



Constellation Energy®

Nine Mile Point Nuclear Station

P.O. Box 63
Lycoming, NY 13093

July 11, 2008

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

ATTENTION: Document Control Desk

SUBJECT: Nine Mile Point Nuclear Station
Unit No. 2; Docket No. 50-410

Second Inservice Inspection Interval 2008 Owners' Activity Report for Inservice
Examinations

Pursuant to 10 CFR 50.55a, Nine Mile Point Nuclear Station, LLC is submitting the enclosed Second Inservice Inspection Interval 2008 Owners' Activity Report for Inservice Examinations for the Nine Mile Point Unit 2. This report summarizes the results of examinations performed during the last refueling outage (RFO-11) of the Third Inservice Inspection Period of the Second Ten-Year Inspection Interval (April 5, 1998 through April 4, 2008).

This report meets the requirements of the American Society of Mechanical Engineers (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," as approved for use by Regulatory Guide 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1."

Should you have any questions regarding the information in this submittal, please contact T. F. Syrell, Director Licensing, at (315) 349-5219.

Very truly yours,

Gary Jay Laughlin

Manager, Engineering Services

GJL/MHS/

Enclosure: Second Inservice Inspection Interval 2008 Owners' Activity Report for Inservice
Examinations

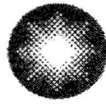
Document Control Desk
July 11, 2008
Page 2

cc: NRC Regional Administrator, Region I
NRC Project Manager
NRC Senior Resident Inspector

ENCLOSURE

**SECOND INSERVICE INSPECTION INTERVAL
2008 OWNERS' ACTIVITY REPORT
FOR INSERVICE EXAMINATIONS**

**Nine Mile Point Nuclear Station, LLC
July 11, 2008**



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

**Constellation Nuclear Generation
Corporate Engineering Programs
111 Market Place
Baltimore Maryland 21201**

Prepared For

**Nine Mile Point Nuclear Station, LLC
P.O. Box 63 Lake Road
Lycoming, New York 13093**

**SECOND INSERVICE INSPECTION INTERVAL
and
FIRST CONTAINMENT INSPECTION INTERVAL**

**THIRD INSERVICE INSPECTION PERIOD
2008 OWNER'S ACTIVITY REPORT
FOR
RFO-11 INSERVICE EXAMINATIONS
(March 22, 2008 through April 17, 2008)**

Commercial Service Date: April 5, 1988
NRC Docket Number: 50-410
Document Number: NMP2-OAR-006-11
Revision Number: 00 Date: June 4, 2008

Prepared by: *Edward L. Anderson* 6/9/08
Edward L. Anderson – Principal Engineer Analyst
Corporate Engineering Programs

Reviewed by: *Roy E. Hall* 6/9/2008
Roy Hall – Principal Engineer Analyst
Corporate Engineering Programs

Approved by: *Carl L. Friant* 6/9/2008
Carl L. Friant – General Supervisor
Corporate Engineering Programs

Reviewed by: *Todd L. Davis* 6-16-08
Todd L. Davis – Site ISI Program Implementer

Approved by: *Michael Conway* 6-16-08
Michael Conway - General Supervisor, Site Engineering Programs


 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CNG-NMP2-OAR-006-11
	SECOND INSERVICE INSPECTION INTERVAL 2008 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: June 4, 2008 Page 2 of 11

TABLE OF CONTENTS

Table of Contents..... 2

Abstract.....3

Form OAR-1 Owner's Activity Report for Inservice (ISI) Inspection Plan NMP2-ISI-006 5


Form OAR-1 Owner's Activity Report for Risk-Informed (RI-ISI) Inspection Plan NMP2-RI-ISI-006 6

Form OAR-1 Owner's Activity Report for Containment (CISI) Inspection Plan NMP2-CISI-006 7

Table 1 Abstract of Examination and Tests 8

Table 2 Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service..... 9

Table 3 Abstract of Repairs, Replacements, or Corrective Measures Required for Continued Service 10

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CNG-NMP2-OAR-006-11
	SECOND INSERVICE INSPECTION INTERVAL 2008 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: June 4, 2008 Page 3 of 11

ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Nuclear Station (NMPNS), Unit 2, American Society of Mechanical Engineers (ASME) Section XI Inservice Inspection, Risk-Informed Inspection and Containment Examinations performed during the 2008 Refueling Outage (RFO-11), from March 22, 2008 through April 17, 2008, and the second and last refueling outage of the Third Inservice Inspection Period that started on 5 April 2005 and ended on 4 April 2008.

As an alternate to the requirements of the ASME, Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, NMPNS has implemented 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".

