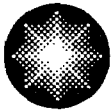


Maria Korsnick
Vice President

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maria.korsnick@constellation.com



Constellation Energy

R.E. Ginna Nuclear Power Plant

July 1, 2005

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: R.E. Ginna Nuclear Power Plant
Docket No. 50-244

Transmittal of Inservice Inspection Report for the Fourth Interval (2000-2009),
Second Period, Second Outage (2005) - ISI and First Interval (1997-2008),
Second Period, Third Outage (2005) - IWE/IWL

Enclosed is a copy of the Ginna Station Inservice Inspection Report for the refueling outage conducted in 2005. This report is submitted as specified by Ginna Station Nuclear Directive ND-IIT (Inservice Inspection and Testing) and ASME Code section XI.

There are no new commitments being made in this submittal. Should you have questions regarding the information in this submittal, please contact George Wrobel at (585) 771-3535 or george.wrobel@constellation.com.

Very truly yours,

Mary G. Korsnick

Attachments: (1) Inservice Inspection Report for the Fourth Interval (2000-2009), Second Period, Second Outage (2005) - ISI and First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

cc: S. J. Collins, NRC
P. D. Milano, NRC
Resident Inspector, NRC

1001346

A047

R.E. Ginna Nuclear Power Plant, LLC
R.E. Ginna Nuclear Power Plant
Nuclear Regulatory Commission
2005 Outage, Inservice Inspection Program Report

**R. E. Ginna Nuclear Power Plant, LLC
1503 Lake Road, Ontario, NY 14519**

NUCLEAR REGULATORY COMMISSION

INSERVICE INSPECTION REPORT

FOR THE

FOURTH INTERVAL (2000-2009), SECOND PERIOD, SECOND OUTAGE (2005) – ISI

AND

**FIRST INTERVAL (1997-2008), SECOND PERIOD, THIRD OUTAGE (2005) –
IWE/IWL**

AT

R. E. GINNA NUCLEAR POWER PLANT

Revision 0
June 29, 2005

R. E. GINNA NUCLEAR POWER PLANT

NUCLEAR REGULATORY COMMISSION

INSERVICE INSPECTION REPORT

**FOURTH INTERVAL (2000-2009), SECOND PERIOD, SECOND OUTAGE (2005) – ISI
AND
FIRST INTERVAL (1997-2008), SECOND PERIOD, THIRD OUTAGE (2005) –
IWE/IWL**

OWNERS DATA SHEET

Date: 29 June, 2005

Owner: R. E. Ginna Nuclear Power Plant, LLC
1503 Lake Road
Ontario, New York 14519

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

Commercial Operating Date: July 1, 1970

Applicable Code: ASME Section XI, 1995 Edition, 1996 Addenda (ISI)
ASME Section XI, 1992 Edition, 1992 Addenda (IWE/IWL)

**R. E. Ginna Nuclear Power Plant
Inservice Inspection Report
Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI
First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

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**R. E. Ginna Nuclear Power Plant
Inservice Inspection Report
Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI
First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

INTRODUCTION AND SYNOPSIS:

Inservice Inspection (ISI) activities for the 2005 Outage were performed on items within Class 1, 2, 3, MC, CC, High Energy Piping & Components, Seismic Supports and Snubbers. ISI examinations for the outage were concluded on April 11, 2005. Examination methods included Visual and General Visual (VT), Liquid Penetrant (PT), Magnetic Particle (MT), Ultrasonic (UT), Eddy Current (ET) and Radiography (RT). Functional Testing (FT) and System Pressure Tests were also performed as well as Erosion/Corrosion examinations during this time.

Personnel involved in Outage activities included Ginna Station NDE Group, IHI SouthWest Technologies Inc., Westinghouse, Anatec International, Quality Inspection Services Inc., Whiting Services Inc, Ginna Station Quality Control, Ginna Station Performance Monitoring and Calvert Cliffs Personnel. Additional Support Personnel utilized included individuals from the following departments: Ginna Station Insulators, Maintenance, Electricians, Pipe Fitters, Radiation Protection, Turbine Maintenance, and Ginna Station System Engineering.

ASME SECTION XI SUMMARY OF WORK ACCOMPLISHED:

Upon conclusion of the 2005 Outage, 51.3% of ISI examinations for the Fourth Interval ISI Program have been completed. Also, 61.5% of ISI examinations for the First Interval ISI Containment (IWE/IWL) Program have been completed.

CLASS 1 COMPONENTS:

A total of 72 components were examined. The examinations for these components consisted of 22 VT's, 47 PT's, 1 RT and 14 UT's. A total of 84 examinations were performed on Class 1 Components.

Two Class 1 components were examined, rejected and required grind repairs to be performed. These rejects were classified as original fabrication defects. One item was a Pressurizer Nozzle to Safe End Weld, ISI Summary Number I004350, weld SLNSE which experienced delayed hot cracking and was subsequently repaired by grinding. The other item was a 10" Residual Heat Removal Weld, ISI Summary Number I029100, weld ASW-1 which had 3 porosity indications and was repaired by grinding.

A detailed listing of all Class 1 ISI Component Examinations is documented within Attachment IA of the 2005 Outage 90 Day Report.

CLASS 2 COMPONENTS:

A total of 63 components were examined. The examinations for these components consisted of 36 VT's, 8 PT's, 4 MT's, 3 RT's, and 5 UT's. A total of 56 examinations were performed on Class 2 Components.

**R. E. Ginna Nuclear Power Plant
Inservice Inspection Report
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First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

Four Class 2 components were examined and rejected. The first item was on a 6" Mainsteam line, Pipe to Valve 3504 Weld, ISI Summary Number I 090300, weld L2-BC-1A. This weld had original fabrication slag that was removed and weld repaired. The second item was on an 8" Residual Heat Removal line, Component Support RHU-41, Variable Spring, ISI Summary Number I142210. This Component Support Spring Can Setting was off and needed readjustment and was considered service induced. The third item was on the Residual Heat Removal Heat Exchanger "A", Outlet Reinforcing Plate Weld, ISI Summary Number I169090, weld ORPRHE-1A. This weld had original fabrication porosity that was removed by grinding. The fourth item was on the Residual Heat Removal Heat Exchanger "B", Inlet Reinforcing Plate Weld, ISI Summary Number I169270, weld IRPRHE-1B. This weld had original fabrication porosity that was removed by grinding.

A detailed listing of all Class 2 ISI Component Examinations is documented within Attachment IA of the 2005 Outage 90 Day Report.

CLASS 3 COMPONENTS:

A total of 11 component supports were examined utilizing the VT (visual) examination method. A detailed listing of all Class 3 ISI Component Examinations is documented within Attachment IA of the 2005 Outage 90 Day Report. These examinations are identified with a I500,000 series ISI Summary Number.

HIGH ENERGY COMPONENTS:

Fourteen (14) components associated with the High Energy Program were examined during the 2005 Outage. Examinations for these items were performed on welds, component supports and associated integral attachments. A total of 37 examinations were performed. The examinations for these components consisted of 14 VT's, 11 MT's, 1 PT, 7 RT's and 4 UT's.

A detailed listing of all High Energy Component Examinations is documented within Attachment IA of the 2005 Outage 90 Day Report. These examinations are identified with a I200,000 series ISI Summary Number.

STEAM GENERATOR TUBING:

ASME and Owner Elected Examinations were performed on tubes in the "A" and "B" Steam Generators (S/G) during the 2005 Outage.

The following examinations were performed on both "A" and "B" Steam Generators:

- 50% Full Length Bobbin Coil Examination
- 20% Row 1 & 2 tight radius U-bend MRPC
- 20% TTS H/L transition MRPC
- Visual Examination of Tube Plugs
- MRPC of Outer radius Tube to Tube proximity tubes
- Diagnostic MRPC examinations
- TTS Fosar & inner bundle visual sampling
- Upper bundle inspection in "A" S/G only

**R. E. Ginna Nuclear Power Plant
Inservice Inspection Report
Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI
First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

During the 2005 Ginna Refueling outage a foreign object was detected in the “B” S/G cold leg, a small wire was removed from the “A” S/G hot leg, and a possible loose part “PLP” eddy current signal was also detected in the “A” S/G. Each location was reviewed and Westinghouse was requested to perform an analysis of each location.

The “B” S/G had an indication of a possible loose part which was detected with the bobbin coil in the “B” S/G cold leg. The tube locations exhibiting the “PLP” indications were row 50 column 114, and row 48 column 114 and were located on the periphery. There was no detectable degradation with either tube or surrounding tubes with the bobbin coil. The axial location of the foreign material was approximately 20.5” above the top of tube sheet (TTS). The “B” S/G was drained for a secondary side visual exam with a remote video probe. The inspection confirmed the presence of a piece of foreign material wedged in between tubes row 50 column 114, and row 48 column 114. The location of the object is within the shroud and tube bundle annulus region, below the first lattice grid, and within the two periphery tubes.

The two tubes mentioned above were examined from the tubesheet to the first lattice grid with MRPC which encompassed the foreign object location axially, as well as a bounding program which encompassed the adjacent tubes. No detectable degradation was found on any tube locations. The 35 kHz pancake and pluspoint coils were also reviewed for foreign material response from all bounding tubes. Only row 50 column 114, and row 48 column 114 exhibited foreign material responses.

These tubes were last inspected during the 1999 RFO with no evidence of foreign material during that inspection.

Repeated attempts were made for retrieval with manual grippers of varying sizes. The attempts were not successful due to the foreign material being firmly fixed within the tube bundle location. The grippers were grappled on the material repeatedly, with no material budging or movement. This provided the feedback that this material was extremely fixed at this location, and normal mechanical means was not going to be successful for foreign object removal.

Based on close visual inspection, the foreign material is estimated to be approximately ¼” x ½” and .030” - .040” thick. The exact dimension cannot be determined, as it is wedged between two tubes and curled over. The material has been fixed for some time based on the amount of localized deposition that has settled on and adjacent to the object. There were also no signs of flow streaming, or tube fretting. There were no visible signs of foreign material corrosion or foreign material degradation. Based on the objects size and location it is unlikely that the material would break up and cause damage to other tube locations.

A conclusive quantitative means of estimating foreign material to tube wear potential could not be estimated. So a conservative approach of installing four (4) 86” length tube stabilizers at the area of interest on the cold leg, and removing all affected tubes from service with mechanical plugs on both the hot leg and cold leg locations was performed. This included the two tubes in contact with the foreign material, and in addition two bounding tubes. The listing of tube locations is as follows:

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Row	Column
50	114
48	114
47	115
49	113

During the “A” S/G examination a “PLP” was detected during a TTS inner bundle visual examination. The location row 37 column 67 is approximately 60 rows in from the periphery. The small wire was removed and physically measured to have dimensions of .75” in length and .011” in diameter. This area was bounded with a TTS MRPC examination with no degradation. During the review of this small wire, it was concluded that if similar wires were potentially left in the steam generators, they would not result in significant tube wear. Wires of this size have insufficient mass to cause impact damage and generally break into smaller pieces before they can cause significant wear on a tube. Fluid velocities of this magnitude, in combination with the small flow area of the wire, typically result in long wear times. In addition, tube vibration in this region of the tube bundle is minimal, which will further reduce the wear rate. To develop a more quantitative estimate of potential tube wear, Westinghouse reviewed calculations from other plants and associated wear rates for similar size loose parts from these other plants while making adjustments for higher fluid velocities and a tighter tube bundle pitch in the Ginna specific S/G conditions. It was possible to estimate a potential wear rate, and under the worst-case conditions it was estimated that it would take at least seven years for a 2-inch long wire to wear a tube to the plugging limit of 40% through-wall. Note that the above estimate is conservative in that it assumes the wire will not wear and the tube will. If it is assumed that the wire wears at the same rate of the tube (the more probable scenario), the wire will simply fall apart before it can wear a tube to the plugging limit. Based on this evaluation, it was concluded that wires similar to the one removed from “A” S/G will not cause significant tube wear in the Ginna S/Gs.

Also during the “A” S/G examination a “PLP” was detected with the bobbin coil located at row 94 column 54 and row 93 column 55 at an elevation of 9” above TTS. This location is approximately 8 rows in from the periphery. This area was bounded with a TTS MRPC examination with no degradation. It was concluded that the loose part at 9” above TTS in S/G “A” does not require plugging or stabilizing. This conclusion is based on previous inspections that showed the potential loose part did not cause wear on the affected tubes. Tube row 94 column 54 has been operating for at least 6 years with a PLP identified and no degradation. Similarly, tube row 93 column 55 has been operating for at least 3 years with a PLP identified and no degradation. These previous inspections had categorized the “PLP” signal as a deposit. Since there has been no change in the eddy current signal in that time, it is concluded that the PLP is not capable of causing significant tube damage. This process for dispositioning PLPs based on past history has been used at several plants. Since the eddy current signal had not changed and they caused no tube wear, the tubes were left inservice.

Steam Generator Eddy Current Examinations are summarized in Attachment 1A. These examination summaries are identified with an I800,000 series ISI Summary Number. Steam Generator Eddy Current Examination Final Report is contained within Attachment III.

**R. E. Ginna Nuclear Power Plant
Inservice Inspection Report
Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI
First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

SYSTEM PRESSURE TESTS:

Leakage Testing:

A total of twenty (20) Leakage Examinations were performed. Leakage tests performed included one (1) Class 1, Reactor Coolant System (PT-7) examination, eleven (11) Class 2 system examinations and eight (8) Class 3 system examinations. A detailed listing of all ISI Class 1, 2 and 3 System Leakage Tests are documented within Attachment IA of the 2005 Outage 90 Day Report. These examinations are identified with an I400,000 series ISI Summary Number.

EXPANDED EXAMINATIONS:

Two (2) components were classified as a "Service Induced Rejects". The following list identifies the components that had Code expanded examinations performed.

RHU-114 (Guide-loose sway strut nuts) RHU-41 (Spring Can-setting out of specification)

REPAIR & REPLACEMENT PROGRAM:

A total of 66 ASME Section XI Code Repair and Replacement activities were performed during this cycle as documented within Attachment II of the 2005 Outage 90-Day Report.

SNUBBER PROGRAM:

Visual Examinations:

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

One, Class Q, Hydraulic Snubber Component Support PS-2, was visually examined and rejected due to low fluid level. The Snubber was Functionally Tested and found operable.

Functional Testing:

A total of 18 snubbers were Functionally Tested (FT) during the 2005 outage. From the eighteen snubbers that were tested, 14 were mechanical snubbers and 4 were hydraulic snubbers.

One Mainsteam Mechanical Snubber, MSU-7 West, was Functionally Tested and Failed. The Snubber was replaced. Due to the failure of Mechanical Snubber MSU-7 West, an expansion was performed. The expansion consisted of two Mechanical Snubbers, MSU-25 and MSU-16 South. Both were Functionally Tested and found operable.

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First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

Snubber Functional Tests (FT) were performed on the following:

Mechanical Snubbers:

AFU-52	CVU-351	FWU-54	MSU-7 (Top/West)
MSU-7 (Bottom/East)	MSU-16(South)	MSU-25	MSU-27
MSU-38	MSU-74	MSU-82	RHU-36
SIU-52	SWU-309		

Hydraulic Snubbers:

FWU-3	N608	PS-2	SGA-7
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A detailed listing of all Snubber Program Examinations is documented within Attachment IA of the 2005 Outage 90 Day Report. These examinations are identified with an I600,000 series ISI Summary Number.

SEISMIC SUPPORT PROGRAM:

Five (5) Seismic Supports were inspected this outage utilizing the visual (VT) examination technique.

A detailed listing of all Seismic Support Component Examinations are documented within Attachment IA of the 2005 Outage 90 Day Report. These examinations are identified with an I700,000 series ISI Summary Number.

CONTAINMENT IWE/IWL PROGRAM:

The Containment IWE/IWL Program consist of the metallic liner (IWE) and concrete (IWL) relating to the Containment structure, including tendons (IWL). During the 2005 Outage, a total of 206 items were examined. These items consisted of 9 Appendix J Tests, 18 IWL Concrete examinations, 25 IWE Liner examinations, 160 Tendon Grease Cap examinations and 2 examinations on an area of the metallic liner prior to and after the application of paint/coating.

Other Tendon Examinations for the Second Period Containment Program (IWL) was not performed during the 2005 Outage but shall be completed on or before December 31, 2005. The results of these inspections will be included within the 2006 Outage 90-Day Report.

A detailed listing of all Containment IWE/IWL Program Examinations is documented within Attachment IB and Attachment IC of the 2005 Outage 90 Day Report. These examinations are identified with an I900,000 series ISI Summary Number.

**R. E. Ginna Nuclear Power Plant
Inservice Inspection Report
Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI
First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL**

EROSION/CORROSION MINWALL PROGRAM:

A total of 390 components were examined and mostly performed online. Of this total, 216 components were examined utilizing the Radiographic method and 174 components utilized the Ultrasonic method. The breakdown of this total by component type is as follows:

<u>Type</u>	<u>Total Number</u>
Large Bore Components	162
Small Bore Components	139
Miscellaneous Components	31
Service Water Components	58

A detailed listing of all Erosion/Corrosion Minwall Program Examinations is documented within Attachment IV of the 2005 Outage 90 Day Report.

The statements made within this Report and associated Attachments are correct and the examinations as well as corrective measures taken conform to the Rules of the ASME Code, Section XI.

Prepared By: Frank A. Klepacki 6/29/05
Frank A. Klepacki Date
ISI Engineer

Reviewed By: Paul A. Lewis 6/29/05
Paul A. Lewis Date
Director, Laboratory Inspection Services

Approved By: Peter Bamford 6/30/05
Peter Bamford Date
Interim Director,
Reliability Engineering

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 N/A and employed by ABS of Houston TX 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: J. Longenberger 6-30-05
J. Longenberger – ANII Date

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT I

NIS-1 Sub-Attachments:

- 1A ISI Program Examination Results
- 1B Containment IWE - IWL Program Examination Results
- 1C IWE Appendix J Testing Results

This Form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-1 (Back)

8. Examination Dates 10/17/2003 to 4/11/2005
9. Inspection Period Identification: Second Period (2005 Outage) / Second Period (2005 Outage)
10. Inspection Interval Identification: Fourth Interval (2000 to 2009) / First Interval (1997 to 2008)
11. Applicable Edition of Section XI 1995 Edition Addenda 1996 (Class 1, 2 & 3 ISI)
1992 Edition Addenda 1992 (IWE & IWI)
12. Date/Revision of Inspection Plan: 2005 Outage Inspection Plan
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See "Attachment 1A, 1B & 1C" for Applicable Information
14. Abstract of Results of Examinations and Tests. See "Attachment 1A, 1B & 1C" for Applicable Information.
15. Abstract of Corrective Measures. See "Attachment 1A, 1B & 1C" for Applicable Information.

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by ASME Code, Section XI, and c) 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 17 June 2005 Signed R. E. Ginna Nuclear Power Plant, LLC By: Frank A. Klepacki
Owner Frank A. Klepacki - 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 N/A and employed by ABS of Houston, TX have inspected the components described in this Owner's Report during the period 10/17/2003 to 4/11/2005, 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 requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, Concerning the examinations 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.

James Longenbach Commissions NB10195 ASNT
Inspector's Signature National Board, State, Province, And Endorsements
Date June 17 2005

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #	
Class 1									
I000701	RPV INTERIOR	VESSEL INTERIOR	B-N-1	B13.10	VT-110	VT 05GV362	Accept	RPV	A-1
Comments:	05- VT: Partial Exam-Thermal Couple conduit cut during 03 RFO, Upper internal Pick to Upper cavity stand, verify no Fuel Assemblies attached, Upper Internal Package insp. on Stand, Upper Fuel Pins & Slip Pins insp. as Upper Internal Package was returned to Vessel. In-Vessel Insp. deferred to 06 RFO-Accept.								
I004350	SLN SE	NOZZLE-TO-SAFE END (SURGE LINE)	B-F	B5.40	PT-106	PT 05GP020	Reject	PZR	A-4
					PT-106	PT 05GP045	Accept	PZR	A-4
Comments:	05 - PT: Reject: Existing indications benign/grew or new indications developed. AR # 2005-1405 generated. Repair by blending performed - see RRM Summary # R05037. Post Repair: PT: Numerous rounded indications left - all code acceptable. Owner Elected Exam.								
I004600	RC-2501-ASW-1A	NOZZLE-TO-SAFE END (RELIEF LINE)	B-F	B5.40	PT-106	PT 05GP014	Accept	PZR	A-4
Comments:	05 - PT: No Recordable Indications - Accept. Owner Elected Exam.								
I004800	RC-1000-MSW-1	SAFE END-TO-NOZZLE (SPRAY LINE)	B-F	B5.40	PT-106	PT 05GP016	Accept	PZR	A-4
Comments:	05 - PT: 2 rounded indications 1/16" & 3/16" - Accept. Seen in previous exam. Owner Elected Exam								
I005000	RC-273-I	NOZZLE-TO-SAFE END (SAFETY #1)	B-F	B5.40	PT-106	PT 05GP011	Accept	PZR	A-4
Comments:	05 - PT: Linear indications @ 1 7/8", 2 1/2" & 7 1/4" - No change since previous exam - Accept. Two (2) new indications noted in safe end base material - Acceptable. Owner Elected Exam.								
I005200	RC-273-S	NOZZLE-TO-SAFE END (SAFETY #2)	B-F	B5.40	PT-106	PT 05GP015	Accept	PZR	A-4
Comments:	05 - PT: Rounded indication - 1/8" dia. - No change from previous exam - Accept. Owner Elected Exam.								
I007430	IMN-BR	INLET MANWAY NUTS (20)	B-G-2	B7.30	VT-108	VT 05GV342	Accept	SG	A-5
Comments:	05- VT: No Recordable Indications - Acceptable								
I007435	IMS-BR	INLET MANWAY STUDS (20)	B-G-2	B7.30	VT-108	VT 05GV343	Accept	SG	A-5
Comments:	05- VT: No Recordable Indications - Acceptable								
I011000	PL-FW-II/10A-RC0-2501-A	10" BRANCH WELD	B-J	B9.31	UT-208	UT 05GU031	Accept	RC	A-3-1A
					UT-208	UT 05GU021	Accept	RC	A-3-1A
					UT-208	UT 05GU020	Accept	RC	A-3-1A
					PT-106	PT 05GP040	Accept	RC	A-3-1A
Comments:	05 - PT: No Recordable Indications - Accept. UT: Base Metal Lamination - No Recordable Indications - Accept. UT: PDI - No Indications - Accept.								
I012100	PL-FW-VI	PUMP(RCP-A)-TO-PIPE	B-J	B9.11	UT-208	UT 05GU016	Accept	RC	A-3-1C
					PT-106	PT 05GP028	Accept	RC	A-3-1C
Comments:	05- PT: No Recordable Indications - Accept. UT: PDI, Utilized 1995 Lamination Scan & Coverage Plot. Single-sided access, far side of weld not examined, 64% of weld was covered -Accept. No RL wave scan performed-Reschedule 2006.								

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

[illegible]

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #	
I026600	C	REDUCER-TO-VALVE(515)	B-J	B9.21	PT-106	PT 05GP036	Accept	PZR	A-12
Comments:	05 - PT: No Recordable Indications - Accept								
I028200	Q	REDUCER-TO-ELBOW	B-J	B9.11	PT-106	PT 05GP010	Accept	PZR	A-13
					UT-208	UT 05GU007	Accept	PZR	A-13
Comments:	05 - PT: No Recordable Indications - Accept. UT: PDI - No Indications - Accept. Base Metal Lamination performed in 1995.								
I029100	ASW-1	PIPE-TO-ELBOW	B-J	B9.11	PT-106	PT 05GP033	Reject	RHR	A-14
					PT-106	PT 05GP038	Accept	RHR	A-14
					UT-208	UT 05GU013	Accept	RHR	A-14
Comments:	05- PT: Rej- 3 Rounded Indications- not service induced- AR# 2005-1451 generated. Metal removal repair- 1995 lam scan used for UT thickness. Post repair UT thickness & PT- see Sum # R05040. PT: No Recordable Indications- Accept. UT: PDI - No Indications - Accept. Used 1995 lam scan with new Coverage Plot								
I033800	FSW-1	PIPE-TO-ELBOW	B-J	B9.11	PT-106	PT 05GP049	Accept	HPSI	A-16
					UT-208	UT 05GU023	Accept	HPSI	A-16
Comments:	05 - PT: No Recordable Indications - Accept. UT: PDI - No Indication - Accept. UT: Base Metal Lamination performed in 1987.								
I034300	H	PIPE-TO-VALVE(867A)	B-J	B9.11	UT-208	UT 05GU026	Accept	HPSI	A-16
Comments:	05- UT: PDI, Utilized 1993 Lamination Scan & Coverage Plot. 50% coverage obtained due single-sided access. Shear wave scanning performed on near-side of weld - No Indications - Accept. RL wave scan performed incorrectly - Reschedule 2006.								
I038100	F	ELBOW-TO-PIPE	B-J	B9.11	PT-106	PT 05GP009	Accept	RC	A-14
					UT-208	UT 05GU006	Accept	RC	A-14
					UT-208	UT 05GU033	Accept	RC	A-14
Comments:	05- PT: No Recordable Indications - Accept. UT: Base Metal Lamination- No Recordable Indications- Accept. UT: PDI - No Indications - Accept. Utilized coverage plot performed in 1994.								
I038700	FSW-19	TEE-TO-REDUCER	B-J	B9.40	PT-106	PT 05GP050	Accept	HPSI	A-19
Comments:	05 - PT: No Recordable Indications - Accept.								
I041700	GSW-15	ELBOW-TO-PIPE	B-J	B9.40	PT-106	PT 05GP025	Accept	HPSI	A-21
Comments:	05 - PT: No Recordable Indications - Accept.								
I042200	GSW-20	2" PIPE-TO-BRANCH CONNECTION	B-J	B9.40	PT-106	PT 05GP048	Accept	RC	A-21
Comments:	05 - PT: No Recordable Indications - Accept								
I044900	20	PIPE-TO-ELBOW	B-J	B9.40	PT-106	PT 05GP041	Accept	CVCS-LTC	A-23
Comments:	05 - PT: No Recordable Indications - Accept.								
I045425	CVU-33	GUIDE	F-A	F1.10B	VT-106	VT 05GV245	Accept	CVCS-LTC	A-23
Comments:	05- VT: No Recordable Indications - Accept.								

