

Paul Swift  
Manager, Nuclear Engineering Services

# CENG

a joint venture of



Constellation  
Energy



R.E. Ginna Nuclear Power Plant, LLC  
1503 Lake Road  
Ontario, New York 14519-9364

585.771.5208

585.771.3392 Fax

Paul.swift@cengllc.com

December 10, 2009

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 2009 Owner's Activity Report for the**  
**R.E. Ginna Nuclear Power Plant**

Enclosed is a copy of the R.E. Ginna Owner's Activity Report for the refueling outage conducted in 2009. This report is submitted as specified by ASME Code section XI.

There are no regulatory commitments contained in this letter. Should you have questions regarding this matter, please contact Thomas Harding (585) 771-5219, or [thomas.hardingjr@cengllc.com](mailto:thomas.hardingjr@cengllc.com).

Very truly yours,

Paul M. Swift

Attachments: (1) FOURTH INSERVICE INSPECTION (ISI) INTERVAL and FIRST  
CONTAINMENT INSPECTION INTERVAL, THIRD INSPECTION PERIOD,  
2009 OWNER'S ACTIVITY REPORT FOR RFO-34 INSERVICE  
EXAMINATIONS, (September 13, 2009 through October 4, 2009)

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

A047  
NRC

WPLNRC-1002240

Attachment (1)

**FOURTH INSERVICE INSPECTION (ISI) INTERVAL  
and  
FIRST CONTAINMENT INSPECTION INTERVAL**

**THIRD INSPECTION PERIOD  
2009 OWNER'S ACTIVITY REPORT  
FOR  
RFO-34 INSERVICE EXAMINATIONS**

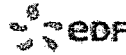
**(September 13, 2009 through October 4, 2009)**

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Constellation  
Energy



Constellation Energy Nuclear Group  
111 Market Place Suite 200C  
Baltimore, Maryland 21202

## FOURTH INSERVICE INSPECTION (ISI) INTERVAL and FIRST CONTAINMENT INSPECTION INTERVAL

### THIRD INSPECTION PERIOD 2009 OWNER'S ACTIVITY REPORT FOR RFO-34 INSERVICE EXAMINATIONS (September 13, 2009 through October 4, 2009)

Prepared For:

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

Commercial Service Date: June 1, 1970

NRC Docket Number: 50-244

Revision Number: 00 Date: December 4, 2009


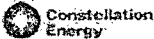

Prepared by: Edward L. Anderson 12/9/09  
Edward L. Anderson - Principal Engineer Analyst Corporate Engineering Programs

Reviewed by: Carl L. Friant 12/9/09  
Carl L. Friant - Supervisor Engineering Corporate Engineering Programs

Approved by: William J. Campbell 12/10/09  
William J. Campbell - General Supervisor Corporate Engineering Programs




Reviewed by: Frank A. Kiepacki 12/10/09  
Frank A. Kiepacki - Site ISI Program Implementer - R E Ginna

Approved by: Jay Wells 12/10/09  
Jay Wells - General Supervisor - Engineering Programs Unit - R E Ginna

 a joint venture of  	<b>R. E. Ginna Nuclear Power Plant, Unit 1</b>  <b>Fourth Inservice Inspection Interval</b> <b>2009 OWNER'S ACTIVITY REPORT</b> <b>FOR</b> <b>INSERVICE EXAMINATIONS</b>	Rev. 00 Date: 12/09/2009 Page i - 2 of i - 8
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 a joint venture of  	<b>R. E. Ginna Nuclear Power Plant, Unit 1</b>	Rev. 00  Date: 12/09/2009  Page i - 3 of i - 8
	<b>Fourth Inservice Inspection Interval 2009 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS</b>	

## ABSTRACT

This Owner's Activity Report summarizes the results of the R. E. Ginna Nuclear Power Plant (GNPP), Unit 1, American Society of Mechanical Engineers (ASME) Section XI Inservice Inspection Examinations performed during the 2009 Refueling Outage, from September 13, 2009 through October 4, 2009. No Inservice Inspection Examinations were performed on the Containment Inservice Inspection program since all required interval examinations were performed in the 2008 RFO. The First Interval Containment Inservice Inspection Program was extended to align the ISI Program and the Containment ISI Program to a common interval in accordance with Relief Request Number 22.

As an alternate to the requirements of the ASME, Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, GNPP is implementing ASME Code Case N-532-4, "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 15, approved ASME Code Case N-532-4 for use. This Report complies with the requirements of Code Case N-532-4.

This OAR Report closes out the Fourth Ten-Year Inservice Inspection Interval and the First Containment Inspection Interval.


