

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

NUCLEAR REGULATORY COMMISSION
INSERVICE INSPECTION REPORT
FOR THE
THIRD INTERVAL (1990 - 1999)
SECOND PERIOD, FOURTH OUTAGE (1996)
AT
R. E. GINNA NUCLEAR POWER PLANT

REVISION 0
SEPTEMBER 13, 1996

9610100113 960930
PDR ADCK 05000244
Q PDR

R. E. GINNA NUCLEAR POWER PLANT
NUCLEAR REGULATORY COMMISSION
INSERVICE INSPECTION REPORT
THIRD INTERVAL (1990 - 1999)
SECOND PERIOD, FOURTH OUTAGE (1996)

OWNERS DATA SHEET

Date: 13 September, 1996

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, Second Period, Fourth Outage (1996)

TABLE OF CONTENTS

Introduction and Synopsis

Summary of Work Accomplished

- Class 1 Components
- Class 2 Components
- Class 3 Components
- High Energy Components
 - Design Break Weld Examinations
 - Consequential Break Weld Examinations
 - Component Support Examinations
- Steam Generators
- System Pressure Testing
 - Hydrostatic Testing
 - Leakage Testing
- Section XI, Service Induced Rejectable Components - Expanded Examinations
- Snubbers
 - Visual Examinations
 - Functional Testing
- Seismic Support Program
- Erosion/Corrosion (Minwall) Program

Attachment I ISI Program Examination Summary

Attachment II Repair, Replacement & Modification Program Summary

Attachment III Erosion/Corrosion (Minwall) Program Summary

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

INTRODUCTION AND SYNOPSIS:

Inservice Inspection (ISI) activities for 1996 were performed on components within Class 1, 2, 3, High Energy Piping, Steam Generator Tubes, Seismic Supports and Snubbers. ISI examinations were concluded on July 2, 1996. Examination methods included Visual (VT), Liquid Penetrant (PT), Magnetic Particle (MT), Ultrasonic (UT), Radiographic (RT), and Eddy Current (ET). Functional Testing (FT) and System Pressure Tests were also performed.

Erosion/Corrosion examinations were also performed during this time.

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

ASME SECTION XI SUMMARY OF WORK ACCOMPLISHED:

Upon conclusion of the 1996 Outage, 61.7% 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 46 ASME, Augmented or Owner Elected components were examined. The examinations for these components consisted of 19 VT's, 18 PT's, 8 MT's, 17 UT's and 4 RT's. A total of 66 examinations were performed on Class 1 Components.

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

CLASS 1 COMPONENTS: (Cont.)

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

<u>Item / System Description</u>	<u>Plant Line /Component</u>
CVCS-Charging System:	2C-CH5-2502 2A-CH5-2501 2-CH5-2501 2H-CH5-2501
CVCS-Letdown System:	2B-CH4-2501
High Pressure Safety Injection System:	10A-SI2-2501-B
Pressurizer System:	10-RC8-2501
Reactor Coolant Pump A:	PRC01A (Studs)
Reactor Coolant Pump B:	PRC01B (Bolts)
Reactor Coolant System:	29-RC -2501-A 2A-RC0-2501-A 2B-RC0-2501-B 2C-RC0-2501-B
Residual Heat Removal System:	10A-AC7-2501-A 10A-AC7-2501-B
Steam Generator A	EMS01A (Items)
Steam Generator B	EMS01B (Items)

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

CLASS 2 COMPONENTS:

A total of 109 ASME or Owner Elected Components were examined. The examinations for these components consisted of 42 VT's, 26 PT's, 35 MT's, 11 RT's, and 28 UT's for a total of 142 examinations.

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

<u>Item / System Description</u>	<u>Plant Line</u> <u>/Component</u>
CVCS-Charging System:	2D-CH5-2501 8A-CH -2502 8B-CH -2502 8C-CH -2502
Feedwater System:	18A-FW-900-1A 18B-FW-900-1B 14A-FW-900-1A 14B-FW-900-1B
High Pressure Safety Injection System:	2T-SI-2501 2U-SI-2501 3A-SI-1501 3C-SI-1501 4D-SI-1501 4E-SI-1501 8E-SI-301 8G-SI-301 4 -SI-301 4A-SI-301
Mainsteam System:	30A-MS-600-1A 30B-MS-600-1B
Residual Heat Removal System:	6C-AC-601 6K-AC-151

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

CLASS 2 COMPONENTS: (Cont.)

<u>Item / System Description</u>	<u>Plant Line /Component</u>
Steam Generator A	EMS01A (Items)
Steam Generator B	EMS01B (Items)
Service Water System:	6G-SW-125 8B-SW-125 8F-SW-125 8J-SW-125 8N-SW-125

CLASS 3 COMPONENTS:

A total of 12 ASME or Owner Elected Components were examined utilizing the VT visual examination method.

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

<u>Item / System Description</u>	<u>Plant Line /Component</u>
Auxiliary Cooling System:	EAC01B (Integral Attachments & Supports)
Auxiliary Feedwater System:	3A -FW7-900-1A 3A -FW7-900-1B 3J -FW7-900-1 3K -FW7-900-1
Diesel Generator System:	5C-DG-B

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

HIGH ENERGY COMPONENTS:

Five (5) Augmented or Owner Elected items associated with the High Energy Program were examined during the 1996 Outage. The examinations for these items consisted of 3 VT's, 3 MT's and 1 UT for a total of 7 examinations.

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

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

STEAM GENERATOR TUBING:

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

The following Eddy Current examinations were performed.

1. Preservice (Baseline) examinations.
2. Open Generator Tubes, Bobbin Coil, 100% Full Length.
3. Open Generator Tubes, Peripheral Tubes.

Steam Generator Eddy Current Examination details are documented in the Rochester Gas & Electric 1996 Steam Generator Eddy Current Final Report.

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

SYSTEM PRESSURE TESTS:

Leakage Testing:

A total of five (5) ASME Leakage Examinations were performed. Leakage tests performed included one (1) Class 1, Reactor Coolant System (PT-7) examination and four(4) Class 2 or 3 examinations.

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

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

SNUBBER PROGRAM:

Visual Examinations:

A total of 149 Snubber component supports were examined. These Augmented examinations were performed to satisfy Ginna Station Snubber Program commitment.

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

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

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

SNUBBER PROGRAM: (Cont.)

Visual Examinations:

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

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

SNUBBER PROGRAM: (Cont.)

Visual Examinations:

<u>Item / System Description</u>	<u>Plant Line</u>
Main Steam Lines:	30A-MS-600-1A 30B-MS-600-1B 6A-MS-600-1A 6B-MS-600-1A 6B-MS-600-1B 6A-MS-600-1 6B-MS-600-1
Safety Injection Lines:	10A-SI2-2501-A 10A-SI2-2501-B 10 -SI -151 8J-SI -151 4 -SI -301
Residual Heat Removal Lines:	10 -AC -601 10A -AC7-2501-B 10A -AC7-2501-A 10D -AC -601 10E -AC -601 10G -AC -601 10GG-AC -151 8B -AC -601 6 -AC -601 6D -AC -601 6K -AC -151
Service Water Lines:	10B-SWO-125-1 8A-SWO-125-1 8L-SW -125

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

SNUBBER PROGRAM: (Cont.)

Visual Examinations:

<u>Item / System Description</u>	<u>Plant Line</u>
Standby Auxiliary Feedwater Lines:	3C-FW-902S-1A 3C-FW-902S-1B
Pressurizer Relief Lines:	6AP-RC -602 6BP-RC -602 3BP-RC -602 3B -RC8-2501 3A -RC8-2501
Seal Water Return Lines:	2X-CH-2501

Functional Testing:

A total of twenty-one (21) snubbers were Functionally Tested (FT) during the 1996 outage. From the twenty (20) snubbers that were originally scheduled, fourteen (14) were mechanical snubbers and six (6) were hydraulic snubbers. Due to snubber failure, an expansion was performed that consisted of one (1) additional snubber that was Functionally Tested.

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

Mechanical Snubbers:

CVU-131	FWU-18	FWU-23	FWU-42	RHU-123
RHU-109	MSU-58	MSU-57	MSU-19(North)	MSU-22
MSU-18(South)	MSU-19(South)	MSU-72	AFU-227	

Hydraulic Snubbers:

PS-6	N616	AFU-224	AFU-226(*)	AFU-229
AFU-208	SGA-8			

Note: (*) = Expanded Snubber Functional Test

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

SEISMIC SUPPORT PROGRAM:

A total of seven (7) Augmented or Owner Elected Seismic Supports were inspected utilizing the visual (VT) examination technique.

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

<u>Item / System Description</u>	<u>Plant Line</u>
CVCS-Letdown System:	3 -RC-601
High Pressure Safety Injection:	2H-SI-902
Mainsteam System:	6B-MS-600-1A 6C-MS-600-1B 6D-MS-600-1B
Blowdown System:	2E-BD-600-1A 2E-BD-600-1B

EROSION/CORROSION MINWALL PROGRAM:

A total of 98 items were examined during the 1996 Outage. The breakdown of this total is as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	45
Elbows	39
Reducers	12
Tees	2

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

EROSION/CORROSION MINWALL PROGRAM: (Cont.)

Component thickness measurements were performed on the following systems:

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>
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-15B	MSR 1B 4TH PASS TO 5A HEATER
M-19	1A, 2A, & 3A L.P. HEATER DRAINS TO CONDENSER
M-21	STEAM EXT. TO PRESEP. TANK B & 4B L.P. HEATER
M-22	STEAM EXT. TO PRESEP. TANK A & 4A L.P. HEATER
M-75	STEAM EXTRACTION TO 5A & 5B HEATERS
M-81	FEEDWATER DISCHARGE (TURBINE BUILDING)
M-84	FEEDWATER TO S/G 1A (CONTAINMENT)
M-85	FEEDWATER TO S/G.1B (CONTAINMENT)
M-88D	S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)
M-91	FEEDWATER CLEANUP (CV-19)
M-92	MAIN FEEDWATER PUMP RECIRCULATION
M-99	GLAND STEAM CONDENSER TO TURB. GEN. & GOV.
M-100	MAIN GLAND STEAM TO TURB. GEN. & GOV. ENDS
M-103	F.W. HTR. DRAIN SYS. FROM H.D PUMPS TO H.T. TANK

R. E. GINNA NUCLEAR POWER PLANT
Inservice Inspection Report
1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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 9/13/96
Frank A. Klepacki Date
ISI Engineer

Approved By: Michael J. Saporito 9/13/96
Michael J. Saporito Date
Manager, Laboratory and
Inspection Services, Technical
Performance and Field Inspections

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspections and the State or Province of New York and employed by The Hartford Steam Boiler Inspection and Insurance Company have inspected and/or verified the components described within this report and associated Attachments during the stated reporting time frame, and state to the best of my knowledge and belief, the Owner has performed examination and corrective measures described in this Report in accordance with the requirements of the ASME Code, Section XI. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Reviewed By: Russell B. Miller 9/13/96
ANII's Signature Date

As required by the Provisions of the ASME Code Rules

[illegible]

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.

1

FORM NIS-1 (Back)

8. Examination Dates 11/27/95 to 7/02/96 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 13 September 19 96 Signed Rochester Gas & Electric Corporation By Frank J. 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 11/27/95 to 7/2/96, 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 9/13 19 96

(*) SEE "ATTACHMENT I" FOR APPLICABLE INFORMATION

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

A. CLASS 1 COMPONENTS:

A1. STEAM GENERATOR A

DRAWINGS: A-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
005700	B-B	B2.40	LHTSW-AR LOWER HEAD-TO-TUBE SHEET WD	ASME	UT

96 -UT: PERFORMED BY B&W, REF REPORT #7705-1-22; -ACCEPTABLE.

005900	B-D	B3.140	INIR-AR INLET NOZZLE INSIDE RADIUS SECTION	OE	UT
--------	-----	--------	--	----	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPT. > 90% COVERAGE.

005990	B-F	B5.70	NSE-1R SAFE END-TO-NOZZLE (INLET)	ASME	PT UT
--------	-----	-------	---	------	----------

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.
PT & UT PERFORMED BY B&W UNDER REPORT # 7705-1-55.

006000	B-J	B9.11	PL-FW-I-ASW-R ELBOW-TO-SAFE END	OE	PT RT
--------	-----	-------	------------------------------------	----	----------

96 -PT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

006100	B-D	B3.140	ONIR-AR OUTLET NOZZLE INSIDE RADIUS SECTION	OE	UT
--------	-----	--------	---	----	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

NOTE: "COMPONENT TYPE" IS DEFINED AS FOLLOWS:

"ASME" = ITEM REQUIRED BY ASME SECTION XI CODE

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

"OE" = OWNER ELECTED - NON MANDATORY EXAMINATIONS

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A1. STEAM GENERATOR A (CONT.)

DRAWINGS: A-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
006190	B-F	B5.70	NSE-2R NOZZLE-TO-SAFE END (OUTLET)	ASME	PT UT

96 -PT & UT; PERFORMED BY B&W, REPORT # 7705-1-56, - ACCEPTABLE.
UT; PERFORMED BY RG&E NO RECORDABLE INDICATIONS - ACCEPTABLE.

006200	B-J	B9.11	PL-FW-IX-ASW-R SAFE END-TO-ELBOW (OUTLET)	OE	PT RT
--------	-----	-------	---	----	----------

96 -PT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

006430	B-G-2	B7.30	IMN-AR INLET MANWAY NUTS (20)	OE	VT MT
--------	-------	-------	----------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

006435	B-G-2	B7.30	IMS-AR INLET MANWAY STUDS (20)	OE	VT MT
--------	-------	-------	-----------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

006530	B-G-2	B7.30	OMN-AR OUTLET MANWAY NUTS (20)	OE	VT MT
--------	-------	-------	-----------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

006535	B-G-2	B7.30	OMS-AR OUTLET MANWAY STUDS (20)	OE	VT MT
--------	-------	-------	------------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A1. STEAM GENERATOR A (CONT.)

DRAWINGS: A-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
006609	F-A	F1.40	SGA-SL SUPPORT COMPONENT- LEGS A TO D	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

006641	F-A	F1.40	SGA-MS MID SUPPORT	ASME	VT
--------	-----	-------	-----------------------	------	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

006644	F-A	F1.40	SGA-RS RING SUPPORT	OE	VT
--------	-----	-------	------------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

A2. STEAM GENERATOR B

DRAWINGS: A-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
006700	B-B	B2.40	LHTSW-BR LOWER HEAD-TO-TUBE SHEET WELD	OE	UT

96 -UT; PERFORMED BY B&W, REPORT # 7705-2-22, - ACCEPTABLE.

006900	B-D	B3.140	INIR-BR INLET NOZZLE INSIDE RADIUS SECTION	ASME	UT
--------	-----	--------	--	------	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A2. STEAM GENERATOR B (CONT.)

DRAWINGS: A-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
006990	B-F	B5.70	NSE-3R SAFE END-TO-NOZZLE (INLET)	ASME	PT UT

96 -PT & UT; PERFORMED BY B&W, REPORT # 7705-2-55, - ACCEPTABLE.
UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007000	B-J	B9.11	PL-FW-III-R ELBOW-TO-SAFE END (INLET)	ASME	PT RT
--------	-----	-------	---	------	----------

96 -PT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

007100	B-D	B3.140	ONIR-BR OUTLET NOZZLE INSIDE RADIUS SECTION	ASME	UT
--------	-----	--------	---	------	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007190	B-F	B5.70	NSE-4R NOZZLE-TO-SAFE END (OUTLET)	ASME	PT UT
--------	-----	-------	--	------	----------

96 -PT & UT; PERFORMED BY B&W, REPORT # 7705-2-56, - ACCEPTABLE.
UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007200	B-J	B9.11	PL-FW-X-R SAFE END-TO-ELBOW (OUTLET)	ASME	PT RT
--------	-----	-------	--	------	----------

96 -PT & RT; PERFORMED BY BECHTEL (CONAM), - ACCEPTABLE.

007430	B-G-2	B7.30	IMN-BR INLET MANWAY NUTS (20)	OE	VT MT
--------	-------	-------	----------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A2. STEAM GENERATOR B (CONT.)

DRAWINGS: A-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
007435	B-G-2	B7.30	IMS-BR INLET MANWAY STUDS (20)	OE	VT MT

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007530	B-G-2	B7.30	OMN-BR OUTLET MANWAY NUTS (20)	OE	VT MT
--------	-------	-------	-----------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007535	B-G-2	B7.30	OMS-BR OUTLET MANWAY STUDS (20)	OE	VT MT
--------	-------	-------	------------------------------------	----	----------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007609	F-A	F1.40	SGB-SL SUPPORT COMPONENT LEGS H TO K	OE	VT
--------	-----	-------	--	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007641	F-A	F1.40	SGB-MS MID SUPPORT	OE	VT
--------	-----	-------	-----------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

007644	F-A	F1.40	SGB-RS RING SUPPORT	OE	VT
--------	-----	-------	------------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A3. REACTOR COOLANT SYSTEM-LOOP A

DRAWINGS: A-3A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
011000	B-J	B9.31	PL-FW-II/10A-RC0-2501-A 10" BRANCH WELD	ASME	PT UT

96 -PT; ACCEPTABLE - 1 ROUNDED INDICATION.
UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

A4. 10-IN. PRESSURIZER SURGE LINE

DRAWINGS: A-3D

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
014000	B-J	B9.11	A REDUCER-TO-PIPE (SURGE LINE)	ASME	UT PT

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

014400	F-A	F1.10V	RCU-1 VARIABLE SPRING	OE	VT
--------	-----	--------	--------------------------	----	----

96 -VT; BP SIZE 14, SETTING 3319 #'S - ACCEPTABLE.

