components examined:                      Results (% Nominal) 2 Elbows                                              2 >88 1 Tee                                              1 88-82
<b>M-83</b>	<b>FEEDWATER DISCHARGE (INTERMEDIATE BUILDING AND FACADE)</b> Components examined:                      Results (% Nominal) 3 Pipes                                              4 >88 2 Elbows                                              1 82-76

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**System Component Result Summaries(Continued):**

**DWG.**

**No**

**SYSTEM**

<b>M-88D</b>	<b>S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)</b>
Components examined:	Results (% Nominal)
2 Pipes	3 >88
1 Elbow	2 88-82
2 Tees	
<b>M-92</b>	<b>MAIN FEEDAWTER PUMP RECIRCULATION</b>
Components examined:	Results (% Nominal)
2 Pipes	4 >88
1 Elbow	
1 Tee	
<b>M-93</b>	<b>FEEDWATER BYPASS LINE</b>
Components examined:	Results (% Nominal)
15 Pipes	9 >88
11 Elbows	3 88-82
2 Reducers	9 82-76
1 Tee	3 76-70
	2 76-65
	3 <65.
<b>M-104</b>	<b>CONDENSATE LP FW HEATERS FORM 3A/B TO HEATERS 4A/B</b>
Components examined:	Results (% Nominal)
1 Pipe	5 >88
1 Elbow	
2 Reducers	
1 Tee	

**Component Result Details**

The following list provides examination result details on components by draweing 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      B=90 Deg Bend

**M-1      A/B FW PUMP DISCHARGE TO 5A/5B HEATERS**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
200240	24	E	0.938		0.703	0.987	>88	UT
200250	25	P	0.938		0.604	0.910	>88	UT

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**Component Result Details(CONTINUED)**

**M-2                    5 A/B FW HEATERS TO FW HEADER**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
201375	37A	T	1.281		1.003	1.279	>88	UT

**M-5                    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 Method
205310	31	E	0.375		0.250	0.354	>88	UT
205330	33	E	0.375		0.250	0.406	>88	UT

**M-6                    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 Method
206010	1	E	0.375		0.250	0.358	>88	UT
206020	2	P	0.375		0.248	0.342	>88	UT

**M-7A                  HEATER DRAIN TANK DISCHARGE**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
207250	25	E	0.375		0.217	0.332	>88	UT
207260	26	P	0.375		0.213	0.323	>88	UT

**M-7B                  COND. PUMP AND HEATER DRAIN TANK DISCHARGE TO FW SUCTION**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
208735	73A	E	0.322		0.178	0.303	>88	UT

**M-11A                MSR 1A & 1B 2nd PASS DRAIN**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
215740	74	B	0.432		0.270	0.392	>88	RT 0
215750	75	P	0.432		0.270	0.383	>88	RT 0
215760	76	B	0.432		0.270	0.379	88-82	RT 0
215770	77	P	0.432		0.270	0.417	>88	RT 0
215780	78	B	0.432		0.270	0.375	88-82	RT 0

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**Component Result Details(CONTINUED)**

**M-11B      MSR 2A & 2B 2nd PASS DRAIN**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
216310	109	B	0.432		0.270	0.469	>88	RT 0
216320	110	P	0.432		0.270	0.443	>88	RT 0
216330	111	B	0.432		0.270	0.495	>88	RT 0
216340	112	P	0.432		0.270	0.467	>88	RT 0

**M-12A      MSR 1A&1B 2nd PASS TO 5A HEATER AND CONDENSER**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
222210	20	R	0.337	0.432	0.295/0.378	0.393	>88	UT
222215	21A	R	0.337	0.432	0.295/0.378	0.375	>88	UT

**M-12B      MSR 2A&2B 2nd PASS TO 5B HEATER AND CONDENSER**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
222780	76	R	0.337	0.432	0.295/0.378	0.422	>88	UT
222790	78	R	0.337	0.432	0.295/0.378	0.406	>88	UT

**M-18      MSR 2A&2B 4th PASS TO CONDENSERS**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
232010	01	E	0.300		0.171	0.290	>88	UT
232020	02	P	0.300		0.168	0.276	>88	UT
232030	03	E	0.300		0.171	0.277	>88	UT
232031	03A	P	0.300		0.168	0.270	>88	UT
232050	05	E	0.300		0.171	0.275	>88	UT
232060	06	P	0.300		0.168	0.264	>88	UT
232180	18	E	0.300		0.171	0.290	>88	UT
232190	19	P	0.300		0.168	0.274	>88	UT

