

Joseph E. Pacher  
Manager, Nuclear Engineering Services

R.E. Ginna Nuclear Power Plant, LLC  
1503 Lake Road  
Ontario, New York 14519-9364  
585.771.5208  
585.771.3392 Fax  
joseph.pacher@constellation.com



August 6, 2008

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 2008 Owners Activity Report for the**  
**R.E. Ginna Nuclear Power Plant**

Enclosed is a copy of the R.E. Ginna Owners Activity Report for the refueling outage conducted in 2008. This report is submitted as specified by ASME Code section XI.

There are no new commitments being made in this submittal. If you should have any questions regarding this submittal, please contact David F. Wilson at (585) 771-5219.

Very truly yours,

A handwritten signature in black ink, appearing to read "Joe Pacher", written over a horizontal line.

Joseph E. Pacher

Attachments: (1) 2008 Owners Activity Report for the Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI and First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL at R.E. Ginna Nuclear Power Plant

cc: S. J. Collins, NRC  
D. V. Pickett, NRC  
Resident Inspector, NRC

A047  
NER

1001998

bcc: C. W. Fleming, Esquire  
D. Skolnik

**COMMITMENTS IDENTIFIED IN THIS CORRESPONDENCE:**

- None
- 

**UFSAR/TSB Revision Required? No**

Attachment (1)

2008 Owners Activity Report  
for the  
Fourth Interval (2000-2009, Third Period, First Outage (2008) – ISI  
and  
First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL  
at  
R.E. Ginna Nuclear Power Plant

Constellation Energy  
111 Market Place, Baltimore, Maryland 21201

**2008 OWNERS ACTIVITY REPORT**

FOR THE

FOURTH INTERVAL (2000-2009), THIRD PERIOD, FIRST OUTAGE (2008) – ISI

AND

FIRST INTERVAL (1998-2008), THIRD PERIOD, SECOND OUTAGE (2008) –  
IWE/IWL

AT

**R. E. GINNA NUCLEAR POWER PLANT**  
1503 Lake Road, Ontario, NY 14519

Revision 0  
August 5, 2008

Prepared by: Frank Klepacki Date: 8/5/2008  
Frank Klepacki  
Ginna Station ISI Engineer

Approved by: Jay Wells Date: 8/5/2008  
Jay Wells  
Ginna Station  
General Supervisor Engineering Programs

Reviewed by: Edward L. Anderson Date: 8/5/2008  
Edward L. Anderson  
Corporate Principal Engineer Analyst

Approved by: William Campbell Date: 8/5/2008  
William Campbell  
Corporate Engineering  
General Supervisor Engineering Programs

**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) – ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) – IWE/IWL**

**TABLE OF CONTENTS**

Table of Contents .....	1
Abstract .....	2
Form OAR-1 Owner's Activity Report for Inservice Inspection Plan .....	4
Form OAR-1 Owner's Activity Report for Containment Inservice Inspection Plan .....	5
Table 1 Abstract of Examination and Tests.....	6
Table 2 Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service.....	8
Table 3 Abstract of Repairs, Replacements, or Corrective Measures Required for Continued Service.....	9

**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) – ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) – IWE/IWL**

**ABSTRACT**

This Owner's Activity Report summarizes the results of the R. E. Ginna Nuclear Power Plant, American Society of Mechanical Engineers (ASME) Section XI Inservice Inspection and Containment Inservice Examinations performed prior to and during the 2008 Refueling Outage, from April 20, 2008 through May 11, 2008.

As an alternate to the requirements of the ASME, Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, R. E. Ginna Nuclear Power Plant is implementing ASME Code Case N-532-1, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". Regulatory Guide 1.147, Revision 14, approved ASME Code Case N-532-1 for use. This Report complies with the requirements of Code Case N-532-1 and the conditions identified in RG 1.147.

**OWNER'S ACTIVITY REPORTS - FORM OAR-1**

Owner's Activity Reports Form OAR-1's were prepared and certified upon completion of the R. E. Ginna Nuclear Power Plant 2008 refueling outage examination activity in accordance with the following inspection plans and schedules:

- Inservice Inspection Program Plan for the Fourth Inspection Interval
- ISI Program Plan ASME XI, IWE/IWL First Inspection Interval

In addition to the Owner's Activity Report, Form OAR-1, the following Tables are also included:

- a. **Abstract of Examinations and Tests**, Table 1, provides such information as ASME Code Examination Category, Total Examinations Required for the Inspection Interval, Total Examinations Required for this Period, Total Examinations Credited (%) for this Period, Total Examinations Credited (%) to Date for the Interval, and any remarks that may be applicable to each Examination Category.
- b. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service**, Table 2, provides a listing of item(s) with service induced flaws or relevant conditions that required evaluation to determine acceptability for continued service, whether or not the flaw or relevant condition was discovered during a scheduled examination or test, and provides such information as Examination Category, Examination Item Number, Item Description and Service Induced Flaw Characterization (as required by IWA-3300).