A5. 2-IN. PRESSURIZER SPRAY LINE

DRAWINGS: A-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
025100	B-J	B9.40	19 COUPLING-TO-PIPE	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A6. RESIDUAL HEAT REMOVAL FROM LOOP A HOT LEG DRAWINGS: A-15

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
031125	F-A	F1.10S	RHU-33 MECHANICAL SNUBBER	OE	VT

96 -VT; S/N 7064, SETTING 3 1/4"; NO RECORDABLE INDICATIONS - ACCEPTABLE.

A7. 2" LETDOWN FROM REGEN HTX DRAWINGS: A-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
048200	B-J	B9.40	1 NOZZLE-TO-PIPE	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

A8. SEAL WATER TO RCP-B DRAWINGS: A-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
049370	F-A	F1.10S	CVU-104 MECHANICAL SNUBBER	OE	VT

96 -VT; PSA-1, S/N 2449, SETTING 2", NO RECORDABLE INDICATIONS - ACCEPTABLE.

A9. 2" CHARGING TO LOOP B COLD LEG DRAWINGS: A-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
051300	B-J	B9.40	28 PIPE-TO-NOZZLE	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A10. 2" ALTERNATE CHARGING TO LOOP A COLD LEG

DRAWINGS: A-26

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
051600	B-J	B9.40	21 PIPE-TO-ELBOW	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

052300	B-J	B9.40	28 ELBOW-TO-PIPE	ASME	PT
--------	-----	-------	---------------------	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

053300	B-J	B9.40	38 VALVE (383A)-TO-PIPE	AUG	PT UT
--------	-----	-------	----------------------------	-----	----------

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

A11. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
054980	B-J	B9.40	9E TEE-TO-PIPE	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

055100	B-J	B9.40	11 VALVE (393)-TO-PIPE	AUG	PT UT
--------	-----	-------	---------------------------	-----	----------

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A12. REACTOR COOLANT PUMP A

DRAWINGS: A-7

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
056812	B-G-1	B6.180	STUD #12 BOLTING, INPLACE	OE	UT

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

056818	B-G-1	B6.180	STUD #18 BOLTING, INPLACE	OE	UT
--------	-------	--------	------------------------------	----	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

A13. REACTOR COOLANT PUMP B

DRAWINGS: A-6

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

96 -UT; INSIGNIFICANT; INDICATION STILL SEEN ON STUD N2.
NO CHANGE SINCE LAST EXAMINATION IN 1995 - ACCEPTABLE.

A14. H.P. SAFETY INJECTION LINE TO LOOP B COLD LEG

DRAWINGS: A-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
058300	B-G-2	B7.70	V-842A (BOLTING) 10" DARLING CHECK VALVE	ASME	VT

96 -VT; TAKING CODE CREDIT THIS OUTAGE - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

A15. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: A-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
059300	B-G-2	B7.70	V-720 (BOLTING) 10" VELAN MOTOR OPER. GATE VALVE 1500#	ASME	VT

96 -VT; TAKING CODE CREDIT THIS OUTAGE - ACCEPTABLE.

B. CLASS 2 COMPONENTS:

B1. 2" CHARGING FROM REGEN HTX

DRAWINGS: A-29

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
050930	----	C3.20	CVU-54 (IA) INTEGRAL ATTACHMENT	OE	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

050933	----	F1.20R	CVU-54 RIGID RESTRAINT (IA)	OE	VT
--------	------	--------	--------------------------------	----	----

96 -VT; DRAWING DOES NOT SHOW MISSING EDGE WELDS, ACTION REPORT 96-0433 GENERATED. ACCEPT AS IS-DWG TO BE CHANGED. NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B2. STEAM GENERATOR A

DRAWINGS: B-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
070700	C-A	C1.30	TSSW-AR TUBE SHEET-TO-SHELL WELD	OE	UT

96 -UT; PERFORMED BY B&W, REPORT # 7705-1-77 - ACCEPTABLE.

070900	C-A	C1.10	LST-AR LOWER SHELL-TO-TRANSITION CIRC WELD	OE	UT
--------	-----	-------	--	----	----

96 -UT; PERFORMED BY B&W, REPORT # 7705-1-80, - ACCEPTABLE.

071000	C-A	C1.10	TUS-AR TRANSITION-TO-UPPER SHELL CIRC WELD	OE	UT
--------	-----	-------	--	----	----

96 -UT; PERFORMED BY B&W, REPORT # 7705-1-160/159, - ACCEPTABLE.

071100	C-A	C1.20	USH-AR UPPER SHELL-TO-HEAD CIRC WELD	OE	UT
--------	-----	-------	--	----	----

96 -UT; PERFORMED BY B&W, REPORT # 7705-1-162, - ACCEPTABLE.

071200	C-B	C2.21	FWIN-AR FEEDWATER INLET NOZZLE TO VESSEL WELD	OE	MT UT
--------	-----	-------	---	----	----------

96 -MT & UT; PERFORMED BY B&W, REPORT #'S 17 & 7705-1-169, - ACCEPTABLE.

071250	C-B	C2.22	FWIN-AR FEEDWATER INLET NOZZLE INSIDE RADIUS	OE	UT
--------	-----	-------	--	----	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B2. STEAM GENERATOR A (CONT.)

DRAWINGS: B-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
071360	C-C	C3.10	AB1R EARTHQUAKE BRACKET - IA	OE	MT

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

071362	C-C	C3.10	AB2R EARTHQUAKE BRACKET - IA	OE	MT
--------	-----	-------	---------------------------------	----	----

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

071364	C-C	C3.10	AB3R EARTHQUAKE BRACKET - IA	OE	MT
--------	-----	-------	---------------------------------	----	----

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

071366	C-C	C3.10	AB4R EARTHQUAKE BRACKET - IA	OE	MT
--------	-----	-------	---------------------------------	----	----

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

B3., STEAM GENERATOR B

DRAWINGS: B-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
071400	C-A	C1.30	TSSW-BR TUBE SHEET-TO-SHELL WELD	ASME	UT

96 -UT; PERFORMED BY B&W, REPORT # 7705-2-77, - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B3. STEAM GENERATOR B (CONT.)

DRAWINGS: B-1

Summary Number	Exam Catég	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
071600	C-A	C1.10	LST-BR LOWER SHELL-TO- TRANSITION CIRC WELD	OE	UT

96 -UT; PERFORMED BY B&W, REPORT # 7705-2-80, - ACCEPTABLE.

071700	C-A	C1.10	TUS-BR TRANSITION-TO-UPPER SHELL CIRC WELD	OE	UT
--------	-----	-------	--	----	----

96 -UT; PERFORMED BY B&W, REPORT # 7705-2-160/159, - ACCEPTABLE.

071800	C-A	C1.20	USH-BR UPPER SHELL-TO-HEAD CIRC WELD	OE	UT
--------	-----	-------	--	----	----

96 -UT; PERFORMED BY B&W, REPORT # 7705-2-162, - ACCEPTABLE.

071900	C-B	C2.21	FWIN-BR FEEDWATER INLET NOZZLE TO VESSEL WELD	OE	MT UT
--------	-----	-------	---	----	----------

96 -MT & UT; PERFORMED BY B&W, REPORT #'S 18 & 7705-2-169, - ACCEPTABLE.

071950	C-B	C2.22	FWIN-BR FEEDWATER INLET NOZZLE INSIDE RADIUS	OE	UT
--------	-----	-------	--	----	----

96 -UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

072080	C-C	C3.10	BB1R EARTHQUAKE BRACKET - IA	OE	MT
--------	-----	-------	---------------------------------	----	----

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B3. STEAM GENERATOR B (CONT.)

DRAWINGS: B-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
072082	C-C	C3.10	BB2R EARTHQUAKE BRACKET - IA	OE	MT

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

072084	C-C	C3.10	BB3R EARTHQUAKE BRACKET - IA	OE	MT
--------	-----	-------	---------------------------------	----	----

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

072086	C-C	C3.10	BB4R EARTHQUAKE BRACKET - IA	OE	MT
--------	-----	-------	---------------------------------	----	----

96 -MT; PERFORMED BY B&W, REPORT # 18, - ACCEPTABLE.

B4. CHARGING PUMP A TO PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
075700	C-F-1	C5.11	1 CAP-TO-PIPE	OE	VT PT

96 -PT; REJECT; 3/4" LONG INDICATION WITHIN ARC STRIKE, CONSTRUCTION, NOT SERVICE INDUCED. ACTION REPORT 96-0412 GENERATED, CODE REPAIR MADE. RE-EXAM - ACCEPTABLE. VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

075900	C-F-1	C5.11	3 ELBOW-TO-PIPE	ASME	PT UT
--------	-------	-------	--------------------	------	----------

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B4. CHARGING PUMP A TO PULSE DAMPENER (CONT)

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component.	Component Type	NDE Exam
077400	F-A	F1.20R	CVU-410 RIGID RESTRAINT (IA)	OE	VT

96 -VT; REJECT; SELF LOCKING NUTS LOOSE (4 THREADS), ACTION REPORT 96-0411 GENERATED. RE-EXAM AFTER TIGHTENING - ACCEPTABLE.
NOT SERVICE INDUCED.

077401	C-C	C3.20	CVU-410 (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	-------------------------------------	------	----

96 -PT; REJECT; POOR ORIGINAL CONSTRUCTION WELD QUALITY. ACTION REPORT 96-0411 GENERATED. WELD REWORKED. RE-EXAM - ACCEPTABLE.
NOT SERVICE INDUCED.

B5. CHARGING PUMP C TO PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
076800	C-F-1	C5.11	2 PIPE-TO-ELBOW	ASME	PT UT

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B6. CHARGING PUMP B TO PULSE DAMPENER

DRAWINGS: B-6

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
077600	F-A	F1.20R	CVU-412 RIGID RESTRAINT (IA)	OE	VT

96 -VT; REJECT; INTEGRAL ATTACHMENT ORIGINAL CONSTRUCTION POOR WELD QUALITY. ACTION REPORT 96-0411 GENERATED. WELD REWORKED, RE-EXAM - ACCEPTABLE. NOT SERVICE INDUCED.

077601	C-C	C3.20	CVU-412 (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	-------------------------------------	------	----

96 -PT; REJECT; INTEGRAL ATTACHMENT ORIGINAL CONSTRUCTION POOR WELD QUALITY. ACTION REPORT 96-0411 GENERATED. WELD REWORKED, RE-EXAM - ACCEPTABLE. NOT SERVICE INDUCED.

B7. MAIN STEAM LOOP A INSIDE CV

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
079000	C-F-2	C5.51	A-R NOZZLE-TO-ELBOW (S/G-A)	OE	MT UT

96 -MT; EXAM PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE. UT; NO RECORDABLE & INSIGNIFICANT; GEOMETRY - ACCEPTABLE.

079175	C-F-2	C5.51	A1Z PIPE-TO-PIPE	OE	MT RT
--------	-------	-------	---------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

079200	C-F-2	C5.51	A1-R PIPE-TO-PIPE	OE	MT RT
--------	-------	-------	----------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B7. MAIN STEAM LOOP A INSIDE CV (CONT)

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
079500	F-A	F1.20V	MSU-1 VARIABLE SPRING	OE	VT

96 -VT; SETTING 3 1/2" = 11123 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

079600	F-A	F1.20S	MSU-2 MECHANICAL SNUBBER	OE	VT
--------	-----	--------	-----------------------------	----	----

96 -VT; SETTING 3 3/4", NO RECORDABLE INDICATIONS - ACCEPTABLE.

079700	F-A	F1.20S	MSU-3 MECHANICAL SNUBBER (IA)	OE	VT
--------	-----	--------	----------------------------------	----	----

96 -VT; SETTING 3", NO RECORDABLE INDICATIONS - ACCEPTABLE.

079750	C-C	C3.20	MSU-3 (IA) INTEGRAL ATTACHMENT	OE	MT
--------	-----	-------	-----------------------------------	----	----

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

080000	F-A	F1.20V	MSU-4 VARIABLE SPRING	OE	VT
--------	-----	--------	--------------------------	----	----

96 -VT; SETTING 1 1/4" = >7989 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

080100	F-A	F1.20V	MSU-5 VARIABLE SPRING	ASME	VT
--------	-----	--------	--------------------------	------	----

96 -VT; REJECT; LACK OF THREAD ENGAGEMENT. ACTION REPORT 96-0489 GENERATED.
BECHTEL PERFORMED REWORK. RE-EXAM - ACCEPTABLE. NOT SERVICE INDUCED.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B8. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9

Summary Number =====	Exam Categ =====	Item Number =====	Component =====	Component Type =====	NDE Exam =====
081550	C-F-2	C5.52	E1L1 ELBOW LONGITUDINAL WELD	ASME	VT MT UT

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE. UT; NO RECORDABLE & INSIGNIFICANT; NO CHANGE SINCE LAST EXAM - ACCEPTABLE.

081650	C-F-2	C5.51	E1A PIPE-TO-ELBOW	ASME	VT MT UT
--------	-------	-------	----------------------	------	----------------

96 -VT & MT; NO RECORDABLE INDICATIONS - ACCEPTABLE. UT; NO RECORDABLE & COUNTERBORE GEOMETRY; - ACCEPTABLE.

B9. MAIN STEAM LOOP B INSIDE CV

DRAWINGS: B-8

Summary Number =====	Exam Categ =====	Item Number =====	Component =====	Component Type =====	NDE Exam =====
084400	C-F-2	C5.51	A-R NOZZLE-TO-ELBOW (S/G-B)	OE	MT UT

96 -MT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE. UT; NO RECORDABLE & ID GEOMETRY - ACCEPTABLE.

084600	C-F-2	C5.51	A1-R PIPE-TO-ELBOW	OE	MT RT
--------	-------	-------	-----------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

084700	F-A	F1.20V	MSU-6 VARIABLE SPRING	OE	VT
--------	-----	--------	--------------------------	----	----

96 -VT; SETTING 7900 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B9. MAIN STEAM LOOP B INSIDE CV (CONT.)

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
084900	F-A	F1.20S	MSU-7 MECHANICAL SNUBBER	ASME	VT

96 -VT; SETTING 3" & 2 3/4". NO RECORDABLE INDICATIONS - ACCEPTABLE.

085200	F-A	F1.20S	MSU-8 HYDRAULIC SNUBBER	OE	VT
--------	-----	--------	----------------------------	----	----

96 -VT; REJECT; INCORRECT SETTING & NUT/BOLT TURNS AS ONE. ACTION REPORT 96-0465 GENERATED. RE-EXAM AFTER ADJUSTMENTS - ACCEPTABLE. NOT SERVICE INDUCED.

085300	F-A	F1.20V	MSU-9 VARIABLE SPRING	OE	VT
--------	-----	--------	--------------------------	----	----

96 -VT; SETTING = 7400 #'S, INSIGNIFICANT; LACK OF THREAD ENGAGEMENT BY ONE THREAD OK PER MECH. ENG. LETTER - ACCEPTABLE.

085400	F-A	F1.20V	MSU-10 VARIABLE SPRING	OE	VT
--------	-----	--------	---------------------------	----	----

96 -VT; SETTING = 8554 #'S. NO RECORDABLE INDICATIONS - ACCEPTABLE.

B10. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
087625	F-A	F1.20S	MSU-25 MECHANICAL SNUBBER (IA)	OE	VT

96 -VT; SETTING 1 3/4", NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B10. MAIN STEAM LOOP B OUTSIDE CV (cont.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
087630	C-C	C3.20	MSU-25 (IA) INTEGRAL ATTACHMENT	ASME	MT

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B11. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
091225	F-A	F1.20S	FWU-15 MECHANICAL SNUBBER (IA)	OE	VT

96 -VT; SETTING 2 5/8", NO RECORDABLE INDICATIONS - ACCEPTABLE.

091226	C-C	C3.20	FWU-15 (IA) INTEGRAL ATTACHMENT	ASME	MT
--------	-----	-------	------------------------------------	------	----

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B12. FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
092300	F-A	F1.20V	FWU-6 VARIABLE SPRING	OE	VT

96 -VT; SETTING = 2556 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B12. FEEDWATER LOOP A INSIDE CV (CONT.)

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
092600	F-A	F1.20V	FWU-4 VARIABLE SPRING	OE	VT

96 -VT; SETTING = 2797 #'S. NO RECORDABLE INDICATIONS - ACCEPTABLE.

093100	F-A	F1.20V	FWU-2 VARIABLE SPRING	OE	VT
--------	-----	--------	--------------------------	----	----

96 -VT; SETTING = 2104 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

093400	C-F-2	C5.51	DD3-R PIPE-TO-ELBOW	OE	MT RT
--------	-------	-------	------------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

093500	F-A	F1.20V	FWU-1 VARIABLE SPRING (IA)	OE	VT
--------	-----	--------	-------------------------------	----	----

96 -VT; SETTING = 2617 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

093505	C-C	C3.20	FWU-1 (IA) INTEGRAL ATTACHMENT	OE	MT
--------	-----	-------	-----------------------------------	----	----

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

093800	C-F-2	C5.51	DD6-R ELBOW-TO-PIPE	OE	MT RT
--------	-------	-------	------------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B12. FEEDWATER LOOP A INSIDE CV (CONT.)