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet	Results	System	ISO #
I046800	CVU-29 (IA)	INTEGRAL ATTACHMENT	B-K	B10.20	PT-106	PT	05GP044	Accept	CVCS-LTC A-23
Comments:	05- PT: No Recordable Indications - Acceptable								
I046820	CVU-29	RIGID RESTRAINT (IA)	F-A	F1.10B	VT-106	VT	05GV313	Accept	CVCS-LTC A-23
Comments:	05- VT: No Recordable Indications - Acceptable								
I048202	2	PIPE-TO-TEE	B-J	B9.40	PT-106	PT	05GP042	Accept	CVCS-LTC A-24
Comments:	05 - PT: No Recordable Indications - Accept								
I049750	20	ELBOW-TO-PIPE	B-J	B9.40	PT-106	PT	05GP023	Accept	CVCS-CHI A-31
Comments:	05 - PT: No Recordable Indications - Accept								
I049765	19	PIPE-TO-ELBOW	B-J	B9.40	PT-106	PT	05GP024	Accept	CVCS-CHI A-31
Comments:	05 - PT: No Recordable Indications - Accept. Limitation - pipe support - > 90%.								
I050730	21B	VALVE(9314)-TO-PIPE	B-J	B9.40	PT-106	PT	05GP054	Accept	CVCS-CHI A-25
Comments:	05 - PT: No Recordable Indications - Accept.								
I050740	CVU-6	VARIABLE SPRING	F-A	F1.10C	VT-106	VT	05GV308	Accept	CVCS-CHI A-25
Comments:	05- VT: Required cold setting per ME 303 Rev 5 is 85# - Actual 80#. No Recordable Indications - Acceptable.								
I050745	21C	TEE-TO-REDUCER	B-J	B9.40	PT-106	PT	05GP052	Accept	CVCS-CHI A-25
Comments:	05 - PT: No Recordable Indications - Accept.								
I050750	22	PIPE-TO-VALVE(295)	B-J	B9.40	PT-106	PT	05GP057	Accept	CVCS-CHI A-25
Comments:	05 - PT: No Recordable Indications - Accept.								
I050800	23	VALVE(295)-TO-PIPE	B-J	B9.40	PT-106	PT	05GP027	Accept	RC A-25
Comments:	05 - PT: No Recordable Indications - Accept								
I050885	23A	PIPE-TO-COUPLING	B-J	B9.40	PT-106	PT	05GP003	Accept	RC A-25
Comments:	05- PT: No Recordable Indications - Accept								
I050888	23B	COUPLING-TO-PIPE	B-J	B9.40	PT-106	PT	05GP058	Accept	RC A-25
Comments:	05 - PT: No Recordable Indications - Accept.								
I051400	20	VALVE(392B)-TO-PIPE	B-J	B9.40	PT-106	PT	05GP047	Accept	CVCS-CHI A-26
Comments:	05 - PT: No Recordable Indications - Accept. Limitations - Due to support, >90% obtained.								

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I052500	30	ELBOW-TO-PIPE	B-J	B9.40	PT-106	PT 05GP046 Accept	CVCS-CH	A-26
Comments:	05 - PT: No Recordable Indications - Accept.							
I052700	32	PIPE-TO-COUPLING	B-J	B9.40	PT-106	PT 05GP035 Accept	CVCS-CH	A-26
Comments:	05- PT: No Recordable Indications - Acceptable							
I053300	38	VALVE(383A)-TO-PIPE	B-J	B9.40	UT-202	UT 05GU018 Accept	RC	A-26
					PT-106	PT 05GP037 Accept	RC	A-26
Comments:	05 - High Radiation - Contact ALARA. Exam forThermal Stratification. Cal Block used 2-SOCKET-71A REG. PT & UT: No Recordable Indications - Accept. >90% coverage obtained.							
I054930	9B	VALVE(9315)-TO-TEE	B-J	B9.40	PT-106	PT 05GP032 Accept	CVCS-CH	A-27
Comments:	05 - PT: No Recordable Indications - Accept.							
I054960	9D	TEE-TO-REDUCING INSERT	B-J	B9.40	PT-106	PT 05GP031 Accept	CVCS-CH	A-27
Comments:	05 - PT: No Recordable Indications - Accept							
I054980	9E	TEE-TO-PIPE	B-J	B9.40	PT-106	PT 05GP030 Accept	CVCS-CH	A-27
Comments:	05 - PT: No Recordable Indications - Accept							
I054990	9F	PIPE-TO-TEE	B-J	B9.40	PT-106	PT 05GP055 Accept	CVCS-CH	A-27
Comments:	05 - PT: No Recordable Indications - Accept.							
I055100	11	VALVE(393)-TO-PIPE	B-J	B9.40	PT-106	PT 05GP029 Accept	RC	A-27
					UT-202	UT 05GU024 Accept	RC	A-27
Comments:	05 - Exam forThermal Stratification, Cal Block used 2-SOCKET-71A REG. PT & UT: No Recordable Indications - Accept. >90% coverage obtained.							
I055300	12	PIPE-TO-NOZZLE	B-J	B9.40	PT-106	PT 05GP039 Accept	RC	A-27
Comments:	05 - PT: No Recordable Indications - Accept.							
I057100	EBA-1	EYEBAR	F-A	F1.40	VT-106	VT 05GV360 Accept	RC	A-7
Comments:	05- VT: No Recordable Indications - Acceptable.							
I057150	EBA-2	EYEBAR	F-A	F1.40	VT-106	VT 05GV361 Accept	RC	A-7
Comments:	05- VT: No Recordable Indications - Acceptable.							
I057310	LEG E	SUPPORT COMPONENTS	F-A	F1.40	VT-106	VT 05GV364 Accept	RC	A-6
Comments:	05- VT: No Recordable Indications - Acceptable							

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Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/11/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I057320	LEG F	SUPPORT COMPONENTS	F-A	F1.40	VT-106	VT 05GV365 Accept	RC	A-6
Comments:	05- VT: No Recordable Indications - Acceptable							
I057330	LEG G	SUPPORT COMPONENTS	F-A	F1.40	VT-106	VT 05GV366 Accept	RC	A-6
Comments:	05- VT: No Recordable Indications - Acceptable							
I057410	RCP-B WELD A	PUMP CASING WELD	B-L-1	B12.10	VT-103	VT 05GV283 Accept	RC	A-7
Comments:	05- VT: Insignificant indications - pits from casting intermittent 360 degress around - grinding marks - no change from previous inspection - Acceptable							
I057420	RCP-B WELD B	PUMP CASING WELD	B-L-1	B12.10	VT-103	VT 05GV284 Accept	RC	A-7
Comments:	05- VT: Insignificant indications - pits from casting intermittent 360 degress around - grinding marks - no change from previous inspection - Acceptable							
I057430	RCP-B WELD C	PUMP CASING WELD	B-L-1	B12.10	VT-103	VT 05GV285 Accept	RC	A-7
Comments:	'05- VT: Insignificant indications - pits from casting intermittent 360 degress around - grinding marks - gouge 1/2" x 1/32" deep x 1/16" wide @ 11 1/2" - no change from previous inspection - Acceptable							
I057910	RCP-B SUPPORT #1 (IA)	INTEGRAL ATTACHMENT	B-K	B10.30	PT-106	PT 05GP019 Accept	RC	A-7
Comments:	05 - PT: indications similar to those seen in previous exams were observed. Limitation from 41" to 53" due to component configuration - Accept. Owner Elected Exam.							
I057920	RCP-B SUPPORT #2 (IA)	INTEGRAL ATTACHMENT	B-K	B10.30	PT-106	PT 05GP018 Accept	RC	A-7
Comments:	05 - PT: Indications similar to those seen in previous exams were observed. Limitation from 41" to 53" due to component configuration - Accept. Owner Elected Exam.							
I057930	RCP-B SUPPORT #3 (IA)	INTEGRAL ATTACHMENT	B-K	B10.30	PT-106	PT 05GP017 Accept	RC	A-7
Comments:	05 - PT: Indications similar to those seen in previous exams were observed. Limitation from 41" to 53" due to component configuration - Accept. Owner Elected Exam.							
I058000	EBB-1	EYEBAR	F-A	F1.40	VT-106	VT 05GV311 Accept	RC	A-7
Comments:	05- VT: No Recordable Indications - Acceptable.							
I058050	EBB-2	EYEBAR	F-A	F1.40	VT-106	VT 05GV312 Accept	RC	A-7
Comments:	05- VT: No Recordable Indications - Acceptable.							
I058130	LEG L	SUPPORT COMPONENTS	F-A	F1.40	VT-106	VT 05GV277 Accept	RC	A-6
					VT-106	VT 05GV386 Accept	RC	A-6
Comments:	05- VT: Corrosion noted on Hex Nuts and Inner Radius of Casting, No cross sectional loss or wastage. New Gussets. No Recordable Indications - Acceptable							
I058140	LEG M	SUPPORT COMPONENTS	F-A	F1.40	VT-106	VT 05GV385 Accept	RC	A-6
					VT-106	VT 05GV278 Accept	RC	A-6
Comments:	05- VT: Corrosion noted on Hex Nuts and Inner Radius of Casting, No cross sectional loss or wastage. New Gussets. No Recordable Indications - Acceptable							

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Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I087400	MSU-21	GUIDE	F-A	F1.20A	VT-106	VT 05GV230 Accept	MS	B-10A
Comments:	05- VT: Coating burned off at contact with Pipe, Bird Feces, No change since last inspection - Ref. AR#2000-1545 - Acceptable.							
I087500	MSU-23	VARIABLE SPRING	F-A	F1.20C	VT-106	VT 05GV231 Accept	MS	B-10A
Comments:	05- VT: No Recordable Indications - Required Spring Can setting per ME-303 is 9879#, Actual is 9871# - Acceptable.							
I090300	L2-BC-1-A	PIPE-TO-VALVE(3504)	C-F-2	C5.51	RT-104	RT 05GRT011 Accept	MS	B-10
					MT-105	MT 05GM024 Accept	MS	B-10
					RT-104	RT 05GRT002 Reject	MS	B-10
					MT-105	MT 05GM010 Accept	MS	B-10
Comments:	05- MT: No Recordable Indications - Accept. RT: Rej: Indications were noted on previous exams but not to the extent of being rejectable - Original Fabrication - Slag - not service induced. AR# 2005-1430 generated. Repair performed. MT: No Recordable Indications - Accept. RT: Porosity and slag noted - Accept.							
I090820	MSU-55	MECHANICAL SNUBBER	F-A	F1.20C	VT-106	VT 05GV363 Accept	MS	B-10
Comments:	05- VT-3: Snubber S/N 18195, required setting per IP IIT 5 rev 4 is 3 3/16" Actual is 2 13/16"- No Recordable Indications- Acceptable							
I091250	FWU-14	RIGID RESTRAINT	F-A	F1.20A	VT-106	VT 05GV390 Accept	FW	B-11
Comments:	05- VT: No Recordable Indications - Acceptable.							
I093700	DD5	PIPE-TO-ELBOW	C-F-2	C5.51	MT-105	MT 05GM012 Accept	FW	B-12
					UT-209	UT 05GU030 Accept	FW	B-12
					UT-209	UT 05GU029 Accept	FW	B-12
Comments:	05- MT: No Recordable Indications - Accept. UT: Base Metal Lamination - No Recordable Indications - Accept. UT: PDI - No Indications - Accept.							
I094575	FWU-41	VARIABLE SPRING	F-A	F1.20C	VT-106	VT 05GV399 Accept	FW	B-14
Comments:	05- VT: Required Cold Setting per ME 303 Rev 5 is 5339#, Actual 5778# - Acceptable. Indications noted on lower Hanger Rod - 1/64" to 1/32" deep X 360 degrees. Acceptable per Engineering.							
I094800	N1	ELBOW-TO-PIPE	C-F-2	C5.51	PT-106	PT 05GP060 Accept	FW	B-14
					MT-105	MT 05GM005 Accept	FW	B-14
					RT-104	RT 05GRT012 Accept	FW	B-14
Comments:	05 - MT: No Recordable Indications - Limited exam due to support - 87% - Accept. PT: No Recordable Indications - exam of weld face in area MT could not be performed - 12% - Accept. RT: No Recordable Indications - Film trimmed to fit between support - Accept.							
I099900	BB-R	ELBOW-TO-SAFE END (S/G-B)	C-F-2	C5.51	PT-106	PT 05GP051 Accept	FW	B-13
Comments:	05- PT: No Recordable Indications - Accept. UT: PDI - Deferred to RFO 06 Outage - Need specific Squint Angle and Focal Depth for transducers.							
I108100	21R (WELD 35)	ELBOW-TO-TEE	C-F-1	THIN	PT-106	PT 05GP001 Accept	HPSI	B-16A
					UT-208	UT 05GU001 Accept	HPSI	B-16A
					UT-102	UT 05GU032 Info	HPSI	B-16A
Comments:	05 - PT: No Recordable Indications -Accept. UT: PDI Exam - No Recordable Indications - Accept. Base Metal Lamination/Profile performed in 2005.							

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #	
I110650	RHU-9	RIGID SUPPORT (IA)	F-A	F1.20A	VT-106	VT 05GV350	Accept	RHR	B-17
Comments:	05- VT: No changes from last inspection - Acceptable								
I110655	RHU-9 (IA)	INTEGRAL ATTACHMENT	C-C	C3.20	PT-106	PT 05GP053	Accept	RHR	B-17
Comments:	05- PT: No changes from previous inspection - Acceptable								
I124200	RHU-102	RIGID SUPPORT (IA)	F-A	F1.20A	VT-106	VT 05GV225	Accept	HPSI	B-19
Comments:	05- VT: Over sized Support Base Plate noted and conforms to ME-121 & CE-153 requirements - Acceptable.								
I130050	RHU-93	VARIABLE SPRING (IA)	—	F1.20C	VT-106	VT 05GV244	Accept	RHR	B-21
					VT-106	VT 05GV238	Accept	RHR	B-21
Comments:	05- VT: Required setting per ME 303 is 1903#, Actual setting is 1935#, Light corrosion noted on inside of can - (Ref. N05074 & N05118) - Acceptable.								
I130150	RHU-92	MECHANICAL SNUBBER	—	F1.20C	VT-106	VT 05GV215	Accept	RHR	B-21
					VT-106	VT 05GV214	Accept	RHR	B-21
Comments:	05- VT: BAMP inspection (Sum# N05392) noted Snubber S/N 22190 having Boron on it. AR# 2005-0589 generated for Functional testing. Snubber operable, Old Snubber replaced under WO 20501165 with S/N 18750 due to light corrosion on housing. Required setting per IP IIT 5 rev 4 is 2", Actual is 2 1/4". NRI - Accept.								
I130450	RHU-79	RIGID RESTRAINT	F-A	F1.20A	VT-106	VT 05GV392	Accept	RHR	B-20
Comments:	05- VT: No Recordable Indications - Acceptable								
I131710	RHU-75	MECHANICAL SNUBBER	F-A	F1.20C	VT-106	VT 05GV206	Accept	RHR	B-20
Comments:	05- VT: Required Cold setting per IP IIT 5 is 3", Actual setting 3 1/2", Serial # 8632, Light rust noted on Base Plate, shim under new Base Plate - Acceptable. Ref. WO # 20300818 for base plate modification.								
I137800	RHU-68	VARIABLE SPRING (IA)	F-A	F1.20C	VT-106	VT 05GV389	Accept	RHR	B-20A
					VT-106	VT 05GV349	Accept	RHR	B-20A
Comments:	05- VT: Required Setting per ME 303 Rev 5 cold is 474#, Actual 474#, Spring Can replaced and support modified, Base Plate and welds were not coated, No grout at time of inspection, see Engineering acceptance Memo and AR 2005-1537 - Acceptable.								
I139850	RHU-37	GUIDE (IA)	F-A	F1.20A	VT-106	VT 05GV227	Accept	RHR	B-23
					VT-106	VT 05GV228	Accept	RHR	B-23
Comments:	05- VT: Two (2) shims added to reduce gap to 1/8", Ref AR# 2005-0592 and Sum # R05006 - Acceptable								
I140000	RHU-38	RIGID HANGER	F-A	F1.20A	VT-106	VT 05GV247	Accept	RHR	B-23
Comments:	05- VT: No Recordable Indications - Acceptable. Expansion for RHU-41 Reject.								
I141400	RHU-47	VARIABLE SPRING	F-A	F1.20C	VT-106	VT 05GV250	Accept	RHR	B-25
Comments:	05- VT: No Recordable Indications - Required setting per ME 303, 1301#, Actual setting is 1300# - Acceptable. Expansion for RHU-41 Reject.								

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I142210	RHU-41	VARIABLE SPRING	F-A	F1.20C	VT-106 VT-106	VT 05GV452 Accept VT 05GV240 Reject	RHR	B-23
Comments:	05- VT: Wrench marks were noted on hanger rod. Required setting per ME 303 rev 5 is 689# +/- 10%, actual setting was 1000# - Reject. AR 2005-0765 generated for setting. Spring can was re-adjusted to a setting of 700# & wrench marks filed. Re-inspected and found to be Acceptable.							
I142600	RHU-42	GUIDE	F-A	F1.20A	VT-106	VT 05GV248 Accept	RHR	B-23
Comments:	05- VT: No Recordable Indications - Acceptable. Expansion for RHU-41 Reject.							
I143500	RHU-44	VARIABLE SPRING	F-A	F1.20C	VT-106	VT 05GV249 Accept	RHR	B-24
Comments:	05- VT: No Recordable Indications - Required setting per ME 303 1416#, Actual setting is 1310# - Acceptable. Expansion for RHU-41 Reject.							
I160664	RHU-113	RIGID SUPPORT (IA)	F-A	F1.20A	VT-106	VT 05GV028 Accept	HPSI	B-16B
Comments:	05- VT: No Recordable Indications - Acceptable. Expansion for RHU-114 Reject.							
I160715	RHU-114	GUIDE	---	F1.20B	VT-106	VT 05GV025 Accept	RHR	B-16B
Comments:	05- VT: No ID tag, AR 2004-1290 generated & WO 20402493 written to tighten item #6, loose part was observed during an inspector plant walk through - No Recordable Indications - Acceptable. Expansion performed.							
I160720	RHU-115	RIGID RESTRAINT	---	F1.20A	VT-106	VT 05GV037 Accept	RHR	B-16B
Comments:	05- VT: North Support Rod in contact with SI Pump Air Duct Vent, Gap North side .035", Gap South side 3/16"- drawing indicates 1/16" - Component Support is Acceptable per Engineering - Support Acceptable. Expansion for RHU-114 Reject.							
I160740	RHU-117	GUIDE	F-A	F1.20A	VT-106	VT 05GV026 Accept	HPSI	B-16B
Comments:	05- VT: No Recordable Indications - Acceptable. Expansion for RHU-114 Reject.							
I160750	RHU-118	VARIABLE SPRING	F-A	F1.20C	VT-106	VT 05GV027 Accept	HPSI	B-16B
Comments:	05- VT: Required setting per ME 303 is 173#, Actual setting is 169#. No Recordable Indications - Acceptable							
I161270	SIU-75	RIGID RESTRAINT	F-A	F1.20A	VT-106	VT 05GV218 Accept	HPSI	B-37
Comments:	05- VT: No Recordable Indications - Acceptable							
I163890	28	PIPE-TO-ELBOW	C-F-1	C5.21	UT-208 PT-106 UT-102	UT 05GU002 Accept PT 05GP002 Accept UT 05GU003 Info	HPSI HPSI HPSI	B-42 B-42 B-42
Comments:	05- PT: 1/16" dia. rounded indication - Accept. UT: PDI exam - No Recordable Indications - Accept.							
I164050	SIU-21	RIGID HANGER	F-A	F1.20A	VT-106	VT 05GV351 Accept	HPSI	B-43
Comments:	05- VT: No Recordable Indications - Acceptable							

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I164180	47	ELBOW-TO-PIPE	C-F-1	C5.21	PT-106 UT-208	PT 05GP008 Accept UT 05GU005 Accept	HPSI	B-43
Comments:	05- PT: No Recordable Indications - Accept. UT: PDI - No Indications - Accept. Base Metal Lamination scan and coverage plot was performed in 1995 and utilized for this exam.							
I169041	INSRHE-1A	INLET NOZZLE-TO-SHELL WELD	C-B	C2.33	VT-109	VT 05GV407 Accept	RHR	B-109
Comments:	05- VT-2: No Recordable Indications - Acceptable							
I169051	ONSRHE-1A	OUTLET NOZZLE-TO-SHELL WELD	C-B	C2.33	VT-109	VT 05GV408 Accept	RHR	B-109
Comments:	05- VT-2: No Recordable Indications - Acceptable							
I169090	ORPRHE-1A	OUTLET REINFORCING PLATE WLD	C-B	C2.31	PT-106 PT-106	PT 05GP006 Accept PT 05GP005 Reject	RHR	B-109
Comments:	05- PT: Construction indications identified and rejected. AR 2005-1040 generated & Code Repair by grinding performed under WO 20400669. Re-exam after repair - Acceptable.							
I169220	LHLSWRHE-1B	LOWER HEAD-TO-LOWER SHELL CIRC WELD	C-A	C1.20	UT-303	UT 05GU004 Accept	RHR	B-109
Comments:	05- UT: Identical geometric indications as noted in last exam - No change since last exam - Accept. 1994 Lamination Scan & Coverage Plot utilized.							
I169270	IRPRHE-1B	INLET REINFORCING PLATE WELD	C-B	C2.31	PT-106 PT-106	PT 05GP007 Accept PT 05GP004 Reject	RHR	B-109
Comments:	05- PT: Construction indications identified and rejected. AR 2005-1039 generated & Code Repair by grinding performed under WO 20400669. Re-exam after repair - Acceptable							
I200445	Z1	PIPE-TO-ELBOW	HE-CB	CB	MT-105 RT-104 VT-103	MT 05GM015 Accept RT 05GRT010 Accept VT 05GV347 Accept	FW	B-11
Comments:	05 - VT & MT: No Recordable Indications - Accept. RT: Insignificant - EUC, Root concavity - Accept							
I200450	Z2	ELBOW-TO-PIPE	HE-CB	CB	MT-105 VT-103 RT-104	MT 05GM009 Accept VT 05GV267 Accept RT 05GRT009 Accept	FW	B-11
Comments:	05 - VT & MT: No Recordable Indications - Accept. RT: Insignificant indications - porosity - Accept.							
I200455	Z3	PIPE-TO-ELBOW	HE-CB	CB	RT-104 VT-103 MT-105	RT 05GRT006 Accept VT 05GV268 Accept MT 05GM008 Accept	FW	B-11
Comments:	05 - VT & MT: No Recordable Indications - Accept. RT: No Recordable Indications - No change since last examination - Accept.							

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

[illegible]

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #	
I413300	RHR LOW PRESSURE	"B" PUMP	C-H	C7.XX	VT-109	VT 05GV404	Accept	RHR	L-1
Comments:	05- VT-2: Boric Acid noted on Pump shaft seal area (AR# 2005-1758) - Acceptable								
I413400	RHR PUMP "A"	IN/OUT CONT.	C-H	C7.XX	VT-109	VT 05GV403	Accept	RHR	L-1
Comments:	05- VT-2: Boric Acid noted on Valves 694A (AR# 2005-1752), 709A (AR# 2005-1751), 709C (AR# 2005-1749), 705C (AR# 2005-1746), 850A (AR# 2005-1744), 822A (AR# 2005-1743), - Acceptable								
I413500	RHR PUMP "B"	IN/OUT CONT.	C-H	C7.XX	VT-109	VT 05GV406	Accept	RHR	L-1
Comments:	05- VT-2: Boric Acid noted on RCDT drain line (AR# 2005-1756), FT-931B & 12074L-Swagelok fitting (AR# 2005-1755), 857B (AR# 2005-1754), FE-626 (AR# 2005-1753), 709B (AR# 2005-1750), 709D (AR# 2005-1748), 711E (AR# 2005-1745) - Acceptable								
I414600	CHARGING & SEAL WATER	FROM PUMPS (IN/OUT CV)	C-H	C7.XX	VT-109	VT 05GV431	Accept	CVCS	L-1
Comments:	05- VT-2: Partial Exam - Inside CV only. No Recordable Indications - Accept. Outside CV will be performed in 2006 Outage.								
I414700	LETDOWN SYSTEM	IN/OUT CONTAINMENT	C-H	C7.XX	VT-109	VT 05GV432	Accept	CVCS	L-1
Comments:	05- VT-2: Partial Exam - Inside CV only. No Recordable Indications - Accept. Outside CV will be performed in 2006 Outage.								
I415650	RPV (RPC01)	CLASS 2 INSTRUMENTATION	C-H	C7.XX	VT-109	VT 05GV428	Accept	RC	L-1
Comments:	05- VT-2: No Recordable Indications - Acceptable								
I600380	AFU-111	MECHANICAL SNUBBER	SN-VT	VT	VT-106	VT 05GV033	Accept	AFW	C-1A
Comments:	05- VT: Required Snubber setting per IP IIT 5 Rev 3 is 2", Actual is 2". Serial # 16597. No Recordable Indications - Acceptable. Note: elevated temperature is from FW System.								
I601100	FWU-3	HYDRAULIC SNUBBER	SN-VT	VT	VT-107	VT 05GV287	Accept	FW	B-12
					VT-106	VT 05GV367	Accept	FW	B-12
Comments:	"05- VT: Pre-Functional -S/N 2500-10-152 -required cold setting 4 1/16" - actual 3 25/32". Vise marks on piston where the setting prick punch mark is located, prick punch mark was not evident -Accept. VT: Post-Functional - S/N 2500-10-152 -required cold setting 4 1/16" -actual 3 5/8" -No Recordable Indications -Accept.								
I601101	FWU-3	HYDRAULIC SNUBBER	SN-FT	FT	FT	VT 05GV437	Accept	FW	B-12
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 2500-10-152.								
I601320	FWU-54	MECHANICAL SNUBBER	SN-VT	VT	VT-106	VT 05GV371	Accept	FW	B-14
					VT-107	VT 05GV223	Accept	FW	B-14
Comments:	05- VT: Pre-Functional - Snubber S/N 7482, Required hot setting per IP IIT 5 rev 4 is 3 1/8", Actual 3 1/2", no ID tag, bird feces noted on snubber - Accept. VT: Post-Functional - Snubber S/N 7482, Required cold setting is 3 13/16", Actual 4 1/8", No Recordable Indications - Accept.								
I601321	FWU-54	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV438	Accept	FW	B-14
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 7482.								
I601369	MSU-7 (TOP/WEST)	MECHANICAL SNUBBER	SN-VT	VT	VT-106	VT 05GV373	Accept	MS	B-8
					VT-107	VT 05GV314	Accept	MS	B-8
Comments:	05- VT: Pre-Functional - Snubber S/N 7051 - Required cold setting 3", actual 2 5/8" - No Recordable Indications - Accept. VT: Post-Functional - Snubber S/N 4765 - Required cold setting 3" - actual 2 5/8" - No Recordable Indications - Accept.								