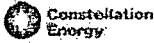

## OWNER'S ACTIVITY REPORTS - FORM OAR-1

Owner's Activity Reports Form OAR-1's were prepared and certified upon completion of the GNPP Unit 1, 2009 refueling outage examination activity in accordance with the following inspection plans and schedules:

- Inservice Inspection Program Plan(s) for the Fourth Inspection Interval for GNPP Unit 1
- Long Term Plan for GNPP, Unit 1
- 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. **Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service**, Table 1, provides a listing of item(s) with inservice 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, Flaw Characterization (as required by IWA-3300).
- b. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service**, Table 2, 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 flaw or relevant condition was found during a scheduled Section XI Examination or test, date completed and the repair replacement plan number.

 a joint venture of  	<b>R. E. Ginna Nuclear Power Plant, Unit 1</b>	Rev. 00 Date: 12/09/2009 Page i - 4 of i - 8
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**FORM OAR-1 OWNER'S ACTIVITY REPORT**  
As required by the provisions of the ASME Code Case N-532-4

Report Number GNPP-OAR-ISI-2009

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

Unit No. 1 Commercial Service Date June 1, 1970 Refueling Outage Number RFO-34

Current Inspection Interval Fourth Inservice Inspection Interval - January 1, 2000 to December 31, 2009  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third Inservice Inspection Period - January 1, 2007 to December 31, 2009  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1995 Edition, 1996 Addenda


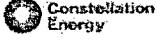

Date and Revision of Inspection Plan 30 June 2009, Revision 10

Edition and Addenda of ASME Section XI applicable to repairs/replacements, if different than the Inspection Plan N/A

Code Cases used: N-663, N-307-3, N-706, N-460, N-498-4, N-532-4

CERTIFICATE OF CONFORMANCE	
I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting completion of <u>2009 RFO (RFO-34)</u> conform to the requirements of Section XI.	
Certificate of Authorization No. <u>N/A</u> (If applicable)	Expiration Date <u>N/A</u>
Signed <u>William J. Campbell</u> (General Supervisor - Corporate Fleet Engineering Programs Group)	Date <u>12-10-09</u>

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 <u>New York</u> and employed by <u>Hartford Steam Boiler (HSBCT)</u> of <u>Hartford, Connecticut</u> have inspected the items described in this Owner's Activity Report, 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 repair/replacement activities and evaluation 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 or connected with this inspection.	
<u>Bruce Sawyer</u> Inspector's Signature	Commissions <u>NB10496, A, N. I. New York 4077</u> National Board, State, Province, and Endorsements
Date <u>12/10/09</u>	

 a joint venture of  	<b>R. E. Ginna Nuclear Power Plant, Unit 1</b>	Rev. 00 Date: 12/09/2009 Page i - 5 of i - 8
	<b>Fourth Inservice Inspection Interval 2009 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS</b>	

**FORM OAR-1 OWNER'S ACTIVITY REPORT**  
As required by the provisions of the ASME Code Case N-532-4

Report Number GNPP-OAR-IWE/L-2009

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

Unit No. 1 Commercial Service Date June 1, 1970 Refueling Outage Number RFO-34

Current Inspection Interval First Containment Inspection Interval - September 9, 1996 to September 8, 2008  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third Inservice Inspection Period - September 10, 2005 to September 8, 2008  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plans 1992 Edition, 1992 Addenda

Date and Revision of Inspection Plans 30 June 2009, Revision 10

Edition and Addenda of ASME Section XI applicable to repairs/replacements, if different than the Inspection Plan N/A

Code Cases used: N-532-4  
(if applicable)

CERTIFICATE OF CONFORMANCE	
I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting completion of <u>2009 RFO (RFO-34)</u> conform to the requirements of Section XI.	
Certificate of Authorization No. <u>N/A</u> (If applicable)	Expiration Date <u>N/A</u>
Signed <u>William J. Campbell</u> (General Supervisor - Corporate Fleet Engineering Programs Group)	Date <u>12-10-09</u>

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 <u>New York</u> and employed by <u>Hartford Steam Boiler (HSBCT)</u> of <u>Hartford, Connecticut</u> have inspected the items described in this Owner's Activity Report, 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 repair/replacement activities and evaluation 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 or connected with this inspection.	
<u>Bruce Sawyer</u> Inspector's Signature	Commissions <u>NB10496, A, N, I; New York 4077</u> National Board, State, Province, and Endorsements
Date <u>12/10/09</u>	




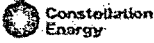

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As required by the provisions of the ASME Code Case N-532-4

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	Fourth Inservice Inspection Interval 2009 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	

**END OF INSERVICE INSPECTION**

**OWNER'S ACTIVITY REPORT**

**FOR**

**2009 REFUELING OUTAGE (RFO-34)**