DRAWINGS: B-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
093900	C-F-2	C5.51	DD7-R PIPE-TO-ELBOW	OE	MT RT

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

094000	C-F-2	C5.51	DD8-R ELBOW-TO-PIPE	OE	MT RT
--------	-------	-------	------------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

094200	C-F-2	C5.51	DD10-R REDUCER-TO-ELBOW	OE	MT RT
--------	-------	-------	----------------------------	----	----------

96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.

094300	C-F-2	C5.51	EE-R ELBOW-TO-SAFE END (S/G-A)	OE	UT PT
--------	-------	-------	--------------------------------------	----	----------

96 -PT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE. UT; NO RECORDABLE & INSIGNIFICANT - ROOT, METALLURGICAL INTERFACE & COUNTERBORE - ACCEPTABLE.

094310	C-F-2	C5.51	E-R SAFE END-TO-NOZZLE (S/G-A)	OE	UT PT
--------	-------	-------	--------------------------------------	----	----------

96 -PT & UT; PERFORMED BY B&W, REPORT #'S 16 & 7705-1-140; - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B13. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: B-14

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
094850	F-A	F1.20R	FWU-43 RIGID RESTRAINT	OE	VT

96 -VT; NO RECORDABLE & INSIGNIFICANT - ACCEPTABLE.

B14. FEEDWATER LOOP B INSIDE CV

DRAWINGS: B-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
097700	F-A	F1.20V	FWU-13 VARIABLE SPRING (IA)	OE	VT

96 -VT; SETTING = 3880 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

098100	F-A	F1.20V	FWU-11 VARIABLE SPRING	OE	VT
--------	-----	--------	---------------------------	----	----

96 -VT; SETTING 2199 #'S. NO RECORDABLE INDICATIONS - ACCEPTABLE.

098600	F-A	F1.20V	FWU-10 VARIABLE SPRING	OE	VT
--------	-----	--------	---------------------------	----	----

96 -VT; SETTING = 2315 #'S, NO RECORDABLE & INSIGNIFICANT; LACK OF ONE
THREAD FULL ENGAGEMENT AT LOWER CLAMP, OK PER MECH. ENG. LETTER,
NOT SERVICE INDUCED - ACCEPTABLE.

098825	F-A	F1.20V	FWU-9 VARIABLE SPRING	OE	VT
--------	-----	--------	--------------------------	----	----

96 -VT; SETTING = 2856 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B14. FEEDWATER LOOP B INSIDE CV (CONT.)

DRAWINGS: B-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
098900	C-F-2	C5.51	AA-R PIPE-TO-ELBOW	OE	MT RT
96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.					
099000	F-A	F1.20V	FWU-7 VARIABLE SPRING (IA)	OE	VT
96 -VT; SETTING = 2856 #'S, NO RECORDABLE INDICATIONS - ACCEPTABLE.					
099005	C-C	C3.20	FWU-7 (IA) INTEGRAL ATTACHMENT	OE	MT
96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.					
099500	C-F-2	C5.51	AA4-R PIPE-TO-ELBOW	OE	MT RT
96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.					
099800	C-F-2	C5.51	AA7-R REDUCER-TO-ELBOW	OE	RT MT
96 -MT & RT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE.					
099900	C-F-2	C5.51	BB-R ELBOW-TO-SAFE END (S/G-B)	OE	UT PT VT

96 -PT; PERFORMED BY BECHTEL (CONAM) - ACCEPTABLE. UT; NO RECORDABLE & INSIGNIFICANT; GEOMETRY & METALLURGICAL INTERFACE - ACCEPTABLE. VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B14. FEEDWATER LOOP B INSIDE CV (CONT.)

DRAWINGS: B-13

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
099910	C-F-2	C5.51	B-R SAFE END-TO-NOZZLE (S/G-B)	OE	UT PT

96 -PT & UT; PERFORMED BY B&W, REPORT #'S 17 & 7705-2-140, - ACCEPTABLE.

B15. H.P. SAFETY INJECTION LINE 8E-SI-301

DRAWINGS: B-16

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
104200	F-A	F1.20R	SIU-104 RIGID SUPPORT (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

104210	C-C	C3.20	SIU-104 (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	-------------------------------------	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B16. H.P. SAFETY INJECTION LINE 8G-SI-301

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
122600	F-A	F1.20R	RHU-112 RIGID SUPPORT (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

122602	C-C	C3.20	RHU-112 (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	-------------------------------------	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B17. RESIDUAL HEAT REMOVAL LINE 6K-AC-151

DRAWINGS: B-21

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
130050	----	F1.20V	RHU-93 VARIABLE SPRING (IA)	OE	VT

96 -VT; SETTING = 1755 #'S, NO RECORDABLE & INSIGNIFICANT; CAN BODY HAS LIGHT RUST & PEELING PAINT. BASE CHANNEL HAS HEAVY BA RESIDUE, RE-EXAM AFTER CLEANING - NO RECORDABLE - ACCEPTABLE.

130055	----	C3.20	RHU-93 (IA) INTEGRAL ATTACHMENT	OE	PT
--------	------	-------	------------------------------------	----	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B18. RESIDUAL HEAT REMOVAL LINE 6C-AC-601

DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
157400	C-F-1	----	17 PIPE-TO-VALVE(857C) UT	OE	PT

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B19. H.P. SAFETY INJECTION PUMP B SUCTION LINE

DRAWINGS: B-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
160500	C-F-1	C5.21	1 8X8X4 TEE-TO-PIPE	ASME	PT UT

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B20. H.P. SAFETY INJECTION PUMP A SUCTION LINE

DRAWINGS: B-16B

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
160850	F-A	F1.20R	RHU-120 RIGID SUPPORT (IA)	OE	VT

96 -VT; NO RECORDABLE & INSIGNIFICANT; HEAT TRACE CLAMPED TO SUPPORT, WILL NOT INTERFERE WITH SUPPORT FUNCTION - ACCEPTABLE.

160851	C-C	C3.20	RHU-120 (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	-------------------------------------	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B21. H.P. SAFETY INJECTION LINE 3A-SI-1501

DRAWINGS: B-37

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161140	C-F-1	C5.21	12 ELBOW-TO-PIPE	ASME	PT UT

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B22. H.P. SAFETY INJECTION LINE 4D-SI-1501

DRAWINGS: B-37

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
161425	F-A	F1.20A	PEN 113 ANCHOR ANCHOR (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

161426	C-C	C3.20	PEN 113 ANCHOR (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	--	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B22. H.P. SAFETY INJECTION LINE 4D-SI-1501 (CONT.) DRAWINGS: B-37

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
161530	F-A	F1.20R	SIU-39 RIGID RESTRAINT (IA)	OE	VT

96 -VT; ACTION REPORT 96-0434 GENERATED DUE TO 0 DEG. STRUT AT 19 DEG. OK
AS IS - DRAWING TO BE REVISED. NOT SERVICE INDUCED - CONSTRUCTION.
NO RECORDABLE INDICATIONS - ACCEPTABLE.

161531	C-C	C3.20	SIU-39 (IA) INTEGRAL ATTACHMENT	ASME	PT
--------	-----	-------	------------------------------------	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B23. H.P. SAFETY INJECTION LINE 2T-SI-2501 DRAWINGS: B-39

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
161760	C-F-1	C5.30	6 PIPE-TO-TEE	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B24. H.P. SAFETY INJECTION LINE 2U-SI-2501 DRAWINGS: B-39

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
162180	F-A	F1.20A	SIU-30 ANCHOR (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

CLASS 2 COMPONENTS (CONT.):

B24. H.P. SAFETY INJECTION LINE 2U-SI-2501 (CONT.) DRAWINGS: B-39

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
162181	C-C	C3.20	SIU-30 (IA) INTEGRAL ATTACHMENT	ASME	PT

96 -PT; NO RECORDABLE & INSIGNIFICANT; SEVERAL ROUNDED INDICATIONS THAT WERE 3/16" OR LESS - ACCEPTABLE.

162220	C-F-1	C5.30	38 PIPE-TO-VALVE (878F)	ASME	PT
--------	-------	-------	----------------------------	------	----

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B25. H.P. SAFETY INJECTION LINE 3C-SI-1501 DRAWINGS: B-41

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163030	C-F-1	C5.21	3 ELBOW-TO-PIPE	ASME	PT UT

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B26. H.P. SAFETY INJECTION LINE 4E-SI-1501 DRAWINGS: B-42

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163935	F-A	F1.20A	PEN 101 ANCHOR ANCHOR (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B26. H.P. SAFETY INJECTION LINE 4E-SI-1501 (CONT.) DRAWINGS: B-42

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
163936	C-C	C3.20	PEN 101 ANCHOR (IA) INTEGRAL ATTACHMENT	ASME	PT

96 -PT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

164000	C-F-1	C5.21	38 ELBOW-TO-PIPE	ASME	PT UT
--------	-------	-------	---------------------	------	----------

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

164360	C-F-1	C5.21	60 TEE-TO-REDUCER	ASME	PT UT
--------	-------	-------	----------------------	------	----------

96 -PT & UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B27. SERVICE WATER LINE 6G-SW-125 DRAWINGS: B-50

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
173035	----	F1.20A	PEN 319 ANCHOR ANCHOR (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

173036	----	C3.20	PEN 319 ANCHOR (IA) INTEGRAL ATTACHMENT	OE	MT
--------	------	-------	--	----	----

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B28. SERVICE WATER LINE 8N-SW-125.

DRAWINGS: B-50

Summary Number =====	Exam Categ =====	Item Number =====	Component =====	Component Type =====	NDE Exam =====
173160	----	C3.20	SWU-81 (IA) INTEGRAL ATTACHMENT	OE	MT

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

173170	----	F1.20R	SWU-81 GUIDE (IA)	OE	VT
--------	------	--------	----------------------	----	----

96 -VT; NO RECORDABLE & INSIGNIFICANT; PAINT BUILD-UP IN GAP - ACCEPTABLE.

B29. SERVICE WATER LINE 8J-SW-125

DRAWINGS: B-51

Summary Number =====	Exam Categ =====	Item Number =====	Component =====	Component Type =====	NDE Exam =====
173860	----	C3.20	SWU-88 (IA) INTEGRAL ATTACHMENT	OE	MT

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

173870	----	F1.20R	SWU-88 GUIDE (IA)	OE	VT
--------	------	--------	----------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B30. SERVICE WATER LINE 8F-SW-125

DRAWINGS: B-52

Summary Number =====	Exam Categ =====	Item Number =====	Component =====	Component Type =====	NDE Exam =====
174460	----	C3.20	SWU-89 (IA) INTEGRAL ATTACHMENT	OE	MT

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

B30. SERVICE WATER LINE 8F-SW-125 (CONT.)

DRAWINGS: B-52

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
174470	----	F1.20R	SWU-89 RIGID RESTRAINT (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

B31. SERVICE WATER LINE 8B-SW-125

DRAWINGS: B-53

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
175460	----	C3.20	SWU-42 (IA) INTEGRAL ATTACHMENT	OE	MT

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

175470	----	F1.20R	SWU-42 RIGID RESTRAINT (IA)	OE	VT
--------	------	--------	--------------------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

C. CLASS 3 COMPONENTS:

C1. DIESEL GENERATOR B J.W. COOLING RETURN

DRAWINGS: C-36

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500140	D-B	D2.20	DG-1B (IA) INTEGRAL ATTACHMENT	ASME	VT

96 -VT; REJECT; ORIGINAL CONSTRUCTION UNDERCUT WITHIN INTEGRAL ATTACHMENT.
OK PER MECH. ENG. MEMO. NOT SERVICE INDUCED. NO RECORDABLE &
INSIGNIFICANT; GAP IN PLATE - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

C1. DIESEL GENERATOR B J.W. COOLING RETURN (CONT.)

DRAWINGS: C-36

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
500145	F-A	F1.30R	DG-1B RIGID SUPPORT (IA)	OE	VT

96 -REJECT; ORIGINAL CONSTRUCTION UNDERCUT WITHIN INTEGRAL ATTACHMENT.
OK PER MECH. ENG. MEMO. NOT SERVICE INDUCED. NO RECORDABLE &
INSIGNIFICANT; GAP IN PLATE - ACCEPTABLE.

500150	D-B	D2.20	DG-2B (IA) INTEGRAL ATTACHMENT	ASME	VT
--------	-----	-------	-----------------------------------	------	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

500155	F-A	F1.30R	DG-2B RIGID SUPPORT (IA)	OE	VT
--------	-----	--------	-----------------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

C2. AUX. FW PUMPS DISCH - INTERMED. BLDG.

DRAWINGS: C-1C

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505260	F-A	F1.30S	AFU-103 MECHANICAL SNUBBER	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTINGS: EAST 3"
S/N 18184, WEST 3 1/2" S/N 18185.

505320	F-A	F1.30S	AFU-34 MECHANICAL SNUBBER	OE	VT
--------	-----	--------	------------------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING = 2 3/4".

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

C2. AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.) DRAWINGS: C-1C

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
505500	F-A	F1.30S	AFU-52 MECHANICAL SNUBBER	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING = 1 3/4".

505750	F-A	F1.30S	AFU-75 MECHANICAL SNUBBER	OE	VT
--------	-----	--------	------------------------------	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING = 2 1/8".

C3. COMPONENT COOLING HEAT EXCHANGER B DRAWINGS: C-41

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
555200	D-B	D2.20	CCW1B-W (IA) INTEGRAL ATTACHMENT	ASME	VT

96 -VT; NO RECORDABLE & INSIGNIFICANT; LIGHT RUST - ACCEPTABLE.

555250	F-A	F1.40	CCW1B-W SUPPORT WEST (IA)	ASME	VT
--------	-----	-------	------------------------------	------	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

555300	D-B	D2.20	CCW1B-E (IA) INTEGRAL ATTACHMENT	ASME	VT
--------	-----	-------	-------------------------------------	------	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

555350	F-A	F1.40	CCW1B-E SUPPORT EAST (IA)	ASME	VT
--------	-----	-------	------------------------------	------	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

D. HIGH ENERGY COMPONENTS:

D1. MAIN STEAM TURBINE BUILDING

DRAWINGS: HE-7A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
200265	HE-CB	----	B PIPE-TO-ELBOW	AUG	UT MT VT

96 -MT & VT; REJECT - ARC STRIKES, GOUGES & LUG STUBS. NOT SERVICE INDUCED - CONSTRUCTION. INDICATIONS REMOVED BY GRINDING. MT & VT RE-EXAM AFTER REPAIRS-ACCEPT. UT THICKNESS READINGS-ACCEPT. UT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

D2. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
201700	HE-CS	*F1.20S	FWU-26 MECHANICAL SNUBBER (IA)	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

201701	HE-IA	*C3.20	FWU-26 (IA) INTEGRAL ATTACHMENT	AUG	MT
--------	-------	--------	------------------------------------	-----	----

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

201720	HE-CS	*F1.20R	FWU-27 RIGID SUPPORT (IA)	OE	VT
--------	-------	---------	------------------------------	----	----

96 -VT; NO RECORDABLE & INSIGNIFICANT; 2 ADDITIONAL STANCHION LUGS HAVE BEEN ADDED, DRAWING TO BE REVISED - ACCEPTABLE.

201721	HE-IA	*C3.20	FWU-27 (IA) INTEGRAL ATTACHMENT	AUG	MT
--------	-------	--------	------------------------------------	-----	----

96 -MT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

E. LEAKAGE TESTING:

E1. LEAKAGE EXAMINATIONS CLASS 1,2,3

DRAWINGS: L-1

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

96 -VT; NO EVIDENCE OF LEAKAGE AT FINAL PLATEAU. LAST PLATEAU WAS HELD
FOR 4 HRS AT OPERATING TEMPERATURE & PRESSURE BEFORE WALKDOWN.
- ACCEPTABLE.

412100	D-B	IWD5221	STANDBY AUXILIARY FEEDWATER PUMP "D"	ASME	VT
--------	-----	---------	---	------	----

96 -VT; NO EVIDENCE OF LEAKAGE. COMPLETED BOUNDARY THIS OUTAGE - ACCEPTABLE.

414000	D-A	IWD5221	SERVICE WATER OUTSIDE CONTAINMENT	ASME	VT
--------	-----	---------	--------------------------------------	------	----

96 -VT; NO EVIDENCE OF LEAKAGE. COMPLETED BOUNDARY THIS OUTAGE. - ACCEPTABLE.

415600	C-H	IWC5221	PRESSURIZER (TRC01) CLASS 2 INSTRUMENTATION	ASME	VT
--------	-----	---------	---	------	----

96 -VT; - ACCEPTABLE.

415650	C-H	IWC5221	RPV (RPC01) CLASS 2 INSTRUMENTATION	ASME	VT
--------	-----	---------	---	------	----

96 -VT; - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

F. STEAM GENERATOR EDDY CURRENT EXAMINATIONS:

F1. STEAM GENERATOR A

DRAWINGS: N/A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
802500	B-Q	B16.20	OPEN GENERATOR TUBES BOBBIN COIL - 100% FULL LENGTH	ASME	ET ET

96 -ET; SEE 1996 S/G EDDY CURRENT FINAL REPORT & BWI FINAL REPORT FOR DETAILS, - ACCEPTABLE.

802600	SG-ET	----	OPEN GENERATOR TUBES PERIPHERAL TUBES	OE	ET ET
--------	-------	------	--	----	----------

96 -ET; SEE 1996 S/G EDDY CURRENT FINAL REPORT & BWI FINAL REPORT FOR DETAILS, - ACCEPTABLE.

F2. STEAM GENERATOR B

DRAWINGS: N/A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
803500	B-Q	B16.20	OPEN GENERATOR TUBES BOBBIN COIL - 100% FULL LENGTH	ASME	ET ET

96 -ET; SEE 1996 S/G EDDY CURRENT FINAL REPORT & BWI FINAL REPORT FOR DETAILS, - ACCEPTABLE.