**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL**

- c. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service.** Table 3, identifies those items containing flaws or relevant conditions that exceeded the ASME Section XI acceptance criteria (IWX-3000) or in the case of supports IWF-3000 acceptance criteria; even though the discovery of the flaw or relevant condition that necessitated the repair, replacement or corrective measure, may not have resulted from an examination or test required by Section XI, and provides such information as Code Class, whether the item is a repair, replacement or corrective action, item description, description of work, if the service induced flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

In accordance with ASME Section XI Code and with the exception of the examinations that may be deferred until the end of the inspection interval as specified within the applicable Table IWX-2500-1, including those examinations which R. E. Ginna Nuclear Power Plant has requested and received approval in the form of relief request, or incorporated program ASME Section XI Code Cases, the required examinations in each examination category have been completed in accordance with the R. E. Ginna Nuclear Power Plant ISI Program Schedule.

**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/TWL**

**FORM OAR-1 OWNER'S ACTIVITY REPORT**

Report Number GNPP-OAR-ISI-2008

Owner Constellation Energy Nuclear Group, LLC, 111 Market Place, Suite 200, Baltimore, MD 21202  
(Name and Address of Owner)

Plant R. E. Ginna Nuclear Power Plant, Unit One, 1503 Lake Road, Ontario, New York 14519  
(Name and Address of Plant)

Unit No. 1 Commercial Service Date July 1, 1970  
(if applicable)

Refueling Outage No. 33 (2008 RFO)

Current inspection interval Fourth Interval (2000-2009)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, other)

Current inspection period Third Period (First Outage - 2008 RFO)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>)

Edition and Addenda of Section XI applicable to the inspection plan ASME XI, 1995 Edition, 1996 Addenda

Date and revision of inspection plan 4/18/2008, Rev. 1

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan N/A

**Certificate of Conformance**

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of authorization no. N/A Expiration Date N/A  
(if applicable)

Signed W. Campbell W. Campbell, GS Corp. Eng. Programs Date 8/5/2008  
Owner or Owner's Designee, Title

**Certificate of Inservice Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by HSBCT of Hartford CT. have inspected the items described in this Owner's Activity Report, during the period 11/03/2006 to 5/11/2008, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this 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 the connected with this inspection.

Russell B. Miller R. B. Miller Commissions NY2498  
Inspectors Signature National Board, State, Province, and Endorsements  
Date 8/6/08

This form (E00126) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.



**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL**

**FORM OAR-1 OWNER'S ACTIVITY REPORT**

Report Number GNPP-OAR-IWE/L-2008

Owner Constellation Energy Nuclear Group, LLC, 111 Market Place, Suite 200, Baltimore, MD 21202  
(Name and Address of Owner)

Plant R. E. Ginna Nuclear Power Plant, Unit One, 1503 Lake Road, Ontario, New York 14519  
(Name and Address of Plant)

Unit No. 1 Commercial Service Date July 1, 1970  
(if applicable)

Refueling Outage No. 33 (2008 RFO)

Current inspection interval First Interval (1998-2008)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, other)

Current inspection period Third Period (Second Outage - 2008 RFO)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>)

Edition and Addenda of Section XI applicable to the inspection plan ASME XI, 1992 Edition, 1992 Addenda

Date and revision of inspection plan 4/18/2008, Rev. 1

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan N/A

**Certificate of Conformance**

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of authorization no. N/A Expiration Date N/A  
(if applicable)

Signed [Signature] W. Campbell, GS Corp. Eng. Programs Date 8/5/2008  
Owner or Owner's Designee, Title

**Certificate of Inservice Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by HSBCT of Hartford CT. have inspected the items described in this Owner's Activity Report, during the period 11/03/2006 to 5/11/2008, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this 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 the connected with this inspection.