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

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
260080	08	B	0.432		0.270	0.417	>88	RT 0
260082	08B	P	0.432		0.270	0.417	>88	RT 0
260230	23	B	0.432		0.270	0.400	>88	RT 0
260232	23B	P	0.432		0.270	0.400	>88	RT 0
260285	28E	B	0.432		0.270	0.408	>88	RT 0
260286	28F	P	0.432		0.270	0.417	>88	RT 0

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**Component Result Details(CONTINUED)**

**M-32                    MSR 2A & 2B TO HEATER DRAIN TANK**

<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 Method</u>
261022	02B	B	0.432		0.270	0.410	>88	RT 0
261030	03	P	0.432		0.270	0.420	>88	RT 0
261031	03A	B	0.432		0.270	0.416	>88	RT 0
261251	25A	B	0.432		0.270	0.388	>88	RT 0
261252	25B	P	0.432		0.270	0.417	>88	RT 0
261510	51	B	0.432		0.270	0.374	>88	RT 0
261511	51A	P	0.432		0.270	0.420	>88	RT 0

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

<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 Method</u>
290325	32A	R	0.432	0.594	0.237/0.431	0.459	>88	UT
290340	34	T	0.594		0.274	0.595	>88	UT

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

<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 Method</u>
291325	71A	R	0.432	0.594	0.237/0.321	0.496	>88	UT
291340	73	T	0.594		0.274	0.633	>88	UT

**M-45                    PRESEPARATOR A/B TO HEATER DRAIN TANK & CONDENSER**

<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 Method</u>
298190	19	E	0.432		0.169	0.349	>88	UT
298200	20	P	0.432		0.167	0.321	76-70	UT
298290	29	T	0.432		0.187	0.388	>88	UT
298440	44	P	0.432		0.178	0.411	>88	UT

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**Component Result Details(CONTINUED)**

**M-81                      FEEDWATER DISCHARGE (TURBINE BUILDING)**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
390060a*	6	R	0.844	0.938	0.627/0.631	0.606	65	UT
390060b	6	R	0.844	0.938	0.627/0.631	0.695	76-70	UT
390065	6A	P	0.938		0.697	0.872	>88	UT
390091	9A	T	0.938		0.706	0.870	>88	UT
390120	12	E	0.938		0.705	0.903	>88	UT
390130	13	P	0.938		0.606	0.885	>88	UT
390140	14	E	0.938		0.705	0.921	>88	UT
390150	15	P	0.938		0.606	0.894	>88	UT
390160	16	E	0.938		0.705	0.982	>88	UT
390210	21	R	0.844	0.938	0.627/0.631	0.606	88-82	UT
390250	25	E	0.938		0.705	0.968	>88	UT
390257	25B	T	0.938		0.606	0.883	>88	UT
390270	27	E	0.938		0.705	0.837	>88	UT
390280	28	P	0.938		0.606	0.921	>88	UT

\* Component # 6 was rejected based on the results from exam *a*. The component was repaired by weld overlay and reexamined, the results of the exam are *b*.

**M-82                      FEED WATER DISCHARGE (INTERMEDIATE BUILDING)**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
392010	01	E	0.938		0.705	0.931	>88	UT
392020	02	E	0.938		0.704	0.991	>88	UT
392082	08B	P	0.938		0.706	0.797	88-82	UT

**M-83                      FEEDWATER DISCHARGE (INTERMEDIATE BUILDING AND FACADE)**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
392510	01	E	0.938		0.705	0.985	>88	UT
392520	02	P	0.938		0.606	0.874	>88	UT
392570	07	E	0.938		0.710	0.921	>88	UT
392573	07A	P	0.938		0.706	0.758	82-76	UT
392574	07B	P	0.938		0.706	0.859	>88	UT

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**Component Result Details(CONTINUED)**

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

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
385230	23	T	0.300		0.170	0.311	>88	UT
385392	39B	P	0.337		0.178	0.293	88-82	UT
385780	78	E	0.500		0.249	0.426	88-82	UT
385790	79	P	0.500		0.249	0.461	>88	UT
385800	80	T	0.500	0.500	0.249/0.262	0.487	>88	UT

**M-92                    MAIN FEEDAWTER PUMP RECIRCULATION**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
281010	01	T	0.594		0.445	0.875	>88	UT
281060	06	E	0.337	0.594	0.267/0.466	0.607	>88	UT
281070	07	P	0.337		0.218	0.320	>88	UT
281230	23	P	0.337		0.214	0.338	>88	UT