803600	SG-ET	----	OPEN GENERATOR TUBES PERIPHERAL TUBES	OE	ET ET
--------	-------	------	--	----	----------

96 -ET; SEE 1996 S/G EDDY CURRENT FINAL REPORT & BWI FINAL REPORT FOR DETAILS, - ACCEPTABLE.



R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

G. SNUBBER PROGRAM COMPONENTS:

G1. STEAM GENERATOR A

DRAWINGS: A-7F

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

-96 -VT; SETTING 38 1/8", S/N = 7728073-A. NO RECORDABLE INDICATIONS
- ACCEPTABLE.

600090	SN-VT	----	SGA-8 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	----------------------------	-----	----

96 -VT; SETTING 38 1/4", S/N = 7728073-A. NO RECORDABLE INDICATIONS
- ACCEPTABLE.

600091	SN-FT	----	SGA-8 HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	----------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

G2. STEAM GENERATOR B

DRAWINGS: A-7F

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

96 -VT; SETTING 38 1/2", S/N = 7728073-A. NO RECORDABLE INDICATIONS
- ACCEPTABLE.

600130	SN-VT	----	SGB-4 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	----------------------------	-----	----

96 -VT; SETTING 38 3/8", S/N = 7728073-A. NO RECORDABLE INDICATIONS
- ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G3. TURBINE DRIVEN AUX. FW PUMP SUCTION

DRAWINGS: C-16

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

96 -VT; SETTING 2", S/N = 20925, NO RECORDABLE INDICATIONS - ACCEPTABLE.

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

DRAWINGS: C-1E

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

96 -VT; SETTING 2 3/4", S/N = 24452, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600240	SN-VT	----	AFU-34 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 3/4", S/N = 14448, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600260	SN-VT	----	AFU-52 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 1 3/4", S/N = 24453, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600280	SN-VT	----	AFU-75 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 1/8", S/N = 20924, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G4. AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.) DRAWINGS: C-1E

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
600300	SN-VT	----	AFU-98 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 1 9/16", S/N = 24454, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600320	SN-VT	----	AFU-101 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------	-----	----

96 -VT; SETTING 3 3/8", S/N = 15751, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600339	SN-VT	----	AFU-103 (EAST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 3", S/N = 18184, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600340	SN-VT	----	AFU-103 (WEST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 3 1/2", S/N = 18185, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600360	SN-VT	----	AFU-109 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 1/4", S/N = 30986, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600380	SN-VT	----	AFU-111 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------	-----	----

96 -VT; SETTING 2 1/16", S/N = 16377, NO RECORDABLE INDICATIONS - ACCEPTABLE.

600400	SN-VT	----	AFU-123 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------	-----	----

96 -VT; SETTING 1 5/8", S/N = 22485, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G4. AUX. FW PUMPS DISCH - INTERMED. BLDG. (CONT.) DRAWINGS: C-1E

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

96 -VT; SETTING 2", S/N = 24451, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G5. STEAM GENERATOR B BLOWDOWN LINE DRAWINGS: B-31

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

96 -VT; REJ: LOOSE NUTS, MISALIGNMENT. ACTION REPORTS 96-0246, -0345, -0426 & -0535 GENERATED. DISPOSITION OF ACTION REPORTS & MECH. ENG, MEMO ACCEPT. SETTING=2 3/4" HOT, 1 1/2" COLD. S/N =10182. VT-ACCEPT. SERVICE INDUCED-SNUBBER PROGRAM REQUIREMENTS.

G6. AUX.COOL LINE 4S-AC6-152 DRAWINGS: B-29

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

96 -VT; SETTING 1 5/8", S/N = 11462, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G7. AUX.COOL SYS.FRM.PUMP COOL OUT.TO PEN126 DRAWINGS: C-34

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

96 -VT; SETTING 2 1/2", S/N = 18194, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

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

DRAWINGS: B-30

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

96 -VT; SETTING 2 1/2", S/N = 18193, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G9. 2" LETDOWN TO REGEN HTX

DRAWINGS: A-23

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

96 -VT; SETTING 2", S/N = 20880, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G10. 2" CHARGING TO REGEN HTX

DRAWINGS: A-30

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

96 -VT; SETTING 2", S/N = 38555, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G11. 2" ALTERNATE CHARGING TO LOOP B HOT LEG

DRAWINGS: A-27

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

96 -VT; SETTING 1 1/2", S/N = 9483, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G12. 2" CVCS RELIEF LINE TO PRT

DRAWINGS: B-32

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

96 -VT; SETTING 1 1/2", S/N = 23518, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G13. SEAL WATER TO RCP-B

DRAWINGS: A-32

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

96 -VT; SETTING 2 1/8", S/N = 24450, NO RECORDABLE & INSIGNIFICANT
- ACCEPTABLE.

600980	SN-VT	----	CVU-104 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------	-----	----

96 -VT; SETTING 2", S/N = 2449, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G14. SEAL WATER RETURN FROM RCP-A

DRAWINGS: B-34

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

96 -VT; SETTING 1 3/4", S/N = 16541, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G15. 2" LETDOWN LINE TO NON-REGEN HTX

DRAWINGS: B-35

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

96 -VT; SETTING 1 1/4", S/N = 9491, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601060	SN-VT	----	CVU-351 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------	-----	----

96 -VT; SETTING 3/4", S/N = 9472, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G16. CVCS LETDOWN LINE TO MIX BED DEMIN

DRAWINGS: B-36

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

96 -VT; SETTING 3/4", S/N = 9478, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G17. FEEDWATER LOOP A INSIDE CV

DRAWINGS: B-12

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

96 -VT; SETTING 4 1/8", S/N = 43862, REJECT; HEAVY OIL RESIDUE, ACTION REPORT 96-0466 GENERATED. RE-EXAM - NO RECORDABLE INDICATIONS - ACCEPTABLE. SNUBBER WAS REPLACED. SNUBBER PROGRAM REQUIREMENTS APPLY.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G17. FEEDWATER LOOP A INSIDE CV (CONT.)

DRAWINGS: B-12

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

96 -VT; REJECT; IMPROPER SETTING. ACTION REPORT 96-0590 GENERATED. SETTING ACCEPTED BY MECH. ENG. MEMO. SETTING 3 7/8", S/N = 2500-10-152, NO RECORDABLE INDICATIONS - ACCEPTABLE. SNUBBER PROGRAM REQUIREMENTS APPLY.

G18. FEEDWATER LOOP B INSIDE CV

DRAWINGS: B-13

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

96 -VT; SETTING 2 1/4", S/N = 8033, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601130	SN-VT	----	FWU-12 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/4", S/N = 8034, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G19. FEEDWATER LOOP A OUTSIDE CV

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601140	SN-VT	----	FWU-15 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 5/8", S/N = 9358, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G19. FEEDWATER LOOP A OUTSIDE CV (CONT.)

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601150	SN-VT	----	FWU-17 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 4 3/4", S/N = 9392, NO RECORDABLE & INSIGNIFICANT, CORROSION STAINS ON PAINTED SURFACE - ACCEPTABLE.

601160	SN-VT	----	FWU-18 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/2", S/N = 7067, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601161	SN-FT	----	FWU-18 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

601170	SN-VT	----	FWU-20 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 1 3/4", S/N = 7049, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601180	SN-VT	----	FWU-21 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	-----------------------------	-----	----

96 -VT; SETTING 3 13/16", S/N = 2500-20-38, NO RECORDABLE & INSIGNIFICANT; FLUID LEVEL DOES NOT CORRESPOND WITH SNUBBER PISTON BY 1" - ACCEPTABLE.

601190	SN-VT	----	FWU-23 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4", S/N = 8630, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G19. FEEDWATER LOOP A OUTSIDE CV (CONT.)

DRAWINGS: B-11

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601191	SN-FT	----	FWU-23 MECHANICAL SNUBBER	AUG	FT

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

601200	SN-VT	----	FWU-24 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/32", S/N = 10061, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601209	SN-VT	----	FWU-26 (EAST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------------	-----	----

96 -VT; SETTING 3", S/N = 18179, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601210	SN-VT	----	FWU-26 (WEST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------------	-----	----

96 -VT; SETTING 3", S/N = 18180, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G20. FEEDWATER LOOP B OUTSIDE CV

DRAWINGS: HE-5

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

96 -VT; SETTING 3 1/4", S/N = 7053, NO RECORDABLE & INSIGNIFICANT; ID TAG BROKEN - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G20. FEEDWATER LOOP B OUTSIDE CV (CONT.)

DRAWINGS: HE-5

Summary Number =====	Exam Categ =====	Item Number =====	Component =====	Component Type =====	NDE Exam =====
601230	SN-VT	----	FWU-38 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 3 9/16", S/N = 9395, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601240	SN-VT	----	FWU-39 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4", S/N = 9854 51642, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601250	SN-VT	----	FWU-40 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/2", S/N = 7066, NO RECORDABLE & INSIGNIFICANT; BROKEN ID TAG - ACCEPTABLE.

601260	SN-VT	----	FWU-42 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4 1/4", S/N = 6159, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601261	SN-FT	----	FWU-42 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

601270	SN-VT	----	FWU-44 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	-----------------------------	-----	----

96 -VT; SETTING 3 7/8", S/N = G43864-02-20, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G20. FEEDWATER LOOP B OUTSIDE CV (CONT.)

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601280	SN-VT	----	FWU-47 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 4 5/8", S/N = 7474, INSIGNIFICANT; ACTION REPORT 96-0513 GENERATED FOR RIPPED BOOT - ACCEPTABLE.

601290	SN-VT	----	FWU-48 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4 1/2", S/N = 4785, REJECT; ACTION REPORT 96-0513 GENERATED TO ADDRESS RADIAL MOVEMENT OF SNUBBER. RE-EXAM AFTER CORRECTIONS - ACCEPTABLE. NOT SERVICE INDUCED. SNUBBER PROGRAM REQUIREMENTS APPLY.

601300	SN-VT	----	FWU-51 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4 1/2", S/N = 7483, NO RECORDABLE & INSIGNIFICANT; PIGEON FECES - ACCEPTABLE.

601310	SN-VT	----	FWU-52 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/8", S/N = 6607, NO RECORDABLE & INSIGNIFICANT; PIGEON FECES - ACCEPTABLE.

601320	SN-VT	----	FWU-54 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4", S/N = 7482, NO RECORDABLE & INSIGNIFICANT; PIGEON FECES - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G20. FEEDWATER LOOP B OUTSIDE CV (CONT.)

DRAWINGS: HE-5

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
601330	SN-VT	----	FWU-57 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 3", S/N = 10064, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

G21. MAIN STEAM LOOP A INSIDE CV

DRAWINGS: B-8

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

96 -VT; SETTING 3 3/4", S/N = 7087, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601360	SN-VT	----	MSU-3 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-----------------------------	-----	----

96 -VT; SETTING 3", S/N = 7060, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G22. MAIN STEAM LOOP B INSIDE CV

DRAWINGS: B-8

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

96 -VT; SETTING 2 3/4", S/N = 7051, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G22. MAIN STEAM LOOP B INSIDE CV (CONT.)

DRAWINGS: B-8

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601370	SN-VT	----	MSU-7 (BOTTOM/EAST) MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 3", S/N = 7047, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601380	SN-VT	----	MSU-8 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	----------------------------	-----	----

96 -VT; REJECT; ACTION REPORT 96-0465 GENERATED FOR INCORRECT SETTING & LACK OF 2 THREADS FOR FULL ENGAGEMENT. RE-EXAM AFTER CORRECTIONS. NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING 3", S/N = G20968130. NOT SERVICE INDUCED. SNUBBER PROGRAM REQUIREMENTS APPLY.

G23. MAIN STEAM LOOP B OUTSIDE CV

DRAWINGS: B-10A

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

96 -VT; SETTING 3 5/8", S/N = 9400, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601399	SN-VT	----	MSU-13 (EAST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------------	-----	----

96 -VT; SETTING 3 1/8", S/N = 1467, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601400	SN-VT	----	MSU-13 (WEST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------------	-----	----

96 -VT; SETTING 3 3/8", S/N = 1464, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G23. MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
601409	SN-VT	----	MSU-15 (NORTH) MECHANICAL SNUBBER	AUG	VT
96 -VT; SETTING 3 3/8", S/N = 7476, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.					
601410	SN-VT	----	MSU-15 (SOUTH) MECHANICAL SNUBBER	AUG	VT
96 -VT; SETTING 3 7/8", S/N = 7477, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.					
601419	SN-VT	----	MSU-16 (NORTH) MECHANICAL SNUBBER	AUG	VT
96 -VT; REJECT; ACTION REPORT 96-0534 GENERATED FOR INCORRECT SETTING. SETTINGS ACCEPTABLE PER ACTION REPORT & MECH ENG MEMO. SETTINGS HOT = 3 5/8", COLD = 3 1/8"; S/N = 7481. NO RECORDABLE & INSIGNIFICANT- PIGEON FECES -ACCEPTABLE. SNUBBER PROGRAM REQUIREMENTS APPLY.					
601420	SN-VT	----	MSU-16 (SOUTH) MECHANICAL SNUBBER	AUG	VT
96 -VT; REJECT; ACTION REPORT 96-0534 GENERATED TO ADDRESS SETTING. SETTINGS ACCEPTABLE PER ACTION REPORT & MECH ENG MEMO. SETTINGS; HOT = 4 3/16", COLD = 3 3/4". S/N = 7480. NO RECORDABLE & INSIGNIFICANT-PIGEON FECES-ACCEPT. SNUBBER PROGRAM REQUIREMENTS APPLY.					
601429	SN-VT	----	MSU-18 (NORTH) MECHANICAL SNUBBER	AUG	VT
96 -VT; SETTING 2 1/4", S/N = 7478, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.					

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G23. MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601430	SN-VT	----	MSU-18 (SOUTH) MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 1/2", S/N = 7197, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601432	SN-FT	----	MSU-18 (SOUTH) MECHANICAL SNUBBER	AUG	FT
--------	-------	------	--------------------------------------	-----	----

96 -FT; TEST REQUIRED DUE TO FUNCTIONAL TEST FAILURE IN 1996. SNUBBER TESTED OPERABLE.

601439	SN-VT	----	MSU-19 (NORTH) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 3", S/N = 9369, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601440	SN-VT	----	MSU-19 (SOUTH) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 2 7/8", S/N = 9372, NO RECORDABLE & INSIGNIFICANT - PIGEON FECES - ACCEPTABLE.

601441	SN-FT	----	MSU-19 (NORTH) MECHANICAL SNUBBER	AUG	FT
--------	-------	------	--------------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

601442	SN-FT	----	MSU-19 (SOUTH) MECHANICAL SNUBBER	AUG	FT
--------	-------	------	--------------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G23. MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601450	SN-VT	----	MSU-22 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 1/8", S/N = 9357, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601451	SN-FT	----	MSU-22 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

601460	SN-VT	----	MSU-25 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 1 3/4", S/N = 1465, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601469	SN-VT	----	MSU-26 (TOP) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------------	-----	----

96 -VT; SETTING 5", S/N = 9355, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE..

601470	SN-VT	----	MSU-26 (BOTTOM) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	---------------------------------------	-----	----

96 -VT; SETTING 4 3/4", S/N = 4686, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

601480	SN-VT	----	MSU-27 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 1", S/N = 9398, NO RECORDABLE & INSIGNIFICANT, PIGEON FECES - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G23. MAIN STEAM LOOP B OUTSIDE CV (CONT.)

DRAWINGS: B-10A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601490	SN-VT	----	MSU-29 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 4 1/4", S/N = 1469, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601500	SN-VT	----	MSU-31 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 1/2", S/N = 9356, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601510	SN-VT	----	MSU-32 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 3/8", S/N = 1093, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G24. MAIN STEAM LOOP A OUTSIDE CV

DRAWINGS: B-9A

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

96 -VT; SETTING 1 5/8", S/N = 1090, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601530	SN-VT	----	MSU-39 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4 3/4", S/N = 1087, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601540	SN-VT	----	MSU-40 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 4 5/8", S/N = 1080, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G24. MAIN STEAM LOOP A OUTSIDE CV (CONT.)

DRAWINGS: B-9A

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

96 -VT; SETTING 3 1/8", S/N = 1468, NO RECORDABLE & INSIGNIFICANT, SNUBBER SCALE HAS PAINT OVERSPRAY, - ACCEPTABLE.

G25. MAIN STEAM LOOP B ATMOSPHERIC VENT

DRAWINGS: B-10

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

96 -VT; REJECT; ACTION REPORT 96-0518 GENERATED. SNUBBER INSTALLED BACKWARDS. DCR'S 96-0146/0147 GENERATED, DRAWING TO BE CHANGED TO REFLECT CONFIGURATION. NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING 2 3/4", S/N = 18195.

