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CENG

a joint venture of



Constellation
Energy



NINE MILE POINT
NUCLEAR STATION

July 28, 2010

U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

ATTENTION: Document Control Desk

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

2010 Owners' Activity Report for Nine Mile Point, Unit 2, Refueling Outage 12
Inservice Examinations

Pursuant to 10 CFR 50.55a, Nine Mile Point Nuclear Station, LLC is submitting the enclosed 2010 Owner's Activity Report for the Nine Mile Point Unit 2 twelfth refueling outage (RFO-12) inservice examinations. This report summarizes the results of the examinations performed during RFO-12 for the First Inservice Inspection Period of both the Third Inservice Inspection Interval and the Second Containment Inspection Interval.

This report meets the requirements of the American Society of Mechanical Engineers (ASME) Code Case N-532-4, "Repair/Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission, Section XI, Division 1." This code case is used as an alternative to the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Article IWA-6000 as approved by Regulatory Guide 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1, Revision 15."

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

Very truly yours,

Alex Steier for J. Pacher

*AD47
MRR*

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JEP/BC

Enclosure: 2010 Owners' Activity Report for Nine Mile Point, Unit 2, Refueling Outage 12
Inservice Examinations

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

ENCLOSURE

**2010 OWNERS' ACTIVITY REPORT FOR NINE MILE POINT,
UNIT 2, REFUELING OUTAGE 12 INSERVICE EXAMINATIONS**



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

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Prepared For

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**THIRD INSERVICE INSPECTION INTERVAL
and
SECOND CONTAINMENT INSPECTION INTERVAL**

**FIRST INSERVICE INSPECTION PERIOD
2010 OWNER'S ACTIVITY REPORT
FOR
RFO-12 INSERVICE EXAMINATIONS
(April 3, 2010 through May 3, 2010)**

Commercial Service Date: April 5, 1988
NRC Docket Number: 50-410
Document Number: CENG-NMP2-OAR-003-12
Revision Number: 00 Date: May 4, 2010

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 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CENG-NMP2-OAR-003-12
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ABSTRACT

This Owner's Activity Report summarizes the results of the Nine Mile Point Unit 2 (NMP2), American Society of Mechanical Engineers (ASME) Section XI In-service Inspection and Containment Examinations performed during the 2010 Refueling Outage (RFO-12), from April 3, 2010 through May 3, 2010.

As an alternate to the requirements of the ASME Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, Nine Mile Point Nuclear Station, LLC (NMPNS) has implemented ASME Code Case N-532-4, "Repair / Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission, Section XI, Division 1."

OWNER'S ACTIVITY REPORTS - FORM OAR-1

The Owner's Activity Report Forms OAR-1 were prepared and certified upon completion of the 2010 refueling outage (RFO-12) examination activity for the following inspection plans:

- CNG-NMP2-ISI-003, In-service Inspection Plan
- CNG-NMP2-CISI-002, Containment Inspection Plan

In addition to the Owner's Activity Report, Forms 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 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 Evaluation Description.
- b. **Abstract of Repair/Replacement Activities 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, Item Description, Description of Work, 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 or alternative, the required examinations in each examination category have been completed for the First Inservice Inspection Period in accordance with Table IWB-2412-1.

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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 CENG-NMP2-OAR-003-012

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-12

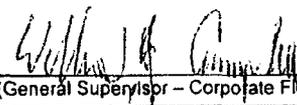
Current Inspection Interval Third Inservice Inspection Interval - April 5, 2008 to April 4, 2018
 (1st, 2nd, 3rd, 4th, Other)

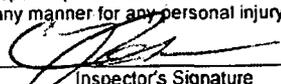
Current Inspection Period First Inservice Inspection Period - April 5, 2008 to April 4, 2011
 (1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 2004 Edition, No Addenda

Date and Revision of Inspection Plan CNG-NMP2-ISI-003, Revision 01, Dated August 28, 2009

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 (a) the statements made in this report are correct; (b) the examinations, tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of <u>RFO-012</u> conform to the requirements of Section XI. (refueling outage number)	
Signed <u></u> (General Supervisor - Corporate Fleet Engineering Programs)	Date <u>7-1-10</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.	
Inspector's Signature <u></u>	Commissions <u>NB13519 A, I, N, NY 5364</u> National Board, State, Province, and Endorsements
Date <u>7/1/10</u>	

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CENG-NMP2-OAR-003-12
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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 CENG-NMP2-OAR-003-012

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-12

Current Inspection Interval Second Containment Inspection Interval - April 5, 2008 to April 4, 2018
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period First Containment Inspection Period - April 5, 2008 to April 4, 2011
(1st, 2nd, 3rd)

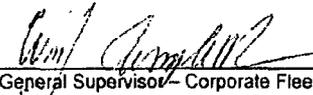
Edition and Addenda of Section XI applicable to the Inspection Plan 2004 Edition, No Addenda

Date and Revision of Inspection Plan CNG-NMP2-CISI-002, Revision 01, Dated August 28, 2009

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

CERTIFICATE OF CONFORMANCE

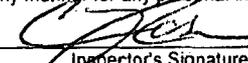
I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of RFO-012 conform to the requirements of Section XI. (refueling outage number)

Signed  Date 7-1-10
(General Supervisor - Corporate Fleet 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 Hartford Steam Boiler (HSBCT) of Hartford, Connecticut 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.

Inspector's Signature  Commissions NB13519 A, I, N, NY 5364
National Board, State, Province, and Endorsements
Date 7/1/10

 Constellation Energy Group Nine Mile Point Nuclear Station	Nine Mile Point Nuclear Station, Unit 2	CENG-NMP2-OAR-003-12
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End of Inservice Inspection

Owner's Activity Report

For

Refueling Outage Twelve (RFO-12)