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I601370	MSU-7 (BOTTOM/EAST)	MECHANICAL SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV315 Accept VT 05GV372 Accept	MS MS	B-8 B-8
Comments:	05- VT: Pre-Functional - Snubber S/N 7047 - Required cold setting 3", actual 3" - No Recordable Indications - Accept. VT: Post-Functional - Snubber S/N 7047 - Required cold setting 3" - actual 3" - No Recordable Indications - Accept.							
I601371	MSU-7 (TOP/WEST)	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV453 Accept	MS	B-8
Comments:	05- FT: Functionally Tested - Unsat for S/N 7051 - Failed Friction. Replaced with previously service spare. Re-installed Snubber S/N 4765 - Functionlly tested OK.							
I601372	MSU-7 (BOTTOM/EAST)	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV439 Accept	MS	B-8
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 7047.							
I601409	MSU-15 (NORTH)	MECHANICAL SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV383 Accept VT 05GV393 Accept	MS MS	B-10A B-10A
Comments:	05- VT: Pre-Functional & Post-Functional exams were performed on Snubber MSU-15 North, S/N 7476, Required cold setting per IP IIT 5 rev 4 is 3 3/4", Actual 3 3/4" - Accept. Exams not required since MSU-15 North was not pulled for functional test, MSU-16 South was pulled- AR 2005-2756 generated.							
I601411	MSU-15 (NORTH)	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV455 Info	MS	B-10A
Comments:	05- FT: Functional test was not performed, MSU-16 South was pulled inadvertently, AR 2005-2756 was generated.							
I601420	MSU-16 (SOUTH)	MECHANICAL SNUBBER	SN-VT	VT	VT-106	VT 05GV457 Accept	MS	B-10A
Comments:	05- VT: Post-Functional, Required setting per ME 303 rev 4 is 4 3/16" +/- 10%, Actual was 4 1/8", No Tag on Support & Bird Feces noted on snubber - Acceptable							
I601422	MSU-16 (SOUTH)	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV456 Accept	MS	B-10A
Comments:	05- FT: Functionally Tested as part of Expansion - Results are Sat. Re-installed Snubber- S/N 7480, ref AR 2005-0443.							
I601460	MSU-25	MECHANICAL SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV395 Accept VT 05GV388 Accept	MS MS	B-10A B-10A
Comments:	05- VT: Pre-Functional - Snubber S/N 1465, Required cold setting per IP IIT 5 rev 4 is 1 3/4", Actual 2", bird feces noted on snubber - Accept. VT: Post-Functional - Snubber S/N 1465, Required cold setting 1 3/4", Actual 1 1/2", No Recordable Indications - Accept.							
I601461	MSU-25	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV440 Accept	MS	B-10A
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 1465. Part of Scope Expansion per AR 2005-0443.							
I601480	MSU-27	MECHANICAL SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV222 Accept VT 05GV384 Accept	MS MS	B-10A B-10A
Comments:	05- VT: Pre-Functional- Snubber S/N 9398, Required setting per IP IIT 5 rev 4 Hot 4 3/8", Actual 4 1/4", tag loose, bird feces - Accept. VT: Post-Functional- Snubber S/N 9398, Required cold setting 1 3/8", Actual 1 3/8". No Recordable Indications - Accept,							
I601481	MSU-27	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV441 Accept	MS	B-10A
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 9398.							

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

[illegible]

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I411800	AUX FW "B" PUMP	AFW SYSTEM LEAKAGE EXAMINATION	D-B	D2.XX	VT-109 VT-109	VT 05GV409 Accept VT 05GV410 Accept	AFW AFW	L-1 L-1
Comments:	05- VT-2: Leakage noted at Pump Casing Bolting due to gasket seepage, RE performed an Acceptance by Analytical Evaluation for the leakage at Pump Casing Bolting, Ref AR 2005-1773 & 2005-1775 - Acceptable							
I411900	AUX FW TURBINE DRIVEN PUMP	AFW SYSTEM LEAKAGE EXAMINATION	D-B	D2.XX	VT-109	VT 05GV417 Accept	AFW	L-1
Comments:	05- VT-2: Leakage noted at Pump Casing Bolting due to gasket seepage, RE performed an Acceptance by Analytical Evaluation for the leakage at Pump Casing Bolting, Ref AR 2005-1855 - Acceptable							
I414000	SERVICE WATER	OUTSIDE CONTAINMENT	D-B	D2.XX	VT-109 VT-109 VT-109	VT 05GV359 Accept VT 05GV010 Accept VT 05GV205 Accept	SW SW SW	L-1 L-1 L-1
Comments:	05- VT-2: Exan performed at 3 different times do to Valves not being aligned for normal operation - Acceptable							
I414100	SERVICE WATER TO	AUX FW PUMP "A"	D-B	D2.XX	VT-109	VT 05GV005 Accept	SW	L-1
Comments:	05- VT-2: No Recordable Indications - Leakage Exam Acceptable							
I415100	Diesel Gen. A	Diesel Gen. "A"	D-B	D2.XX	VT-109	VT 05GV207 Accept	DG	L-1
Comments:	05- VT-2: Performed on Coolant Water, Fuel Oil, Lube Oil & Starting Air Piping & Components - Minor Air leak at threaded connection up/st of V5933B, AR# 2004-1261 generated - Fittings tighten - Leakage Exam Acceptable							
I415200	Diesel Gen. B	Diesel Gen. "B"	D-B	D2.XX	VT-109	VT 05GV208 Accept	DG	L-1
Comments:	05- VT-2: No Recordable Indications - Leakage Exam is Acceptable.							
I415550	SPENT FUEL POOL COOLING-B	SFP COOLING SYSTEM LEAKAGE EXAMINATION	D-B	D2.XX	VT-109	VT 05GV038 Accept	SF	L-1
Comments:	05- VT-2: Noted components have Boric Acid: Valve 8669A (ref AR 2004-2030), V 8659 (ref AR 2004-2820), V 8667D (ref AR 2004-2026), V 782 (ref AR 2004-2024), "B" SFP pump (AR 2004-2023), Flg near V 799E (ref AR 2004-2031) - Leakage Exam Acceptable.							
I500105	DGIN-1A	RIGID SUPPORT (IA)	F-A	F1.30A	VT-106	VT 05GV229 Accept	DG	C-39
Comments:	05- VT: Poor workmanship was noted on welds - Ref NCR94-054 - Acceptable							
I500765	CCU-156	RIGID SUPPORT (IA)	F-A	F1.30A	VT-106	VT 05GV226 Accept	AC	C-6
Comments:	05- VT: No Recordable Indications - Acceptable. No ID tag.							
I500960	CCU-218 (IA)	INTEGRAL ATTACHMENT	D-A	D1.20	VT-103	VT 05GV220 Accept	AC	C-7
Comments:	05- VT: Intragal Attachment (IA) is not an IA, lugs left from initial construction. Component Support Drawing does not identify or require an IA. Remove from schedule.							
I500965	CCU-218	RIGID HANGER (IA)	F-A	F1.30A	VT-106	VT 05GV219 Accept	AC	C-7
Comments:	05- VT: No Recordable Indications - Accept.							
I501660	SWU-164 (IA)	INTEGRAL ATTACHMENT	D-A	D1.20	VT-103	VT 05GV203 Accept	SW	C-11
Comments:	05- VT: No Recordable Indications - Acceptable. Ref. WO # 20403212							

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #	
1501665	SWU-164	RIGID HANGER (IA)	F-A	F1.30B	VT-106	VT 05GV204	Accept	SW	C-11
Comments:	05- VT: No Recordable Indications - Acceptable. Ref. WO 20403212								
1505240	AFU-101	MECHANICAL SNUBBER	F-A	F1.30C	VT-106	VT 05GV035	Accept	AFW	C-1C
Comments:	05- VT: Required Cold setting per IP IIT 5 is 3", Actual setting is 3 3/8", Serial # 15751. No Recordable Indications - Acceptable								
1505410	AFU-43	RIGID RESTRAINT	F-A	F1.30A	VT-106	VT 05GV209	Accept	AFW	C-1D
Comments:	05- VT: No Recordable Indications - Acceptable								
1505480	AFU-50	GUIDE	F-A	F1.30B	VT-106	VT 05GV260	Accept	AFW	C-1A
Comments:	05- VT: No Recordable Indications - Acceptable								
1505920	AFU-83	RIGID RESTRAINT	F-A	F1.30A	VT-106	VT 05GV032	Accept	AFW	C-1
Comments:	05- VT: No Recordable Indications - Acceptable								
1505930	AFU-84	RIGID RESTRAINT	F-A	F1.30A	VT-106	VT 05GV036	Accept	AFW	C-1
Comments:	05- VT: No Recordable Indications - Acceptable								
1600260	AFU-52	MECHANICAL SNUBBER	SN-VT	VT	VT-106 VT-107	VT 05GV266 VT 05GV261	Accept Accept	AFW AFW	C-1A C-1A
Comments:	05- VT: Pre-Functional- Snubber S/N 24453, Required setting per IP IIT 5 Rev 4 is 1 7/8", Actual 1 3/4", No Recordable Indications - Accept. VT: Post-Functional- Required setting 1 7/8", Actual 1 3/4", No Recordable Indications - Accept. S/N 24453								
1600261	AFU-52	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV435	Accept	AFW	C-1A
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 24453.								
1601610	MSU-74	MECHANICAL SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV211 VT 05GV377	Accept Accept	MS MS	C-32 C-32
Comments:	05- VT: Pre-Functional- S/N 10066, Required hot setting per IP IIT 5 rev. 4 is 3 5/16 ", Actual 3 1/4". No Recordable Indications - Accept. VT: Post-Functional- S/N 10066, Required cold setting is 3", Actual cold setting 3 3/8". No Recordable Indications - Accept.								
1601611	MSU-74	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV443	Accept	MS	C-32
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 10066.								
1601650	MSU-82	MECHANICAL SNUBBER	SN-VT	VT	VT-106 VT-107	VT 05GV369 VT 05GV221	Accept Accept	MS MS	C-32 C-32
Comments:	05- VT: Pre-Functional- Snubber S/N 15768, Required setting per IP IIT 5 rev. 4 hot is 2 11/16", Actual 2 3/4". No Recordable Indications - Accept. VT: Post-Functional- Snubber S/N 15768, Required cold setting 2 1/2", Actual 2 3/8". No Recordable Indications - Accept.								
1601651	MSU-82	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV444	Accept	MS	C-32
Comments:	05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 15768.								

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
NonClass								
I411400	MS HIGH ENERGY	HE MS LEAKAGE EXAM	HE-LK	LEAK	VT-109	VT 05GV003 Accept	MS	L-1
Comments:	05- VT-2: Light rust noted on various valves - no degradation noted. Leakage Exam Acceptable							
I412200	HE FEEDWATER	HE FW LEAKAGE EXAMINATION	HE-LK	LEAK	VT-109	VT 05GV006 Accept	FW	L-1
Comments:	05- VT-2: Light Rust noted on various valves - no degradation. Leakage Exam Acceptable							
I700170	CVU-39	VARIABLE SPRING	SS-CS	SSF1.20	VT-106	VT 05GV394 Accept	CVCS-LTCA-23A	
Comments:	05- VT: Required Cold Setting per ME 303 Rev 5 is 107# - Actual 114# - No Recordable Indications - Acceptable.							
I700180	CVU-40	VARIABLE SPRING	SS-CS	SSF1.20	VT-106	VT 05GV316 Accept	CVCS-LTCA-23A	
Comments:	05- VT: Required setting per ME 303 rev 5 is 95# +/- 10%, actual is 103#, size of can per drawing states size 1, actual is size 2, ref AR 2005-1685, RE notified - use as is, this is the correct size can, Acceptable. DCR Generated by RE.							
I700480	MSU-52	RIGID SUPPORT & IA	SS-CS	SSF1.20	VT-106	VT 05GV374 Accept	MS	B-9A
Comments:	05- VT: No Recordable Indications - Acceptable							
Class Q								
I200275	C	PIPE-TO-ELBOW	HE-CB	CB	UT-209	UT 05GU008 Accept	MS	HE-7A
					VT-103	VT 05GV289 Accept	MS	HE-7A
					MT-105	MT 05GM002 Accept	MS	HE-7A
Comments:	05- VT: Undercut <1/32" - Accept. MT: No Recordable Indications - Accept. UT: Base Metal Lamination - performed 3/30/94. UT: PDI - Geometry Indication - Accept.							
I200280	C1	ELBOW-TO-PIPE	HE-CB	CB	VT-103	VT 05GV288 Accept	MS	HE-7A
					MT-105	MT 05GM004 Accept	MS	HE-7A
					UT-209	UT 05GU009 Accept	MS	HE-7A
Comments:	05, VT: Minor pitting on pipe <1/32" - Accept. MT: No Recordable Indications - Accept. UT: PDI - No Recordable Indications - Accept. Base Metal Lamination performed in 1995.							
I200285	D	PIPE-TO-ELBOW	HE-CB	CB	UT-209	UT 05GU012 Accept	MS	HE-7A
					MT-105	MT 05GM006 Accept	MS	HE-7A
					VT-103	VT 05GV265 Accept	MS	HE-7A
Comments:	05 - VT: Minor Pitting noted in base material <1/32" - Accept. MT: No Recordable Indications - Accept. UT: PDI - Geometry Indication noted - Accept. Base Metal Lamination performed in 1995.							

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Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I200320	M2	ELBOW-TO-PIPE	HE-CB	CB	MT-105 UT-209 VT-103	MT 05GM003 Accept UT 05GU010 Accept VT 05GV290 Accept	FW FW FW	HE-6 HE-6 HE-6
Comments: 05- VT & MT: No Recordable Indications - Accept. UT: PDI - ID Geometry, Intermittantly 360° - Accept. Utilized lamination scan from 1995.								
I201420	MS-45 (S21)	VARIABLE SPRING	HE-CS	HEF1.20	VT-106	VT 05GV381 Accept	MS	HE-7A
Comments: 05- VT: Required setting per ME 303 rev 5 cold is 5205 #'s, Actual 4733 #'s. No Recordable Indications - Acceptable.								
I201440	MS-46 (S22)	VARIABLE SPRING (IA)	HE-CS	HEF1.20	VT-106	VT 05GV382 Accept	MS	HE-7A
Comments: 05- VT: Required Cold Setting per ME 303 Rev 5 is 6721# - Actual 6574# - No Recordable Indications - Acceptable.								
I202220	FW-43 (S31)	VARIABLE SPRING	HE-CS	HEF1.20	VT-106	VT 05GV001 Accept	FW	HE-6
Comments: 05- VT: Required setting per ME 303 is 7962#, Actual is 8200#. No Recordable Indications - Acceptable. (Ref. WO 20303027).								
I601060	CVU-351	MECHANICAL SNUBBER	SN-VT	VT	VT-106 VT-107	VT 05GV239 Accept VT 05GV243 Accept	CVCS-LT	B-35 B-35
Comments: 05- VT: Pre-Functional - Snubber S/N 9472 - Required hot setting 7/8", Actual 1". Transition tube kit, pipe clamp & bolting have light to moderate rust. - Accept. VT: Post-Functional - Snubber S/N 9472 - Required cold setting 1 1/4", actual 1", no change from previous inspection - Accept.								
I601061	CVU-351	MECHANICAL SNUBBER	SN-FT	FT	FT	VT 05GV436 Accept	CVCS-LT	B-35
Comments: 05- FT: Functionally Tested- Results are Sat. Re-installed Snubber- S/N 9472.								
I602060	N608	HYDRAULIC SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV264 Accept VT 05GV303 Accept	PZR	S-2 S-2
Comments: 05- VT: Pre-Functional - Snubber S/N 6563, Required cold setting per IP IIT 5 rev. 4 is 3 5/8", Actual 3 7/8", No Recordable Indications - Accept. VT: Post-Functional - Snubber S/N 32844, Required cold setting is 3 5/8", Actual 4 3/8", No Recordable Indications - Accept.								
I602061	N608	HYDRAULIC SNUBBER	SN-FT	FT	FT	VT 05GV448 Accept	PZR	S-2
Comments: 05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N 32844.								
I602090	PS-2	HYDRAULIC SNUBBER	SN-VT	VT	VT-107 VT-106	VT 05GV263 Reject VT 05GV305 Accept	PZR	S-1 S-1
Comments: 05- VT: Pre-Functional -Snubber S/N PD-87239-1244 -Req. Cold setting per IP IIT 5 Rev 4 is 4 3/8", Actual 4 1/4", Fluid indicator -no green band showing -Rejected -AR 2005-1279 generated. Functionally tested -operable -Accept. VT: Post-Functional - same S/N - setting 4 1/8" & fluid level OK -Accept.								
I602091	PS-2	HYDRAULIC SNUBBER	SN-FT	FT	FT	VT 05GV449 Accept	PZR	S-1
Comments: 05- FT: Functionally Tested - Results are Sat. Re-installed Snubber- S/N PD 87239-1244.								
I700200	FWU-39	MECHANICAL SNUBBER & IA	SS-CS	SSF1.20	VT-106	VT 05GV210 Accept	FW	B-14
Comments: 05- VT: Snubber S/N 9354, Required setting per IP IIT 5 rev 4 is 3 1/8", Actual setting 3 1/2". No Recordable Indications - Acceptable								

Attachment 1A - ISI Report - 2005 Outage

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Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A
Commercial Service Date: 7/1/1970
National Board Number for Unit: N/A

Summary #	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO #
I700580	RHU-87	RIGID SUPPORT & IA	SS-CS	SSF1.20/VT-106	VT	05GV217 Accept	RHR	B-21
Comments: 05- VT: Heavy paint and light to medium rust noted, ID tag was painted - Acceptable								

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Plant Unit: 1

Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A	7/1/1970
N/A	

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A	7/1/1970
N/A	

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1950120	FLOOR @ 315-4	INT. BLDG. NORTH (NON-RAD AREA) CONCRETE SURFACE	L-A	L1.11	VT-113	VT 05GV024	Accept CONTAINMENT
Comments:	05- VT-3C: Exam performed on CV Concrete Surfaces, Ref WO 20303181, no change noted since last exam, Results of the Exam were reported to RPE for Review. Exam Acceptable per RPE						
1950130	ROOFTOP @ 336-6 (1B HIGH ROOF)	INT. BLDG. NORTH (NON-RAD AREA) CONCRETE SURFACE	L-A	L1.11	VT-113	VT 05GV011	Accept CONTAINMENT
Comments:	05- VT-3C: Exam performed on CV Concrete Surfaces, Ref WO 20303181, no change noted since last exam, Results of the Exam were reported to RPE for Review. Exam Acceptable per RPE						
1950140	BASEMENT FLOOR @ 258-8	AUX. BLDG. CONCRETE SURFACES	L-A	L1.11	VT-113	VT 05GV031	Accept CONTAINMENT
Comments:	05- VT-3C: Exam performed on CV Concrete Surfaces, Ref WO 20303181, minor changes were noted, Results of the Exam were reported to RPE for Review. Exam Acceptable per RPE						
1950150	INTERMEDIATE FLOOR @ 253-0	AUX. BLDG. CONCRETE SURFACES	L-A	L1.11	VT-113	VT 05GV015	Accept CONTAINMENT
Comments:	05- VT-3C: Exam performed on CV Concrete Surfaces, Ref WO 20303181, no changes were noted, Results of the Exam were reported to RPE for Review. Exam Acceptable per RPE						
1950160	OPERATING FLOOR @ 271-0	AUX. BLDG. CONCRETE SURFACES	L-A	L1.11	VT-113	VT 05GV030	Accept CONTAINMENT
Comments:	05- VT-3C: Exam performed on CV Concrete Surfaces, Ref WO 20303181, minor changes were noted, Results of the Exam were reported to RPE for Review. Exam Acceptable per RPE						
1950170	PLATFORM @ 311-6	AUX. BLDG. CONCRETE SURFACES	L-A	L1.11	VT-113	VT 05GV012	Accept CONTAINMENT
Comments:	05- VT-3C: Exam performed on CV Concrete Surfaces, Ref WO 20303181, minor changes were noted. Results of the Exam were reported to RPE for Review. Exam Acceptable per RPE						
1957001	#1	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV040	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets. Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957002	#2	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV044	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957003	#3	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV045	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base & lid - Sat, Oil Leakage - Sat, Upper & Lower Gaskets = lower gasket has minor checking- Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957004	#4	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV046	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base and lid - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat, Exam Acceptable per RPE Review						
1957005	#5	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV047	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957006	#6	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV048	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957007	#7	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV049	Accept CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A	7/1/1970
N/A	

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
I957008	#8	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV050 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957009	#9	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV051 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957010	#10	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV052 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957011	#11	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV053 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957012	#12	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV054 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust = minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minoe checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957013	#13	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV055 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957014	#14	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV056 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957015	#15	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV057 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957016	#16	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV058 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957017	#17	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV059 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957018	#18	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV060 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957019	#19	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV061 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957020	#20	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV062 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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N/A

7/1/1970

N/A

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
I957021	#21	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV063 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957022	#22	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV064 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957023	#23	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV065 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957024	#24	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV066 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957025	#25	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV067 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957026	#26	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV068 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957027	#27	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV069 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957028	#28	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV070 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957029	#29	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV071 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957030	#30	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV072 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957031	#31	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV073 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957032	#32	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV074 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957033	#33	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV075 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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N/A	7/1/1970
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Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1957034	#34	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV076 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957035	#35	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV077 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957036	#36	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV078 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957037	#37	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV079 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957038	#38	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV080 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957039	#39	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV081 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957040	#40	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV082 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957041	#41	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV083 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957042	#42	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV084 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957043	#43	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV085 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957044	#44	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV086 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications. Exam Acceptable per RPE Review						
1957045	#45	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV087 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957046	#46	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV088 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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Owner Certificate of Authorization
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National Board Number for Unit:

N/A	7/1/1970
N/A	

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
I957047	#47	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV089 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957048	#48	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV090 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957049	#49	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV091 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957050	#50	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV092 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957051	#51	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV093 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957052	#52	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV094 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957053	#53	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV095 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket, also curling upward at Southeast quadrant, the can appears to be off center to the Northwest - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957054	#54	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV096 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957055	#55	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV097 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat, No Recordable Indications. Exam Acceptable per RPE Review						
I957056	#56	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV098 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957057	#57	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV099 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957058	#58	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV100 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957059	#59	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV101 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A	7/1/1970
N/A	

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
I957060	#60	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV102 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957061	#61	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV103 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957062	#62	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV104 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957063	#63	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV105 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957064	#64	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV106 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957065	#65	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV107 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat, No Recordable Indications. Exam Acceptable per RPE Review						
I957066	#66	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV108 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957067	#67	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV109 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957068	#68	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV110 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957069	#69	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV111 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957070	#70	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV112 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957071	#71	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV113 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
I957072	#72	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV114 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1957073	#73	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV115 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957074	#74	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV116 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957075	#75	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV117 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957076	#76	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV118 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957077	#77	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV119 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications. Exam Acceptable per RPE Review						
1957078	#78	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV120 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957079	#79	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV121 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957080	#80	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV122 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957081	#81	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV123 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at lid bolting - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957082	#82	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV124 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957083	#83	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV125 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957084	#84	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV126 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957085	#85	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV127 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A

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N/A

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1957099	#99	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV141 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications. Exam Acceptable per RPE Review						
1957100	#100	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV142 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957101	#101	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV143 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957102	#102	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV144 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957103	#103	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV145 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957104	#104	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV146 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957105	#105	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV147 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications. Exam Acceptable per RPE Review						
1957106	#106	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV148 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957107	#107	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV149 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957108	#108	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV150 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications. Exam Acceptable per RPE Review						
1957109	#109	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV151 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957110	#110	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV152 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat, No Recordable Indications. Exam Acceptable per RPE Review						
1957111	#111	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV153 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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National Board Number for Unit:

N/A	7/1/1970
N/A	

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1957112	#112	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV154 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957113	#113	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV155 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957114	#114	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV156 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957115	#115	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV157 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957116	#116	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV158 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957117	#117	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV159 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications - Exam Acceptable per RPE Review						
1957118	#118	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV160 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957119	#119	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV161 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957120	#120	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV162 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957121	#121	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV163 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957122	#122	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV164 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. No Recordable Indications. Exam Acceptable per RPE Review						
1957123	#123	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV165 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957124	#124	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV166 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

Owner: R.E.Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario NY 14519
Plant: R.E.Ginna Nuclear Power Plant, 1503 Lake Road, Ontario NY 14519
Plant Unit: 1

<u>Owner Certificate of Authorization:</u>	N/A	
<u>Commercial Service Date:</u>		7/1/1970
<u>National Board Number for Unit:</u>	N/A	

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

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1957138	#138	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV180 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957139	#139	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV181 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957140	#140	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV182 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957141	#141	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV183 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957142	#142	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV184 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957143	#143	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV185 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957144	#144	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV186 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957145	#145	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV187 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957146	#146	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV188 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957147	#147	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV189 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957148	#148	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV190 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957149	#149	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV191 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957150	#150	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV192 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Can has Upper Gasket & no lower gasket - is a different style - upper & lower welded flange - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						

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Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1957151	#151	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV193 Accept	CONTAINMENT
Comments:	05- VT Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket- Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957152	#152	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV194 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - major checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957153	#153	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV195 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957154	#154	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV196 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957155	#155	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV197 Accept	CONTAINMENT
Comments:	05 - VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking & is curled up at the Southwest quadrant - can appears to be shifted to the Northeast - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957156	#156	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV198 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at the lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957157	#157	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV199 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - minor checking at the lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
1957158	#158	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV200 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Upper & Lower Gaskets - Sat, Vent - Sat, Bolting - Sat, No Recordable Indications. Exam Acceptable per RPE Review						
1957159	#159	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV201 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - Sat, Oil Leakage - Sat, Can has Upper Gasket only - different style - no lower gasket - Sat, Vent - Sat, Bolting - Sat, Upper & Lower Flanges are welded. No Recordable Indications. Exam Acceptable per RPE Review						
1957160	#160	TENDON GREASE CAP	L-GC	GC-1	VT-113	VT 05GV202 Accept	CONTAINMENT
Comments:	05- VT: Performed on Tendon Grease Cans & Gaskets, Paint & Rust - minor rust at can base - Sat, Oil Leakage - Sat, Upper & lower gasket - Sat, Vent - Sat, Bolting - Sat. Exam Acceptable per RPE Review						
Class MC							
1900002	SUMP A LINER	CONTAINMENT SUMP A LINER	E-A	E1.11	VT-112	VT 05GV402 Reject	CONTAINMENT
					VT-112	VT 05GV398 Reject	CONTAINMENT
Comments:	'05- VT: Failed coating noted & documented. Rej. -AR# 2005-1624 generated. UT readings taken under Summary # N05442. Lowest readings: N. wall top=.270", N. wall bottom=.140", W. wall bottom=.130". Accept per AR#2003-2505. Areas left unpainted due to cavity leakage- clean & recoat in 06 RFO when dry.						
1900222	PEN. CE9	PEN CE9 ELECTRICAL PEN.	E-A	E1.11	VT-112	VT 05GV427 Accept	ELECTRICAL PEN.
Comments:	05- VT: General Visual - Outside - No Recordable Indications - Acceptable						

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A	7/1/1970
N/A	

[illegible]

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A	7/1/1970
N/A	

Sum #	Comp ID	Comp Desc.	Cat. #	Item #	Procedure	Method/Sheet/Results	System
1903156	PEN. CE11	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV330 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903158	PEN. CE12	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV331 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903160	PEN. CE13	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV332 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903162	PEN. CE14	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV333 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903164	PEN. CE15	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV334 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903166	PEN. CE16	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV335 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903168	PEN. CE17	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV336 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903170	PEN. CE18	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV337 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903172	PEN. CE19	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV338 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable.						
1903174	PEN. CE20	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV339 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1903176	PEN. CE21	BOLTING, 16 - 1 1/8"	E-G	E8.10	VT-112	VT 05GV340 Accept	ELECT. PEN. BOLTING
Comments:	05- VT-1: No Recordable Indications - no change from previous inspection - Acceptable						
1904300	SEALS AND GASKETS	CONTAINMENT VESSEL	E-P	E9.40	VT-109	VT 05GV412 Accept	CONTAINMENT
Comments:	05- Appendix J Testing - See attached listing of performed PT & PTT Tests that were performed and Acceptable. Also, see Attachment 1C of the 2005 90 Day Report.						