601570	SN-VT	----	MSU-57 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/4", S/N = 27182, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601571	SN-FT	----	MSU-57 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED DUE TO FAILURE IN 1995. SNUBBER TESTED OPERABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G26. MAIN STEAM LOOP A ATMOSPHERIC VENT

DRAWINGS: B-9A

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

96 -VT; SETTING 3 1/8", S/N = 18187, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601581	SN-FT	----	MSU-58 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

601590	SN-VT	----	MSU-60 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 1/2", S/N = 18197, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G27. MAIN STEAM LOOP B TO AUX FW PUMP TURBINE

DRAWINGS: C-32

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

96 -VT; SETTING 1 5/8", S/N = 15767, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601601	SN-FT	----	MSU-72 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G27. MAIN STEAM LOOP B TO AUX FW PUMP TURBINE (CONT.) DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601610	SN-VT	----	MSU-74 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 3 1/4", S/N = 10066, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G28. MAIN STEAM LOOP B ATMOSPHERIC VENT DRAWINGS: B-10

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

96 -VT; SETTING 2", S/N = 8030, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G29. MAIN STEAM LOOP A TO AUX FW PUMP TURBINE DRAWINGS: C-32

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

96 -VT; SETTING 3", S/N = 8579, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601640	SN-VT	----	MSU-80 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 2 1/16", S/N = 18181, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G29. MAIN STEAM LOOP A TO AUX FW PUMP TURBINE (CONT.) DRAWINGS: C-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
601650	SN-VT	----	MSU-82 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 7/8", S/N = 15768, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601659	SN-VT	----	MSU-84 (EAST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------------	-----	----

96 -VT; SETTING 2 1/2", S/N = 10108, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601660	SN-VT	----	MSU-84 (WEST) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------------	-----	----

96 -VT; SETTING 2 1/8", S/N = 10141, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601670	SN-VT	----	MSU-85 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/4", S/N = 10074, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G30. 6-IN. RESID HT REMOVAL TO RPV (LHSI) DRAWINGS: B-17

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

96 -VT; SETTING 2 1/2", S/N = 15755, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G31. RESIDUAL HEAT REMOVAL FROM LOOP A HOT LEG

DRAWINGS: A-15

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

96 -VT; SETTING 1 1/16", S/N = 7065, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601700	SN-VT	----	RHU-33 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	------------------------------	-----	----

96 -VT; SETTING 3 1/8". S/N = 7064, REJECT: SNUBBER LOCK NUT WRONG WIDTH - ACCEPTABLE PER MECH ENG MEMO, NO RECORDABLE INDICATIONS - ACCEPTABLE. SNUBBER PROGRAM REQUIREMENTS APPLY.

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

DRAWINGS: B-23

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

96 -VT; SETTING 2 1/2", S/N = 15756, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G33. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG

DRAWINGS: B-25

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

96 -VT; SETTING 2 3/8", S/N = 15752, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G33. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG (CONT.) DRAWINGS: B-25

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601730	SN-VT	----	RHU-53 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 5/8", S/N = 15754, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G34. RESIDUAL HEAT REMOVAL LINE 6D-AC-601 DRAWINGS: B-26

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

96 -VT; SETTING 2 3/8", S/N = 15733, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G35. RESIDUAL HEAT REMOVAL LINE 10E-AC-601 DRAWINGS: B-20

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

96 -VT; SETTING 2 3/4", S/N = 16380, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601750	SN-VT	----	RHU-63 (SOUTH) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 2 15/16", S/N = 16375, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

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

DRAWINGS: B-20A

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

96 -VT; SETTING 2 1/4", S/N = 8629, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601769	SN-VT	----	RHU-71 (NORTH) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 2 7/16", S/N = 11466, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601770	SN-VT	----	RHU-71 (SOUTH) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--------------------------------------	-----	----

96 -VT; SETTING 2 1/2", S/N = 11465, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G37. RHR PUMP A SUCTION LINE

DRAWINGS: B-20A

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

96 -VT; SETTING 3 1/8", S/N = 8606, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

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

DRAWINGS: B-20

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

96 -VT; SETTING 3 7/16", S/N = 8632, NO RECORDABLE & INSIGNIFICANT, LIGHT CORROSION, MEDIUM TO HEAVY RUST ON BASE PLATE & FLOOR. T/C GENERATED - AFTER CLEAN UP - ACCEPTABLE.

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

DRAWINGS: B-21

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

96 -VT; SETTING 2 1/4", S/N = 16376, NO RECORDABLE & INSIGNIFICANT, DRY BORIC ACID RESIDUE ON BASE PLATE. T/C GENERATED. AFTER CLEAN UP - ACCEPTABLE.

G40. H.P. SAFETY INJECTION LINE FROM RWST

DRAWINGS: B-19

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

96 -VT; SETTING 2 1/8", S/N = 11463, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601811	SN-FT	----	RHU-109 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	-------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G40. H.P. SAFETY INJECTION LINE FROM RWST (CONT.) DRAWINGS: B-19

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
601820	SN-VT	----	RHU-110 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 3/16", S/N = 16373, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G41. H.P. SAFETY INJECTION PUMP A SUCTION LINE DRAWINGS: B-16B

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

96 -VT; SETTING 1 3/4", S/N = 15766, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G42. H.P. SAFETY INJECTION LINE 8J-SI-151 DRAWINGS: B-19

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

96 -VT; SETTING 2 1/2", S/N = 15765, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601841	SN-FT	----	RHU-123 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	-------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G43. H.P. SAFETY INJECTION LINE TO LOOP A COLD LEG DRAWINGS: A-17

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

96 -VT; SETTING 3 3/16", S/N = 8614, NO RECORDABLE & INSIGNIFICANT, NO ID TAG - ACCEPTABLE.

G44. H.P. SAFETY INJECTION LINE TO LOOP B COLD LEG DRAWINGS: A-16

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

96 -VT; SETTING 3", S/N = 15349, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G45. RESIDUAL HEAT REMOVAL TO LOOP B COLD LEG DRAWINGS: A-14

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

96 -VT; SETTING 2 1/2", S/N = 15348, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G46. SVC.WTR.-TO A & B DIESEL GEN.WTR.COOLERS DRAWINGS: C-13

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

96 -VT; SETTING 1 1/8", S/N = 12508, NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G47. SERVICE WATER LINE 8L-SW-125

DRAWINGS: B-50A

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

96 -VT; SETTING 2 7/8", S/N = 8031, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601910	SN-VT	----	SWU-309 MECHANICAL SNUBBER	AUG	VT
--------	-------	------	-------------------------------	-----	----

96 -VT; SETTING 3 3/8", S/N = 10073, NO RECORDABLE INDICATIONS - ACCEPTABLE.

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

DRAWINGS: C-16B

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

96 -VT; SETTING 2 1/8", S/N = 11464, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G49. STANDBY AUX FW THRU PEN 123 TO B S/G FWHD INCV

DRAWINGS: C-24

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601930	SN-VT	----	AFU-205 (AFW-10) HYDRAULIC SNUBBER	AUG	VT

96 -VT; SETTING 3 3/16", S/N = 15403, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL APPROX. 70% - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G49. STANDBY AUX FW THRU PEN 123 TO B S/G FWHD INCV (CONT.) 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

96 -VT; SETTING 1 25/32", S/N = 12902, NO RECORDABLE INDICATIONS - ACCEPTABLE.

601941	SN-FT	----	AFU-208 (AFW-13) HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	---------------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED DUE TO FAILURE IN 1995. SNUBBER FAILED FUNCTIONAL TEST. SNUBBER REPLACED. SNUBBER TO BE TESTED IN 1997.

G50. STANDBY AUX FW THRU PEN 119 TO A S/G FWHD INCV DRAWINGS: C-20

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

96 -VT; SETTING 2 1/2", S/N = 12906, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 3/4 FULL - ACCEPTABLE.

601971	SN-FT	----	AFU-224 (AFW-28) HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	---------------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED DUE TO FAILURE IN 1995. SNUBBER FAILED FUNCTIONAL TEST. SNUBBER WAS RE-BUILT. SNUBBER WILL BE TESTED IN 1997.

601980	SN-VT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------------------	-----	----

96 -VT; REJECT; ACTION REPORT 96-0443 GENERATED DUE TO SETTINGS. SETTINGS ACCEPTABLE PER ACTION REPORT & MECH ENG MEMO. SETTINGS HOT = 3 5/16", COLD = 3 3/4", S/N = 12901, NO RECORDABLE INDICATIONS - ACCEPTABLE. SNUBBER PROGRAM REQUIREMENTS APPLY.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G50. STANDBY AUX FW THRU PEN 119 TO A S/G FWHD INCV (CONT.) DRAWINGS: C-20

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
601981	SN-FT	----	AFU-226 (AFW-27) HYDRAULIC SNUBBER	AUG	FT

96 -FT; FUNCTIONAL TEST REQUIRED DUE TO SCOPE EXPANSION FUNCTIONAL TEST FAILURE OF AFU-229. SNUBBER TESTED OPERABLE.

601990	SN-VT	----	AFU-225 (AFW-29) HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------------------	-----	----

96 -VT; SETTING 1 3/4", S/N = 12906, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL APPROX. 60% - ACCEPTABLE.

602000	SN-VT	----	AFU-227 (AFW-31) MECHANICAL SNUBBER	AUG	VT
--------	-------	------	--	-----	----

96 -VT; SETTING 4 1/8", S/N = 25594, NO RECORDABLE INDICATIONS - ACCEPTABLE.

602001	SN-FT	----	AFU-227 (AFW-31) MECHANICAL SNUBBER	AUG	FT
--------	-------	------	--	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

G51. PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD

DRAWINGS: S-2

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

96 -VT; REJECT; ACTION REPORT 96-0285 GENERATED FOR LEAKING OIL & LOOSE NUT. ADJUSTMENTS MADE & OIL CLEANED. RE-EXAM; NO RECORDABLE INDICATIONS - ACCEPTABLE. SETTING 3 9/16", S/N = 6565. SNUBBER PROGRAM REQUIREMENTS APPLY.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G51. PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD (CONT.) DRAWINGS: S-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
602020	SN-VT	----	N602 HYDRAULIC SNUBBER	AUG	VT

96 -VT; SETTING 2 7/16", S/N = 6568, NO RECORDABLE & INSIGNIFICANT, FLUID
LEVEL 3/4 FULL - ACCEPTABLE.

602030	SN-VT	----	N604 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; SETTING 1 3/4", S/N = 6566, NO RECORDABLE & INSIGNIFICANT, FLUID
LEVEL 1/2 FULL - ACCEPTABLE.

602040	SN-VT	----	N605 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; SETTING 2 3/4", S/N = 6561, NO RECORDABLE & INSIGNIFICANT, FLUID
LEVEL AT LEAST 1/2 FULL - ACCEPTABLE.

602050	SN-VT	----	N607 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; SETTING 3 3/4", S/N = 6562, NO RECORDABLE & INSIGNIFICANT, FLUID
LEVEL 1/2 FULL - ACCEPTABLE.

602060	SN-VT	----	N608 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; REJECT; ACTION REPORT 96-0287 GENERATED FOR LEAKING OIL. RE-EXAM
AFTER REPAIRS. NO RECORDABLE INDICATIONS - ACCEPTABLE. SNUBBER PROGRAM
REQUIREMENTS APPLY.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G51. PRESS.RELIEF FM PRESS.TO RELIEF MANIFOLD (CONT.) DRAWINGS: S-2

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602070	SN-VT	----	N615 HYDRAULIC SNUBBER	AUG	VT

96 -VT; REJECT; ACTION REPORT 96-0283 GENERATED TO ADDRESS LEAKING OIL. OIL COMING FROM VENT- USE AS IS. NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/2 FULL - ACCEPTABLE. SETTING 2 3/8", S/N = 6564. SNUBBER PROGRAM REQUIREMENTS APPLY.

602080	SN-VT	----	N616 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; REJECT; ACTION REPORT 96-0621 GENERATED FOR SETTING. SETTINGS ACCEPTABLE PER ACTION REPORT & MECH ENG MEMO. NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/2 FULL - ACCEPTABLE. SETTINGS HOT 3 5/8", COLD 3 1/4", S/N = 18193. SNUBBER PROGRAM REQUIREMENTS APPLY.

602081	SN-FT	----	N616 HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	---------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE, SNUBBER WAS REPLACED.

G52. POWER PRESS.RELIEF LINE

DRAWINGS: S-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602090	SN-VT	----	PS-2 HYDRAULIC SNUBBER	AUG	VT

96 -VT; SETTING 4 1/8", S/N = PD 87239-1244, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/8" RED SHOWING - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G52. POWER PRESS. RELIEF LINE (CONT.)

DRAWINGS: S-1

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602100	SN-VT	----	PS-4 HYDRAULIC SNUBBER	AUG	VT

96 -VT; SETTING 1 3/16", S/N = PD 86144-1152, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/8 RED SHOWING 3/8 GREEN - ACCEPTABLE.

G53. 3-IN. PRESSURIZER RELIEF LINE

DRAWINGS: A-12

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602110	SN-VT	----	PS-5 HYDRAULIC SNUBBER	AUG	VT

96 -VT; SETTING 2 3/4", S/N = PD 87238-1246, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 3/16 RED 1/8 GREEN - ACCEPTABLE.

602120	SN-VT	----	PS-6 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; SETTING 3 1/2", S/N = PD 87767-1239, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 5/8 RED 1/16 GREEN - ACCEPTABLE.

602121	SN-FT	----	PS-6 HYDRAULIC SNUBBER	AUG	FT
--------	-------	------	---------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

602130	SN-VT	----	PS-8 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	---------------------------	-----	----

96 -VT; SETTING 2 7/8", S/N = PD 86144-1159, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/16 GREEN 1/4 RED - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G54. POWER PRESS. RELIEF LINE

DRAWINGS: S-1A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602140	SN-VT	----	PS-9 HYDRAULIC SNUBBER	AUG	VT

96 -VT; REJECT; ACTION REPORTS 96-0282 & 96-0685 GENERATED FOR SETTINGS & NOTIFICATION PROBLEM. RE-EXAM AFTER CORRECTION - ACCEPTABLE. SETTINGS ACCEPTABLE PER MECH ENG MEMO. SETTING 3 3/4", S/N = PD 86144-1154. SNUBBER PROGRAM REQUIREMENTS APPLY.

602150	SN-VT	----	PS-10 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	----------------------------	-----	----

96 -VT; SETTING 3 7/8", S/N = PD 86144-1157, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/32 GREEN 1/4 RED - ACCEPTABLE.

602160	SN-VT	----	PS-11 HYDRAULIC SNUBBER	AUG	VT
--------	-------	------	----------------------------	-----	----

96 -VT; SETTING 2 3/8", S/N = PD 86144-1156, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/4 RED 1/8 GREEN - ACCEPTABLE.

G55. SEAL WATER RETURN FROM RCP-B

DRAWINGS: S-3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602200	SN-VT	----	CVU-131 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 1/2", S/N = 25432, NO RECORDABLE INDICATIONS - ACCEPTABLE.

602201	SN-FT	----	CVU-131 MECHANICAL SNUBBER	AUG	FT
--------	-------	------	-------------------------------	-----	----

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. TESTED OPERABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G55. SEAL WATER RETURN FROM RCP-B (CONT.)

DRAWINGS: S-3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
602300	SN-VT	----	CVU-550 MECHANICAL SNUBBER	AUG	VT

96 -VT; SETTING 2 1/4", S/N = 18190, NO RECORDABLE INDICATIONS - ACCEPTABLE.

G56. 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
602400	SN-VT	----	AFU-209 HYDRAULIC SNUBBER	AUG	VT

96 -VT; SETTING 2 5/16", S/N = 12904, NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 20%, W/O TO BE GENERATED TO ADD OIL TO RESERVOIR - ACCEPTABLE.

G57. 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
602500	SN-VT	----	AFU-229 HYDRAULIC SNUBBER	AUG	VT

96 -VT; REJECT; ACTION REPORT 96-0432 GENERATED DUE TO SETTING. SETTINGS OK PER ACTION REPORT. NO RECORDABLE & INSIGNIFICANT, FLUID LEVEL 1/2 FULL - ACCEPTABLE. SETTINGS; HOT = 4 1/8", COLD = 2 13/16", S/N = 12900. SNUBBER PROGRAM REQUIREMENTS APPLY.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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

ATTACHMENT I

SNUBBER PROGRAM COMPONENTS (CONT.):

G58. 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
602501	SN-FT	----	AFU-229 HYDRAULIC SNUBBER	AUG	FT

96 -FT; FUNCTIONAL TEST REQUIRED BY SNUBBER PROGRAM. SNUBBER FAILED FUNCTIONAL TEST, SCOPE EXPANSION REQUIRED TO INCLUDE AFU-226, SNUBBER WAS REPLACED, SNUBBER WILL BE FUNCTIONAL TESTED IN 1997.

H. SEISMIC SUPPORTS:

H1. CVCS LETDOWN, PEN 112 TO REG. HT. EXCH. DRAWINGS: B-32

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700100	SS-CS	*F1.20R	CVU-84 GUIDE & INTEGRAL ATTACHMENT	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

H2. MAINSTEAM

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
700450	SS-CS	*F1.20R	MSU-59 RIGID SUPPORT & INTEGRAL ATTACHMENT	OE	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

H2. MAINSTEAM (CONT.)

DRAWINGS: B-9A

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
700500	SS-CS	*F1.20R	MSU-54 RIGID SUPPORT & INTEGRAL ATTACHMENT	OE	VT

96 -VT; NO RECORDABLE & INSIGNIFICANT, LOCKNUTS OBSERVED TO BE LOOSE, ADJUSTMENTS MADE, NOT SERVICE INDUCED, SEE 1994 RESULTS & NCR94-060, - ACCEPTABLE.

700530	SS-CS	*F1.20R	MSU-49 RIGID SUPPORT & INTEGRAL ATTACHMENT	OE	VT
--------	-------	---------	--	----	----

96 -VT; NO RECORDABLE & INSIGNIFICANT, NE BASE PLATE IS LOOSE; IAW NCR94-064, ATTACHMENT 1, ITEM 2, "LATERAL RESTRAINT IS NOT REQUIRED" - ACCEPTABLE.

