



Exelon Generation®

10 CFR 50.55a

NMP2L 2688
July 17, 2018

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Nine Mile Point Nuclear Station, Unit 2
Renewed Facility Operating License No. NPF-69
Docket No. 50-410

Subject: Third Inservice Inspection Interval, Third Inservice Inspection Period
2018 Owner's Activity Report for RFO-16 Inservice Examinations

Pursuant to 10 CFR 50.55a, Nine Mile Point Unit 2 hereby submits the attached Third Inservice Inspection Interval, Third Inservice Inspection Period, 2018 Owner's Activity Report for RFO-16 Inservice Examinations.

This activity report meets the requirements of the American Society of Mechanical Engineers (ASME), Code Case N-532-5, "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."

There are no regulatory commitments contained in this letter.

Should you have any questions regarding the information in this submittal, please contact Dennis Moore, Regulatory Assurance Manager, at (315) 349-5219.

Sincerely,

Robert C. Bugelhoff

Robert C. Bugelhoff
Engineering Director, Nine Mile Point Nuclear Station
Exelon Generation Company, LLC

RB/KJK

Attachment: Third Inservice Inspection Interval, Third Inservice Inspection Period
2018 Owner's Activity Report for RFO-16 Inservice Examinations

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cc: Regional Administrator, Region I, USNRC
Project Manager, USNRC
Resident Inspector, USNRC

Attachment

Third Inservice Inspection Interval, Third Inservice Inspection Period
2018 Owner's Activity Report for RFO-16 Inservice Examinations



**THIRD INSERVICE INSPECTION INTERVAL
THIRD INSERVICE INSPECTION PERIOD**

**2018 OWNER'S ACTIVITY REPORT
FOR
RFO16 INSERVICE EXAMINATIONS**

Prepared For

Nine Mile Point Nuclear Station Unit 2

P.O. Box 63, Lake Road

Lycoming, New York 13093

Commercial Service Date: April 5, 1988
NRC Docket Number: 50-410
Document Number: NMP2-OAR-003-018
Revision Number: 00 Date: June 28, 2018

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Carlo McClay – NMPNS Repair & Replacement Program Owner

Approved by: Mike Faivus 7-5-2018
Mike Faivus – Manager Site Engineering Programs




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RECORD OF REVISION			
REVISION No.	DATE	AFFECTED PAGES	REASON FOR REVISION
00		Entire Document	Initial issue of Owner's Activity Report for ASME Section XI Inservice Inspection, Containment Inservice Examinations, and Pressure Tests and Alternate Risk-Informed Inspection in accordance with the requirements of ASME Code Case N-532-5.

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ABSTRACT

ASME Section XI Code Case N-532-5 requires submission of the Owner's Activity Report to the regulatory and enforcement authorities having jurisdiction at the plant site within 90 calendar days of the completion of each refueling outage.

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 In-service Inspection, Risk-Informed Inspection, Containment In-service Examinations, and Pressure Tests performed since the last report dated May 5, 2016 through Refueling Outage Sixteen (RFO16) ending May 15, 2018. RFO16 is the second of two outages scheduled during the Third In-service Inspection Period that started on April 5, 2015 and is scheduled to end on August 22, 2018.

The attached Table 1 and 2 include flaws and conditions (those meeting the requirements of Code Case N-532-4) identified since the last Owner's Activity Report following Refueling Outage RFO-15.

As an alternate to the requirements of the ASME, Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, NMPNS is implementing ASME Code Case N-532-5, Alternative Requirements to Repair and Replacement Documentation Requirements and In-service Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000, Section XI, Division 1". Regulatory Guide 1.147, Revision 16, approved ASME Code Case N-532-5 for use. This Report complies with the requirements of Code Case N-532-5 and the conditions identified in RG 1.147.


OWNER'S ACTIVITY REPORTS - FORM OAR-1

Owner Activity Report Form OAR-1 was prepared and certified upon completion of the Nine Mile Point Unit 2, 2018 refueling outage (RFO16) examination activity in accordance with the following NMPNS inspection plans and schedules:


- NMP2-ISI-003, Third Ten-Year In-service Inspection Plan and Implementing Schedule, (includes the Alternate Risk-Informed Inspection Program)
- NMP2-CISI-002, Second Containment In-service Inspection Plan and Implementing Schedule.
- NMP2-PT-008, Inservice Pressure Testing Program Plan

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 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).

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- b. **Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service,** Table 2, identifies those items containing flaws or relevant conditions that exceeded Division 1 acceptance criteria. This information is required even if the discovery of the flaw or relevant condition that necessitated the repair/replacement activity did not result from an examination or test required by Division 1. If the acceptance criterion for a particular item is not specified in Division 1, the provisions of IWA-3100(b) shall be used to determine which repair/replacement activities are required to be included in the abstract.

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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: NMP2-OAR-003-018

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 RFO16

Current Inspection Interval 3rd Interval for ISI & PT, 2nd Interval for CISI April 5, 2008 to August 22, 2018
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third In-service Inspection Period April 5, 2015 to August 22, 2018
(1st, 2nd, 3rd)

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

Date and Revision of Inspection Plans NMP2-ISI-003, Revision 04, May 30, 2016 (ISI), NMP2-CISI-002, Revision 03, May 30, 2016 (Containment ISI), NMP2-PT-008 Revision 06, July 2, 2014 (Pressure Test)

Edition and Addenda of ASME Section XI applicable to Repair/Replacement activities, if different than the Inspection Plan N/A (same Code Edition/Addenda)
(if applicable)

Code Cases used for inspection and evaluation: N-532-5, N-526, N-648-1, N-642-4, N-702 and N-716.

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 RFO16 conform to the requirements of Section XI.
(refueling outage number)


Signed Ronald P. Gehring Date 6/28/18
(NMPNS ISI Program Owner)

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 OR and employed by The Hartford Steam Boiler Inspection and Insurance Company of CT 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.

[Signature] Commissions 14732 AIR
Inspector's Signature National Board, State, Province, and Endorsements
Date 6/28/18

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**END OF INSERVICE INSPECTION
OWNER'S ACTIVITY REPORT
FOR
REFUELING OUTAGE SIXTEEN (RFO16)**