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Owner Certificate of Authorization
Commercial Service Date:
National Board Number for Unit:

N/A

7/1/1970

N/A

[illegible]

Attachment 1C

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Inservice Inspection Report

First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario New York 14519
2. Plant: R. E. Ginna Nuclear Power Plant, 1503 Lake Road, Ontario New York 14519
3. Plant Unit: 1
4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date: 7/01/1970
6. National Board Number for Unit: N/A

2005 Class MC Appendix J Components:

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
I904300	Pen. AE-1 AE-2, AE-3 AE-4, AE-5 AE-6, AE-7 AE-8, AE-9 AE-10, AE-11 AE-12, AE-13 AE-14	Electrical Manifold III, PT-22.20	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 0.0 SCCM-Passed. See Record Category 1.0 for completed PT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
I904300	Pen. 2	S/G Communication Flange (Inside), PTT-23.53.1	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 4.0 SCCM-Passed. See Record Category 1.0 for completed PTT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
I904300	Pen. 2	S/G Communication Flange (Outside), PTT-23.53.2	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 10.0 SCCM-Passed. See Record Category 1.0 for completed PTT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
I904300	Pen. 29	Fuel Transfer Flange, PTT-23.54	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 0.0 SCCM-Passed. See Record Category 1.0 for completed PTT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
I904300	Pen. 204	Purge Supply Flange, PTT-23.35.1	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 2.0 SCCM-Passed. See Record Category 1.0 for completed PTT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
I904300	Pen. 300	Purge Exhaust Flange, PTT-23.36.1	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 0.0 SCCM-Passed. See Record Category 1.0 for completed PTT Appendix J Test Results

Attachment 1C

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Inservice Inspection Report

First Interval (1997-2008), Second Period, Third Outage (2005) – IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Road, Ontario New York 14519
2. Plant: R. E. Ginna Nuclear Power Plant, 1503 Lake Road, Ontario New York 14519
3. Plant Unit: 1
4. Owner Certificate of Authorization (If Req.) N/A
5. Commercial Service Date: 7/01/1970
6. National Board Number for Unit: N/A

2005 Class MC Appendix J Components:

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
1904300	Pen. 1000	Personnel Hatch Door Seal, PT-22.2	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: Inner Door - 65.0 SCCM, Outer Door – 0.0 SCCM, -Passed. See Record Category 1.0 for completed PT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
1904300	Pen. 2000	Equipment Hatch O-Ring, PT-22.7	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: 740.0 SCCM-Passed. See Record Category 1.0 for completed PT Appendix J Test Results

<u>Summary No.</u>	<u>Component ID</u>	<u>Component Description</u>	<u>Category</u>	<u>Item No.</u>	<u>Iso Dwg Number</u>
1904300	Pen. 2000	Equipment Hatch Door Seal, PT-22.1	E-P	E9.40	----

Method: Appendix J Test - Accept.

Comments: Inner Door - 750.0 SCCM, Outer Door – 740.0 SCCM, -Passed. See Record Category 1.0 for completed PT Appendix J Test Results

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

ASME Section XI Repair and Replacement Program Report (NIS-2)

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

1. Owner R. E. Ginna Nuclear Power Plant, LLC Date 16 June 2005
Name
1503 Lake Road, Ontario, New York 14519
Address
2. Plant R. E. Ginna Nuclear Power Plant Unit 1
Name
1503 Lake Road, Ontario, NY 14519 Address
(*)
Repair/Replacement Organization P.O. No, Job No, etc.
3. Work Performed by (*) Type Code Symbol Stamp N/A
Name
(*) Authorization No. N/A
Address Expiration Date N/A
4. Identification of System (*)
5. (a) Applicable Construction Code (*) 19 (*) Edition, (*) Addenda, (*) Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1995 Edition, 1996 Addenda (Class 1,2,3)
1992 Edition, 1992 Addenda (IWF/IWI)

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

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

Note: Supplemental sheets in form of list, 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 the sheets is recorded at the top of this form.

(*) See "Attachment II" for Applicable Information

This Form (E00030) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-2 (Back)

9. Remarks (*)

Application Manufacturer's Data Report to be attached

CERTIFICATE OF COMPLAINE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/A Expiration Date N/A

Signed Frank A. Klepacki Date 16 June 2005
 Frank A. Klepacki - ISI Engineer
 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 Inspection and the State or Province of N/A and employed by ABS of Houston, TX have inspected the components described in this Owner's Report during the period 12/02/2003 to 6/16/2005, and state that to the best of my knowledge and belief, the Owner has performed examination and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examination 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.

James Longmeyer Commissions NB10195 AK-II
 Inspector's Signature National Board, State, Province, and Endorsements

Date June 16, 20 05

(*) See "Attachment II" for Applicable Information

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

REPAIR, REPLACEMENT and MODIFICATION PROGRAM

The Repair and Replacement (R&R) Program, as identified within the "Fourth Interval Inservice Inspection (ISI) Program", identifies component jurisdiction and associated requirements. Applicable Repair or Replacement activities have been performed in accordance with ASME Section XI Code, 1995 Edition, 1996 Addenda or the 1992 Edition with 1992 Addenda for IWE/IWL (Containment).

When an item under the rules and requirements of the "Inservice Inspection (ISI) Program" is found deficient, an Engineering "use-as-is" evaluation may result. This determination is indicated within the ISI Program Summary, "Attachment I", for the applicable component within this report. If the deficiency results in a Code Repair or Replacement; 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 R&R 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 have additional expanded examinations performed, as required. The associated expanded examinations shall be performed in accordance to the requirements of ASME Section XI Code.

A "Code Rejectable Indication" occurs when a component under the R&R 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 replacement activity identified during ISI preservice examinations or component damage caused by human involvement.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

A "Corrective Action Activity" may occur when a component under the R&R Program requires corrective action. This corrective action may be a result from a maintenance operation that identifies a need to perform a Code Repair or Replacement. 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 or Replacement activities. Each group is identified by a number, and the number will correspond to the groups' name and address. In the below listing of Code Repairs or Replacements; the work group will be identified by a number within the component discussion.

- | | |
|--|---|
| 1. R. E. Ginna Nuclear Power Plant, LLC
1503 Lake Road
Ontario, NY 14519 | 4. Southeast Valve Inc.
PO Box 7850
Charlotte, NC 28241 |
| 2. The Atlantic Group, Inc.
5426 Robin Hood Rd.
Norfolk, Va. 23513 | |
| 3. Portersville Valve Co.
PO Box 89
Portersville, PA. 16051 | |

The following information will report applicable Repairs or Replacements performed at R. E. Ginna Nuclear Power Plant during this reporting period as required by ASME Section XI Code. It should be noted that the first two numbers contained within the "GORR Number" identifies the outage number and not the year of the outage.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

1. ASME Class: 2 System: RHR GORR No.: 31-001
Line: 10" Category: Corrective Action Activity
Construction Code: ASME III NF '74/'95/'96, EWR-2512, ME-318
Work Performed By: 1
Name of Component: Component Support RHU-75 Modification
Work Description/Remarks: A Section XI Code replacement activity was initiated to extend the support base plate and install new hilti bolts. This activity was controlled by WO # 20300818, TE 2003-0035 & Action Report 2003-0614. Upon completion of this code activity, construction code VT and MT examinations were performed and acceptable. ASME Section XI VT baseline examination was performed and acceptable. See NDE Summary # R03010 and I131710.
2. ASME Class: 3 System: CCW GORR No.: 31-002
Line: 1 ½" Category: Code Service Induced Rejectable Indication
Construction Code: ASME III '92/'95/'96
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: Repair of Fillet Weld by V775C
Work Description/Remarks: A Section XI Code activity was initiated to repair by metal removal a weld defect on a 1 ½" line by Valve 775C. This activity was controlled by WO # 20300658 & Action Report 2003-0491. Upon completion of a code repair, construction code VT examination was performed and acceptable. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05002.
3. ASME Class: 2 System: CVCS GORR No.: 31-003
Component: PCH01C Category: Corrective Action Activity
Construction Code: ME-318, Westinghouse G-676370, ASME III '65/'86/'92/'95/'96.
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: Valve Seat on "C" Charging Pump.
Work Description/Remarks: A Replacement activity was initiated to remove and install two (2) valve seats on the "C" Charging Pump. This activity was controlled by Work Order # 20303459 and Action Report Number 2003-3371. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05050.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

4. ASME Class: 2 System: CVCS GORR No.: 31-004
Component: PCH01A Category: Corrective Action Activity
Construction Code: ME-318, Westinghouse G-676370, ASME III '65/'86/'92/'95/'96.
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: Valve Seat on "A" Charging Pump.
Work Description/Remarks: A Replacement activity was initiated to remove and install six (6) valve seats on the "A" Charging Pump. This activity was controlled by Work Order # 20400470 and Action Report Number 2004-0227. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05046.
5. ASME Class: 3 System: DG GORR No.: 31-005
Line: 2 ½" Category: Corrective Action Activity
Construction Code: B31.1 1955, B16.34, ASME III '92/'95/'96
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: Relief Valve 5989 Mechanical Replacement
Work Description/Remarks: A Section XI Code like-for-like replacement activity was initiated to perform a mechanical replacement of relief valve 5989. This activity was controlled by WO # 20400965. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05004.
6. ASME Class: 3 System: AFW GORR No.: 31-006
Component: PAF01B Category: Corrective Action Activity
Construction Code: Westinghouse G-676262, Gilbert SP-5291, B31.1 1955,
ME-318, ASME III '92/'95/'96
Work Performed By: 1
Name of Component: AFW Pump "B" Suction Flange Bolting Replacement
Work Description/Remarks: A Like for Like replacement activity was initiated to install new suction flange bolting on the Auxiliary Feed Water Pump "B". This activity was controlled by WO # 20302896.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC. 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

7. ASME Class: 2 System: SI GORR No.: 31-007
Component: PSI01B Category: Corrective Action Activity
Construction Code: Westinghouse G-676262, Gilbert SP-5291, B31.1 1955,
ME-318, ASME III '92/'95/'96
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: SI Pump "B" Suction Flange Bolting Replacement
Work Description/Remarks: A Like for Like replacement activity was initiated to install new 4" suction flange bolting on the Safety Injection Pump "B". This activity was controlled by WO # 20300864. An ASME Section XI VT-2 Leakage examination was performed and acceptable but was not required. See NDE Summary # R05007.
8. ASME Class: 3 System: SFPC GORR No.: 31-008
Component: EAC14 Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, ASME VIII '92, NBIC '92, ASME III '92/'95/'96,
ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: Spent Fuel Pool Heat Exchanger shell coupling (2 ½") and associated
pipe insert (2") Replacement
Work Description/Remarks: A replacement activity was initiated to install a new 2 ½" shell coupling and a 2" pipe insert associated with the Spent Fuel Pool Heat Exchanger EAC14. This activity was controlled by WO # 20402451 & PCR 2004-0027. Construction Code MT and VT examinations were performed on associated required root and final welds and acceptable. An ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05008.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT II

9. ASME Class: 2 System: CS GORR No.: 31-009
Component: PSI02B Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, B31.1 1955, ME-318, ASME III '95/'96
Work Performed By: 1
Name of Component: CS Pump "B" Discharge Flange Bolting Replacement
Work Description/Remarks: A Like for Like replacement activity was initiated to install new discharge flange bolting on the Containment Spray Pump "B". This activity was controlled by WO # 20401581 and Action Report 2004-0706.
10. ASME Class: 2 System: CVCS GORR No.: 31-010A/B
Component: V296, CVU-63 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Associated 2" piping and Valve 296 Replacement. Removed and reinstall Component Support CVU-63 by welding to obtain access to Valve 296.
Work Description/Remarks: A Like for Like replacement activity was initiated to install new 2" piping and valve 296. Component Support CVU-63 was removed and reinstalled by welding to obtain access to valve 296. This activity was controlled by WO # 20302819. Construction Code PT and VT examinations were performed and acceptable on piping welds. Construction Code VT examination was performed and acceptable on the support welds. ASME Section XI baseline component support VT examination and a VT-2 Leakage examination on piping welds were performed and acceptable. See NDE Summary # R05024.
11. ASME Class: 1 System: RCS GORR No.: 31-011
Line: 29" Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Reapplication of Seal Weld associated with TE-401A.
Work Description/Remarks: A Section XI Code Repair activity was initiated to re-apply a Seal Weld associated with TE-401A replacement. This activity was controlled by WO # 20500374, TSR 2005-0032 & TE-97-006. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05028.

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12. ASME Class: 1 System: RCS GORR No.: 31-012
Line: 29" Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Reapplication of Seal Weld associated with TE-408A.
Work Description/Remarks: A Section XI Code Repair activity was initiated to re-apply a Seal Weld associated with TE-408A replacement. This activity was controlled by WO # 20302867, TSR 2005-0032 & TE-97-006. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05030.
13. ASME Class: 1 System: RCS GORR No.: 31-013
Line: 29" Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Reapplication of Seal Weld associated with TE-402A.
Work Description/Remarks: A Section XI Code Repair activity was initiated to re-apply a Seal Weld associated with TE-402A replacement. This activity was controlled by WO # 20401588, TSR 2005-0032 & TE-97-006. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05029.
14. ASME Class: 3 System: SW GORR No.: 31-014
Component: Valve 4734 Category: Corrective Action Activity
Construction Code: Westinghouse Specification G-676262, Gilbert SP-5291, B31.1 1955, ME-318, ASME III '95/'96
Work Performed By: 3
Name of Component: Valve 4734 Flange Bolting Replacement
Work Description/Remarks: A Like for Like replacement activity was initiated to install new flange bolting associated with 14" Valve 4734. This activity was controlled by WO # 20203789 and Action Report 2004-1604.

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15. ASME Class: 3 System: SW GORR No.: 31-015
Line: 2 ½" Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, B31.1 '55, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Valve 4624 Replacement.
Work Description/Remarks: A Like for Like replacement activity was initiated to install a new 2 ½" valve 4624. This activity was controlled by WO # 20302590. Construction Code MT and VT examinations were performed and acceptable. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05039.
16. ASME Class: 3 System: AFW GORR No.: 31-016
Component: PAF01A, PAF01B Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Flange Bolting and 2" Recirculation Piping on AFW Pumps "A" & "B" Replacement.
Work Description/Remarks: A Like for Like replacement activity was initiated to install new flange bolting and 2" recirculation piping on AFW Pumps "A" and "B". This activity was controlled by WO # 20403110, 20400903 and PCR 2003-0043. Construction Code VT examinations were performed and acceptable. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary #'s R05017 & R05018.
17. ASME Class: 3 System: SW GORR No.: 31-017
Component: 4620 Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, B31.1 '55, ASME III '95/'96, ME-318
Work Performed By: 1
Name of Component: Flange Bolting Replacement on Valve 4620.
Work Description/Remarks: A Like for Like replacement activity was initiated to install new 7/8" flange bolting on 14" Valve 4620 one at a time. This activity was controlled by WO # 20403212 and Action Report 2004-1859.

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18. ASME Class: 3 System: SW GORR No.: 31-018
Component: V4620, SWU-164 Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, EWR-2512, B31.1 '55, ASME III '92/'95/'96,
ASME III NF '74, ME-318, ME-121
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: 10"/14" piping replacement downstream of Valve 4620 & re-
attachment of Integral Attachment associated with component support
SWU-164.
Work Description/Remarks: A replacement activity was initiated to install new 10" and 14"
piping downstream of Valve 4620 and the re-attachment of integral attachment associated
with component support SWU-164. This activity was controlled by WO # 20403212, TE
2000-0047 and Action Report 2001-1205. Construction Code VT and RT examinations were
performed and acceptable on piping welds. Construction Code VT examination was
performed and acceptable on the integral attachment associated with component support
SWU-164. ASME Section XI baseline component support VT examination and integral
attachment examination was performed under ISI Summary Number I501660 & I501665.
ASME Section XI VT-2 Leakage examination on piping welds were performed and
acceptable. See NDE Summary # R05033.
19. ASME Class: 2 System: CVCS GORR No.: 31-019
Component: PCH01B Category: Corrective Action Activity
Construction Code: ME-318, Westinghouse G-676370, ASME III '65/'86/'92/'95/'96.
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-1
Name of Component: Valve Seat on "B" Charging Pump.
Work Description/Remarks: A Replacement activity was initiated to remove and install
valve seats on the "B" Charging Pump. This activity was controlled by Work Order #
20403564 and Action Report Number 2004-2174. ASME Section XI VT-2 Leakage
examination was performed and acceptable. See NDE Summary # R05051.

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20. ASME Class: 2 System: CVCS GORR No.: 31-020
Component: FE 116A Category: Corrective Action Activity
Construction Code: Westinghouse G-676262, Gilbert SP-5291, B31.1 '55,
ASME III '92/'95/'96, ME-318
Work Performed By: 1
Name of Component: Flange Bolting Replacement on FE 116A.
Work Description/Remarks: A Like for Like replacement activity was initiated to install new flange bolting on FE 116A. This activity was controlled by WO # 20400186 and Action Report 2004-0128.
21. ASME Class: 3 System: SW GORR No.: 31-021
Component: SWU-531, SWU-582 Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74, ME-318, ME-121
Work Performed By: 1
Name of Component: Nut Replacement on Component Supports SWU-531 & SWU-582.
Work Description/Remarks: A Like for Like nut replacement activity was initiated to install new nuts on Component Supports SWU-531 & SWU-582. This activity was controlled by WO # 20401904. VT examinations were performed and acceptable. See NDE Summary #'s R05012 & R05013.
22. ASME Class: 1 System: CVCS GORR No.: 31-022/022A
Component: V9314 Category: Code Rejectable Indication
Construction Code: Westinghouse G-676343, G-676496; EWR-2512, B31.1 '67/'73,
ASME III '95/'96, ME-318
Work Performed By: 1
Name of Component: Repair Seal Weld on Valve 9314 and installation (Replacement)
of ½" drain line. .
Work Description/Remarks: A Repair activity was initiated to reapply a Seal Weld on Valve 9314 and a Replacement activity to install a ½" drain line due to a gasket leak. This activity was controlled by WO # 20403953, Action Report 2004-2510, TE 2004-0030 and TM 2004-0013. Construction Code PT and VT examinations were performed and acceptable. See NDE Summary # R05014.

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23. GORR No.: 31-023 Cancelled

24. ASME Class: 1 System: CVCS GORR No.: 31-024
Component: V9315 Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Seal Weld Valve 9315.
Work Description/Remarks: A Section XI Code Repair activity was initiated to Seal Weld 2" Valve 9315. This activity was controlled by WO # 20403951, TE 2004-0030 and Action Report 2004-2510. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05015.

25. ASME Class: 3 System: DG GORR No.: 31-025
Component: V 5990 Category: Corrective Action Activity
Construction Code: B31.1 '55, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Relief Valve 5990 Replacement.
Work Description/Remarks: A Like for Like replacement activity was initiated to install a 2 ½" relief valve 5990 by mechanical means. This activity was controlled by WO # 20401007. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05052.

26. ASME Class: 3 System: DG GORR No.: 31-026
Component: V 5959 Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, B31.1 '55, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Relief Valve 5959 Replacement.
Work Description/Remarks: A Like for Like replacement activity was initiated to install a 1 ½" relief valve 5959 by mechanical means. This activity was controlled by WO # 20401005. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05053.

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27. GORR No.: 31-027 Cancelled

28. ASME Class: 1 System: RHR GORR No.: 31-028
Line: ¾" Category: Corrective Action Activity
Construction Code: Westinghouse G-676343, G-676496; B31.1 '55, B16.5,
ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace ¾" line Flange & 3/8" Connection downstream of Valve
852C.
Work Description/Remarks: A Like for Like replacement activity was initiated to install a
¾" line Flange and 3/8" connection downstream of Valve 852C. This activity was controlled
by WO # 20303108. Construction Code VT and PT examinations were performed and
accepted. ASME Section XI VT-2 Leakage examination was performed and acceptable
under PT-7 but was not required by code. See NDE Summary # R05021.

29. GORR No.: 31-029 Cancelled

30. ASME Class: 2 System: CCW GORR No.: 31-030
Component: LAC01, V2752, V2753 Category: Corrective Action Activity
Line: 4", 3" & 2" (Flange Bolting)
Construction Code: Gilbert SP-5291, B31.1 '55, ASME III '95/'96, ME-318
Work Performed By: 1
Name of Component: Flange Bolting Replacement on LAC01, V2752, V2753 and 4", 3", &
2" Flanges.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to
install new flange bolting on component LAC01, Valve 2752, Valve 2753 and 4", 3" and 2"
Flanges. This activity was controlled by WO # 20403934.

31. GORR No.: 31-031 Cancelled

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32. ASME Class: 2 System: RHR GORR No.: 31-032
Component: FE 672 Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, B31.1 '55, ASME III '95/'96, ME-318
Work Performed By: 1
Name of Component: Bolting Replacement on FE 672.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install new bolting on FE 116A. This activity was controlled by WO # 20402941.
33. ASME Class: 2 System: SW GORR No.: 31-033
Component: V4619 Category: Corrective Action Activity
Construction Code: Gilbert SP-5291, B31.1 '55, ASME III '95/'96, ME-318
Work Performed By: 1
Name of Component: Bolting Replacement on Valve 4619.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install new bolting on 14" Valve 4619. This activity was controlled by WO # 20403055 and Action Report 2004-1859.
34. ASME Class: 2 System: CVCS GORR No.: 31-034A
Component: CVU-414, CVU-415 Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74, ME-318, ME-121
Work Performed By: 1
Name of Component: Nut Replacement on Component Supports CVU-414 & CVU-415.
Work Description/Remarks: A Like for Like nut replacement activity was initiated to install new nuts on Component Supports CVU-414 & CVU-415. This activity was controlled by Action Report 2004-1070 and WO #'s 20401160 & 20402269. ASME Section XI baseline VT examinations were performed and acceptable. See ISI Summary #'s I077800 & I077900.

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35. ASME Class: 2 System: CVCS GORR No.: 31-035
Component: V294, CVU-59 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, ASME III '92/'95/'96, ASME III NF '74, ME-318, ME-121
Work Performed By: 2
Name of Component: Replacement of Hilti Bolting on CVU-59 and Bonnet, Cage & Plug on V294.
Work Description/Remarks: A Like for Like replacement activity was initiated to install new hilti bolting on Component Supports CVU-59 which had its base plate rotated. Also, Valve 294 had its bonnet, cage and plug replaced. This activity was controlled by Action Report 2004-3027 and WO # 20404087. ASME Section XI VT-2 leakage examination was performed and acceptable. ASME Section XI baseline VT examination was performed and acceptable. See ISI Summary # I050966 & NDE Summary # R05048.
36. ASME Class: 1 System: RC GORR No.: 31-036
Component: V509, V511, V534, V952 Category: Corrective Action Activity
Construction Code: ASME III '92/'95/'96,
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Repair undersize welds on ¾" line for valves 509, 511, 534 & 952.
Work Description/Remarks: A Repair activity was initiated to address undersize ¾" line welds on Valves 509, 511, 534 and 952. This activity was controlled by Action Report 2003-2566 and WO # 20303256. Construction Code VT and PT examinations were performed and acceptable. ASME Section XI VT-2 leakage examination was performed and acceptable. See NDE Summary # R05041.
37. ASME Class: 3 System: MS GORR No.: 31-037
Component: V3519 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '95/'96, ME-318
Work Performed By: 2
Name of Component: Disc Pin Replacement on Valve 3519.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install a new disc pin on 30" Valve 3519. This activity was controlled by WO # 20302604.

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38. ASME Class: 3 System: SW GORR No.: 31-038
Component: V4579, V4579A, V4579B Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.15, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace Valves 4579, 4579A, 4579B & associated 1 ½" Piping.
Work Description/Remarks: A Replacement activity was initiated to install valves 4579, 4579A, 4579B and associated 1 ½" copper Piping. This activity was controlled by Action Reports 2004-0452, 2004-3256, 2004-3224, TE 2004-0036 and WO # 20400943.
Construction Code VT examinations were performed and acceptable. ASME Section XI VT-2 leakage examination was performed and acceptable. See NDE Summary # R05016.
39. ASME Class: 3 System: AFW GORR No.: 31-039
Component: PAF01A Category: Corrective Action Activity
Construction Code: Worthington Pump VM-W318-0017, Gilbert BM-22698, ASME III '74
Work Performed By: 1
Name of Component: Installation of Copper Washers on AFW Pump "A" Casing Studs.
Work Description/Remarks: A mechanical replacement activity was initiated to install copper washers on the casing studs on the Auxiliary Feed Water Pump "A" (PAF01A). This activity was controlled by WO # 20402407 and Action Report 2004-1137. ASME Section XI VT-2 leakage examination was performed and acceptable. See ISI Summary # I411700.
40. ASME Class: 3 System: SFP GORR No.: 31-040
Component: PAC07B Category: Corrective Action Activity
Construction Code: EWR-1594, ASME III '77/'78/'95/'96, ME-318
Work Performed By: 1
Name of Component: Flange Bolting Replacement on Spent Fuel Pool Recirculation Pump "B".
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install new flange (8" & 6") bolting on the Spent Fuel Pool Recirculation Pump "B". This activity was controlled by WO # 20403802.