[Signature] R. B. Miller Commissions NY2498  
Inspectors Signature National Board, State, Province, and Endorsements  
Date 8/6/08

This form (E00126) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

**R. E. Ginna Nuclear Power Plant**  
**2008 Owners Activity Report**  
**Fourth Interval (2008-2009), Third Period, First Outage (2008) - ISI**  
**First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL**

**TABLE 1**  
**ABSTRACT OF EXAMINATIONS AND TESTS**

<b>Examination Category</b>	<b>Total Examinations Required for the Interval</b>	<b>Total Examinations Credited for this Period</b>	<b>Total Examinations Credited (%) for the Period</b>	<b>Total Examinations Credited (%) to Date for the Interval</b>	<b>Remarks</b>
B-A	7	0	0 %	0 %	Deferral Permissible and/or Relief Requests
B-B	7	3	100%	100 %	As modified by Relief Request
B-D	22	5	29.4%	45.5 %	% result from Category footnote requirements and/or Relief Requests
B-F	15	0	0 %	46.7 %	% result from Category footnote requirements
B-G-1	195	0	0 %	0%	% result from Category footnote requirements
B-G-2	13	4	50 %	69.2 %	% result from Category footnote requirements
B-J	131	42	79.2 %	91.6 %	None
B-K	10	1	25.0 %	70.0 %	None
B-L-1	1	0	0 %	100 %	% Result from having only one component
B-L-2	1	0	0 %	0 %	Only if disassembled.
B-M-1	2	0	0 %	0 %	% Result from having only one component
B-M-2	N/A	0	0 %	0 %	Only if disassembled
B-N-1	3	0	0 %	66.7 %	None
B-N-2	1	0	0 %	0 %	% Result from having only one component
B-N-3	1	0	0 %	0 %	% Result from having only one component
B-O	3	0	0 %	0 %	Deferral Permissible

R. E. Ginna Nuclear Power Plant  
 2008 Owners Activity Report  
 Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI  
 First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL

**TABLE 1 (Continued)**  
**ABSTRACT OF EXAMINATIONS AND TESTS**

Examination Category	Total Examinations Required for the Interval	Total Examinations Credited for this Period	Total Examinations Credited (%) for the Period	Total Examinations Credited (%) to Date for the Interval	Remarks
C-A	6	0	0 %	66.7 %	None
C-B	12	2	50 %	83.4 %	In accordance with Category footnote requirements
C-C	15	3	50 %	80 %	In accordance with Category footnote requirements
C-F-1	55	11	57.9 %	85.5 %	In accordance with Category footnote requirements
C-F-2	29	8	80 %	93.1 %	In accordance with Category footnote requirements
D-A	21	3	42.9 %	80.9 %	In accordance with Category footnote requirements
F-A	173	32	52.5 %	83.2 %	F1.10 - 25% Sample F1.20 - 15% sample F1.30 - 10% sample F1.40 - only 1 of multiple components are required to be examined
E-A	258	258	100%	100%	Includes wetted surfaces
E-A	258	0	0%	100%	Rulemaking Augmented Requirement
E-C	2	2	100%	100%	As identified
E-D	3	1	100%	100%	% result from Category footnote requirements and/or Relief Requests

**R. E. Ginna Nuclear Power Plant**  
**2008 Owners Activity Report**  
**Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI**  
**First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL**

**TABLE 1 (Continued)**  
**ABSTRACT OF EXAMINATIONS AND TESTS**

<b>Examination Category</b>	<b>Total Examinations Required for the Interval</b>	<b>Total Examinations Credited for this Period</b>	<b>Total Examinations Credited (%) for the Period</b>	<b>Total Examinations Credited (%) to Date for the Interval</b>	<b>Remarks</b>
E-G	57	18	100%	100%	% result from Category footnote requirements and/or Relief Requests
L-A	52	0	0%	100%	Variations depend on how suspect areas are identified
L-B	152	0	0%	100%	Exams performed to the requirements of Ginna Station Tendon Program and ASME Section XI Code
GC-1	195	0	0%	100%	Rulemaking Augmented Requirement for grease caps

**TABLE 2**  
**ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE**

<b>Examination Category</b>	<b>Item Number</b>	<b>Item Description</b>	<b>Service Induced Flaw Characterization (IWA-3300)</b>	<b>Service Induced Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)</b>
None				