H3. S/G BLOWDOWN FROM PEN 322 & 321 TO N/C PIPING

DRAWINGS: SS-3

Summary Number	Exam Categ	Item Number	Component	Component Type	NDE Exam
=====	=====	=====	=====	=====	=====
700680	SS-CS	*F1.20A	BDU-23 ANCHOR & INTEGRAL ATTACHMENT	AUG	VT

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

700700	SS-CS	*F1.20A	BDU-27 ANCHOR & INTEGRAL ATTACHMENT	OE	VT
--------	-------	---------	---	----	----

96 -VT; NO RECORDABLE INDICATIONS - ACCEPTABLE.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990-1999 Interval, Second Period, Fourth Outage (1996)

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.):

H4. SAFETY INJECTION SYSTEM

DRAWINGS: A-17

Summary	Exam	Item			NDE
Number	Categ	Number	Component	Component Type	Exam
=====	=====	=====	=====	=====	=====
700710	SS-CS	*F1.20R	SIU-8	AUG	VT
			RIGID SUPPORT		

96 -VT; REJECT, ACTION REPORT 96-0445 GENERATED FOR FOREIGN MATERIAL BETWEEN PIPE & SUPPORT. USE AS IS PER ACTION REPORT, DRAWING TO BE REVISED TO INCLUDE THIS MATERIAL. 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 13 September 1996
89 East Ave., Rochester, NY 14649 Sheet 1 of 27
2. Plant R.E. Ginna Nuclear Power Plant Unit 1
1503 Lake Road, Ontario, NY 14519 (*)
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by (*) Name _____ Type Code Symbol Stamp N/A
 Authorization No. N/A
 (*) Expiration Date N/A
 Address
4. Identification of System (*)
5. (a) Applicable Construction Code (*) 19 (*) Edition, (*) Addenda, (*) Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Build	Repaired Replaced or Replacement	ASME Code Stamped (Yes or No)
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

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

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

(*) See "ATTACHMENT II" FOR APPLICABLE INFORMATION

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

FORM NIS-2 (Back)

9. Remarks (*)
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed F.A. Klepacki F.A. Klepacki, ISI Engineer Date 13 September, 19 96
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 5/5/95 to 6/10/96, 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 9/13 19 96

(*) See "ATTACHMENT II" FOR APPLICABLE INFORMATION

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

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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.

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, Second Period, Fourth Outage (1996)

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

ATTACHMENT II

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

The following groups have performed applicable Repair, Replacement and Modification activities during the 1996 Outage. Each group has been identified by a number and will correspond to the groups' name and address. Rochester Gas and Electric, Ginna Station departments will not be identified as like contractors but by generic name. In the below listing of Repairs, Replacements or Modifications; the work group will be identified by a number within the component discussion.

1. Rochester Gas & Electric, Ginna Station
- 1A. Rochester Gas & Electric, Laboratory & Inspection Services
2. NPS Energy Services
280 King of Prussia Road
Radnor, Pa. 19087
3. Bechtel Power Corporation
9801 Washington Boulevard
Gaithersburg, Maryland 20878-5356
4. Team Leak, Inc.,
Syracuse, New York
5. Babcock & Wilcox
Canada

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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: Pressurizer GORR No.: 96-E-001
Line: 3B-RC8-2501 Category: Corrective Action Activity
3A-RC8-2501
Construction Code: ASME Section III '86;
Work Performed By: 2
Name of Component: V430, V431C Plugs & Cages
Work Description/Remarks: A Replacement activity was initiated for plugs & cages associated with Valves 430 & 431C. This activity was controlled by WO #'s 19504164 ,19503981; and PCR 96-032. Upon activity conclusion, a VT-2 Leakage Examination was performed & acceptable under PT-7 (01.1).
2. ASME Class: 2 System: SI GORR No.: 95-E-012
Line: 1.5D-SI-1501 Category: Corrective Action Activity
Construction Code: ASME Section III '86;
Work Performed By: 1
Name of Component: V891C Weld Repair
Work Description/Remarks: An ASME Section XI Code Repair was performed on the upstream socket weld at Valve 891C that was found leaking. This activity was controlled by WO # 19501520 & NCR 95-052. Construction Surface (PT) & Visual (VT) examinations were performed and acceptable. Upon conclusion of the Repair Cycle, a Hydrostatic Test and accompanying VT-2 Examination was performed & acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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: RHR GORR No.: 96-001
Line: 3B-AC-601 Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86
Work Performed By: 1
Name of Component: FE-673 Studs & Nuts
Work Description/Remarks: A Replacement activity was initiated for studs & nuts associated with FE-673. This activity was controlled by WO # 19501415. Upon reinstallation, an ASME Section XI VT-2 Leakage examination was performed and acceptable.
4. ASME Class: 2 System: SAFW GORR No.: 96-002
Line: 3B-FW-900-1A Category: Corrective Action Activity
Construction Code: ASME III, NF 1974
Work Performed By: 1
Name of Component: AFU-123 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support AFU-123. This activity was controlled by WO # 19404238 and Action Report 95-0232. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.
5. ASME Class: 1 System: Steam Generators GORR No.: 96-003
Line: N/A Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291
Work Performed By: 1
Name of Component: S/G "B" Snubber (SGB-3) Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support SGB-3 on S/G "B". This activity was controlled by WO # 19404251 and Action Report 95-0232. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

6. ASME Class: 2 System: CVCS-Letdown GORR No.: 96-004
Line: 2E-CH-601 Category: Corrective Action Activity
Construction Code: ASME III NF '74
Work Performed By: 1
Name of Component: CVU-80 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support CVU-80. This activity was controlled by WO # 19404240 and Action Report 95-0232. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.
7. ASME Class: 2 System: CVCS GORR No.: 96-005
Line: 2A-CH4-151 Category: Corrective Action Activity
Construction Code: ASME III NF '74, SP-5291, ME-318
Work Performed By: 1
Name of Component: CVU-372 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support CVU-372. This activity was controlled by WO # 19404241 and Action Report 95-0232. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.
8. ASME Class: 3 System: AFW GORR No.: 96-006
Line: 3K-FW7-900-1 Category: Corrective Action Activity
Construction Code: ASME III NF '74, SP-5291, ME-318
Work Performed By: 1
Name of Component: AFU-34 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support AFU-34. This activity was controlled by WO # 19404236. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

9. ASME Class: 2 System: MS GORR No.: 96-008
Line: 6B-MS-600-1A Category: Corrective Action Activity
Construction Code: ASME III NF '74, SP-5291, ME-318
Work Performed By: 1
Name of Component: MSU-60 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support MSU-60. This activity was controlled by WO # 19501414 and NCR 95-039. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.

10. ASME Class: 3 System: SW GORR No.: 96-009
Line: N/A Category: Corrective Action Activity
Construction Code: B31.1 '55, Gilbert Spec RO-2204, SP-5291
Work Performed By: 1
Name of Component: PSW01D, SW Pump D Bowl Ass'y & Shaft
Work Description/Remarks: A Bowl assembly with shaft Replacement activity was initiated for Service Water Pump "D" with previously rebuilt items. This activity was controlled by WO # 19500529, PCR 95-023 and NCR 95-061. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable on the associated Rigid Restraint. Also, a VT-2 Leakage examination was performed and acceptable under PT-2.7.1 .

11. ASME Class: 2 System: MS GORR No.: 96-010
Line: 30A-MS-600-1A Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291
Work Performed By: 4
Name of Component: V3517 Nuts
Work Description/Remarks: A Replacement activity was initiated for Valve 3517 Cap Nuts. This activity was controlled by WO # 19503340 and TM 95-045. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

12. ASME Class: 3 System: SW GORR No.: 96-011
Line: 1.5F-SW0-125-1 Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86
Work Performed By: 1
Name of Component: ACA05, Piping & Fittings
Work Description/Remarks: A Replacement activity was initiated for Penetration Cooler ACA05, Piping & Fittings. This activity was controlled by WO # 19404349 and Action Report 96-0115. Construction Code VT examinations were performed and acceptable on the Soldered Copper joints. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
13. ASME Class: 3 System: Aux. FW GORR No.: 96-013
Line: 3A-FW7-900-1A Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86, B16.34
Work Performed By: 1
Name of Component: V4009 Disc Replacement
Work Description/Remarks: A Replacement activity was initiated for the Disc associated with Valve 4009. This activity was controlled by WO #'s 19600808, 19600964. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
14. ASME Class: 3 System: SW GORR No.: 96-014
Line: N/A Category: Corrective Action Activity
Construction Code: SP-5291, ASME III '86
Work Performed By: 1
Name of Component: ESW08A, ESW09A Bolting
Work Description/Remarks: A Replacement activity was initiated on bolting associated with D/G "A" Jacket Water and Lube Oil Heat Exchangers (Shell & Tube sides) as well as a 1/2" bolt on ESW09A - West Base Support. This activity was controlled by WO # 19501745. Construction Code VT examinations were performed and acceptable on ESW09A - West Base Support. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

15. ASME Class: 2 System: SI GORR No.: 96-015
Line: 1.5D-SI-1501 Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86
Work Performed By: 1
Name of Component: Piping & Fittings upstream of V891C
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for 1 1/2" piping & fittings upstream of Valve 891C to the 3" Header. This activity was controlled by WO # 19501554 and Action Report 95-0394. Construction Code VT and PT examinations were performed and acceptable. Upon completion of this replacement activity, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31.
16. ASME Class: 2 System: MS GORR No.: 96-017
Line: 6A-MS-600-1B Category: Corrective Action Activity
Construction Code: ASME III '77/'86
Work Performed By: 2
Name of Component: V3504A; Disc, Stem & Bonnet Bolting
Work Description/Remarks: A Replacement activity was initiated for the Disc, Stem & Bonnet Bolting associated with Valve 3504A. This activity was controlled by WO # 19504931. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable..
17. ASME Class: 2 System: CVCS GORR No.: 96-019
Line: 3G-CH-151 Category: Corrective Action Activity
Construction Code: B31.1 '55, G-676262, SP-5291
Work Performed By: 1
Name of Component: V313 Disc
Work Description/Remarks: A Replacement activity was initiated for the Disc associated with Valve 313. This activity was controlled by WO # 19502488. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

18. ASME Class: 1 System: RCS GORR No.: 96-024
Line: 3A-RC8-2501-B Category: Corrective Action Activity
Construction Code: B31.1 '55, MSS-SP-69, ASME III '86
SP-5291
Work Performed By: 2
Name of Component: V431B Internals
Work Description/Remarks: A Replacement activity was initiated for Valve 431B Plug, Cage and Spacer. Also, the Bonnet gasket area was modified to allow for the installation of a thicker gasket. This activity was controlled by WO # 19601119, Action Report 96-0375, PCR 96-041 and TE 91-515. Construction Code PT examinations were performed and acceptable on the closure and seat surfaces, and Bonnet. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with PT-7 (01.1).
19. ASME Class: 3 System: Diesel Generators GORR No.: 96-026
Line: N/A Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86
Work Performed By: 1
Name of Component: ESW08B, ESW09B Bolting Replacement
Work Description/Remarks: A Bolting Replacement activity was initiated on ESW08B & ESW09B Heat Exchangers. This activity was controlled by WO # 19501746 and Action Report 96-0041. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
20. ASME Class: 1 System: RCS/Pressurizer GORR No.: 96-027
Line: 3A-RC8-2501-A Category: Corrective Action Activity
3A-RC8-2501-B
Construction Code: ASME III '86
Work Performed By: 2
Name of Component: Valves 431A & 431B Gasket Seat Repairs
Work Description/Remarks: A Repair by metal removal was initiated on the Bonnet gasket seating surface for Valves 431A and 431B. This activity was controlled by WO # 19601119 and PCR 96-041. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with PT-7 (01.1).

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

21. ASME Class: 3 System: CCW GORR No.: 96-028
Line: 3G-AC6-152 Category: Corrective Action Activity
3H-AC6-152
Construction Code: B31.1 '55, G-676262, ASME III '86/'92
Work Performed By: 1
Name of Component: FIC 609/613, Valves 762A/B & Piping
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for FIC-609, FIC-613, Valves 762A & 762B, and associated piping. This activity was controlled by WO # 19320707 and TE 94-552. Construction Code Final Surface (PT/MT) examinations were performed and acceptable. Root Pass Surface examinations were also performed and acceptable. Upon completion of this replacement activity, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31.
22. ASME Class: 3 System: AFW GORR No.: 96-029
Line: N/A Category: Corrective Action Activity
Construction Code: ASME VIII, B31.1 '55
Work Performed By: 1
Name of Component: EAF02A, EAF02B Tube Ass'y Replacement
Work Description/Remarks: A Replacement activity was initiated for the Shell and Tube Assembly associated with EAF02A & EAF02B Aux. Feedwater Lube Oil Coolers. This activity was controlled by WO # 19503511 and EWR ME-JEB-A. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

23. ASME Class: 2 System: MS GORR No.: 96-030
Line: 30B-MS-600-1B Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86
Work Performed By: 1
Name of Component: Valve 3516 Bolting Replacement & Flange Modification.
Work Description/Remarks: A bolting Replacement activity was initiated on Valve 3516. Also, the valve body flange area was machined. This activity was controlled by WO # 19502008. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
24. ASME Class: 3 System: CCW GORR No.: 96-031
Line: 6D-AC6-152 Category: Corrective Action Activity
Construction Code: B31.1 '55, G-676262, SP-5291, B16.5
Work Performed By: 2
Name of Component: Valve 815A Replacement & Spacer Modification.
Work Description/Remarks: A bolted Replacement activity was initiated on Valve 815A as well as the installation of a new spacer. This activity was controlled by WO # 19400501 and TSR 96-563. A Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
25. ASME Class: 2 System: MS GORR No.: 96-032
Line: 30A-MS-600-1A Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, B16.5 '67
Work Performed By: 2
Name of Component: Valve 3517 Bolt Modification.
Work Description/Remarks: A Modification activity was initiated on Valve 3517 to replace an existing 1 3/4" Bonnet stud with a new step stud. This activity was controlled by WO # 19502007 and PCR 96-043. A Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

26. ASME Class: 2 System: Standby. Aux. FW GORR No.: 96-033
Line: 3C-FW-902S-1A Category: Corrective Action Activity
3C-FW-902S-1B
Construction Code: ASME III NF '74/'86, SP-5291/ME-318
Work Performed By: 1
Name of Component: AFU-229 & AFU-208 Snubber Replacements
Work Description/Remarks: Snubber Replacement activities were initiated for support AFU-229 and AFU-208. These activities were controlled by WO #'s 19503968, 19503966 and Action Reports 96-0302, 96-0307. Upon reinstallation, a VT-3 Preservice (Baseline) examinations were performed and acceptable.
27. ASME Class: 1 System: S/G GORR No.: 96-034
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III NF '86, SP-5291/ME-318, SP-5378
Work Performed By: 3
Name of Component: SGB-4 Snubber Replacements
Work Description/Remarks: A Snubber Replacement activity was initiated for support SGB-4 on S/G "B" Ring Support Assembly. This activity was controlled by WO # 19505112 and SM-10034.4.17. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.
28. ASME Class: 1 System: RCS GORR No.: 96-035
Line: 6AP-RC-602 Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ME-121
Work Performed By: 1
Name of Component: N616 Snubber Replacements
Work Description/Remarks: A Snubber Replacement activity was initiated for support N616. This activity was controlled by WO # 19503972, Action Report 96-0621 and EWR 10204. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

29. ASME Class: 3 System: Aux. FW GORR No.: 96-037
Line: 3A-FW7-900-1A Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86/'92,
B16.34 '88.
Work Performed By: 2
Name of Component: Valve 4007 Replacement
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated
for Valve 4007. This activity was controlled by WO # 19601451.
Construction Code VT, PT and RT examinations were performed
and acceptable. Root Pass PT was also performed and
acceptable. Upon completion of this replacement activity, an
ASME Section XI Leakage Test and associated VT-2 examination
was performed and acceptable in accordance with RG&E Relief
Request #31.
30. ASME Class: 3 System: Aux. FW GORR No.: 96-038
Line: 3A-FW7-900-1B Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86/'92,
B16.34 '88
Work Performed By: 2
Name of Component: Valve 4008 Replacement
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated
for Valve 4008. This activity was controlled by WO # 19601452.
Construction Code VT, PT and RT examinations were performed
and acceptable. Root Pass PT was also performed and
acceptable. Upon completion of this replacement activity, an
ASME Section XI Leakage Test and associated VT-2 examination
was performed and acceptable in accordance with RG&E Relief
Request #31.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

31. ASME Class: 2 System: Instrument Air GORR No.: 96-039
Line: 2-1A-125-8 Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291
Work Performed By: 1
Name of Component: Valve 5393, Spring & Seat Replacement
Work Description/Remarks: A Replacement activity was initiated for the spring & seat associated with Valve 5393. This activity was controlled by WO # 19601403. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
32. ASME Class: 3 System: CCW GORR No.: 96-040
Line: 2B-AC5-152 Category: Corrective Action Activity
Construction Code: B31.1 '55, G-676262, SP-5291,
ASME III '86/'92
Work Performed By: 1
Name of Component: New 2" Unions - Modification
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Modification activity was initiated to install new 2" Unions in CCW piping to & from the RHR Pumps. This activity was controlled by WO #'s 19504169, 19601679 and PCR 96-053. Construction Code VT and PT examinations were performed and acceptable. Upon completion of this activity, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