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41. ASME Class: 3 System: MS GORR No.: 31-041
Component: V8527 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '55, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace Valve 8527
Work Description/Remarks: A Like for Like Replacement activity was initiated to install a new 1 ½" valve 8527. This activity was controlled by Action Report 2004-2001 and WO # 20403323. Construction Code VT examinations were performed and acceptable. ASME Section XI VT-2 leakage examination was performed and acceptable. See NDE Summary # R05019.
42. ASME Class: 2 System: FW GORR No.: 31-042/042A
Component: V3993 Category: Corrective Action Activity
Construction Code: B31.1 '55, ASME III '95/'96,
Work Performed By: 4
Name of Component: Repair of Valve Body Base Metal, Disc and Guides Hardfacing of Valve 3993.
Work Description/Remarks: A Repair activity was initiated to weld repair the valve body base metal and hardfacing of the disc and guides associated with the 14" valve 3993. This activity was controlled by WO # 20400503. Construction Code VT and PT examinations were performed on the valve body and acceptable. Construction Code VT and PT examinations were performed on the hardfaced disc and guides and acceptable. See NDE Summary # R05043.
43. ASME Class: 1 System: CVCS GORR No.: 31-043
Component: V9315 Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Seal Weld on Valve 9315.
Work Description/Remarks: A Section XI Code Repair activity was initiated to re-apply a Seal Weld associated with a 2" Valve 9315. This activity was controlled by WO # 20402897 and TE 2004-0030. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05032.

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44. ASME Class: 1 System: CVCS GORR No.: 31-044
Component: V9314 Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Seal Weld on Valve 9314.
Work Description/Remarks: A Section XI Code Repair activity was initiated to re-apply a Seal Weld associated with a 2" Valve 9314. This activity was controlled by WO # 20404124 and TE 2004-0030. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05031.
45. ASME Class: 1 System: CVCS GORR No.: 31-045
Component: V295 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace Valve 295 & associated 2" piping.
Work Description/Remarks: A Code Replacement activity was initiated to install a new 2" valve 295 with associated piping. This activity was controlled by Action Report 2004-2728, TE 2005-0005 and WO # 20404094. Construction Code VT and PT examinations were performed and acceptable. ASME Section XI VT-2 leakage examination was performed and acceptable. See NDE Summary # R05034. ASME Section XI baseline PT examinations were performed and acceptable. See ISI Summary #'s I050750, I 050800, I050885 & I050888.
46. ASME Class: 2 System: FW GORR No.: 31-046/046A
Component: V3992 Category: Corrective Action Activity
Construction Code: B31.1 '55, ASME III '95/'96,
Work Performed By: 4
Name of Component: Repair of Valve Body Base Metal & Hardface Disc on Valve 3992.
Work Description/Remarks: A Repair activity was initiated to weld repair the valve body base metal and hardfacing of the disc associated with the 14" valve 3992. This activity was controlled by WO # 20400502. Construction Code VT and PT examinations were performed on the valve body and acceptable. Construction Code PT examination was performed on the hardfaced disc and acceptable. See NDE Summary # R05036.

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1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
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ATTACHMENT II

47. ASME Class: 2 System: RHR GORR No.: 31-047
Component: PAC01B Category: Corrective Action Activity
Construction Code: ASME III '65
Work Performed By: 1
Name of Component: Repair of RHR Pump "B" Gland by Machining & inserting a ½" Tap within the Pump Casing.
Work Description/Remarks: A Repair activity was initiated to machine a Gland and relocating an ½" tap hole within the pump casing. This activity was controlled by WO # 20404459 and TE 2004-0136. Construction Code VT and PT examinations were performed on the valve body and acceptable. Construction Code PT examination was performed on the hardfaced disc and acceptable. See NDE Summary # R05036.
48. ASME Class: 2 System: RHR GORR No.: 31-048
Component: RHU-92 Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74, MSS SP-58
Work Performed By: 1
Name of Component: Snubber Replacement on Component Support RHU-92
Work Description/Remarks: A Like for Like Replacement activity was initiated to install a new Snubber for Component Support RHU-92 located on a 6" line. This activity was controlled by WO # 20501165. ASME Section XI VT baseline examination was performed and acceptable. See ISI Summary # I130150 & I601800.
49. ASME Class: 1 System: RCS GORR No.: 31-049
Component: PRC01A, PRC01B Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74/'86/'95/'96
Work Performed By: 1
Name of Component: Support Replacement on Reactor Coolant Pump "A" & "B"
Work Description/Remarks: A Replacement activity was initiated to modify the supports on the Reactor Coolant Pumps ("A" & "B") by adding welded gussets to the existing base plate and "I" beam. This activity was controlled by WO # 20402521 and PCR 2004-0030. Construction Code VT and MT examinations were performed and acceptable. See NDE Summary # R05027. ASME Section XI VT baseline examinations were performed and acceptable. See ISI Summary # I057310, I057320, I057330, I058130, I058140 & I058150.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

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ATTACHMENT II

50. ASME Class: 2 System: RHR GORR No.: 31-050A/B
Component: V856, RHU-79 Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74/'95/'96, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Repair by Seal Welding Valve 856, Removal & Reinstallation of
Component Support RHU-79 by welding to obtain access to
Valve 856.
Work Description/Remarks: A Repair activity was initiated to seal weld 10" Valve 856. A
Replacement activity was also performed to remove and reinstall by welding Component
Support RHU-79 that was needed to be removed to gain access to Valve 856. This activity
was controlled by WO # 20501522 and Action Report 2005-0788. Construction Code PT
and VT examinations were performed and acceptable on the seal weld. Construction Code
VT examination was performed and acceptable on the support welds. ASME Section XI
baseline component support VT examination was performed and acceptable under ISI
Summary # I130450. An ASME Section XI VT-2 Leakage examination was performed and
acceptable but not required. See NDE Summary # R05022.
51. ASME Class: 1 System: CVCS GORR No.: 31-051
Component: ECH03 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '55, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace ¾" Coupling on Excess Letdown Heat Exchanger (ECH03)
Line.
Work Description/Remarks: A Code Replacement activity was initiated to install a new
coupling on a ¾" Excess Letdown Heat Exchanger Line. This activity was controlled by
WO # 20401573 and DBCOR 2005-0007. Construction Code VT and PT examinations were
performed and acceptable. ASME Section XI VT-2 Leakage examination is not required but
was performed and acceptable under PT-7. See NDE Summary # R05026.

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ATTACHMENT II

52. ASME Class: 2 System: RHR GORR No.: 31-052
Component: EAC02A, EAC02B Category: Code Rejectable Indication
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Grind Repair of Outlet Reinforcing Plate Weld (ORPRHE-1A) on
EAC02A and Inlet Reinforcing Plate Weld (IRPRHE-1B) on
EAC02B.
Work Description/Remarks: A Section XI Code activity was initiated to repair by metal
removal original fabrication weld defects. On RHR Heat Exchanger "A" (EAC02A), the
Outlet Reinforcing Plate Weld (ORPRHE-1A) was repaired by metal removal. On RHR Heat
Exchanger "B" (EAC02B), the Inlet Reinforcing Plate Weld (IRPRHE-1B) was repaired by
metal removal. This activity was controlled by WO # 20400669 & Action Reports 2005-1040
and 2005-1039. Upon completion of a code repair, construction code VT and PT
examinations were performed and acceptable. See NDE Summary # R05023. ASME Section
XI baseline PT examinations were performed and acceptable. See ISI Summary #'s I169090
& I169270.
53. ASME Class: 2 System: RHR GORR No.: 31-053
Component: RHU-68 Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74/'95/'96
Work Performed By: 1
Name of Component: Replacement of Spring Can and Base Plate on Component Support
RHU-68
Work Description/Remarks: A Replacement activity was initiated to install a new Spring
Can and Base Plate on Component Support RHU-68 located on a 10" line. This activity was
controlled by WO # 20400108, Action Report 2003-0662 and TE 2005-0018. Construction
Code VT examination was performed and acceptable. See NDE Summary # R05035. ASME
Section XI VT baseline examination was performed and acceptable. See ISI Summary #
I137800.

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Inservice Inspection Report

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ATTACHMENT II

54. ASME Class: 1 System: RCS GORR No.: 31-054
Line: 27.5" Category: Corrective Action Activity
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Repair – Reapplication of Seal Weld associated with TE-404B.
Work Description/Remarks: A Section XI Code Repair activity was initiated to re-apply a Seal Weld associated with TE-404B replacement. This activity was controlled by WO # 20501528, TSR 2005-0032, 94-031 & 93-058. Upon completion of a code repair, construction code VT and PT examinations were performed and acceptable. See NDE Summary # R05030.
55. GORR No.: 31-055 Cancelled
56. ASME Class: 1 System: PZR GORR No.: 31-056
Component: TRC01 Category: Code Rejectable Indication
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Grind Repair of Pressurizer Nozzle to Safe End Weld SLNSE.
Work Description/Remarks: A Section XI Code activity was initiated to repair by metal removal original fabrication weld defects on the Pressurizer Nozzle to Safe End Weld SLNSE. This activity was controlled by WO # 20501863 & Action Report 2005-1405. Upon completion of a code repair, construction code PT examination and UT thickness readings were performed and acceptable. See NDE Summary # R05037. ASME Section XI baseline PT examination was performed and acceptable. See ISI Summary #'s I004350.
57. ASME Class: 1 System: RCS GORR No.: 31-057
Component: EMS01A Category: Corrective Action Activity
Construction Code: ASME III '86
Work Performed By: 1
Name of Component: Steam Generator "A" Primary Manway Stud Replacement.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install two (2) new studs on Steam Generator "A" (EMS01A) Primary Manway. This activity was controlled by WO # 20400869. ASME Section XI baseline VT examination was performed and acceptable. See Summary # M100080.

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Inservice Inspection Report

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ATTACHMENT II

58. ASME Class: 2 System: MS GORR No.: 31-058
Component: EMS01A Category: Corrective Action Activity
Construction Code: ASME III '86
Work Performed By: 1
Name of Component: Steam Generator "A" Secondary Handhole Stud Replacement.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install one (1) new stud on Steam Generator "A" (EMS01A) Secondary Handhole. This activity was controlled by WO # 20400636. An Owner Elected ASME Section XI baseline VT examination was performed and acceptable. See Summary # M100011.
59. ASME Class: 2 System: MS GORR No.: 31-059
Component: EMS01A Category: Corrective Action Activity
Construction Code: ASME III '86
Work Performed By: 1
Name of Component: Steam Generator "A" Secondary Manway Stud Replacement.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install six (6) new studs on Steam Generator "A" (EMS01A) Secondary Manway. This activity was controlled by WO # 20400636. An Owner Elected ASME Section XI baseline VT examination was performed and acceptable. See Summary # M100009.
60. ASME Class: 2 System: MS GORR No.: 31-060
Component: EMS01B Category: Corrective Action Activity
Construction Code: ASME III '86
Work Performed By: 1
Name of Component: Steam Generator "B" Secondary Handhole Stud Replacement.
Work Description/Remarks: A Like for Like mechanical replacement activity was initiated to install four (4) new studs on Steam Generator "B" (EMS01B) Secondary Handhole. This activity was controlled by WO # 20400637. An Owner Elected ASME Section XI baseline VT examination was performed and acceptable. See Summary # M100018.

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ATTACHMENT II

61. ASME Class: 2 System: CVCS GORR No.: 31-061
Component: 300B Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace 2" x 1" Reducer by Valve 300B
Work Description/Remarks: A Code Like for Like Replacement activity was initiated to install two (2) new 2" x 1" reducers by Valve 300B. This activity was controlled by WO # 20400163. Construction Code VT and PT examinations were performed and acceptable. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05025.
62. ASME Class: 2 System: SI GORR No.: 31-062
Component: TSI03B, V838A, V837A Category: Code Rejectable Indication
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Grind Repair of Two (2) 2" Nozzle to Pipe Welds off Accumulator "B" to Valves 838A and 837A.
Work Description/Remarks: A Section XI Code activity was initiated to repair by metal removal original fabrication weld defects on Two (2) 2" Nozzle to Pipe Welds off Accumulator "B" (TSI03B) going to Valves 838A and 837A. This activity was controlled by WO # 20501870 & Action Report 2005-1391. Upon completion of a code repair, PT examinations and UT thickness readings were performed and acceptable. See NDE Summary # R05038.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT II

63. ASME Class: 1 System: RHR GORR No.: 31-063
Line: 10" Category: Code Rejectable Indication
Construction Code: ASME III '95/'96
Work Performed By: 1
Name of Component: Grind Repair on 10" RHR Weld ASW-1.
Work Description/Remarks: A Section XI Code activity was initiated to repair by metal removal original fabrication 5/16" & 3/16" pores on a 10" RHR line at Weld ASW-1. This activity was controlled by WO # 20501891 & Action Report 2005-1451. Upon completion of a code repair, Construction Code PT examination as well as UT thickness readings were performed and acceptable. See NDE Summary # R05040. ASME Section XI PT baseline examination was performed and acceptable. See ISI Summary # I029100.
64. ASME Class: 2 System: MS GORR No.: 31-064
Line: 6" Category: Code Rejectable Indication
Construction Code: ASME III '92/'95/'96
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Repair on 6" MS Weld L2BC1A by Valve 3504 .
Work Description/Remarks: A Section XI Code Repair was initiated to removal original slag indications on 6" MS Weld L2BC1A by Valve 3504. This activity was controlled by WO # 20501912 & Action Report 2005-1430. Upon completion of a code weld repair, Construction Code MT examination of the cavity was performed and acceptable. Construction Code VT, MT and RT examinations were performed to the finish weld and acceptable. ASME VT-2 Leakage Examination was performed and acceptable. See NDE Summary # R05042. ASME Section XI PT and RT baseline examinations were performed and acceptable. See ISI Summary # I090300.

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT II

65. ASME Class: 2 System: MS GORR No.: 31-065
Component: MSU-7 (West) Category: Corrective Action Activity
Construction Code: EWR-2512, ASME III NF '74, MSS SP-58
Work Performed By: 1
Name of Component: Snubber Replacement on Component Support MSU-7 (West)
Work Description/Remarks: A Like for Like Replacement activity was initiated to install a new Snubber for Component Support MSU-7 (West) located on a 30" MS line. This activity was controlled by WO # 20401666 and Action Report 2005-1573. ASME Section XI VT baseline examination was performed and acceptable. See ISI Summary # I601369.
66. ASME Class: 2 System: CVCS GORR No.: 31-066
Component: V281L Category: Code Service Induced Rejectable Indication
Construction Code: EWR-2512, B31.1 '67/'73, ASME III '92/'95/'96, ME-318
Work Performed By: 1
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace 1 ½" Adaptor by Valve 281L
Work Description/Remarks: A Code Replacement (Modification) activity was initiated to install a 1 ½" adaptor on a ¾" line by Valve 281L. This activity was controlled by WO # 20502038, Action Report 2005-1770 and DA-ME-2005-031. Construction Code VT, PT and RT examinations were performed and acceptable. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05044.
67. ASME Class: 1 System: CVCS GORR No.: 31-067
Component: V427 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 2
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace Bonnet on Valve 427
Work Description/Remarks: A Code Like for Like Replacement activity was initiated to install a new Bonnet by mechanical means on Valve 427 located on a 2" line. This activity was controlled by WO # 20400157 and Action Report 2005-2082. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05047.

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ATTACHMENT II

68. ASME Class: 3 System: CCW GORR No.: 31-067
Component: V740A Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '92/'95/'96, ME-318
Work Performed By: 2
Code Case/Relief Request: Code Case N-416-2
Name of Component: Replace Relief Valve 740A
Work Description/Remarks: A Code Like for Like Replacement activity was initiated to install a new Relief Valve by mechanical means on a 2" line. This activity was controlled by WO # 20401307 and Action Report 2005-2082. ASME Section XI VT-2 Leakage examination was performed and acceptable. See NDE Summary # R05049.
69. ASME Class: 3 System: FW GORR No.: 31-069
Component: V4269 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '95/'96, ME-318
Work Performed By: 3
Name of Component: Replace Cage & Plug on Valve 4269
Work Description/Remarks: A Code Like for Like Replacement activity was initiated to install a new Cage and Plug by mechanical means on Valve 4269 located on a 14" line. This activity was controlled by WO # 20302807 and Action Report 2005-2082.
70. ASME Class: 3 System: AFW GORR No.: 31-070
Component: V4009 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '95/'96, ME-318
Work Performed By: 2
Name of Component: Replace Disc on Valve 4009
Work Description/Remarks: A Code Like for Like Replacement activity was initiated to install a new Disc by mechanical means on Valve 4009 located on a 3" line. This activity was controlled by WO # 20402002 and Action Report 2005-2082.

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

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ATTACHMENT II

71. ASME Class: 3 System: MS GORR No.: 31-071
Component: V3410 Category: Corrective Action Activity
Construction Code: EWR-2512, B31.1 '67/'73, B16.34, ASME III '95/'96, ME-318
Work Performed By: 2
Name of Component: Replace Plug on Valve 3410
Work Description/Remarks: A Code Like for Like Replacement activity was initiated to install a new Plug by mechanical means on Valve 3410 located on a 6" line. This activity was controlled by WO # 20404634 and Action Report 2005-2082.
72. GORR No.: 31-072 Cancelled
73. GORR No.: 31-073 Cancelled
74. GORR No.: 31-074 Cancelled

R. E. GINNA NUCLEAR POWER PLANT

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ATTACHMENT III

Steam Generator Eddy Current Program – Final Report

VENDOR DOCUMENT REVIEW

☒ Approved - No Memorandum Required

☐ Approved - Memorandum Attached

☐ Not Approved - Vendor Notified

Approval of this document does not relieve supplier from full compliance with contract or purchase order requirements

Approved By J. H. Miller Date 6/6/05

NS&L Review By N/A Date N/A

(Required if impact on accident analysis assumptions.)

EDDY CURRENT EXAMINATION REPORT FOR STEAM GENERATOR TUBING

Constellation Energy Group
R.E. Ginna
Nuclear Power Station

March 2005
Report No: MRS-FSR-1385-RGE

NSBU STEAM GENERATOR SERVICES
WESTINGHOUSE ELECTRIC COMPANY, LLC

Prepared By;

Scott H. Taylor
Scott H. Taylor - ET Level III

Date: 3-31-05

Prepared By;

Henry Labieniec
Henry Labieniec - Project Manager

Date: 8/31/05

Certificate of Conformance

Constellation Energy

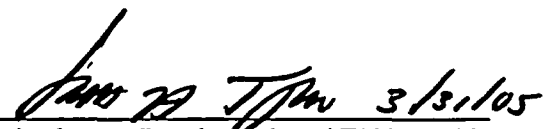
**GINNA STATION
WESTINGHOUSE NETWORK NO. 305498
STEAM GENERATOR EDY CURRENT EXAMINATION
MARCH 2005 REFUELING OUTAGE**

Reference: CEG Purchase Orders; 05-01081, Steam Generator Services
05-01418, Initial PO for Plugs and Stabilizers
05-01562, Additional for Plugs and Stabilizers
Ginna S/G Technical Specification TPF1 # 2001-00 Rev 0, as applicable.

Westinghouse Electric Company has completed the subject services. The on-site activities were performed in accordance with Constellation Quality Assurance Program using Constellation and Westinghouse procedures. Documentation attesting to this work is contained within the Final Report and in the Quality Records, data procedures, and personnel certifications.

Westinghouse Quality Systems hereby certifies that the services described herein that were provided in accordance with the Westinghouse Quality Management System, specifically, the supply of certified personnel and equipment, meet the quality requirements of the referenced Purchase Order and technical specifications. Any exceptions to said requirements have been documented and evaluated by properly executed deviation notices.

The ET level III signature certifies that the technical content of the services and in conformance with the supporting procedures including codes, specifications, and standards referenced client and has been independently verified to be accurate.


Westinghouse Lead Analyst / ET Level III


Westinghouse Project Manager


Westinghouse Field Service Quality

FOR BRUCE AUBEE



March 30, 2005

Mr. Mike Shields
Constellation Energy Group
89 East Avenue
Rochester, NY 14649-0001

Subject: Constellation Steam generator Eddy Current Examination Transmittal of Preliminary Report, Optical Data Disks, Eddynet Data Management Reports.

Dear Mr. Shields,

This letter transmits the following items;

- I: Preliminary Report of the March 2005 Steam generator Eddy Current Inspection.
Included in this report from both Steam generators:
 - Final report listing of tubes tested
 - Examination plan map of tubes tested
 - Examination plan map for each dataset
 - Separate listings and maps of the following
 - +PT special interest program
 - Possible loose parts (PLP) and loose part signals (PLS)
 - Manufacturing murrish marks (MBM)
 - Dings (DNG) and dents (DNT) with history
 - Tube proximity locations with history
 - Reported sludge (SLG) hotleg and coldleg.
 - Data Management procedure and appendicies
 - Tube sheet maps of chronological tube report
 - Tube plugging and installed stabilizers
 - All March, 2005 eddy current results
- II: Two copies of the Eddynet optical disks containing raw data and results from both Steam Generator A and Steam Generator B.
- III: A single copy of the data as is was acquired, in ANSER format.
- IV: Items from the ST-MAX and Eddynet data management systems.
 - Close-out report for S/G-A
 - Close-out report for S/G-B
 - ST-MAX Database loaded onto Constellation Data Management Computer
 - Optical Disk containing the following Eddynet files and directories:
Insp_DB, hist_DB, APTS, Closeout Checklist, landmarks, CDS sorts,
auto_cal, Eresolution setups, RE_SETUPS, data segment recall (DSR).
- V: Video Tapes

Steam Generator A

Plug verification for both H/L and C/L.
Initial and final bowl scans for H/L and C/L
Nozzle dam installation

Steam generator B

Plug installation for both H/L and C/L
Plug verification for both H/L and C/L
Initial and final bowl scans for H/L and C/L.
Nozzle dam installation

- V1: Quality Control Surveillance Log**
- VII: Eddy Current Examination Sheets**
- VIII: Analysis Final Reports, Primary / Secondary Compare Reports**
- IX: ST-MAX Database files on CD-rom.**
- X: Tube plug qualification documentation and certification**
- XI: Tube plugging and de-plugging procedures.**
- XII: Installation and removal procedures for equipment to be used in the S/G.**
- XIII: Steam generator independent verification system procedure**
- XIV: Manipulator check-out, calibration, installation, and removal procedures**
- XV: Personnel and equipment certification documents**
- XVI: Certification program document**

Referencing documentation:

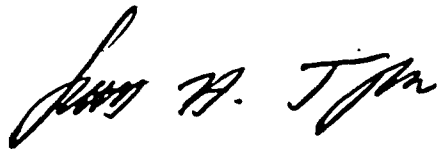
Purchase Order; 05-01081, Steam Generator Services
Purchase Order; 05-01418, Intial PO for Plugs and Stabilizers
Purchase Order; 05-01562, Additional for Plugs and Stabilizers

Ginna S/G Technical Specification TPF1 # 2001-00 Rev 0, as applicable
Proposal; 01-OSW-045, Letter; LTR-NSFM-04-263

Note that some of the information cited above was transmitted prior to the outage. Please acknowledge receipt by signing the bottom of this page.

Respectfully Submitted,

Westinghouse Electric Company LLC

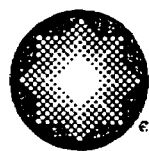


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Constellation Energy

R.E. Ginna Nuclear Power Plant

**INSERVICE INSPECTION
DATA ROOM SUMMARY REPORT
FOR STEAM GENERATOR TUBING**

of the

**R.E. GINNA
ELECTRIC NUCLEAR POWER PLANT**

**1503 LAKE ROAD
ONTARIO, NEW YORK. 14519**

Report Submitted By;

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STEAM GENERATOR TUBE EXAMINATIONS

1.0 Introduction

This Summary Report describes the Constellation Energy Group Inservice Inspection (ISI) of the steam generator (S/G) tubing at the R.E. Ginna Electric Generating Station. The ISI was performed during the March 2005 refueling outage.

The steam generator tube ISI inspection was performed in accordance with The American Society of Mechanical Engineers (ASME) Section XI Code "Inservice Inspection of Nuclear Power Plant Components" prescribed by Title 10 of the Code of Federal Regulations, Part 50, Section 50.55a(g). Therefore, the ISI is required to meet the 1995 Edition of the ASME Code Section XI with 1996 addenda.

The R.E Ginna plant design contains two (2) re-circulating design steam generators designed and fabricated by Babcock and Wilcox of Cambridge Ontario (Canada). The nomenclature used for fabrication and subsequent in-service inspections is BWI #34 (SG-A) and BWI #35 (SG-B). Each BWI steam generator was designed to contain 4765 tubes per S/G. One tube in each steam generator was removed from service during fabrication by means of a shop welded I-690 plug. Each S/G therefore contains 4764 inspectable tubes. The tubing material is thermally treated Inconel Alloy 690 having a nominal outer diameter (OD) of 0.750 inch and nominal wall thickness of 0.043 inch. The nominal thickness of the tube sheet is 25.25 inches, with a full depth hydraulic expansion of all the tubes into the tube sheet material.

The examination agency for this S/G inspection was Westinghouse Electric Company, LLC.

2.0 Scope of Examinations

A Degradation Assessment (DA) was written prior to the outage by Westinghouse S/G Engineering and with input provided from the Constellation Energy Group. This document identified existing and potential damage mechanism and recommended locations for eddy current examinations. The necessary inspection techniques and areas of applicability were documented by the Constellation Energy Level III. All techniques were approved for use by the Constellation Energy Level III, and reviewed by the Westinghouse Level III / Qualified Data Analyst (QDA) and also the Independent Qualified Data Analyst (IQDA), contracted by Constellation Energy.

The agreed upon eddy current base scope tube examinations, and any additional inspections required, were approved by the appropriate Westinghouse and Constellation personnel prior to testing. The S/G inspection was performed to meet the intent of EPRI document #1003138 Rev. 6, entitled "Pressurized Water Reactor Steam Generator Examination Guidelines."

The eddy current examination base scope consisted of the following planned examinations in each steam generator.

Bobbin coil - full length from tube-end inlet thru to tube-end outlet.

- * All tubes not inspected in the 2002 examination. This was an approximate 50% sample.
- * All peripheral tubes(2 tubes deep) including tube lane locations (rows 1,2,3,4)
- * Previous signals of interest, MBM, DEP, DNT, DNG, PRS (previous s-codes identified)

Three coil straight body design rotating probe.