**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/IWL**

**TABLE 3  
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR  
CONTINUED SERVICE**

<b>Code Class</b>	<b>Repair, Replacement, or Corrective Measure</b>	<b>Item Description</b>	<b>Description of Work</b>	<b>Service Induced Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/ No)</b>	<b>Date Completed</b>	<b>Repair/ Replacement Plan Number</b>
3	Replacement / Repair	Service Water Expansion Joint	Expansion Joint SSW03 (Service Water Pump "B") Replacement by mechanical means & Flange Face Metal Removal Repair	No	6/4/07	GORR 33-006 GORR 33-012 WO 20700818
2	Repair	Containment HVAC Compartment Cooler "A"	Repair by removing U-Bend & installing a mechanical plug in Compartment Cooler "A" (ACA02A)	No	6/15/07	GORR 33-013 WO 20703609
2	Repair	Containment HVAC Compartment Cooler "B"	Repair by removing U-Bend & installing a mechanical plug in Compartment Cooler "B" (ACA02B)	No	6/15/07	GORR 33-015 WO 20703966
3	Replacement / Repair	Service Water Expansion Joint	Expansion Joint SSW05 (Service Water Pump "D") Replacement by mechanical means & Flange Face Metal Removal Repair	No	12/5/07	GORR 33-029 GORR 33-030 WO 20700820

**R. E. Ginna Nuclear Power Plant**  
**2008 Owners Activity Report**  
**Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI**  
**First Interval (1998-2008), Third Period, Second Outage (2008) - 1WE/IWL**

**TABLE 3 (Continued)**  
**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR**  
**CONTINUED SERVICE**

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Service Induced Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/ No)	Date Completed	Repair/ Replacement Plan Number
2	Replacement	Containment HVAC Cooler	Mechanical Replacement of "A" Reactor Compartment Cooler (ACA02A) & associated unions.	No	5/16/08	GORR 33-043 WO 20704812
2	Replacement	Containment HVAC Cooler	Mechanical Replacement of "B" Reactor Compartment Cooler (ACA02B) & associated unions.	No	5/10/08	GORR 33-044 WO 20704813
3	Replacement / Repair	Service Water Expansion Joint	Expansion Joint SSW02 (Service Water Pump "A") Replacement by mechanical means & Flange Face Metal Removal Repair	No	7/1/08	GORR 33-046 GORR 33-047 GORR-34-001 WO 20700817 WO 20803067
2	Replacement	Main Steam Mechanical Snubber	Replacement of bottom Mechanical Snubber in MSU-26 component support.	No	5/5/08	GORR 33-052 WO 20603792

**R. E. Ginna Nuclear Power Plant  
2008 Owners Activity Report  
Fourth Interval (2000-2009), Third Period, First Outage (2008) - ISI  
First Interval (1998-2008), Third Period, Second Outage (2008) - IWE/TWL**

**TABLE 3 (Continued)  
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR  
CONTINUED SERVICE**

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Service Induced Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/ No)	Date Completed	Repair/ Replacement Plan Number
2	Replacement	Main Steam Mechanical Snubber	Replacement of various items associated with the bottom section of MSU-26 component support	No	5/22/08	GORR 33-053 WO 20803207
2	Replacement	Service Water Piping	Replacement of Service Water socket welded piping by Penetrations 201 & 209	No	5/9/08	GORR 33-054 WO 20803196
1	Repair	Reactor Coolant 2" Piping Elbow	Repair by welding drilled holes found in 2" Elbow Body	No	5/4/08	GORR 33-055 Rev 1 WO 20803432
1	Repair	Reactor Coolant 2" Letdown Fillet Weld	Repair by Grinding & Welding Fillet Weld	No	5/14/08	GORR 33-057 WO 20803434
1	Repair	Reactor Coolant 2" Letdown Fillet Weld	Repair by Grinding & Welding Fillet Weld	No	5/15/08	GORR 33-059 WO 20702492
2	Replacement	Steam Generator Handhold Stud	Replacement of North Handhole Stud #5 on Steam Generator "A" (EMS01A)	No	5/30/08	GORR 33-060 WO 20602742

**R. E. Ginna Nuclear Power Plant**  
**2008 Owners Activity Report**  
**Fourth Interval (2000-2009), Third Period, First Outage (2008) – ISI**  
**First Interval (1998-2008), Third Period, Second Outage (2008) – IWE/IWL**

**TABLE 3 (Continued)**  
**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR**  
**CONTINUED SERVICE**

<b>Code Class</b>	<b>Repair, Replacement, or Corrective Measure</b>	<b>Item Description</b>	<b>Description of Work</b>	<b>Service Induced Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/ No)</b>	<b>Date Completed</b>	<b>Repair/ Replacement Plan Number</b>
2	Replacement	Main Steam Mechanical Snubber	Replacement of Mechanical Snubber in MSU-40 component support.	No	5/27/08	GORR 33-061 WO 20603801
2	Replacement	Main Steam Mechanical Snubber	Replacement of Mechanical Snubber in MSU-7 component support.	No	5/5/08	GORR 33-062 WO 20505609