33. ASME Class: 2 System: Blowdown GORR No.: 96-042
Line: 2A-MS-600-1A Category: Corrective Action Activity
2B-MS-600-1A
2A-MS-600-1B
2B-MS-600-1B
Construction Code: B31.1 '55, SP-5291, ASME III '86/'92
Work Performed By: 1
Name of Component: 2" Blowdown Piping for S/G "A" & "B"
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Modification activity was initiated to replace existing 2" carbon steel piping with Crome Moly piping from both Steam Generators up to and including the downstream Tee connection. This activity was controlled by WO # 19504580 and TSR 94-116. Construction Code RT, PT and VT examinations were performed and acceptable. Upon completion of this activity, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 and PT-7 (01.1) procedures.
34. ASME Class: 2/3 System: MS GORR No.: 96-043
Line: 30B-MS-600-1B Category: Corrective Action Activity
30A-MS-600-1A
30B-MS-600-1
30A-MS-600-1
Construction Code: B31.1 '55, SP-5291, B16.6 '67
Work Performed By: 2
Name of Component: Valves 3516, 3517, 3518, 3519 Modification
Work Description/Remarks: A Modification activity was initiated to machine the body flange area of valves 3516, 3517, 3518 and 3519 to achieve proper gasket groove depth. Also; on valve 3517, the retaining bar was rewelded. Construction Code VT examination was performed and acceptable. These activities were controlled by WO #'s 19501739, 19501765, 19502007 and 19502008; Action Reports 96-0417, 96-0590 and PCR 96-059. Upon completion of these activities, ASME Section XI Leakage Tests and associated VT-2 examinations were performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

35. ASME Class: 2 System: CVCS-Charging GORR No.: 96-044
Line: 8A-CH-2502 Category: Code Rejectable Indication
Construction Code: B31.1 '55, G-676262, ASME III '86
Work Performed By: 1A
Name of Component: 8" CVCS Weld #1 Repair
Work Description/Remarks: During an Owner Elected PT examination on weld 8A-CH-2502 #1, a 3/4" linear indication was identified. A Code Repair by metal removal was initiated. This activity was controlled by WO #'s 19601798, 19502368, Action Report 96-0412 and PCR 96-061. Upon completion of the Repair Cycle by metal removal, a PT examination was reperformed and acceptable. UT thickness readings were also performed and acceptable.
36. ASME Class: 1 System: RCS GORR No.: 96-045
Line: 4A-RC8-2501-A Category: Corrective Action Activity
4A-RC8-2501B
Construction Code: B31.1 '55, G-676262
Work Performed By: 1
Name of Component: Valves 434, 435 Replacements
Work Description/Remarks: A Replacement activity was initiated on Valves 434 and 435 by mechanical means. This activity was controlled by WO #'s 19501724 and 19501725. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with procedure PT-7(01.1).
37. ASME Class: 3 System: MS GORR No.: 96-046
Line: 30A-MS-600-1 Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291
Work Performed By: 1
Name of Component: Valve 3519, Items Replacement
Work Description/Remarks: A Replacement activity was initiated on Valve 3519 for the Shaft, Bushings, Keys and Studs. This activity was controlled by WO # 19501765. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

38. ASME Class: 2 System: MS GORR No.: 96-047
Line: 1.5A-MS-600-1B Category: Corrective Action Activity
Construction Code: B31.1 '55, SP-5291, ASME III '86/'92
Work Performed By: 1
Name of Component: Valve 3504C & Piping Replacement
Relief Request: RR #31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for 1 1/2" piping and Valve 3504C. This activity was controlled by WO # 19600032 and PCR 96-018. Construction Code VT and PT examinations were performed and acceptable. Upon completion of this replacement activity, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31.
39. ASME Class: 2 System: FW GORR No.: 96-048
Line: 14A-FW-900-1A Category: Corrective Action Activity
Construction Code: ASME III NF '74, SP-5291, ME-318
Work Performed By: 1
Name of Component: FWU-3 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support FWU-3. This activity was controlled by WO # 19601790 and Action Report 96-0466. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.
40. ASME Class: 2 System: MS GORR No.: 96-049
Line: 6D-MS-600-1B Category: Corrective Action Activity
Construction Code: B31.1 / ASME III '77/'78
Work Performed By: 2
Name of Component: Valve 3410, Items Replacement
Work Description/Remarks: A Replacement activity was initiated on Valve 3410 for the Pilot Plug and Stem. This activity was controlled by WO # 19504890. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

41. ASME Class: 3 System: CCW GORR No.: 96-050
Line: 2D-AC5-152 Category: Corrective Action Activity
Construction Code: B31.1 '55, G-676262, ASME III '86
Work Performed By: 1
Name of Component: FE-651 Bolting Replacement
Work Description/Remarks: A Bolting Replacement activity was initiated on FE-651. This activity was controlled by WO # 19500555 and Action Report 96-0626. Upon reinstallation, an ASME Section XI Leakage Test and associated VT-2 examination was performed and acceptable.
42. ASME Class: 2 System: FW GORR No.: 96-051
Line: 14B-FW-900-1B Category: Corrective Action Activity
Construction Code: ASME III NF '74, SP-5291, ME-318
Work Performed By: 1
Name of Component: FWU-48 Snubber Replacement
Work Description/Remarks: A Snubber Replacement activity was initiated for support FWU-48. This activity was controlled by WO # 19601937 and Action Report 96-0646. Upon reinstallation, a VT-3 Preservice (Baseline) examination was performed and acceptable.
43. ASME Class: 1 System: Steam Generators GORR No.: 96-053
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III 1986
Work Performed By: 5 (Installation = 3) Code Stamped: Yes
Name of Component: S/G "A & B", EMS01A, EMS01B
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B". This activity was controlled by EWR 10034. Applicable Construction Code PT, MT, RT and UT examinations were performed and acceptable. Construction Code Hydrostatic Test was performed and acceptable. Applicable ASME Section XI Preservice (Baseline) examinations were performed and acceptable as documented within the 1996 NIS-1 "Attachment 1" section. These examinations included Surface, Volumetric and Eddy Current. Upon installation, ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1)

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

44. ASME Class: 1 System: Steam Generators GORR No.: 96-054
Line: N/A Category: Corrective Action Activity
Construction Code: AWS D1.1, ASME III NF '74, SP-5378
Work Performed By: 3
Name of Component: S/G "A & B", Lower Supports
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Lower Supports for the Steam Generator Replacement Project. This activity was controlled by WO #'s 19600798, 19600802, EWR 10034 and SM's 10034-4.23, 10034-4.15 . Construction Code MT examinations were performed and acceptable. ASME Section XI Preservice (Baseline) VT-3 examinations were performed and acceptable.
45. ASME Class: 1 System: Steam Generators GORR No.: 96-055
Line: N/A Category: Corrective Action Activity
Construction Code: AWS D1.1, ASME III NF '74, SP-5378
Work Performed By: 3
Name of Component: S/G "A & B", Intermediate Supports
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Intermediate Supports for the Steam Generator Replacement Project. This activity was controlled by WO #'s 19600798, 19600802, EWR 10034 and SM's 10034-4.23, 10034-4.15 . Construction Code VT examinations were performed and acceptable. ASME Section XI Preservice (Baseline) VT-3 examinations were performed and acceptable.
46. ASME Class: 1 System: Steam Generators GORR No.: 96-056
Line: N/A Category: Corrective Action Activity
Construction Code: AWS D1.1, ASME III NF '74, SP-5378
Work Performed By: 3
Name of Component: S/G "A & B", Upper Restraint Rings
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Upper Restraint Rings for the Steam Generator Replacement Project. This activity was controlled by WO #'s 19600574, 19600575, EWR 10034 and SM's 10034-4.22, 10034-4.21 . Construction Code MT examinations were performed and acceptable. ASME Section XI Preservice (Baseline) VT-3 examinations were performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

47. ASME Class: 1 System: RCS GORR No.: 96-057
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86/'92, B31.1 '55, G-676343,
G-676496
Work Performed By: 3
Name of Component: S/G "A & B" RCS Attachment Welds
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" RCS reattachment welds. This activity was controlled by WO #'s 19600794, 19600799, EWR 10034 and SM's 10034-7.12, 10034-7.13. Construction Code PT and RT examinations were performed and acceptable. ASME Section XI Preservice (Baseline) PT, RT/UT examinations were performed and acceptable as documented within the 1996 NIS-1 "Attachment 1" section. ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1).
48. ASME Class: 1 System: RCS GORR No.: 96-058
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '55, G-676343,
G-676496
Work Performed By: 3
Name of Component: S/G "A & B", RCS Hot & Cold Leg Repairs
Work Description/Remarks: A Repair activity by metal removal was initiated for Steam Generators "A" and "B" RCS Hot and Cold Legs on identified piping locations to remove original construction defects, arc strikes, and gouges. This activity was controlled by WO #'s 19601418, 19601419, and Action Report 96-0272. Upon completion of the Repair Cycle, PT examinations as well as UT thickness readings were performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

49. ASME Class: 2 System: FW GORR No.: 96-059
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '55, SP-5291
Work Performed By: 3
Name of Component: S/G "A & B"; FW Loops "A & B" Repairs
Work Description/Remarks: A Repair activity by metal removal was initiated for Steam Generators "A" and "B" Feedwater Loops "A & B" on identified piping locations to remove original construction defects, arc strikes, and gouges. This activity was controlled by WO #'s 19601422, 19601423, and Action Report 96-0269. Upon completion of the Repair Cycle, MT examinations as well as UT thickness readings were performed and acceptable.
50. ASME Class: 2 System: FW GORR No.: 96-060
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86/'92, B31.1 '55, SP-5291, ME-318
Work Performed By: 3
Name of Component: S/G "A & B" FW Attachment Welds
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Feedwater reattachment welds. This activity was controlled by WO #'s 19600849, 19600848, EWR 10034 and SM's 10034-7.06, 10034-7.07. Construction Code PT/MT and RT examinations were performed and acceptable. ASME Section XI Preservice (Baseline) PT/MT, RT/UT examinations were performed and acceptable as documented within the 1996 NIS-1 "Attachment 1" section. ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1).

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

51. ASME Class: 2 System: MS GORR No.: 96-061
Line: 30A-MS-600-1A Category: Corrective Action Activity
30B-MS-600-1B
Construction Code: ASME III NF 1974
Work Performed By: 3
Name of Component: MS Support Reinstallations
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Mainsteam Spring Can Support reinstallation. The reinstallation covers supports MSU-1, MSU-4, MSU-6 and MSU-9. This activity was controlled by WO #'s 19600800, 19600801, EWR 10034, and SM's 10034-7.10, 10034-7.11. Upon reinstallation, an ASME Section XI Preservice (Baseline) VT examinations were performed and acceptable.
52. ASME Class: 2 System: MS GORR No.: 96-062
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86; B31.1 '55, SP-5291
Work Performed By: 3
Name of Component: S/G "A & B"; MS Loops "A & B" Repairs
Work Description/Remarks: A Repair activity by metal removal was initiated for Steam Generators "A" and "B" Mainsteam Loops "A & B" on identified piping locations to remove original construction defects, arc strikes, and gouges. This activity was controlled by WO #'s 19601420, 19601421, and Action Report 96-0270. Upon completion of the Repair Cycle, MT examinations as well as UT thickness readings were performed and acceptable.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

1. Owner: Rochester Gas & Electric Corp. 89 E. 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

53. ASME Class: 2 System: MS GORR No.: 96-063
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86/'92, B31.1 '55, SP-5291,
ME-318
Work Performed By: 3
Name of Component: S/G "A & B" MS Attachment Welds
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Mainsteam reattachment welds. This activity was controlled by WO #'s 19600800, 19600801, EWR 10034 and SM's 10034-7.10, 10034-7.11 . Construction Code PT/MT and RT examinations were performed and acceptable. ASME Section XI Preservice (Baseline) MT, RT/UT examinations were performed and acceptable as documented within the 1996 NIS-1 "Attachment 1" section. ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1).
54. ASME Class: 2 System: Blowdown GORR No.: 96-064
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86/'92, B31.1 '55, SP-5291,
ME-318
Work Performed By: 3
Name of Component: S/G "A & B" Blowdown Attachment Welds
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Blowdown reattachment welds. This activity was controlled by WO #'s 19600355, 19600356, EWR 10034 and SM's 10034-6.01, 10034-6.02 . Construction Code MT and RT examinations were performed and acceptable. ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1).

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

55. ASME Class: 2 System: FW GORR No.: 96-065
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86/'92, B31.1 '55, SP-5291
Work Performed By: 3
Name of Component: S/G "A & B" Level & Instrumentation Lines,
Condensate Pots.
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Level & Instrumentation Lines and Condensate Pots. Condensate Pots replaced include SFW01, SFW02, SFW03, SFW04, SFW05, SFW06, SFW07, and SFW08. This activity was controlled by WO #'s 19600728, 19600727, EWR 10034 and SM's 10034-7.08, 10034-7.09. Applicable Construction Code MT and RT examinations were performed and acceptable. ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1).
56. ASME Class: 2 System: MS GORR No.: 96-066
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86/'92, B31.1 '55, SP-5291
Work Performed By: 3
Name of Component: S/G "A & B" Condensate Pots to Flow Transmitters
Relief Request: # 31 (Code Case N-416-1)
Work Description/Remarks: A Replacement activity was initiated for Steam Generators "A" and "B" Condensate Pots to Flow Transmitters. Flow Transmitters replaced included SMS03A, SMS04A, SMS05A, SMS06A, SMS03B, SMS04B, SMS05B, and SMS06B. This activity was controlled by WO #'s 19600728, 19600727, EWR 10034 and SM's 10034-7.08, 10034-7.09. Applicable Construction Code MT and RT examinations were performed and acceptable. ASME Section XI Leakage Test and accompanying VT-2 examination was performed and acceptable in accordance with RG&E Relief Request #31 per procedure PT-7 (01.1).

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990 - 1999 Interval, Second Period, Fourth Outage (1996)

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

57. ASME Class: 2 System: CS GORR No.: 96-067
Line: N/A Category: Corrective Action Activity
Construction Code: B31.1 '55, G-676262, ASME III '86, ME-318
Work Performed By: 3
Name of Component: Containment Spray Attachment Welds & Supports.
Work Description/Remarks: A Replacement activity was initiated to reinstall Containment Spray piping welds and Supports that were removed for the Steam Generator Replacement Project. This activity was controlled by WO # 19600898, EWR 10034, SM 10034-4.01 and Action Report 96-0241. Construction Code PT examinations were performed on the Root/Final welds and were acceptable. Construction Code VT examinations were performed and acceptable on associated component supports. The supports examined included CSU-98, CSU-99, CSU-100, CSU-105, CSU-106, CSU-107, CSU-108, CSU-109, CSU-110, CSU-111, CSU-112, CSU-117, CSU-118, CSU-119 and CSU-120. An ASME Section XI Flow Test and accompanying VT-2 examination was performed and acceptable.
58. ASME Class: 2 System: FW GORR No.: 96-068
Line: N/A Category: Corrective Action Activity
Construction Code: ASME III '86
Work Performed By: 3
Name of Component: FW "B" Loop, Punch Mark Repairs to Welds/Piping.
Work Description/Remarks: A Repair activity was initiated to remove Punch Marks on weld/base metal associated with Welds AA5 and AA4R. This activity was controlled by WO # 19600848, SM 10034-7.07, Bechtel NCR 069 and Bechtel WP&IR/MTI No. P-FWB-01. Punch Marks on existing welds were removed by metal removal. Punch Marks on piping were removed by metal removal and rewelded. Upon completion of the Repair Cycle, Surface MT examinations were performed and acceptable on both welded and metal removal repairs. Repairs by metal removal were controlled to ensure that minimum wall thickness was maintained.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

EROSION/CORROSION (MINWALL) PROGRAM SUMMARY

This section provides Erosion/Corrosion examination details and information corresponding to items inspected during the 1996 Outage.

A total of 98 items were examined. The breakdown of this total is as follows:

<u>Component Type</u>	<u>Total Number</u>
Pipes	45
Elbows	39
Reducers	12
Tees	<u>2</u>
Total	98

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

Systems of Examined Components:

Component thickness measurements were performed on the following systems.

DWG.

NO.

SYSTEMS

M-12A	MSR 1A & 1B 2ND PASS TO 5A HEATER AND CONDENSER
M-12B	MSR 2A & 2B 2ND PASS TO 5B HEATER AND CONDENSER
M-15B	MSR 1B 4TH PASS TO 5A HEATER
M-19	1A, 2A, & 3A L.P. HEATER DRAINS TO CONDENSER
M-21	STEAM EXT. TO PRESEP. TANK B & 4B L.P. HEATER
M-22	STEAM EXT. TO PRESEP. TANK A & 4A L.P. HEATER
M-75	STEAM EXTRACTION TO 5A & 5B HEATERS
M-81	FEEDWATER DISCHARGE (TURBINE BUILDING)
M-84	FEEDWATER TO S/G 1A (CONTAINMENT)
M-85	FEEDWATER TO S/G 1B (CONTAINMENT)
M-88D	S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)
M-91	FEEDWATER CLEANUP (CV-19)
M-91	FEEDWATER CLEANUP (CV-19)
M-92	MAIN FEEDWATER PUMP RECIRCULATION
M-99	GLAND STEAM CONDENSER TO TURB. GEN. & GOV.
M-100	MAIN GLAND STEAM TO TURB. GEN. & GOV. ENDS
M-103	F.W. HTR. DRAIN SYS. FROM H.D PUMPS TO H.T. TANK

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

System Component Result Summaries:

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

<u>DWG.</u> <u>NO.</u>	<u>SYSTEM</u>
M-12A	MSR 1A&1B 2ND PASS TO 5A HEATER AND CONDENSER Components Examined: Results (% of Nominal): 4 Pipes 7 >88 2 Elbows 1 88-82 3 Reducers 1 70-65
M-12B	MSR 2A & 2B 2ND PASS TO 5B HEATER AND CONDENSER Components Examined: Results (% of Nominal): 1 Elbow 1 70-65
M-15B	MSR 1B 4TH PASS TO 5A HEATER Components Examined: Results (% of Nominal): 3 Pipes 3 >88 2 Elbows 2 88-82
M-19	1A, 2A, & 3A L.P. HEATER DRAINS TO CONDENSER Components Examined: Results (% of Nominal): 4 Pipes 9 >88 4 Elbows 1 Reducer
M-21	STEAM EXT. TO PRESEP. TANK B & 4B L.P. HEATER Components Examined: Results (% of Nominal): 3 Pipes 3 >88
M-22	STEAM EXT. TO PRESEP. TANK A & 4A L.P. HEATER Components Examined: Results (% of Nominal): 4 Pipes 1 >88 3 <65

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

DWG.
NO.