- * An approximate 25% sample top of tubesheet hotleg at the expansion interface, (TSH +/-3"). All identified over-expansions from the PSI examination were included within this sample as well as one NCR in S/G-B from TSH-TEH.

Single coil ubend design rotating probe.

- * 20% sample of row-1 and 2 ubend region. (top TSP to top TSP).

Scheduled supplemental testing and those as a result of inspection findings

- * Rotating coil of all I-codes identified by bobbin coil.
- * Bobbin coil and/or RPC testing of tubes surrounding a potential loose part signal.
- * 20% sample of reported dings/dents, ≥ 2 vpp digressing from largest voltage 8C-TEH set as priority.
- * 20% sample of reported MBM's, ≥ 5 vpp digressing from largest voltage, 8C-TEH set as priority area.

3.0 Personnel, Procedures, and Test Equipment

3.1 Personnel Qualifications

The personnel who performed the ET acquisition and ET data analysis functions were employed by Westinghouse, NDE Technology, Master-Lee, Anatec, Zetec, TheYoung Group, and INTECH. All were certified in accordance with the requirements of IWA-2300 of ASME Code Section XI and the certification practices of their respective employers. One hundred (100) percent of the ET data analysts were certified as Qualified Data Analysts (QDA's) for the steam generator work performed. A QDA is a Level IIA or III who has passed rigorous testing of his ability to analyze a random selection of expertly-judged indications, from the Electric Power Research Institute's "PWR Steam Generator Examination Guidelines", Appendix G Performance Demonstration Database, for various steam generator designs and all types of known defects.

Before an ET data analyst could perform any functions they were required to successfully complete a Site Specific Performance Demonstration (SSPD). A site indoctrination discussed Ginna steam generator design, operating history, and previous ET results. Recent S/G operational experience and industry finding were also discussed. The site specific analysis guidelines, ACTS, ANTS, were reviewed by all. Damage mechanisms that have either been identified and/or have the potential to exist were identified during the training and examination process. Successful completion of the SSPD program required several items.

- * A written examination consisting of 30 questions, selected randomly from a database. Each individual required a passing grade of $\geq 80\%$.

* A practical bobbin coil examination, computer generated from a random database. Each individual required a passing grade where the POD was $\geq 80\%$ with a $\geq 90\%$ CL. Computer Data Screening (CDS) also successfully completed the SSPD per the 80/90 criteria above.

* A practical RPC examination, common to all analysts, of pre-determined data sets. Each individual required a passing grade of $\geq 80\%$.

All incorrect answers on the written examination, as well as all missed signals on the bobbin and RPC practical examinations were provided to the data analyst for review. All re-testing was performed using the same grading and review scheme.

3.2 ET Examination, Data Analysis, and Data Quality Procedures

ET data collection and data analysis were performed in accordance with the following procedures.

* Constellation Energy Group acquisition procedure CEG-400-001, Revision 0.

"Multi-frequency Eddy Current Examination of Non-ferromagnetic Steam generator Tubing".

* WNSD procedure MRS-GEN-1127, Revision 3.

"Guidelines for Steam Generator Eddy Current Data Quality Requirements".

* Constellation Energy Group data analysis guidelines, Revision 0.

"Data Analysis Guidelines Ginna 2005".

* Westinghouse QA Surveillance Procedure CEG-400-002, Revision 0.

3.3 Eddy Current Data Evaluation and Data Management

All eddy current data acquired was subjected to two (2) separate independent analyses. The primary, secondary, and resolution analysis functions were all performed at the Ginna Site. Westinghouse served as the primary analysis team and performed manual evaluation of all probe types. Zetec represented the secondary analysis team and utilized Computerized Data Screening (CDS) for bobbin coil data and provided manual data analysis for all rotating coil data. A primary / secondary compare and subsequent resolution of discrepancies was performed by personnel representing both Westinghouse and Zetec. An independent qualified data analyst (IQDA) reviewed all I-codes which were changed to a non-pluggable indication, or were dispositioned to an NDD code. In addition, the IQDA reviewed a sample of NDE tubes in each S/G. A common data analysis platform was utilized for all functions above. This consisted of HP workstations loaded with unix operating system Version 11i, Revision 1, Patch #14 of the Zetec Eddynet analysis software.

Primary data management was performed by Westinghouse per procedure SGMS 2.2.1 GEN-011 Revision 9. Utilizing the Westinghouse ST-MAX system, this PC based windows environment used software Version 1.15.00, appendix 12.3.1, 12.3.2 and 12.3.3. A Ginna specific checklist was used for database close-outs and verification of program completion.

Zetec provided secondary data management using the Zetec EIMS system. The unix based operating software for this inspection was Version 11i, Revision 01, Patch #14. The EIMS database also had a standardized checklist used for database close-out and verification of program completion.

Per the request of the Constellation Level III, an automated sludge "SLG" evaluation was performed on both tubesheets from the bobbin coil examination. All measurable accumulation at top of tubesheet ≥ 0.50 " was recorded respectively as either TSH + and TSC +.

3.4 Data Quality Requirements

All data quality programs (DQM) were initially implemented on the acquisition level per MRS-GEN-1127 Revision 3. The DQV program addressed the requirements outlines in the EPRI document #1003138 Rev. 6, entitled "Pressurized Water Reactor Steam Generator Examination Guidelines. The SGMP Interim Guidance Letter stating exemption from progressive noise measurements was also used. For those instances where a "false failure" identified by the acquisition program, the station operator had the opportunity to rectify the situation or re-test that particular tube again. If the DQV failure appeared to be a result of program and/or software limitation, the primary and secondary analyst would evaluate the tube as normal. The resolution data analysts could then over-ride the data quality failure provided they also agreed the data was acceptable. Each tube collected was subject to various DQV checks. Results of all eddy current examinations were recorded on a digital rewritable optical disk and the final resolution data sheets, which are both stored as records. The ET data disks contain the raw ET-data, primary, secondary, and resolution results for each calibration group. Within each calibration group, system calibration (standard runs) as well as each tube collected have the actual time and date verification recorded at the time of collection. All optical disk are numbered such that each steam generator and each calibration group are indicated on the optical disk label. Therefore, all system calibrations, calibration verifications, and raw data for each tube examined can be easily recalled.

3.5 Equipment and Test Probes

All examinations were performed using ANSER acquisition software, Version 8.4.1 Revision 232 along with a Zetec MIZ-70 digital multi-frequency tester. The acquisition test instrument and software store and process the ET data in a digital format and have a significantly improved dynamic range and signal-to-noise ratio as compared to analog systems. The test system is capable of being operated at locations remote from the steam generators (e.g., in low radiation areas).

All bobbin coil examinations were performed using inspection frequencies of 550, 280, 140 and 35 kHz in both the differential and absolute modes for each tube. A nominal pull speed of 40 inches per second with a digital sampling rate of 1600 samples per second was used for the majority of all tubes examined. Acquisition Technique Sheet (ACTS) number RGE-01-105 was the applicable inspection technique. Additionally, a slower test speed was used to reduce probe snap in tight radius ubends of rows 1 - 4. This slower pull speed of 24 inches per second used a digital sample rate of 1000 samples per second, as listed on ACTS numbers RGE-02-105, RGE-03-105. Specific information relative to probes, extensions, manufacturers, etc. is contained within each of these ACTS sheets mentioned.

A 3-coil probe (straight body design) was used for all base scope and supplemental RPC examinations within the straight section of the S/G tubing. The 3-coil RPC examination technique was performed using the examination frequencies of 400, 300, 100, and 35kHz for both the + Point coil and also the 0.115" mid-range pancake coil. The third coil, a 0.080" shielded high frequency pancake was not

activated for these examinations. A digital sample rate of 1600 samples per second was specified for RGE-04-105. Specific information relative to probes, extensions, manufacturers, etc. is contained within each of these ACTS sheets mentioned.

A single coil Plus Point (u-bend design) probe was utilized for all base scope and supplemental examinations within the u-bend region of the S/G tubing. Various probe extensions were connected to the actual EC probe to inspect higher row (increased radius) u-bend regions of interest. Previously identified tube to tube proximity locations were also part of this inspection scope. The examination frequencies of 400, 300, 100 and 35kHz were used for this application. A digital sample rate of 1600 samples per second was specified for RGE-05-105 and RGE-06-105. Specific information relative to probes, extensions, manufacturers, etc. is contained within each of these ACTS sheets mentioned.

3.6 Calibration Standards

Bobbin coil calibration standards contained ASME Code Section XI flaws, and both a stainless and carbon steel support ring. The calibration standard utilized for all rotating coil examinations was an EP5 design guide tube standard containing several ID and OD, notches axially and circumferentially oriented, electro-discharge machined (EDM) notches. Additional calibration standards containing various support structures (simulating S/G support structures) were also utilized. These standards are intended for use with a bobbin coil or a rotating coil probe. In each case, simulated defects relative to depth and orientation were present to permit the sizing of indications, if necessary.

4.0 Summary of Base Scope and Special Interest Examinations

4.1 Bobbin Coil - Base Scope

All tubes were examined full length from tube end to tube end. The nominal probe diameter attempted for all bobbin examinations was 0.620" beaded probe design. A 0.610" beaded probe design was used on an as-needed basis for restrictions or retests approved for this probe diameter. Both were manufactured by Zetec.

Eddynet EIMS probe code designator is A620MULC/C and A610MULC/C.

ST MAX probe code designator is M/A620-ULC/CS/MR and M/A610-ULC/CS/MR.

S/G	Scheduled Exams	Completed Exams	Obstructed Tubes	Existing Plugs
A	2713	2713	0	1 (pre-operational)
B	2686	2686	0	1 (pre-operational)

4.2 Rotating Coil, Inlet Tubesheet Region, - Base Scope

A 25% sample hotleg top of tubesheet program was scheduled in each steam generator. The minimum test extent identified was continuous data collection from 3" below the top of tubesheet, through the expansion, ending at 3" above the transition. The nominal probe diameter utilized for all straight section examinations was a 0.610", manufactured by Zetec.

Eddynet EIMS probe code designator is B61011536S80

ST MAX probe code designator is +PT610-MRPC/3C/P114A-PP11A=SP080B/52PH-664-ZM001

S/G	Scheduled Exams	Completed exams	Obstructed Tubes	Pluggable Indications
A	1220	1220	0	0
B	1204	1204	0	0

4.3 Rotating Coil, Low Row Ubend Region - Base Scope

A 20% sample program of low ubends was scheduled in each steam generator. At 120 columns, this percentage produced a 12 tube sample in row 1 and a 12 tube sample in row 2. This percentage was applicable to each S/G. The test extent identified was from the upper tube support hot leg to the upper tube support cold leg. The nominal probe diameter utilized for all low row ubend examinations was a 0.580", manufactured by Zetec.

S/G	Scheduled Exams	Completed Exams	Obstructed Tubes	Pluggable Indications
A	24	24	0	0
B	24	24	0	0

Eddynet EIMS probe code designator is B58036

ST-MAX probe code designator is +PT-580-MRPC/FH/PP11A/18IN/52PH-664-ZM001

4.4 Rotating Coil, Proximity Tubes in the Ubend Region - Base Scope

Previously identified ubend areas, having tube to tube proximity signals, were again scheduled for examination. This test was to verify the proximity values had not changed, as well as screen for any tube to tube wear in this region. The test extent identified was from the upper tube support of either the hotleg or the coldleg to a specified fan bar location in the ubend area. The nominal probe diameter utilized for all proximity examinations was a 0.580".

S/G	Scheduled Exams	Completed Exams	Obstructed Tubes	Pluggable Indications
A	13	13	0	0
B	12	12	0	0

Eddynet EIMS probe code designator is B58036

ST-MAX probe code designator is +PT-580-MRPC/FH/PP11A/18IN/52PH-664-ZM001

4.5 Rotating Coil, "box-in" of PLP locations - Special interest

Low frequency responses, which could possibly represent the presence of foreign object, were identified during the base scope bobbin and/or tube sheet examination. Previous results and data evaluations have tracked these signals for multiple inspections with no tube wear detectable. In each case, the surrounding tubes were examined to determine if in fact multiple tube contact was present. The standard 3-coil probe, mentioned above was used for this supplemental testing.

S/G	Additional Exams TSH-1H	Completed Exams TSH-1H	Obstructed - Damaged Tubes	Pluggable Indications
A	22	22	0	0

Special interest location was due to loose part successfully retrieved from the S/G secondary side.

S/G	Additional Exams TSH-1H	Completed Exams TSH-1H	Obstructed - Damaged Tubes	Pluggable Indications
A	7	7	0	0

Special interest location was due to loose part signal reported by bobbin coil in R94 C54.

S/G	Additional Exams TSH-1H	Completed Exams TSH-1H	Obstructed - Damaged Tubes	Pluggable Indications
A	3	3	0	0

Special interest location was due to loose part signal reported by rotating coil in R93 C55.

S/G	Additional Exams TSC-1C	Completed Exams TSC-1C	Obstructed - Damaged Tubes	Pluggable Indications
B	15	15	0	0

Special interest location was due to loose part signal reported by bobbin coil at R48 C114 and R50 C114.

5.0 Eddy Current Examination Results

The axial location of all signals were recorded in a positive offset relative to the adjacent tube support, baffle plate and/or fan bar. This convention was used throughout the tube bundle, except at support structures, where a plus/minus 2-inch window was used when reporting indications that were at or near the support structure. The tube support plates and baffle plates are numbered consecutively on both the inlet and outlet side of the steam generator starting at the lowest elevation. The fan-bars are numbered F01 through F10 from the hot leg to the cold leg side, respectively.

The bobbin coil three letter codes found in the data analysis guidelines and also published in the ANTS sheets, were used reflect the suspected nature of the discontinuity. Signal attributes and previous history were considered when identifying such signals.

All bobbin signals meeting the current reporting criteria were compared to the 1997 inspection results to determine if the signal was in fact present and if so, had it changed in characteristics. This process ensured that defects induced during S/G operation could be identified as such. Previously identified signals, which did not meet the current reporting criteria, were again re-identified with the proper reporting code(s). This was done to maintain database consistency and assist with tube identification. A historical signal comparison was also performed at these tube locations.

5.1 Loose Part Examination and Classification

Steam generator - A:

Bobbin coil examination of Row-94 Column-54 identified a low frequency response between the top of tube sheet hot leg and the first support structure (TSH +9.8"). Since the signal characteristics closely resembled the confirmed object in S/G-B, it was classified as a bobbin possible loose part "PLP".

Rotating coil also confirmed a loose part signal which was classified as "PLS". The adjacent tube, Row-93 Column-55 was not inspected with bobbin coil but was classified as a possible loose part signal.

"PLS" during the supplemental RPC bounding of these 2 tubes. No tube wear or vibrational type damage was detectable from either probe type. No additional action was taken at either of these tube locations, these tubes will be examined during future inspections.

Historical database for these locations is as follows;

TUBE	2005	2002	1999	1997
94 - 54	RPC - PLS	Not Inspected	Bobbin - DEP	NDD

TUBE	2005	2002	1999	1997
93 - 55	RPC - PLS	Bobbin - DEP	NDD	Not Inspected

These signals were previously classified as a deposit signal (DEP) during pervious inspections and conservatively reported as a loose part signal (Rotating Coil PLS) and/or a possible loose part signal (bobbin PLP) during the 2005 inspection. The signals have not changed only the reporting acronyms. We will track these in future inspections, most notably for degradation type signals.

Steam generator - B:

Bobbin coil examination identified a low frequency response between the top of tube sheet cold leg and the first support structure (TSC +20"). A secondary side visual inspection confirmed the presence of a foreign object at this location. An unsuccessful attempt was made to retrieve the object which appears to

be 'wedged' between two tubes. No tube wear or vibrational type damage was detectable from the bobbin coil and/or the supplemental rotating coil data. Four (4) tubes have being stabilized on the cold leg side, and subsequently removed from service (plugged) as a result of this finding;

- * Two (2) loose part contact locations: Row-48 Column-114 and Row-50 Column-114.
- * Two (2) adjacent tube locations to those above: Row-47 Column-115 and Row-49 Column-113.

5.2 Bobbin and Rotating Coil Summary

	Steam Generator A				
	Bobbin	TSH +Point	Tube Proximity +Point	U-Bend Special Interest	Straight Section Special Interest
DEP	4	2	N/A	0	0
DNG	38	N/A	N/A	N/A	N/A
DNT	18	N/A	N/A	N/A	N/A
INF	3	0	N/A	0	0
INR	7	2	N/A	0	4
MBC	N/A	0	N/A	2	8
MBM	254	N/A	N/A	N/A	N/A
NDF	N/A	N/A	N/A	13	2
PLP	1	N/A	N/A	N/A	N/A
PLS	N/A	0	N/A	0	2
RES	1	0	0	0	0
PRS	N/A	N/A	31	N/A	N/A

	Steam Generator B				
	Bobbin	TSH +Point	Tube Proximity +Point	U-Bend Special Interest	Straight Section Special Interest
BLG	6	N/A	N/A	N/A	N/A
DEP	5	5	N/A	0	0
DNG	53	N/A	N/A	N/A	N/A
DNT	20	N/A	N/A	N/A	N/A
DSS	1	N/A	N/A	N/A	N/A
INF	10	0	N/A	0	0
INR	7	4	N/A	0	0
MBC	N/A	0	N/A	1	7
MBM	260	N/A	N/A	N/A	N/A
NDF	N/A	N/A	N/A	16	2
NQS	1	N/A	N/A	N/A	N/A
PLP	4	N/A	N/A	N/A	N/A
PLS	N/A	0	N/A	0	2
PRS	N/A	N/A	22	N/A	N/A

5.2.1 Bobbin Coil Specifics

BLG - Bulges identified within the tube sheet expansion meeting the reporting criteria of 22vpp on the 550kHz absolute channel were identified.

DEP - Low frequency responses indicative of metallic deposits were identified as such. The intent is to track these during future inspections. In the event a previously identified DEP signal was not present in the current inspection, INF was used to address these locations.

DNG, DNT - Tubing deformations were identified as ding in the freespan, and as dent at support structures. The reporting criteria was $\geq 2.5\text{vpp}$ in the freespan area and $\geq 5\text{vpp}$ in the ubend area. Previous signals identified as a ding or dent, were again identified as such to maintain database consistency. All signals not reported in past inspections, were verified as present in historical data. No active denting was observed. In the event these were misclassified (tangent point or probe snap) or reported at the wrong elevation during a previous outage, INR may have been used to re-address these locations.

DSS - Previous signal identified as a "distorted support plate signal". Historical data comparison was performed and the signal was re-identified as a DSS in 2005 upon finding no change.

INF - Signals identified in previous inspections, not present in 2005 were classified as "indication not found". A historical tube comparison was performed to ensure the correct location was tested.

INR - In the event a signal was misclassified (tangent point, probe snap, etc) or was reported at the wrong elevation during a previous outage, INR may have been used to re-address these locations.

INF / INR - SPECIFICS:

In SG-A, 2 bobbin deposits reported in previous outages were reported as indication not reportable because the signal was not present during the 2005 inspection or was insignificant. Three bobbin deposits reported during previous outages were reported as indication not found because the deposit signal was no longer present. Two dings reported in previous outages were mislocated during those outages, and were reported as indication not reportable and the actual ding reported at the correct location. One ding was reported from 08H -2.19" and was reported as indication not reportable and the ding reported this outage at 07C +36.65". One dent reported in previous outages was probe motion or other parasitic non-anomalous condition and was reported as indication not reportable. Finally, a manufacturing buff mark reported in previous outages was mislocated during those outages and was reported as INR this inspection and the MBM reported at the correct location.

In SG-B, one bobbin deposits reported in previous outages were reported as indication not reportable because the signal was not present during the 2005 inspection or was insignificant. Nine bobbin deposits reported during previous outages were reported as indication not found because the deposit signal was no longer present. A distorted support signal reported in the 2002 inspection was reported this outage as an indication not reportable because it did not meet the current reporting criteria. Two manufacturing buff marks reported in previous outages were mislocated during those outages and were reported as INR this inspection and the buff marks reported at their correct location. Finally, a ding reported during the 2002 inspection was mislocated during that inspection, reported as indication not found during the current inspection, and the ding reported at the correct location.

MBM - Manufacturing Burnish Mark type signals represented the majority of all signals reported in both steam generators. The reporting criteria used was ≥ 2.5 vpp on channel 6 with consideration given to a response on the P1 mix channel. S/G-A had 254 reported, of these 23 had a response on Ch. P1. S/G-B had 260 reported, of these 25 had a response on Ch. P1. All signals observed were compared to historical data to look for signal 'change' for possible degradation at these locations. No changes have been noted at these manufacturing anomalies to date.

NQS - A differential bobbin coil response, having been RPC tested in a previous inspection, showing no changes in signal characteristics during this inspection was again classified as NQS.

No flaw-like signals were reported at any structure or any freespan location in any steam generator.

RES - Restricted tube was noted with a 0.620" probe diameter. This is consistent with previous outages where it was also restricted and tested with a 0.610" probe.

PLP - Possible loose part signal as discussed previously in sections 4 and 5.

5.2.2 Rotating Coil Specifics

There were no axial or circumferential (crack-like) indications reported in any steam generator. Likewise no volumetric or wear type signals reported at the locations tested.

DEP - Low frequency responses indicative of metallic deposits were identified as such. The intent is to track these during future inspections. In the event a previously identified DEP signal was not present in the current inspection, INR was used to address these locations.

INR - Previous deposit signals which were indicative of sludge accumulation.

MBC - Manufacturing Burnish Mark, confirmed by RPC testing. Of the 22 total examined, 18 were classified as MBC tested 4 were classified as NDF.

NDF - 31 total locations were tested for dents and dings, all 31 were classified as NDF. As mentioned above 4 MBM locations were classified as NDF as well.

PLS - Possible loose part signals were observed and summarized within sections 4 and 5.

PRS - Tube to tube proximity has been tracked for subsequent inspections after a manufactures notice was issues. The ubend area of 13 tubes in S/G-A, and 12 tubes in S/G-B were inspected to ensure no changes in proximity and/or tube to tube wear was occurring. There were no changes with respect to proximity regions and no wear indications were detected in this area.

Additional information relative to tube examinations and final results are published in the Westinghouse Data Management Report. This is a standard turn over package provided to the utility at the conclusion of the EC inspection.

6.0 Tube Plugging Summary

6.1 Steam Generator A

There were no tubes considered degraded or defective through the ET examinations performed. There were no tubes removed from service.

6.2 Steam Generator B

There were four (4) tube locations removed from service as specified in section 5.1. No tubes were considered degraded or defective through the ET examinations performed.

7.0 Eddy Current Examination, Listing of Personnel

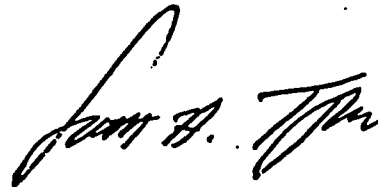
7.1 Certified Data Analysis Personnel and Data Management Crew

<u>NAME and LOCATION</u>	<u>EC LEVEL</u>	<u>COMPANY</u>	<u>FUNCTION</u>
Taylor, Scott	III	WEST	WEST - Lead / Res.
Tobin, Robert	III	WEST	WEST - Resolutions
Nissley, Raymond	III	ZETEC	ZETEC - Resolutions
Manley, Michael	III	ZETEC	ZETEC - Resolutions
Thompson, Kurt	IIA	NDE	WEST - Primary
Padgett, Lawrence	III	Master-Lee	WEST - Primary
Calendar, Dominic	IIA	Young Group	WEST - Primary
Hover, Lynn	III	Young Group	WEST - Primary
Gomez, Andrew	IIA	Young Group	WEST - Primary
Palmer, Richard	III	Young Group	WEST - Primary
Webb, Joel	IIA	Young Group	WEST - Primary
Stocklin, Paul	IIA	Young Group	WEST - Primary
Lamb, Justin	IIA	ZETEC	ZETEC - Secondary
Black, Carson	III	ZETEC	ZETEC - Secondary
Akre, Michael	III	ZETEC	ZETEC - Secondary
Mau, Ty	III	ZETEC	ZETEC - Secondary
Dahnke, Donald	III	Anatec	INDEPENDENT QDA
Case, John	III	NDE	DATA QUALITY
Young, John	IIA	NDE	DATA QUALITY
Marlis, Chris	N/A	WEST	WEST - Data Management
Young, John	N/A	WEST	WEST - Data Management
Moslener, Melvin	N/A	NDE	WEST - Data Management
Christopher, Phil	N/A	Anatec	WEST - Data Management
Driessen, Nathan	N/A	ZETEC	ZETEC - Data Management
Lape, Gary	N/A	ZETEC	ZETEC - Data Management
Butcher, Travis	N/A	Young Group	System Administration
Ewald, Michael	N/A	Young Group	System Administration

7.1 Certified Data Acquisition Personnel

<u>NAME and LOCATION</u>	<u>EC LEVEL</u>	<u>COMPANY</u>	<u>FUNCTION</u>
Schachte, Donald	II	WEST	WEST - Acq.
Smith, Donald	II	WEST	WEST - Acq.
Provencher, Colin	II	WEST	WEST - Acq.
Douglas, Barry	II	WEST	WEST - Acq.
Gallant, Greg	II	WEST	WEST - Acq.
Kindt, Kurt	I	WEST	WEST - Acq.
Lentz, Paul	II	WEST	WEST - Acq.
Ericson, Edward	II	HUDSON	WEST - Acq.
Pessak, Steven	II	Young Group	WEST - Acq.

Respectfully Submitted,



Scott H. Taylor
March 30, 2005

R. E. GINNA NUCLEAR POWER PLANT

Inservice Inspection Report

Fourth Interval (2000-2009), Second Period, Second Outage (2005) – ISI

First Interval (1997-2008), Second Period, Third Outage (2005) - IWE/IWL

1. Owner: R. E. Ginna Nuclear Power Plant, LLC, 1503 Lake Rd., Ontario, N.Y. 14519
2. Plant: R.E. Ginna Nuclear Power Plant 1503 Lake Rd., Ontario N.Y. 14519
3. Applicable Edition of Section XI Utilized for Repair or Replacement Activities:
1995 Edition with 1996 Addenda (ISI) or 1992 Edition with 1992 Addenda (IWE/IWL Containment)

ATTACHMENT IV

Erosion/Corrosion (Minwall) Program Examination Results

R. E. Ginna Nuclear Power Plant In-Service Inspection (ISI) Report Fourth Interval (2000-2009), Second Period, Second Outage (2005)

Attachment IV

Erosion/Corrosion Program Summary

This section provides Erosion/Corrosion examination details and information corresponding to the items inspected prior to & during the 2005 RFO.