This report provides the close-out of the Nine Mile Point Nuclear Station, Unit 2 Second Ten-Year In-service Inspection Interval and the Unit 2 First Ten-Year Containment Inspection Interval.


OWNER'S ACTIVITY REPORTS - FORM OAR-1

Owner's Activity Report Form OAR-1 were prepared and certified upon completion of the 2008 refueling outage (RFO-11) Examination activity for the following inspection plans:

- NMP2-ISI-006, Inservice Inspection Plan and Schedule
- NMP2-RI-ISI-006, Risk-Informed Inspection Plan and Schedule
- NMP2-CISI-006, Containment Inspection Plan and Schedule.

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 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), and whether the flaw or relevant condition was found during a scheduled Section XI examination or test.

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CNG-NMP2-OAR-006-11
	SECOND INSERVICE INSPECTION INTERVAL 2008 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: June 4, 2008 Page 4 of 11

- 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 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, IWB-2412 (a), with the exception of the examinations that may be deferred until the end of the inspection interval as specified in Table IWB-2500-1, and for those examinations which NMPNS has requested and received approval in the form of relief request, the required examinations in each examination category have been completed for the Third Inservice Inspection Period in accordance with Table IWB-2412-1.



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station, Unit 2

**SECOND INSERVICE INSPECTION INTERVAL
2008 OWNERS' ACTIVITY REPORT
FOR
INSERVICE EXAMINATIONS**

CNG-NMP2-OAR-006-11

Rev. 00

Date: June 4, 2008

Page 5 of 11

FORM OAR-1

OWNER'S ACTIVITY REPORT

As required by the provisions of the ASME Code Case N-532-1

Report Number NMP2-OAR-006-11

Owner Nine Mile Point Nuclear Station, LLC, P.O. Box 63 Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 2 Commercial Service Date April 5, 1988 Refueling Outage Number RFO-11

Current Inspection Interval Second Inservice Inspection Interval - April 5, 1998 to April 4, 2008
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third Inservice Inspection Period - April 5, 2005 to April 4, 2008
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda

Date and Revision of Inspection Plan NMP2-ISI-006, Revision 06, Dated July 27, 2006

Edition and Addenda of ASME 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 (If applicable) Expiration Date N/A


Signed Carl Z. Farrant Date 6/9/2008
(General Supervisor - Corporate Engineering Programs)

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 Harford Steam Boiler (HSBCT) of Harford, Connecticut have inspected the items described in this Owner's Activity Report, during the period 03/22/2008 to 04/17/2008, 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 or connected with this inspection.

Inspector's Signature Ronald P. Jaberg Commissions NB9889 A, B, N, I NY 3061
National Board, State, Province, and Endorsements
Date 6/16/08

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CNG-NMP2-OAR-006-11
	SECOND INSERVICE INSPECTION INTERVAL 2008 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: June 4, 2008 Page 6 of 11

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

As required by the provisions of the ASME Code Case N-532-1

Report Number NMP2-OAR-006-11

Owner Nine Mile Point Nuclear Station, LLC, P.O. Box 63 Lake Road, Lycoming, New York 13093
(Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
(Name and Address of Plant)

Plant Unit 2 Commercial Service Date April 5, 1988 Refueling Outage Number RFO-11

Current Inspection Interval Second Inservice Inspection Interval - April 5, 1998 to April 4, 2008
(1st, 2nd, 3rd, 4th, Other)


Current Inspection Period Third Inservice Inspection Period - April 5, 2005 to April 4, 2008
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda

Date and Revision of Inspection Plan NMP2-RI-ISI-006, Revision 01, Dated July 8, 2004
Edition and Addenda of ASME 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. <u>N/A</u> <small>(If applicable)</small>	Expiration Date <u>N/A</u>
Signed <u>Carl L. Fiorant</u> <small>(General Supervisor - Corporate Engineering Programs)</small>	Date <u>6/9/2008</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>Harford Steam Boiler (HSBCT)</u> of <u>Harford, Connecticut</u> have inspected the items described in this Owner's Activity Report, during the period <u>03/22/08</u> to <u>04/17/08</u> , 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 or connected with this inspection.	
Inspector's Signature <u>Ronald P. Gehring</u>	Commissions <u>NB9889 A, B, N, I NY 3061</u> National Board, State, Province, and Endorsements
Date <u>6/16/08</u>	

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CNG-NMP2-OAR-006-11
	SECOND INSERVICE INSPECTION INTERVAL 2008 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: June 4, 2008 Page 7 of 11

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

As required by the provisions of the ASME Code Case N-532-1

Report Number NMP2-OAR-006-11

Owner Nine Mile Point Nuclear Station, LLC, P.O. Box 63 Lake Road, Lycoming, New York 13093
 (Name and Address of Owner)