**M-93                    FEEDWATER BYPASS LINE**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
394000 *a	01	P	0.375		0.244	0.166	<65	UT
394000 b	01	P	0.375		0.244	0.362	>88	UT
394010 *a	02	E	0.375		0.240	0.198	<65	UT
394010 b	02	E	0.375		0.240	0.418	>88	UT
232020 a	03	P	0.375		0.244	0.275	76-70	UT
232020 b	03	P	0.375		0.244	0.359	>88	UT
394035	04	R	0.375	0.337	0.240	0.343	>88	UT
394040	05	R	0.375	0.337	0.240	0.301	82-76	UT
232070	07	P	0.337		0.202	0.279	88-82	UT
394080 b	09	P	0.337		0.202	0.322	>88	UT
394100	11	E	0.337		0.237	0.304	>88	RT 0
394110	12	P	0.337		0.202	0.280	88-82	RT 0
394130 a	13	E	0.337		0.237	0.261	82-76	UT
394130 b	13	E	0.337		0.237	0.382	>88	UT
394140 a	14	P	0.337		0.201	0.304	>88	UT
394140 b	14	P	0.337		0.201	0.316	>88	UT
394150 *a	15	E	0.337		0.237	0.199	<65	UT
394150 b	15	E	0.337		0.237	0.384	>88	UT
394160 a	16	P	0.337		0.201	0.245	76-70	UT
394160 b	16	P	0.337		0.201	0.323	>88	UT
394170 a	17	E	0.337		0.237	0.248	76-70	UT
394170 b	17	E	0.337		0.237	0.339	>88	UT
394180 a	18	P	0.337		0.201	0.235	70-65	UT
394180 b	18	P	0.337		0.201	0.322	>88	UT



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**Component Result Details(CONTINUED)**

**M-93                      FEEDWATER BYPASS LINE (continued)**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
394190 * <i>a</i>	19	E	0.337		0.237	0.227	70-65	UT
394190 <i>b</i>	19	E	0.337		0.237	0.343	>88	UT
394200 <i>a</i>	20	P	0.337		0.201	0.268	82-76	UT
394200 <i>b</i>	20	P	0.337		0.201	0.319	>88	UT
394120	21	T	0.375		0.240	0.342	>88	UT
394220	23	P	0.337		0.201	0.269	82-76	UT
394250 <i>b</i>	25	P	0.337		0.202	0.321	>88	UT
394260	27	E	0.337		0.237	0.275	82-76	RT 0
394270	28	P	0.337		0.201	0.280	88-82	RT 0
394280	29	E	0.337		0.237	0.269	82-76	UT
394290	30	P	0.337		0.201	0.301	>88	UT
394300	31	E	0.337		0.237	0.308	>88	UT
394310	32	P	0.337		0.201	0.262	82-76	UT
394320	33	E	0.337		0.237	0.270	82-76	UT
394340	34	P	0.337		0.201	0.269	82-76	UT

\*Indicates unacceptable results for initial examination.

*a* Indicates the results of the initial examination.

*b* Indicates the results of the baseline examination, after replacement.

**M-104                      CONDENSATE LP FW HEATERS FORM 3A/B TO HEATERS 4A/B**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
326010	1	R	0.375	0.375	0.225	0.347	>88	UT
326020	20	E	0.375		0.250	0.414	>88	UT
326210	21	P	0.375		0.248	0.374	>88	UT
326220	22	T	0.375	0.375	0.248	0.555	>88	UT
326230	23	R	0.375	0.375	0.248/0.251	0.366	>88	UT

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**Service Water**

In addition to the Erosion/Corrosion Program, Service Water components were selected to be surveyed from the following drawings:

<u>Dwg. #</u>	<u>Related System</u>
33013-2624	SW System to Containment recirc Fan Unit # 1-C
C-381-024 SH 3	SW Suction Line Loop B Aux FW Pump to Aux. Bldg. and New Pump Bldg.
C-351-358 SH 2	SW From CCWHX to Anchor at Column L
C-351-358 SH 4	SW from Supply Header to Distribution Manifold
C-351-358 SH 5	SW Return from SFPHX
C-351-358 SH 7	SW Return from Penetration Cooling Coil Plenum
C-351-358 SH 9	SW Inter. Bldg. above El. 253'-6" from Pen 308, 315, & 323 to Col. 7
C-351-358 SH 12	SW Inter. Bldg. above El. 253'-6" from Pen 209 & 201 to Header
C-351-358 SH 13	SW Inter. Bldg. above El. 253'-6" from 16" Hdr. to Pen # 312, 316, 319 & 320
C-351-358 SH 14	SW Inter. Bldg. above El. 253'-6" -16"-20" Headers
C-351-358 SH 16	SW Inter. Bldg. from 14" Header to Pen. 201 & 209
C-351-358 SH 19	SW Analysis Diagram Recirc Unit 1D to Pen 323
C-351-358 SH 21	SW from Continuous Recirc. Unit #1A to Pen. 308
C-351-358 SH 28	SW Inside Reactor from Pen 203 to Reactor Cavity Cooler
C-351-358 SH 30	SW Inside Reactor from Pen 201 to Reactor Cavity Cooler
C-351-358 SH 37	SW D/G Building Room "A"
C-351-358 SH 39	SW D/G Building Room "B"
D-304-696	SW Sections Auxiliary Building