A total of 390 components were examined, the breakdown of this total, by Program type is as follows:

<u>FAC "M-Figures"</u> <u>Large Bore</u>	<u>FAC "S-Figures"</u> <u>Small Bore</u>	<u>Misc.</u>	<u>Service Water</u>	<u>Total</u>
162	139	31	58	390

M-Figures: Erosion Corrosion FAC Program Isometric for Large-Bore Line Components

Systems of Examined Components

Component thickness measurements were performed on the following systems:

FIGURE Number

SYSTEMS

M1	A/B FW PUMP DISCHARGE TO 5A/5B HEATERS
M2	5 A/B FW HEATERS TO FW HEADER
M3	HEATER 4A/4B DRAIN TO HTR DRAIN TANK
M4A	FW CLEANUP TO CONDENSER FROM 5A & 5B FW HTRS
M5	HEATERS 4A/4B TO FEED WATER SUCTION
M6	FEEDWATER SUCTION TO PUMPS A/B
M11A	MSR 1A & 1B 2 ND PASS DRAIN
M12A	MSR 1A & 1B 2 ND PASS TO HEATER & CONDENSER
M12B	MSR 2A & 2B 2 ND PASS TO 5B HEATER & CONDENSER
M15A	MSR 1A 4 TH PASS TO 5A HEATER
M15B	MSR 1B TO HTR 5A, TO CV
M16	MSR 1A & 1B 4 TH PASS TO CONDENSER
M17A	MSR 2A TO HTR 5B, TO CV
M17B	MSR 2B 4 TH PASS TO 5B HEATER
M18	MSR 2A & 2B 4 TH PASS TO CONDENSERS
M20	1B, 2B, 3B LP HEATER DRAINS TO CONDENSER
M21	STEAM EXTRACTION TO PRESEP TANK "B" & 4B LP HTR
M22	STEAM EXTRACTION TO PRESEP TANK "A" & 4A LP HTR
M31	MSR 1A & 1B TO HEATER DRAIN TANK & CONDENSER
M32	MSR 2A & 2B TO HEATER DRAIN TANK
M33	MSR 1A, 1B, 2A, 2B TO HTR DRAIN TANK
M41B	5B HP HEATER DRAIN TO 4B LP HEATER
M45	PRESEPARATOR A/B TO HTR DRAIN TK & CONDENSER
M46B	PRESEPARATOR A/B TO HEATER DRAIN TANK
M75	STEAM EXTRACTION TO 5A & 5B HEATERS
M81	FEEDWATER DISCHARGE (TURBINE BLDG)
M82	FEEDWATER DISCHARGE (INTERMEDIATE BLDG)
M83	FW DISCHARGE (INTERMEDIATE & FACADE)
M84	FEEDWATER TO S/G 1A
M88A	S/G BLOWDOWN LINES (INTERMEDIATE BLDG)
M88D	S/G BLOWDOWN TO FLASH TANK (TURBINE BLDG)
M90	FEEDWATER CLEANUP (CV-18)
M91	FEEDWATER CLEANUP (CV-19)
M92	MAIN FEEDWATER PUMP RECIRCULATION
M93	FEEDWATER BY-PASS LINE
M110	HEATER DRAIN TANK TO CONDENSER

**R. E. Ginna Nuclear Power Plant
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Fourth Interval (2000-2009), Second Period, Second Outage (2005)**

M6

FEEDWATER SUCTION TO PUMPS A/B

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-102	27B	P	0.375"	0.247"	0.309"	83%	UT
BOP-UT-05-101	28	E	0.375"	0.250"	0.379"	> 88%	UT
BOP-UT-05-104	29	P	0.375"	0.245"	0.341"	> 88%	UT

M11A

MSR 1A & 1B 2ND PASS DRAIN

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-078	41	N	1.500" / 0.500"	0.303"	0.478"	> 88%	UT
BOP-UT-05-077	41A	E	0.432"	0.265"	0.345"	79 %	UT
BOP-UT-05-086	41B	P	0.432"	0.264"	0.424"	> 88%	UT
BOP-UT-05-080	41C	R	0.500" / 0.432"	0.323"	0.453"	> 88%	UT
BOP-UT-05-085	42	E	0.432"	0.265"	0.372"	86 %	UT
BOP-UT-05-079	43	P	0.432"	0.264"	0.415"	> 88%	UT
BOP-UT-05-084	73B	P	0.432"	0.264"	0.401"	> 88%	UT

M12A

MSR 1A & 1B 2nd PASS TO HEATER & CONDENSER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-115	40A	N	0.594"	0.216"	0.537"	> 88%	UT
BOP-UT-05-096	90	P	0.594"	0.297"	0.608"	> 88%	UT
BOP-UT-05-156	91	P	1.031"	0.516"	0.995"	> 88%	UT
BOP-UT-05-094	104C	P	0.432"	0.216"	0.418"	> 88%	UT
BOP-UT-05-095	105	E	0.432"	0.226"	0.321"	74%	UT
BOP-UT-05-100	106	P	0.432"	0.223"	0.271"	62%	UT
BOP-UT-05-098	106A	R	0.432" / 0.594"	0.221" / 0.302"	0.411"	> 88%	UT

M12B

MSR 2A & 2B 2nd PASS TO 5B HEATER & CONDENSER

REPORT # NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-180	63	R	0.432"	0.266"	0.460"	> 88%	UT
BOP-UT-05-119	72	N	0.594"	0.216"	0.550"	> 88%	UT

M15A

MSR 1A, 4TH PASS TO 5A HEATER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-342	35	P	0.300"	0.177"	0.302"	> 88%	RT
BOP-RT-05-343	35A	R	0.300" / 0.179"	0.136" / 0.090"	0.324"	> 88%	RT
BOP-RT-05-344	35B	P	0.179"	0.090"	0.184"	> 88%	RT
BOP-RT-05-352	36A	R	0.300" / 0.179"	0.136" / 0.090"	0.210"	70%	RT
BOP-RT-05-353	36B	R	0.337" / 0.218"	0.169" / 0.109"	0.210"	> 88%	RT
BOP-RT-05-354	37	P	0.337"	0.169"	0.345"	> 88%	RT
BOP-RT-05-349	39	P	0.337"	0.169"	0.335"	> 88%	RT
BOP-RT-05-350	40	E	0.337"	0.169"	0.302"	> 88%	RT
BOP-RT-05-351	41	P	0.337"	0.169"	0.328"	> 88%	RT

Fourth Interval (2000-2009), Second Period, Second Outage (2005)

M15B **MSR 1A 4TH PASS TO 5A HEATER**

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-345	87	P	0.300"	0.177"	0.303"	> 88%	RT
BOP-RT-05-346	87A	R	0.300" / 0.179"	0.136"/0.090"	0.291"	> 88%	RT
BOP-RT-05-347	87B	P	0.179"	0.090"	0.184"	> 88%	RT

M16 **MSR 1A & 1B, 4TH PASS TO CONDENSER**

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-340	12	V-2405	VALVE APPEARS TO BE NOT CLOSED COMPLETELY, WARM TO TOUCH.				RT
BOP-RT-05-348	17	E	0.300"	0.164"	0.290"	> 88%	RT
BOP-RT-05-358	17A	P	0.300"	0.164"	0.311"	> 88%	RT

M17A MSR 2A TO HTR 5B, TO CV

REPORT #	COMP. TYPE ID		NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-355	36	P	0.337"	0.176"	0.290"	86%	RT
BOP-RT-05-356	36A	R	0.300" / 0.179"	0.136" / 0.090"	0.303"	> 88%	RT
BOP-RT-05-357	36B	P	0.179"	0.090"	0.168"	> 88%	RT

M17B **MSR 2B, 4TH PASS TO 5B HEATER**

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-220	51	P	0.432"	0.264"	0.413"	> 88%	UT
BOP-UT-05-222	52	E	0.432"	0.264"	0.389"	> 88%	UT
BOP-UT-05-221	52A	P	0.432"	0.264"	0.841"	> 88%	UT
BOP-UT-05-242	53	TANK	1.000"	0.755"	0.941"	> 88%	UT
BOP-UT-05-243	54	P	0.300"	0.164"	0.283"	> 88%	UT
BOP-UT-05-244	55	E	0.300"	0.165"	0.262"	87%	UT
BOP-UT-05-245	57	E	0.300"	0.165"	0.294"	> 88%	UT
BOP-RT-05-359	87	P	0.300"	0.176"	0.257"	86%	RT
BOP-RT-05-360	87A	R	0.300" / 0.179"	0.136"/0.090"	0.281"	> 88%	RT
BOP-RT-05-361	87B	P	0.179"	0.090"	0.178"	> 88%	RT

M18 **MSR 2A & 2B 4th PASS TO CONDENSER**

REPORT #	COMP. TYPE ID	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-341	39	V-2429	NOTE: VALVE IS APPARENTLY CLOSED & COOL TO THE TOUCH.			RT
BOP-RT-05-362	45	P	0.300"	0.164"	0.278"	> 88%
BOP-RT-05-363	45A	R	0.300" / 0.179"	0.164"/ 0.090"	0.164"	
BOP-RT-05-364	45B	P	0.179"	0.093"	0.155"	> 88%

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M20 1B, 2B, 3B LP HEATER DRAINS TO CONDENSER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-215	27	P	0.500"	0.250"	0.431"	86%	UT
BOP-UT-05-228	28	E	0.500"	0.250"	0.445"	> 88%	UT
BOP-UT-05-227	29	P	0.500"	0.250"	0.424"	84%	UT

M21 STEAM EXTRACTION TO PRESEP TANK "B" & 4B LP HEATER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-179	36D	P	0.375"	0.193"	0.309"	82%	UT
BOP-UT-05-110	40	E	0.375"	0.201"	0.277"	72%	UT
BOP-UT-05-183	40	E	0.375"	0.201"	0.273"	72%	UT
BOP-UT-05-109	41	P	0.375"	0.195"	0.218"	57%	UT
BOP-UT-05-182	41	P	0.375"	0.195"	0.217"	57%	UT
BOP-UT-05-108	41A	N	0.375"	0.200"	0.270"	72%	UT

M22 STEAM EXTRACTION TO PRESEP TANK "A" & 4A LP HEATER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-213	15A	N/P	0.843"	0.425"	0.741"	87%	UT
NOTE: INLET NOZZLE "X" OF THE 1A PRESEPARATOR.							
BOP-UT-05-212	26A	N/P	0.843"	0.425"	0.679"	80%	UT
NOTE: INLET NOZZLE "W" OF THE 1A PRESEPARATOR.							
BOP-UT-05-204	37A	P	0.375"	0.199"	0.198"	52%	UT
NOTE: ACTION REPORT 2005-1444.							
BOP-UT-05-231	37B	P	0.375"	0.193"	0.302"	80%	UT
BOP-UT-05-249	42	P	0.375"	0.188"	0.329"	87%	UT

M31 MSR 1A & 1B TO HEATER DRAIN TANK & CONDENSER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-099	35	E	0.594"	0.297"	0.584"	> 88%	UT
BOP-UT-05-106	36	P	0.594"	0.297"	0.591"	> 88%	UT
BOP-RT-05-408	44	P	0.432"	0.219"	0.410"	> 88%	RT
BOP-RT-05-407	45	E	0.432"	0.219"	0.250"	58%	RT

M32 MSR 2A & 2B TO HEATER DRAIN TANK

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-097	22	E	0.594"	0.297"	0.564"	> 88%	UT

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M33

MSR 1A, 1B, 2A, 2B TO HTR DRAIN TANK

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-130	33	E	0.432"	0.220"	0.378"	87%	UT
BOP-UT-05-129	34	P	0.432"	0.220"	0.401"	> 88%	UT
BOP-UT-05-120	35	E	0.432"	0.220"	0.402"	> 88%	UT
BOP-UT-05-128	36	E	0.432"	0.220"	0.395"	> 88%	UT

M41B

5B HP HEATER DRAIN TO 4B LP HEATER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-140	41	E	0.432"	0.221"	0.407"	> 88%	UT
BOP-UT-05-087	65	P	0.594"	0.298"	0.538"	> 88%	UT
BOP-UT-05-088	65A	N	0.594"	0.300"	0.408"	68%	UT

M45

PRESEPARATOR A/B TO HTR DRAIN TK & CONDENSER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-123	21	E	0.432"	0.218"	0.378"	87%	UT
BOP-UT-05-122	22	P	0.432"	0.217"	0.365"	84%	UT
BOP-UT-05-121	23	E	0.432"	0.218"	0.390"	> 88%	UT

M46B

PRESEPARATOR A/B TO HEATER DRAIN TANK

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-132	01A	P	0.432"	0.217"	0.410"	> 88%	UT
BOP-UT-05-144	06A	P	0.432"	0.173"	0.419"	> 88%	UT
BOP-UT-05-145	08	P	0.432"	0.173"	0.421"	> 88%	UT
BOP-UT-05-187	11A	R	0.432" / 0.337"	0.302"/0.236"	0.301"	> 88%	UT
BOP-UT-05-146	61A	P	0.432"	0.173"	0.423"	> 88%	UT
BOP-UT-05-147	63	P	0.432"	0.173"	0.421"	> 88%	UT
BOP-UT-05-186	66A	R	0.432" / 0.337"	0.302"/0.236"	0.354"	87%	UT

M75

STEAM EXTRACTION TO 5A & 5B HEATERS

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-226	05A	P	0.375"	0.228"	0.296"	78%	UT
BOP-UT-05-191	10	P	0.375"	0.222"	0.259"	69%	UT
BOP-UT-05-202	12A	P	0.375"	0.277"	0.349"	> 88%	UT
BOP-UT-05-117	15B	P	0.375"	0.229"	0.316"	84%	UT
BOP-UT-05-116	15C	N	0.375"	0.229"	0.318"	84%	UT
BOP-UT-05-081	23A	P	0.375"	0.219"	0.274"	73%	UT
BOP-UT-05-256	23A	P	0.375"	0.219"	0.355"	> 88%	UT
BOP-UT-05-083	24	E	0.375"	0.236"	0.320"	> 88%	UT
BOP-UT-05-255	24	E	0.375"	0.236"	0.350"	> 88%	UT
BOP-UT-05-082	25	P	0.375"	0.237"	0.305"	81%	UT
BOP-UT-05-254	25A	P	0.375"	0.219"	0.361"	> 88%	UT
BOP-UT-05-253	25B	P	0.375"	0.219"	0.354"	> 88%	UT
BOP-UT-05-252	29	P	0.375"	0.237"	0.326"	87%	UT
BOP-UT-05-248	29A	P	0.375"	0.271"	0.288"	76%	UT

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M81 FEEDWATER DISCHARGE (TURBINE BLDG)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-138	06	R	0.938" / 0.844"	0.695"/0.633"	0.809"/ 0.732"	86%	UT
BOP-UT-05-026	06	R	0.938" / 0.844"	0.695"/0.633"	1.071"/ 0.806"	> 88%	UT
BOP-UT-05-033	06A	P	0.938"	0.697"	0.762"	81%	UT
BOP-UT-05-137	06A	P	0.938"	0.697"	0.755"	80%	UT
BOP-UT-05-139	19	R	0.938" / 0.844"	0.601"/0.548"	0.850"/0.827"	> 88%	UT
BOP-UT-05-192	29	E	0.938"	0.602"	0.843"	>88%	UT

M82 FEEDWATER DISCHARGE (INTERMEDIATE BLDG)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-092	04A	P	0.938"	0.601"	0.906"	> 88%	UT
BOP-UT-05-105	04B	P	0.938"	0.601"	0.906"	> 88%	UT
BOP-UT-05-093	04C	P	0.938"	0.601"	0.874"	> 88%	UT

M83 FEEDWATER DISCHARGE (INTERMEDIATE BLDG & FACADE)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-090	03A	P	0.938"	0.601"	0.924"	> 88%	UT
BOP-UT-05-091	03B	P	0.938"	0.601"	0.938"	> 88%	UT
BOP-UT-05-089	03C	P	0.938"	0.601"	0.861"	> 88%	UT
BOP-UT-05-184	07A	P	0.938"	0.603"	0.864"	> 88%	UT
BOP-UT-05-206	09	E	0.938"	0.602"	0.856"	> 88%	UT
BOP-UT-05-207	10	P	0.938"	0.602"	0.841"	> 88%	UT
BOP-UT-05-208	11	E	0.938"	0.602"	0.899"	> 88%	UT
BOP-UT-05-209	12	P	0.938"	0.602"	0.890"	> 88%	UT

M84 FEEDWATER TO S/G 1A (INSIDE CVNT)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-224	11	E	0.938"	0.602"	0.821"	87%	UT

M88A S/G BLOWDOWN LINES (INTERMEDIATE BLDG.)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-409	20	E	0.300"	0.168"	0.281"	> 88%	RT
BOP-RT-05-410	73	E	0.300"	0.168"	0.268"	> 88%	RT
BOP-RT-05-411	75	E	0.300"	0.168"	0.307"	> 88%	RT
BOP-RT-05-412	76	E	0.300"	0.167"	0.301"	> 88%	RT

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M88D

S/G BLOWDOWN TO FLASH TANK (TURBINE BLDG.)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-413	17	E	0.300"	0.168"	0.286"	> 88%	RT
BOP-RT-05-365	19	E	0.300"	0.167"	0.289"	> 88%	RT
BOP-RT-05-366	20	P	0.300"	0.166"	0.319"	> 88%	RT
BOP-UT-05-367	21	E	0.300"	0.167"	0.276"	> 88%	UT
BOP-UT-05-368	26	E	0.300"	0.168"	0.284"	> 88%	UT

M90

FEEDWATER CLEAN UP (CV-18)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-239	30	P	0.432"	0.264"	0.421"	> 88%	UT
BOP-UT-05-241	31	E	0.432"	0.221"	0.384"	> 88%	UT
BOP-UT-05-240	32	P	0.432"	0.219"	0.421"	> 88%	UT

M91

FEEDWATER CLEAN UP (CV-19)

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-232	33	R	0.432" / 0.337"	0.221"/0.173"	0.343"	> 88%	UT
BOP-UT-05-233	34	E	0.432"	0.222"	0.414"	> 88%	UT
BOP-UT-05-234	35	P	0.432"	0.222"	0.428"	> 88%	UT
BOP-UT-05-148	36	E	0.432"	0.173"	0.389"	> 88%	UT
BOP-UT-05-151	37	P	0.432"	0.173"	0.418"	> 88%	UT
BOP-UT-05-152	38	E	0.432"	0.173"	0.395"	> 88%	UT
BOP-UT-05-153	39	P	0.432"	0.173"	0.416"	> 88%	UT
BOP-UT-05-154	40	R	0.432" / 0.337"	0.173"/0.135"	0.386"	> 88%	UT
BOP-UT-05-155	41	P	0.337"	0.135"	0.317"	> 88%	UT

M92

MAIN FEEDWATER PUMP RECIRCULATION

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-126	71	P	0.594"	0.370"	0.567"	> 88%	UT
BOP-UT-05-127	72	P	0.594"	0.370"	1.714"	> 88%	UT

M93

FEEDWATER BYPASS LINE

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-133	27	E	0.337"	0.241"	0.312"	> 88%	UT
BOP-UT-05-134	28	P	0.337"	0.232"	0.325"	> 88%	UT
BOP-UT-05-135	33	E	0.337"	0.232"	0.285"	84%	UT
BOP-UT-05-136	34	P	0.337"	0.232"	0.265"	78%	UT

M110

HEATER DRAIN TANK TO CONDENSER

REPORT #	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-107	18	R	0.688" / 0.500"	0.344"/0.250"	0.499"	>88%	UT

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S-Figures: Erosion Corrosion ISI Program Isometric for Small-Bore Line Components

Systems of Examined Components

Component thickness measurements were performed on the following systems:

S-FIGURE

SYSTEMS

S-1	MS TURBINE SHELL HEAT FLANGE (NORTH) HOT
S-3	MS TURBINE SHELL HEAT FLANGE (NORTH) DRAIN VALVE ¾" 2912
S-4	MS DRAINS FROM MSR 1A & 1B TO CONDENSER
S-7	TURBINE SHELL HEAT FLANGE (SOUTH) DRAINS
S-13	MS VALVE 3675 TO CONDENSER "A"
S-16	MS - FROM 30" THROUGH V3521 TO "A" CONDENSER DRAIN HEADER & V3605
S-21	MS - 30" THROUGH V3520 TO "A" CONDENSER DRAIN HEADER
S-23	MS 12" - THROUGH V3850 PAST V2918 TO HP TURBINE
S-24	MS - FROM 12" LINE THROUGH V3845 PAST V2520 TO HP TURBINE
S-25	MS - FROM 12" LINE THROUGH V3860
S-26	MS 12" LINE THROUGH V3855 PAST V3856A TO HP TURBINE
S-27	GLAND STEAM - "A" & "B" CONDENSERS THROUGH LGS01, LGS02, LGS03, LGS04
S-31	MSR - FROM "2B" THROUGH V2487 & LMS14, LMS13, V2495 BACK TO MSR-2B
S-36	FW HEATER VENTS - FROM 3A & 3B HTRS TO "A" & "B" CONDENSERS
S-37	EXTRACTION STEAM 14" - FROM V1906 & V1907 TO MAIN CONDENSER "A" THRU V1973 & V1972
S-41	EXTRACTION STEAM - FROM 12" LINE THRU V5697, V5650 & V5653 TO MAIN CONDENSER "A"
S-42	EXTRACTION STEAM - FROM 12" LINE THRU V5696, V5645 & V5648 TO MAIN CONDENSER "A"
S-48	GLAND STEAM FROM 6" LINE THROUGH V2936, 2925, 2927 TO MAIN CONDENSER "A" HOTWELL
S-53	MAIN STEAM FROM 24" LINE THROUGH V3870, 3837B, 3545A & 3545.
S-56	MS FROM 24" LINE THROUGH V8511, 3599, 3601 TO MAIN CONDENSER "A".
S-57	GLAND STEAM FROM HP TURBINE THROUGH LGS05 & LGS08 TO 12" LINE V3881 & 3834.
S-59	GLAND STEAM FROM 31" LINE THROUGH V3558, 3554 TOWARDS GLAND STEAM CONDENSER.
S-64	MOISTURE SEPARATOR REHEATER - WARM BYPASS TO V3425
S-65	MOISTURE SEPARATOR REHEATER - FROM 8" MS THROUGH V8506, 8507, 8508, 8509 TO CONDENSER "A"
S-66	FW HTR VENTS- FROM 4A & 4B LP HTRS TO CONDENSER "B" THROUGH V4427, 4425, 4428, 4426
S-67	FW HTR VENTS- FROM 5A & 5B LP HTRS TO CONDENSER "B" THROUGH V 4411, 4413, 4412, 4414
S-69	MS - FROM V 3544 THROUGH V 7786 TO MAIN CONDENSER "A"
S-70	MS - FROM V8517, V3584 & V3422 TO SMS11, SMS12, SMS13, SMS14
S-71	MS DRAIN -FROM AFTERCOOLER (ECD07B) THRU V3235 TO MAIN CONDENSER "B"
S-73	EXTRACTION STEAM - ¾" LINE NEAR V5722 THROUGH ZGS07 TO 12" HEADER TO CONDENSER "A"
S-79	MSR - FROM RELIEF VALVE HEADER THROUGH V3664, 3663, 3662 TO 8" LINE TO CONDENSER "B"
S-80	CONDENSATE - FROM 12" LINE THRU V4151 & V4100 TO HEATER DRAIN TANK (TFW01)

S-1

MS TURBINE SHELL HEAT FLANGE (NORTH) HOT

REPORT NUMBER	COMP ID	TYPE	NOMINAL WALL	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-240	01	P	0.154"	0.077"	0.155"	> 88%	RT
BOP-RT-05-241	2909	V	0.154"	0.077"	0.257"	> 88%	RT
BOP-RT-05-242	02	P	0.154"	0.077"	0.164"	> 88%	RT
BOP-RT-05-243	03	E	0.154"	0.077"	0.252"	> 88%	RT
BOP-RT-05-244	04	P	0.154"	0.077"	0.199"	> 88%	RT
BOP-RT-05-245	05	E	0.154"	0.077"	0.327"	> 88%	RT
BOP-RT-05-246	06	P	0.154"	0.077"	0.190"	> 88%	RT

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S3 MS TURBINE SHELL HEAT FLANGE (NORTH) DRAIN VALVE ¾" 2912

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-247	57	E	0.154"	0.077"	0.250"	> 88%	RT
BOP-RT-05-248	58	P	0.154"	0.077"	0.110"	71%	RT
NOTE: ACTION REPORT 204-3292, REPLACED DURING RFO2005. WO # 20404638.							
BOP-RT-05-249	59	E	0.154"	0.077"	0.248"	> 88%	RT
BOP-RT-05-250	60	P	0.154"	0.077"	0.083"	53%	RT
NOTE: ACTION REPORT 204-3292, REPLACED DURING RFO2005. WO # 20404638.							
BOP-RT-05-251	61	E	0.154"	0.077"	0.245"	> 88%	RT
BOP-RT-05-252	62	P	0.154"	0.077"	0.173"	> 88%	RT

S4 MS DRAINS FROM MSR 1A & 1B TO CONDENSER

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-253	01	P	0.154"	0.077"	0.153"	> 88%	RT
BOP-RT-05-254	02	E	0.154"	0.077"	0.255"	> 88%	RT
BOP-RT-05-255	03	P	0.154"	0.077"	0.153"	> 88%	RT

S7 TURBINE SHELL HEAT FLANGE (SOUTH) DRAINS

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-256	03	P	0.154"	0.077"	0.168"	> 88%	RT
BOP-RT-05-257	04	E	0.154"	0.077"	0.341"	> 88%	RT
BOP-RT-05-258	05	P	0.154"	0.077"	0.147"	> 88%	RT
BOP-RT-05-259	06	V	0.154"	0.077"	0.241"	> 88%	RT
BOP-RT-05-260	07	P	0.154"	0.077"	0.142"	> 88%	RT

S13 MS VALVE 3675 TO CONDENSER "A"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-261	11	P	0.179"	0.090"	0.214"	> 88%	RT
BOP-RT-05-262	12	E	0.179"	0.090"	0.295"	> 88%	RT
BOP-RT-05-263	13	P	0.179"	0.090"	0.183"	> 88%	RT

S16 MS - FROM 30" THROUGH V3521 TO "A" CONDENSER DRAIN HEADER & V3605

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-264	73	P	0.154"	0.077"	0.147"	> 88%	RT
BOP-RT-05-265	74	E	0.154"	0.077"	0.237"	> 88%	RT
BOP-RT-05-266	75	P	0.154"	0.077"	0.152"	> 88%	RT