Plant Nine Mile Point Nuclear Station, P. O. Box 63, Lycoming, New York 13093
 (Name and Address of Plant)

Plant Unit 2 Commercial Service Date April 5, 1988 Refueling Outage Number RFO-11

Current Inspection Interval First Inservice Inspection Interval - April 5, 1998 to April 4, 2008
 (1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third Inservice Inspection Period - April 5, 2005 to April 4, 2008
 (1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1998 Edition, No Addenda

Date and Revision of Inspection Plan NMP2-CISI-006, Revision 02, Dated June 30, 2006
 Edition and Addenda of ASME 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. <u>N/A</u> (If applicable)	Expiration Date <u>N/A</u>
Signed <u>Carl L. Friant</u> (General Supervisor - Corporate Engineering Programs)	Date <u>6/9/2008</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>Harford Steam Boiler (HSBCT)</u> of <u>Harford, Connecticut</u> have inspected the items described in this Owner's Activity Report, during the period <u>03/22/08</u> to <u>04/17/08</u> , 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 or connected with this inspection.	
<u>Ronald P. [Signature]</u> Inspector's Signature	Commissions <u>NB9889 A, B, N, I NY 3061</u> National Board, State, Province, and Endorsements
Date <u>6/16/08</u>	



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

Nine Mile Point Nuclear Station, Unit 2

**SECOND INSERVICE INSPECTION INTERVAL
2008 OWNERS' ACTIVITY REPORT
FOR
INSERVICE EXAMINATIONS**

CNG-NMP2-OAR-006-11

Rev. 00


Date: June 4, 2008

Page 8 of 11

**TABLE 1
ABSTRACT OF EXAMINATION AND TESTS**
As required by the provisions of the ASME Code Case N-532-1

CODE EXAMINATION CATEGORY	TOTAL EXAMINATIONS REQUIRED FOR INTERVAL	*TOTAL EXAMINATIONS REQUIRED FOR THIS PERIOD	TOTAL EXAMINATIONS CREDITED (%) FOR THE PERIOD	TOTAL EXAMINATIONS CREDITED (%) TO DATE FOR THE INTERVAL	REMARKS
B-A	35	13	13 - 100%	35 -100%	Deferral Permissible
B-D	66	22	22 -100%	66 - 100%	Deferral Permissible
B-G-1	307	129	129 - 100%	307 - 100%	Deferral Permissible
B-G-2	65	10	10 - 100%	65 - 100%	Note 1
B-K	8	4	4 - 100%	8 - 100%	CC N-509
B-L-2	1	1	0 - 0.0%	0 - 0.0%	Deferral Permissible, Pump was not Disassembled
B-M-2	35	20	2 - 0.1%	15 - 42.8%	Deferral Permissible, 20 valves were not Disassembled
B-N-1	254	112	112 -100%	254 - 100%	Note 2
B-N-2	14	2	2 - 100%	14 - 100%	Deferral Permissible
B-O	14	6	6 - 100%	14 - 100%	Deferral Permissible
C-A	2	1	1 - 100%	2 - 100%	Note 3
C-B	4	2	2 - 100%	4 - 100%	Note 3
C-C	8	5	5 - 100%	8 - 100%	CC N-509
C-D	1	0	0 - 0.0%	1 - 100%	
C-G	58	33	12 - 100%	37-63.7%	RR-IWC-1, Pump was not Disassembled
D-A	24	10	10 -100%	24 - 100%	CC-N-509
E-A	2764	887	887 - 100%	2764 -100%	Note 2
F-A	268	83	83 - 100%	268 - 100%	CC N-491-1
L-A	122	61	61 - 100%	122 - 100%	Note 4
R-A	153	50	50 - 100%	153 - 100%	RI-ISI, Note 5
R-C	30	6	6 - 100%	30 - 100%	RI-BER's, Note 5

- Notes:
1. Does not include examinations required only when disassembled(example: 185 CRD's)
 2. 100% of accessible surfaces examined each period
 3. All examinations are performed during 2nd or 3rd period
 4. Category requires 100% examination every 5 years
 5. Reference RR-RI-ISI-2, all examinations to be completed in the 2nd and 3rd periods

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CNG-NMP2-OAR-006-11
	SECOND INSERVICE INSPECTION INTERVAL 2008 OWNERS' ACTIVITY REPORT FOR INSERVICE EXAMINATIONS	Rev. 00 Date: June 4, 2008 Page 11 of 11

**End of Inservice Inspection
Owner's Activity Report
For
Refueling Outage Eleven (RFO-11)
And
Ten-Year In-service / Containment Inspection Interval**