SYSTEM

M-75

STEAM EXTRACTION TO 5A & 5B HEATERS

Components Examined:	Results (% of Nominal):
4 Pipes	5 >88
2 Elbows	2 76-70
1 Tee	

M-81

FEEDWATER DISCHARGE (TURBINE BUILDING)

Components Examined:	Results (% of Nominal):
1 Pipe	1 >88
1 Reducer	1 82-76
1 Tee	1 >88

M-84

FEEDWATER TO S/G 1A (CONTAINMENT)

Components Examined:	Results (% of Nominal):
1 Pipe	3 Acceptable
3 Elbows	2 >88
1 Reducer	

M-85

FEEDWATER TO S/G 1B (CONTAINMENT)

Components Examined:	Results (% of Nominal):
1 Pipe	4 Acceptable
3 Elbows	1 >88
1 Reducer	

M-88D

S/G BLOWDOWN TO FLASH TANK (TURBINE BUILDING)

Components Examined:	Results (% of Nominal):
3 Pipes	3 >88
2 Elbows	1 88-82
1 Reducer	2 <65

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

<u>DWG. NO.</u>	<u>SYSTEM</u>
M-91	FEEDWATER CLEANUP (CV-19)
	Components Examined: Results (% of Nominal):
	1 Reducer 1 >88
M-92	MAIN FEEDWATER PUMP RECIRCULATION
	Components Examined: Results (% of Nominal):
	6 Pipes 9 >88
	3 Elbows 1 88-82
	2 Reducers 1 76-70
M-99	GLAND STEAM CONDENSER TO TURB. GEN. & GOV.
	Components Examined: Results (% of Nominal):
	4 Pipes 7 >88
	8 Elbows 3 88-82
	1 76-70
	1 <65
M-100	MAIN GLAND STEAM TO TURB. GEN. & GOV. ENDS
	Components Examined: Results (% of Nominal):
	4 Pipes 3 70-65
	8 Elbows 9 <65
M-103	F.W. HTR. DRAIN SYS. FROM H.D PUMPS TO H.T. TANK
	Components Examined: Results (% of nominal):
	3 Pipes 5 >88
	1 Elbow
	1 Reducer

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details:

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

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

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
222070	7	R	0.300	0.432	0.134,0.192	0.214,0.352	76-70	UT .
222075	7A	P	0.432		0.192	0.415	>88	UT
222080	8	E	0.432		0.194	0.403	>88	UT
222090	9	P	0.432		0.193	0.413	>88	UT
222290	27	E	0.432		0.268	0.423	>88	UT
222310	29	R	0.432	0.437	0.274,0.203	0.482,0.440	>88	UT
222330	31	R	0.337	0.594	0.154,0.284	0.400,0.567	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

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
222890	87	E	0.432		0.198	0.290	70-65	UT
223090	106	P	0.432		0.207	0.271	76-70	UT

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

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
227220	74	P	0.300		0.168	0.291	>88	UT
227230	75	E	0.300		0.169	0.283	>88	UT
227240	76	P	0.300		0.168	0.260	88-82	UT
227320	84	E	0.300		0.171	0.270	>88	UT
227330	85	P	0.300		0.168	0.260	88-82	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-19 1A, 2A, & 3A L.P. HEATER DRAINS TO CONDENSER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
234010	01	R	0.594	0.500	0.207,0.174	0.567,0.522	>88	UT
234030	03	E	0.500		0.176	0.495	>88	UT
234040	04	P	0.500		0.173	0.484	>88	UT
234070	07	E	0.500		0.174	0.604	>88	UT
234075	07A	E	0.500		0.173	0.505	>88	UT
234080	08	E	0.500		0.174	0.517	>88	UT
234090	09	P	0.500		0.173	0.484	>88	UT
234280	28	P	0.500		0.175	0.463	>88	UT
234290	29	E	0.500		0.177	0.460	>88	UT

M-21 STEAM EXT. TO PRESEP. TANK B & 4B L.P. HEATER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
301382	36B	P	0.375		0.184	0.347	>88	UT
301383	36C	P	0.375		0.184	0.363	>88	UT
301384	36D	P	0.375		0.184	0.365	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-22 STEAM EXT. TO PRESEP. TANK A & 4A L.P. HEATER

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
302121	37AA	P	0.375		0.184	0.221	<65	UT
302122	37AB	P	0.375		0.184	0.210	<65	UT
302123	37AC	P	0.375		0.184	0.229	<65	UT
302124	37AD	P	0.375		0.184	0.253	70-65	UT

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

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
303080	08	P	0.375		0.225	0.336	>88	UT
303090	09	T	0.375		0.230	0.392	>88	UT
303100	10	P	0.375		0.225	0.265	76-70	UT
303110	11	E	0.375		0.234	0.359	>88	UT
303120	12	P	0.375		0.232	0.263	76-70	UT
303140	14	E	0.375		0.225	0.363	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

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
390060	06	R	0.844	0.938	0.627,0.631	0.660,0.755	>88	UT
390065	6A	P	0.938		0.697	0.877	>88	UT
390010	01	T	1.281		0.697	1.48	>88	UT

M-84 FEEDWATER TO S/G 1A (CONTAINMENT)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
393110	11	E	0.938		0.705	N/A	Acceptable	VT
393120	12	P	0.938		0.606	0.849	>88	UT
393130	13	E	0.938		0.703	N/A	Acceptable	VT
393150	15	R	0.938	1.156	0.929,1.146	N/A	Acceptable	VT
393160	16	E	1.156		0.773	1.026	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-85 FEEDWATER TO S/G 1B (CONTAINMENT)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
393630	13	E	0.938		0.700	N/A	Acceptable	VT
393640	14	P	0.938		0.606	N/A	Acceptable	VT
393650	15	E	0.938		0.706	N/A	Acceptable	VT
393670	17	E	0.938	1.156	0.704,0.903	N/A	Acceptable	VT
393680	18	P	0.938		0.893	1.025	>88	UT

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
385770	77	P	0.337		0.143	0.308	>88	UT
385775	77A	R	0.337	0.500	0.143,0.224	0.279,0.467	88-82	UT
385777	77B	P	0.500		0.224	0.476	>88	UT
385780	78	E	0.500		0.224	0.238	<65	UT
385790	79	P	0.500		0.224	0.229	<65	UT
385820	82	E	0.500		0.224	0.461	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-91 FEEDWATER CLEANUP (CV-19)

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
300860	40	R	0.432	0.337	0.337,0.236	0.408,0.316	>88	UT

M-92 MAIN FEEDWATER PUMP RECIRCULATION

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
281040	04	E	0.594		0.448	0.523	>88	UT
281050	05	P	0.594		0.375	0.553	>88	UT
281060	06	E	0.594	0.337	0.466,0.267	0.612,0.612	>88	UT
281070	07	P	0.337		0.218	0.343	>88	UT
281110	11	P	0.337		0.145	0.286	88-82	UT
281130	13	R	0.337	0.322	0.113,0.169	0.499,0.338	>88	UT
281200	20B	E	0.594	0.337	0.466,0.267	0.420,0.420	<65	UT
281210	21	P	0.337		0.218	0.307	>88	UT
281250	25	P	0.337		0.112	0.307	>88	UT
281270	27	R	0.337	0.322	0.113,0.169	0.535,0.372	>88	UT
281280	28	P	0.322		0.168	0.319	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-99 GLAND STEAM CONDENSER TO TURB. GEN. & GOV.

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
374426	43B	E	0.258		0.181	0.103	<65	UT
374427	43A	P	0.258		0.181	0.213	88-82	UT
374440	44	E	0.258		0.181	0.241	>88	RT
374486	49B	E	0.258		0.181	0.230	>88	UT
374487	49A	P	0.258		0.181	0.221	88-82	UT
374500	50	E	0.258		0.181	0.236	>88	RT
374566	57B	E	0.258		0.181	0.208	76-70	UT
374567	57A	P	0.258		0.181	0.229	>88	UT
374580	58	E	0.258		0.181	0.267	>88	RT
374626	63B	E	0.258		0.181	0.185	76-70	UT
374627	63A	P	0.258		0.181	0.253	>88	UT
374640	64	E	0.258		0.181	0.244	88-82	RT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-100 MAIN GLAND STEAM TO TURB. GEN. & GOV. ENDS

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
375222	22B	E	0.258		0.181	0.096	<65	UT
375223	22C	P	0.258		0.181	0.175	70-65	UT
375224	22D	E	0.258		0.181	0.129	<65	UT
375322	32B	E	0.258		0.181	0.174	70-65	UT
375323	32C	P	0.258		0.181	0.178	76-70	UT
375324	32D	E	0.258		0.181	0.155	<65	UT
375412	41B	E	0.258		0.181	0.067	<65	UT
375413	41C	P	0.258		0.181	0.145	70-65	UT
375414	41D	E	0.258		0.181	0.092	<65	UT
375502	50B	E	0.258		0.181	0.064	<65	UT
375503	50C	P	0.258		0.181	0.143	<65	UT
375504	50D	E	0.258		0.181	0.122	<65	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Component Result Details(CONTINUED)

M-103 F.W. HTR. DRAIN SYS. FROM H.D PUMPS TO H.T. TANK

Summary Number	Comp. ID	Comp. Type	Nominal Wall 1	Nominal Wall 2	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
325010	01	P	0.216		0.072	0.204	>88	UT
325020	02	E	0.216		0.072	0.201	>88	UT
325030	03	P	0.216		0.072	0.202	>88	UT
325310	31	R	0.300	0.432	0.210,0.302	0.311,0.401	>88	UT
325305	30A	P	0.300		0.210	0.294	>88	UT

Additional Inspections:

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>
C-381-025 Sh1	SW Suction Line Loop A to Aux. Feedwater
C-381-094 Sh1	AHU-1B Cooling Coils From 4" SW to 20" Return
C-381-358 Sh1	SW From CCHX to Anchor at Wall Col. Q
C-381-024 Sh3	SW Suction Line Loop B AFW Pump Aux. Bldg & SBAFP Bldg.
C-381-358 Sh3	SW Return From CCWHX to Wall Col. Q
C-381-025 Sh4	SW Suction Loop A to AFW Pump Aux Bldg. & SBAFP Bldg.
C-381-358 Sh4	SW From Supply Header to Distribution Manifold
C-381-358 Sh5	SW Return From SFPHX
C-381-358 Sh9	SW IB Above El. 253'6" From Pen. 308, 315, & 323 to Col. 7
C-381-358 Sh13	SW IB Above El. 253'6" From 16" Header to Pen. 312, 316, & 320
C-381-358 Sh14	SW IB Above El. 253'6" 16" & 20" Header
C-381-358 Sh16	SW IB From 14" Header to Pen. 201 & 209
C-381-358 Sh17	SW From 20" Header to MDAFW Pumps 1A & 1B
C-381-358 Sh22	SW Form Cont. Recirc. Unit 1-C to Pen. 315
C-381-358 Sh27	SW to Cont. Recirc Cooling Unit 1C & 1D Motors
C-381-358 Sh34	"A" & "B" SW pumps in Screenhouse

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Additional Inspections: (Continued)

<u>Dwg #</u>	<u>Related System</u>
C-381-358 Sh35	"C" & "D" SW Pumps in Screenhouse
C-381-358 Sh37	SW D/G Bldg. "Room A"
C-381-358 Sh38	SW D/G Bldg. "Room A & B"
C-381-358 Sh39	SW D/G Bldg. "Room B"
D-304-695	Service Water (Auxiliary Building)
D-304-696	Service Water (Auxiliary Building)
33013-2027	Service Water Supply & Return to SFPHX #2

Service Water Result Details

The following list provides examination result details on service water components by drawing number and system description. The component ID was provided by engineering support. The "Component Type" classification specified in the list below corresponds to the following:

P=Pipe

E=Elbow

R=Reducer/Expander

C-381-025 Sh1 SW Suction Line Loop A to Aux. Feedwater

<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Method</u>
SW251-01	P	0.237	0.095	0.232	>88	RT

C-381-094 Sh1 AHU-1B Cooling Coils From 4" SW to 20" Return

<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Method</u>
SW941-01	P	0.145	0.064	0.151	>88	RT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Service Water Result Details(CONTINUED)

C-381-358 Sh1 SW From CCHX to Anchor at Wall Col. Q

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW01-01	P	0.375	0.150	0.316	84	UT

C-381-024 Sh3 SW Suction Line Loop B AFW Pump Aux. Bldg & SBAFP Bldg.

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW 243-01	P	0.237	0.095	0.231	>88	UT

C-381-358 Sh3 SW Return From CCWHX to Wall Col. Q

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW03-01	P	0.375	0.150	0.353	>88	UT
SW03-02	P	0.375	0.150	0.328	87	UT

C-381-025 Sh4 SW Suction Loop A to AFW Pump Aux Bldg. & SBAFP Bldg.

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW254-01	P	0.237	0.116	0.191	81	RT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Service Water Result Details(CONTINUED)

C-381-358 Sh4 SW From Supply Header to Distribution Manifold

<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Method</u>
SW04-01	P	0.216	0.086	0.149	70	RT
SW04-02	P	0.216	0.086	0.204	>88	RT

C-381-358 Sh5 SW Return From SFPHX

<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Method</u>
SW05-01	P	0.280	0.242	0.202	72	RT

C-381-358 Sh9 SW IB Above El. 253'6" From Pen. 308, 315, & 323 to Col. 7

<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Method</u>
SW09-01	P	0.322	0.129	0.302	>88	UT
SW09-02	P	0.133	0.053	0.085	75	RT
SW09-03	E	0.375	0.150	0.392	>88	UT

C-381-358 Sh13 SW IB Above El. 253'6" From 16" Header to Pen. 312, 316, & 320

<u>Comp. ID</u>	<u>Comp. Type</u>	<u>Nominal Wall</u>	<u>Minimum Allowable</u>	<u>Minimum Reading</u>	<u>Percent Nominal</u>	<u>NDE Method</u>
SW13-01	P	0.375	0.150	0.347	>88	UT
SW13-02	P	0.280	0.112	0.270	>88	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Service Water Result Details(CONTINUED)

C-381-358 Sh14 SW IB Above El. 253'6" 16" & 20" Header

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW14-01	E	0.237	0.096	0.190	80	RT

C-381-358 Sh16 SW IB From 14" Header to Pen. 201 & 209

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW16-01	P	0.203	0.143	0.130	<65	RT

C-381-358 Sh17 SW From 20" Header to MDAFW Pumps 1A & 1B

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW17-01	E	0.237	0.130	0.206	87	RT
SW17-02	P	0.237	0.133	0.177	75	RT

C-381-358 Sh22 SW Form Cont. Recirc. Unit 1-C to Pen. 315

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW22-01	P	0.237	0.095	0.184	78	RT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report 1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Service Water Result Details(CONTINUED)

C-381-358 Sh27 SW to Cont. Recirc Cooling Unit 1C & 1D Motors

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW27-01	P	0.203	0.081	0.196	>88	UT

C-381-358 Sh34 "A" & "B" SW pumps in Screenhouse

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW34-01	P	0.322	0.159	0.348	>88	UT
SW34-02	P	0.375	0.185	0.358	>88	UT

C-381-358 Sh35 "C" & "D" SW Pumps in Screenhouse

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW35-01	P	0.237	0.117	0.383	>88	RT
SW35-02	P	0.375	0.185	0.287	76	UT
SW35-03	P	0.133	0.066	0.284	>88	UT

C-381-358 Sh37 SW D/G Bldg. "Room A"

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW37-01	P	0.237	0.095	0.148	<65	UT

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report
1990-1999 Interval, Second Period, Fourth Outage (1996)

ATTACHMENT III

Service Water Result Details(CONTINUED)

C-381-358 Sh38 SW D/G Bldg. "Room A & B

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW38-01	R	0.237	0.126	0.258	>88	RT

C-381-358 Sh39 SW D/G Bldg. "Room B"

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SW39-01	P	0.237	0.101	0.229	>88	RT

D-304-695 Service Water (Auxiliary Building)

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SWXX-01	P	0.113	0.079	0.080	71	RT

D-304-696 Service Water (Auxiliary Building)

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
WXX-02	P	0.065	0.046	0.026	40	RT

33013-2027 Service Water Supply & Return to SFPHX #2

Comp. ID	Comp. Type	Nominal Wall	Minimum Allowable	Minimum Reading	Percent Nominal	NDE Method
SWXX-03	P	0.365	0.146	0.338	>88	UT