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S21

MS – 30" THROUGH V3520 TO "A" CONDENSER DRAIN HEADER

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-267	42	P	0.154"	0.077"	0.146"	> 88%	RT
BOP-RT-05-268	43	U	0.154"	0.077"	0.212"	> 88%	RT
BOP-RT-05-280	44	P	0.154"	0.077"	0.159"	> 88%	RT
BOP-RT-05-281	45	E	0.154"	0.077"	0.217"	> 88%	RT
BOP-RT-05-282	46	P	0.154"	0.077"	0.133"	86%	RT

S23

MS 12" – THROUGH V3850 PAST V2918 TO HP TURBINE

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-209	24	E	0.200"	0.101"	0.149"	74%	RT
BOP-RT-05-203	25	E	0.200"	0.101"	0.149"	74%	RT
BOP-RT-05-204	26	P	N/A	N/A	N/A	N/A	RT
BOP-RT-05-205	27	P	0.200"	0.101"	0.173"	86%	RT
BOP-RT-05-206	30	P	0.179"	0.090"	0.132"	73%	RT
BOP-RT-05-207	31	E	0.179"	0.090"	0.150"	> 88%	RT
BOP-RT-05-208	32	P	0.179"	0.090"	0.186"	> 88%	RT

S24

MS – FROM 12" LINE THROUGH V3845 PAST V2520 TO HP TURBINE

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-198	22	E	0.200"	0.101"	0.162"	81%	RT
BOP-RT-05-199	23	E	0.200"	0.101"	0.162"	81%	RT
BOP-RT-05-200	24	P	N/A	N/A	N/A	N/A	RT
BOP-RT-05-201	25	P	0.200"	0.101"	0.144"	72%	RT
BOP-RT-05-202	27	P	0.200"	0.101"	0.195"	> 88%	RT
BOP-RT-05-179	28	P	0.179"	0.090"	0.083"	41%	RT
NOTE: ACTION REPORT 2004-2458, REPLACED DURING RFO 2005 WO# 20403834.							
BOP-RT-05-180	29	E	0.179"	0.090"	0.174"	> 88%	RT
BOP-RT-05-181	30	P	0.179"	0.090"	0.174"	> 88%	RT

S25

MS – FROM 12" LINE THROUGH V3860

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-318	02	E	0.200"	0.101"	0.265"	> 88%	RT
BOP-RT-05-317	03	P	0.200"	0.101"	0.164"	82%	RT
BOP-RT-05-325	04	E	0.200"	0.101"	0.289"	> 88%	RT
BOP-RT-05-326	05	P	0.200"	0.101"	0.167"	82%	RT

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S27 GLAND STEAM – "A" & "B" CONDENSERS THROUGH LGS01, LGS02, LGS03, LGS04

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-225	18	P	0.179"	0.090"	0.172"	> 88%	RT
BOP-RT-05-226	19	P	0.179"	0.090"	0.172"	> 88%	RT

S31 MSR – FROM "2B" THROUGH V2487 & LMS14, LMS13, V2495 BACK TO MSR-2B

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-283	14	P	0.200"	0.101"	0.221"	> 88%	RT
BOP-RT-05-284	15	P	0.200"	0.101"	0.200"	> 88%	RT
BOP-RT-05-285	16	P	0.200"	0.101"	0.204"	> 88%	RT
BOP-RT-05-286	17	T	0.200"	0.101"	0.283"	> 88%	RT
BOP-RT-05-287	22	P	0.200"	0.101"	0.221"	> 88%	RT

S36 FW HEATER VENTS – FROM 3A & 3B HTRS TO "A" & "B" CONDENSERS

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-222	08	E	0.200"	0.100"	0.243"	> 88%	RT
BOP-RT-05-223	09	P	0.200"	0.100"	0.196"	> 88%	RT
BOP-RT-05-224	10	T	0.200"	0.100"	0.313"	> 88%	RT

S37 EXTRACTION STEAM 14" – FROM V1906 & V1907 TO MAIN CONDENSER "A" THRU V1973 & V1972

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-288	42	P	0.200"	0.100"	0.188"	> 88%	RT
BOP-RT-05-289	43	T	0.200"	0.100"	0.266"	> 88%	RT
BOP-RT-05-290	48	P	0.200"	0.100"	0.191"	> 88%	RT
BOP-RT-05-291	49	E	0.200"	0.100"	0.150"	75%	RT
BOP-RT-05-292	50	P	0.200"	0.100"	0.127"	63%	RT

S41 EXTRACTION STEAM - FROM 12" LINE THRU V5697, V5650 & V5653 TO MAIN CONDENSER "A"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-227	29	P	0.200"	0.100"	0.181"	> 88%	RT
BOP-RT-05-228	30	E	0.200"	0.100"	0.195"	> 88%	RT
BOP-RT-05-229	31	P	0.200"	0.100"	0.146"	74%	RT

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S42 EXTRACTION STEAM - FROM 12" LINE THRU V5696, V5645 & V5648 TO MAIN CONDENSER "A"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-233	18	E	0.200"	0.100"	0.269"	> 88%	RT
BOP-RT-05-234	19	P	0.200"	0.100"	0.098"	49%	RT
NOTE: ACTION REPORT 2004-2503, REPLACED DURING RFO 2005, WO# 20403869.							
BOP-RT-05-230	29	P	0.200"	0.100"	0.212"	> 88%	RT
BOP-RT-05-231	30	E	0.200"	0.100"	0.250"	> 88%	RT
BOP-RT-05-232	31	P	0.200"	0.100"	0.085"	43%	RT
NOTE: ACTION REPORT 2004-2502, REPLACED DURING RFO2005, WO# 20403869.							

S48 GLAND STEAM FROM 6" LINE THROUGH V2936, 2925, 2927 TO MAIN CONDENSER "A" HOTWELL

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-182	68	P	0.154"	0.077"	0.148"	> 88%	RT
BOP-RT-05-183	69	E	0.154"	0.077"	0.229"	> 88%	RT
BOP-RT-05-184	70	P	0.154"	0.077"	0.157"	> 88% RT	

S53 MS FROM 24" LINE THROUGH V3870, 3837B, 3545A & 3545.

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-327	01	E	0.400"	0.200"	0.435"	> 88%	RT
BOP-RT-05-331	02	P	0.200"	0.101"	0.203"	> 88%	RT
BOP-RT-05-332	03	V	0.200"	0.101"	0.339"	> 88%	RT
BOP-RT-05-333	04	P	0.200"	0.101"	0.418"	> 88%	RT
BOP-RT-05-328	05	P	0.200"	0.101"	0.218"	> 88%	RT
BOP-RT-05-329	06	E	0.200"	0.101"	0.236"	> 88%	RT
BOP-RT-05-330	07	P	0.200"	0.101"	0.214"	> 88%	RT

S56 MS FROM 24" LINE THROUGH V8511, 3599, 3601 TO MAIN CONDENSER "A".

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-193	84	P	0.154"	0.077"	0.162"	> 88%	RT
BOP-RT-05-194	85	E	0.154"	0.077"	0.300"	> 88%	RT
BOP-RT-05-195	86	P	0.154"	0.077"	0.143"	> 88%	RT

S57 GLAND STEAM FROM HP TURBINE THROUGH LGS05 & LGS08 TO 12" LINE V3881 & 3834

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-293	26	P	0.179"	0.090"	0.185"	> 88%	RT
BOP-RT-05-294	27	E	0.179"	0.090"	0.268"	> 88%	RT
BOP-RT-05-295	28	P	0.179"	0.090"	0.190"	> 88%	RT
BOP-RT-05-296	29	E	0.179"	0.090"	0.292"	> 88%	RT
BOP-RT-05-297	30	P	0.179"	0.090"	0.181"	> 88%	RT

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S-59 GLAND STEAM FROM 31" LINE - V3558, 3554 TOWARDS GLAND STEAM CONDENSER.

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-339	14B	P	0.300"	0.150"	0.246"	82%	RT
BOP-RT-05-334	28	P	0.200"	0.100"	0.219"	> 88%	RT
BOP-RT-05-335	29	P	0.200"	0.100"	0.272"	> 88%	RT
BOP-RT-05-336	30	P	0.200"	0.100"	0.205"	> 88%	RT
BOP-RT-05-337	30A	E	0.200"	0.100"	0.371"	> 88%	RT
BOP-RT-05-338	30B	P	0.200"	0.100"	0.237"	> 88%	RT

S-64 MOISTURE SEPARATOR REHEATER – WARM BYPASS TO V3425

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-298	14	P	0.218"	0.116"	0.197"	> 88%	RT
BOP-RT-05-299	15	E	0.218"	0.116"	0.306"	> 88%	RT
BOP-RT-05-300	16	P	0.218"	0.116"	0.207"	> 88%	RT

S-65 MSR – FROM 8" MS THROUGH V8506, 8507, 8508, 8509 TO CONDENSER "A"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-301	23	P	0.218"	0.116"	0.215"	> 88%	RT
BOP-RT-05-302	24	E	0.218"	0.116"	0.294"	> 88%	RT
BOP-RT-05-303	25	P	0.218"	0.116"	0.211"	> 88%	RT
BOP-RT-05-475	BC	P	0.276"	0.145"	0.204"	74%	RT

S-66 FW HTR VENTS- FR 4A & 4B LP HTRS TO CONDENSER "B", V4427, 4425, 4428, 4426

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-220	11	E	0.179"	0.090"	0.159"	> 88%	RT
BOP-RT-05-221	12	P	0.179"	0.090"	0.089"	50%	RT
NOTE: ACTION REPORT 2004-2494, REPLACED DURING RFO2005, WO# 20403867.							
BOP-RT-05-235	63	P	0.179"	0.090"	0.123"	69%	RT
BOP-RT-05-236	64	E	0.179"	0.090"	0.179"	> 88%	RT
BOP-RT-05-237	67	P	0.179"	0.090"	0.137"	77%	RT
BOP-RT-05-238	68	E	0.179"	0.090"	0.156"	87%	RT

S-67 FW HTR VENTS- FR 5A & 5B LP HTRS TO CONDENSER "B", V 4411, 4413, 4412, 4414

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-196	13	T	0.179"	0.090"	0.260"	> 88%	RT
BOP-RT-05-197	25	T	0.179"	0.090"	0.231"	> 88%	RT

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S-69 MS – FROM V 3544 THROUGH V 7786 TO MAIN CONDENSER "A"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-189	37	E	0.200"	0.101"	0.264"	> 88%	RT
BOP-RT-05-190	38	P	0.200"	0.101"	0.187"	> 88%	RT
BOP-RT-05-191	39	E	0.200"	0.101"	0.257"	> 88%	RT
BOP-RT-05-192	40	P	0.200"	0.101"	0.215"	> 88%	RT

S-70 MS – FROM V8517, V3584 & V3422 TO SMS11, SMS12, SMS13, SMS14

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-219	01	T	0.200"	0.101"	0.164"	82%	RT
BOP-RT-05-218	31	T	0.179"	0.090"	0.212"	> 88%	RT

S-71 MS DRAIN –FROM AFTERCOOLER (ECD07B) THRU V3235 TO MAIN CONDENSER "B"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-305	52	P	0.179"	0.090"	0.162"	> 88%	RT
BOP-RT-05-306	53	E	0.179"	0.090"	0.221"	> 88%	RT
BOP-RT-05-307	54	P	0.179"	0.090"	0.162"	> 88%	RT

S-73 EXTRACTION STEAM – ¾" LINE NEAR V5722, ZGS07 TO 12" HEADER TO CONDENSER "A"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-185	15	E	0.154"	0.077"	0.284"	> 88%	RT
BOP-RT-05-186	16	P	0.154"	0.077"	0.147"	> 88%	RT
BOP-RT-05-187	17	E	0.154"	0.077"	0.154"	> 88%	RT
BOP-RT-05-188	18	P	0.154"	0.077"	0.150"	> 88%	RT

S-79 MSR – FROM RELIEF VALVE HEADER, V3664, 3663, 3662 TO 8" LINE TO CONDENSER "B"

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-308	40	P	0.191"	0.096"	0.212"	> 88%	RT
BOP-RT-05-309	41	V	0.191"	0.096"	0.128"	67%	RT
NOTE: ACTION REPORT 2004-3302, V-3666, ENGINEERING EVALUATION – ACCEPT.							
BOP-RT-05-310	42	P	0.191"	0.096"	0.216"	> 88%	RT
BOP-RT-05-311	43	V	0.191"	0.096"	0.328"	> 88%	RT
BOP-RT-05-312	44	P	0.191"	0.096"	0.227"	> 88%	RT
BOP-RT-05-313	45	E	0.191"	0.096"	0.269"	> 88%	RT
BOP-RT-05-314	46	P	0.191"	0.096"	0.222"	> 88%	RT

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S80 CONDENSATE – FROM 12" LINE THRU V4151 & V4100 TO HEATER DRAIN TANK (TFW01)

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-210	26	R	0.218"	0.109"	0.306"	> 88%	RT
BOP-RT-05-211	27	P	0.179"	0.090"	TOO THICK	N/A	RT
BOP-RT-05-212	28	P	0.179"	0.090"	0.165"	> 88%	RT
BOP-RT-05-213	36	P	0.179"	0.090"	0.171"	> 88%	RT
BOP-RT-05-214	37	P	0.179"	0.090"	TOO THICK	N/A	RT
BOP-RT-05-215	38	R	0.218"	0.109"	0.310"	> 88%	RT
BOP-RT-05-216	41	P	0.218"	0.109"	0.218"	> 88%	RT
BOP-RT-05-217	42	E	0.218"	0.109'	0.287"	> 88%	RT

33013-1904 EXTRACTION STEAM

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-093	V3827	P	0.280	0.140	0.268	> 88%	RT
BOP-RT-05-094	V3827	E	0.280	0.140	0.282	> 88%	RT
BOP-RT-05-095	V3827	E	0.280	0.140	0.295	> 88%	RT

33013-1271 RAD WASTE PROCESSING – PRIMARY DI ROOM

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-396	1	V18	0.109	0.063	0.127	> 88%	RT
BOP-RT-05-398	2	V18	0.109	0.063	0.123	> 88%	RT
BOP-RT-05-399	3	V18	0.109	0.063	0.121	> 88%	RT
BOP-RT-05-400	4	V18	0.109	0.063	0.118	> 88%	RT
BOP-RT-05-401	5	V18	0.109	0.063	0.119	> 88%	RT
BOP-RT-05-402	6	V18	0.109	0.063	0.115	> 88%	RT
BOP-RT-05-403	7	V18	0.109	0.063	0.119	> 88%	RT
BOP-RT-05-390	1	P	0.109	0.063	0.158	> 88%	RT
BOP-RT-05-391	2	P	0.109	0.063	0.120	> 88%	RT
BOP-RT-05-392	3	P	0.109	0.063	0.171	> 88%	RT
BOP-RT-05-393	4	P	0.109	0.063	0.103	> 88%	RT
BOP-RT-05-394	5	P	0.109	0.063	0.159	> 88%	RT
BOP-RT-05-395	6	P	0.109	0.063	0.150	> 88%	RT

33013-1273 RAD WASTE PROCESSING – "A" & "B" WASTE GAS COMPRESSOR

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-RT-05-397	U/S	P	0.140	0.063	0.120	> 88%	RT
BOP-RT-05-404	D/S	P	0.140	0.063	0.106	> 88%	RT
BOP-RT-05-405	U/S	P	0.140	0.063	0.159	> 88%	RT
BOP-RT-05-406	D/S	P	0.140	0.063	0.111	> 88%	RT

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WATER TREATMENT- CONDENSATE POLISHING SYSTEM

REPORT NUMBER	COMP. ID	TYPE	NOMINAL WALL 1	T-MIN.	MINIMUM READING	PERCENT NOMINAL	NDE METHOD
BOP-UT-05-056	01	E	0.375	0.281	0.325	86%	UT
BOP-UT-05-057	02	E	0.375	0.274	0.282	75%	UT
BOP-UT-05-058	03	P	0.375	0.281	0.306	81%	UT
BOP-UT-05-059	04	R	0.375	0.281	0.372	> 88%	UT
BOP-UT-05-060	05	E	0.375	0.281	0.381	> 88%	UT
BOP-UT-05-061	06	E	0.375	0.281	0.394	> 88%	UT
BOP-UT-05-074	01	E	0.365	0.274	0.272	72%	UT
BOP-UT-05-075	02	E	0.365	0.274	0.279	73%	UT
BOP-UT-05-076	03	E	0.365	0.274	0.267	71%	UT
BOP-UT-05-159	04	P	0.365	0.229	0.281	75%	UT
BOP-UT-05-160	05	P	0.365	0.229	0.297	81%	UT

Service Water

In addition to the Erosion/Corrosion Program, Service Water components were examined from plant drawings.

Drawing #

Plant System

C-381-358 Sheet 02:	SW- from Component Cooling HTX. To Anchor at Column "L".
C-381-358 Sheet 03:	SW- Return from Component Cooling Hx. To Column "Q".
C-381-358 Sheet 04:	SW- Supply Header to Distribution Manifold.
C-381-358 Sheet 05:	SW- Return from Spent Fuel Pit Heat Exchanger.
C-381-358 Sheet 06:	SW- Return from Spent Fuel Pit Heat Exchanger.
C-381-358 Sheet 07:	SW- Return from Penetration Cooling Coil Plenum.
C-381-358 Sheet 09:	SW- Int. Bldg. Above El.253'-6" from Pen. 308,315 & 323 to Col. 7
C-381-358 Sheet 10:	SW- Int. Bldg. Above 253'-6" fr Column 7 to Chiller 1A & 1B.
C-381-358 Sheet 11:	SW- Int. Bldg. Above 253'-6" fr Valve 4624C to 14" HDR.
C-381-358 Sheet 12:	SW- Int. Bldg. above El. 253' 6" from Pen. # 209 & # 201 to 14" Header.
C-381-358 Sheet 13:	SW- Int. Bldg. above 253'-6" from Hdr. to Pen. # 312, 316, 319, & 320.
C-381-358 Sheet 14:	SW- Int. Bldg. above 253'-6" - 16" & 20" Headers
C-381-358 Sheet 15:	SW- Int. Bldg. above 253'-6" from 14" HDR to Chillers 1A & 1B.
C-381-358 Sheet 16:	SW- Int. Bldg. from 14" Header to PEN 201 & 209.
C-381-358 Sheet 17:	SW- From Main 20" Header to M.D. Aux. FW pumps 1A & 1B
C-381-358 Sheet 26:	SW to Containment Recirculation Cooling units (1a & 1b) Motors
C-381-358 Sheet 29:	Station Service Water from Pen. 209 to Reactor Cavity Cooler.
C-381-358 Sheet 34:	"A" & "B" Service Water Pumps in Screen House.
C-381-024-1:	Service Water Suction line Loop B to Aux F.W. Pump
C-381-024-3:	Service Water Suction line Loop B to Aux F.W. Pump

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Service Water Result Details

The following list provides examination result in details on Service Water components, by drawing number and system description. The component type classification specified in the list below corresponds to the following:

P = Pipe E = Elbow R = Reducer/Expander T = Tee C = Cap N = Nozzle F = Flange

C-381-358 Sheet 2

SW - from Component Cooling HTX to Anchor "L"

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-UT-05-035	1420 - 1430	E	0.375"	0.200"	0.313"	83%	UT
BOP-UT-05-176	V4538	E	0.365"	0.186"	0.304"	81%	UT
BOP-UT-05-175	V4538	R	0.365"	0.186"	0.206"	56%	UT
BOP-UT-05-036	2120-2140	E& P	0.375"	0.219"	0.308"	82%	UT

C-381-358 Sheet 3

SW – return from Component Cooling HTX, V-4619, 4620, 8689

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-UT-05-157	1580	P	0.375"	0.219"	0.283"	75%	UT
BOP-UT-05-027	1105	F	0.365"	0.247"	0.484"	>88%	UT
BOP-UT-05-034	1105-1110	P	0.375"	0.247"	0.40"	> 88%	UT
BOP-UT-05-028	1110	R	0.365"	0.247"	0.330"	>88%	UT
BOP-UT-05-031	1120	E	0.365"	0.247"	0.339"	>88%	UT
BOP-UT-05-032	1130	P	0.365"	0.247"	0.362"	>88%	UT
BOP-UT-05-170	1105	F	0.365"	0.247"	0.488"	>88%	UT
BOP-UT-05-169	1110	R	0.365"	0.247"	0.333"	>88%	UT
BOP-UT-05-171	1120	E	0.365"	0.247"	0.340"	>88%	UT
BOP-UT-05-172	1130	P	0.365"	0.247"	0.361"	>88%	UT
BOP-UT-05-070	2640	P	0.365"	0.231"	0.233"	62%	UT
BOP-UT-05-069	2650	E	0.365"	0.231"	0.301"	80%	UT
BOP-UT-05-068	2660	P	0.365"	0.231"	0.325"	86%	UT
BOP-UT-05-038	2690	R	0.375"	0.247"	0.40"	>88%	UT
BOP-UT-05-066	2690	R	0.375"	0.247"	0.319"	85%	UT
BOP-UT-05-037	2690-2680	E	0.375"	0.247"	0.127"	33%	UT
BOP-UT-05-067	2690-2680	E	0.375"	0.247"	0.425"	> 88%	UT

C-381-358 Sheet 4

SW- Supply Header to Distribution Manifold.

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-115	530-550	P	0.216"	0.101"	0.173"	80%	RT

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C-381-358 Sheet 5

SW- Return from Spent Fuel Pit Heat Exchanger.

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-UT-05-045	2410-2420	E	0.280"	0.137"	0.216"	77%	UT

C-381-358 Sheet 6

SW- Return from Spent Fuel Pit Heat Exchanger.

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-163	500-510	P	0.280"	0.137"	0.208"	74%	RT
BOP-RT-05-164	510-520	E	0.280"	0.137"	0.225"	80%	RT
BOP-RT-05-165	520-540	E	0.280"	0.137"	0.247"	88%	RT
BOP-RT-05-166	540-550	N	0.280"	0.137"	0.224"	80%	RT

C-381-358 Sheet 7

SW- Return from Penetration Cooling Coil Plenum.

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-117	1380-1400	T	0.216"	0.101"	0.182"	84%	RT

C-381-358 Sheet 9

SW- Intermediate Bldg. Above El. 253'-6" from Pen. 308, 315 & 323 to Col. 7

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-UT-05-188	380	P	0.375"	0.200"	0.269"	72%	UT
BOP-UT-05-177	1830-1860	P	0.322"	0.161"	0.257"	80%	UT

C-381-358 Sheet 10

SW- Int. Bldg. Above 253'-6" fr Column 7 to Chiller 1A & 1B.

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-UT-05-039	1130-1140	E	0.237"	0.113"	0.162"	68%	UT

C-381-358 Sheet 11

SW- Int. Bldg. Above 253'-6" fr Valve 4624C to 14" HDR.

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-119	V4655	P	0.113"	0.064"	0.069"	61%	RT

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C-381-358 Sheet 12		SW - Int. Bldg. above El. 253' 6" from Pen. 209& 201 to 14" Header						
Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method	
BOP-RT-05-113	PEN201 4070	E	0.154"	0.072"	0.146"	88%	RT	
BOP-RT-05-114	PEN209 3870	E	0.154"	0.072"	0.134"	87%		
RT								
C-381-358 Sheet 13		SW- Intermediate Bldg. Above 253'-6" from Header to Pen. # 312, 316, 319, & 320.						
Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method	
BOP-UT-05-161	PEN316 3000	E	0.322"	0.161"	0.301"	93%	UT	
BOP-UT-05-162	PEN316 3020	P	0.322"	0.161"	0.242"	75%		
UT								
C-381-358 Sheet 14		SW- Int. Bldg. above 253'-6" – 16" & 20" Headers						
Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method	
BOP-RT-05-384	4510-4520	P	0.237"	0.142"	0.218"	92%	UT	
C-381-358 Sheet 15		SW- Int. Bldg. above 253'-6" from 14" HDR to Chillers 1A & 1B.						
Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method	
BOP-RT-05-118	1830-1870	P	0.216"	0.101"	0.111"	51%	RT	
C-381-358 Sheet 16		SW- Int. Bldg. from 14" Header to PEN 201 & 209						
Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method	
BOP-RT-05-112	PEN201 2570	E	0.154"	0.072"	0.148"	> 88%	RT	
BOP-RT-05-111	PEN209 2370	E	0.154"	0.072"	0.133"	> 88%	RT	
C-381-358 Sheet 17		SW- From Main 20" Header to M.D. Aux. FW pumps 1A & 1B						
Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method	
BOP-RT-05-378	275 D/S	E	0.237"	0.142"	0.225"	> 88%	RT	
BOP-RT-05-379	500 U/S	P	0.237"	0.142"	0.25"	> 88%	RT	
BOP-RT-05-380	495-490	P	0.237"	0.142"	0.23"	> 88%	RT	
BOP-RT-05-381	500-505	P	0.237"	0.142"	0.239"	> 88%	RT	
BOP-RT-05-382	505-515	P	0.237"	0.142"	0.241"	> 88%	RT	
BOP-RT-05-383	485-480	P	0.237"	0.142"	0.232"	> 88%	RT	

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C-381-358 Sheet 26

SW to Containment Recirculation Cooling Units (1A & 1B) Motors

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-471	1950-2300	P	0.154"	0.072"	0.174"	> 88%	RT

C-381-358 Sheet 29

Station Service Water from Pen. 209 to Reactor Cavity Cooler

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-472	10-20	P	0.203"	0.094"	0.132"	65%	RT
BOP-RT-05-472	20-30	P	0.203"	0.094"	0.182"	> 88%	RT
BOP-RT-05-472	30-40	P	0.203"	0.094"	0.177"	87%	RT
BOP-RT-05-472	40-50	P	0.203"	0.094"	0.189"	> 88%	RT
BOP-RT-05-472	50-80	P	0.203"	0.094"	0.183"	> 88%	RT

C-381-358 Sheet 34

"A" & "B" Service Water Pumps in Screen House

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-UT-05-055	2580-2590	E	0.375"	0.200"	0.310"	83%	UT
BOP-UT-05-056	2060-2080	E	0.375"	0.161"	0.270"	72%	UT

C-381-024 Sheet 1

SW-SUCTION LINE LOOP B TO AUX FW PUMP

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-116	60-90	E	0.237"	0.113"	0.130"	55%	UT

C-381-024 Sheet 3

SW-SUCTION LINE LOOP B TO AUX FW PUMP

Report Number	Component ID (NODE)	Type	Nominal Wall	T-Min. Value	Minimum Reading	Percent Nominal	NDE Method
BOP-RT-05-120	960-2960	E	0.237"	0.113"	0.205"	> 88%	UT