**Service Water Result Details**

The following list provides examination result details on service water components, by drawing number and system description. The component type classification specified in the list below corresponds to the following:

P= Pipe      E= Elbow      R= Reducer      T=Tee

**33013-2624      SW System to Containment recirc Fan Unit # 1-C**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799701	SW/EC-020	E	0.237		0.1763	0.226	>88	UT
799717	SW/EC-019	P	0.237		0.1763	0.214	>88	UT

**C-381-024 SH 3      SW Suction Loop B Aux FW Pump to Aux. Bldg. and New Pump Bldg.**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799702	SW/EC-007	P	0.237		0.0632	0.208	88-82	UT

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**Service Water Result Details (Continued)**

**C-351-358 SH 2                      SW From CCWHX to Anchor at Column L**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799703	SW/EC-016	E(R)	0.375	0.375	0.230	0.304	82-76	UT

**C-351-358 SH 4                      SW from Supply Header to Distribution Manifold**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799707	SW/EC-005	P	0.216		0.0778	0.097	<65	RT

**C-351-358 SH 5                      SW Return from SFPHX**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799705 *	SW/EC-003	P	0.280		0.206	0.165	<65	UT

**C-351-358 SH 7                      SW Return from Penetration Cooling Coil Plenum**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799704	SW/EC-015	P	0.375		0.135	0.203	<65	RT

**C-351-358 SH 9                      SW Inter. Bldg. above El. 253'-6" from Pen 308, 315, & 323 to Col. 7**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799708 *	SW/EC-006	P	0.133		0.0755	0.052	<65	UT
799709	SW/EC-018	E	0.322		0.116	0.268	76-70	UT
799710	SW/EC-012	P	0.375		0.0956	0.336	>88	UT

**C-351-358 SH 12                      SW Inter. Bldg. above El. 253'-6" from Pen 209 & 201 to Header**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799711	SW/EC-002	T	0.203		0.1167	0.196	>88	RT

**C-351-358 SH 13                      SW Inter. Bldg. above El. 253'-6" from 16" Hdr. to Pen #312,316,319 & 320**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799712	SW/EC-023	P	0.375		0.135	0.259	76-70	UT

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**Service Water Result Details (Continued)**

**C-351-358 SH 14      SW Inter. Bldg. above El. 253'-6" -16"-20" Headers**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799713	SW/EC-012	P	0.375		0.135	0.335	>88	UT

**C-351-358 SH 16      SW Inter. Bldg. from 14" Header to Pen. 201 & 209**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799714 *	SW/EC-004	P	0.203		0.1806	0.144	76-70	UT

**C-351-358 SH 19      SW Analysis Diagram Recirc Unit 1D to Pen 323**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799715	SW/EC022	E	0.280		0.1008	0.352	>88	UT

**C-351-358 SH 21      SW from Continuous Recirc. Unit #1A to Pen. 308**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799716	SW/EC-021	E	0.280		0.1008	0.323	>88	UT

**C-351-358 SH 28      SW Inside Reactor from Pen 203 to Reactor Cavity Cooler**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799718 *	SW/EC-025	E	0.203		0.1777	0.109	<65	RT

**C-351-358 SH 30      SW Inside Reactor from Pen 201 to Reactor Cavity Cooler**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799719 *	SW/EC-025	E	0.203		0.1777	0.125	<65	RT

**C-351-358 SH 37      SW D/G Building Room "A"**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799720	SW/EC-010	P	0.237		0.028	0.198	88-82	UT
799721	SW/EC-011	E	0.237		0.095	0.198	88-82	UT

**R E Ginna Nuclear Power Plant**  
**Inservice Inspection Report**  
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**Service Water Result Details (Continued)**

**C-351-358 SH 39      SW D/G Building Room "B"**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799722	SW/EC-009	E	0.237		0.095	0.213	>88	UT
799723	SW/EC-008	P	0.237		0.064	0.207	>88	UT

**D-304-696      SW Sections Auxiliary Building**

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
799724	SW/EC-014	P	0.063		0.0525	0.063	>88	RT
799725 *	SW/EC-001	P	0.063		0.0525	0.047	76-70	RT

\* Indicates unacceptable thickness

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