



**Exelon Generation**®

**Paul Swift**  
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January 18, 2019

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 2055-0001

R.E. Ginna Nuclear Power Plant  
Facility Operating License No. DPR-18  
NRC Docket No. 05000244

Subject: Transmittal of 2018 Owner's Activity Report for the  
R. E. Ginna Nuclear Power Plant

Enclosed is a copy of the R. E. Ginna Nuclear Power Plant Owner's Activity Report for the refueling outage conducted in 2018. This report is submitted as specified by ASME Code Section XI.

There are no regulatory commitments contained in this letter.

If you have any questions, please contact Kyle Garnish at (315) 791-5321.

Respectfully,

Paul Swift  
Plant Manager

Attachment: FIFTH INSERVICE INSPECTION (ISI) INTERVAL and SECOND  
CONNTAINMENT INSPECTION INTERVAL, THIRD INSPECTION PERIOD  
2018 OWNER'S ACTIVITY REPORT FOR RFO-41 INSERVICE  
EXAMINATIONS (October 22, 2018 through November 8, 2018)

cc: NRC Regional Administrator, Region 1  
NRC Project Manager, Ginna  
NRC Resident Inspector, Ginna

A047  
NRR

ATTACHMENT 1

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FIFTH INSERVICE INSPECTION (ISI) INTERVAL  
and  
SECOND CONTAINMENT INSPECTION INTERVAL

THIRD INSPECTION PERIOD  
2018 OWNER'S ACTIVITY REPORT  
FOR  
RFO-41 INSERVICE EXAMINATIONS  
(October 22, 2018 through November 8, 2018)

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**FIFTH INSERVICE INSPECTION (ISI) INTERVAL  
and  
SECOND CONTAINMENT INSPECTION INTERVAL**

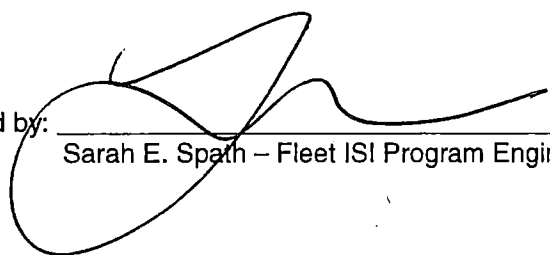
**THIRD INSPECTION PERIOD  
2018 OWNER'S ACTIVITY REPORT  
FOR  
RFO-41 INSERVICE EXAMINATIONS  
(October 22, 2018 through November 8, 2018)**

For

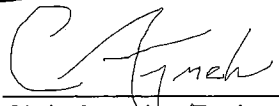
**R. E. Ginna Nuclear Power Plant  
1503 Lake Road  
Ontario, NY 14519**


Commercial Service Date: June 1, 1970  
NRC Docket Number: 50-244  
Revision Number: 00 Date: January 15, 2019

Prepared by:

  
\_\_\_\_\_  
Sarah E. Spath – Fleet ISI Program Engineer – Exelon Generation

Approved by:

  
\_\_\_\_\_  
Chris Azme – Engineering Manager Programs – R E Ginna

	R. E. Ginna Nuclear Power Plant, Unit 1	Rev. 00
	<b>5<sup>th</sup> Interval Inservice Inspection and 2<sup>nd</sup> Interval Containment Inservice Inspection</b> <b>2018 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS</b>	Date: 1/15/2019 Page i - 2 of i - 7

**TABLE OF CONTENTS**

Table of Contents.....i-2


Abstract ..... i-3

Form OAR-1 Owner's Activity Report for Fifth Interval Inservice Inspection Plan ..... i-4

Form OAR-1 Owner's Activity Report for Containment Second Interval Inservice Inspection Plan .. i-5

Table 1 Items with Flaws or Relevant Conditions that Require Evaluation for Continued Service..... i-6

Table 2 Abstract of Repair/Replacement Activities Required for Continued Service ..... i-7

	R. E. Ginna Nuclear Power Plant, Unit 1	Rev. 00
	<b>5<sup>th</sup> Interval Inservice Inspection and 2<sup>nd</sup> Interval Containment Inservice Inspection 2018 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS</b>	Date: 1/15/2019 Page i - 3 of i - 7

## ABSTRACT

This Owner's Activity Report (OAR) summarizes the results of the R. E. Ginna Nuclear Power Plant (GNPP), Unit 1, American Society of Mechanical Engineers (ASME) Section XI Inservice Inspection (ISI) Examinations and Repair/Replacement activities performed during this reporting cycle from July 12, 2017 through January 15, 2019. The 2018 Refueling Outage (RFO) started October 22, 2018 and ended November 8, 2018. This OAR is for the Fifth Interval Inservice Inspection Program, Third Period and the Second Interval Containment Inservice Inspection Program, Third Period. Associated ISI examinations were performed in accordance with ASME Section XI Code, 2004 Edition, No Addenda. The First Interval Containment Inservice Inspection Program was extended to align with the ISI Program Interval in accordance with the Fourth Interval Inservice Inspection Program Relief Request Number 22. The 5<sup>th</sup> Interval Inservice Inspection and the 2<sup>nd</sup> Interval Containment Inservice Inspection Interval are aligned.

As an alternate to the requirements of the ASME, Boiler and Pressure Vessel Code (B&PVC), Section XI, Article IWA-6000, GNPP has implemented 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". ASME Code Case N-532-4 is approved for use in Regulatory Guide 1.147. This Report complies with the requirements of Code Case N-532-4.


### 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, 2018 refueling outage RFO-41 examination activity in accordance with the following inspection plans and schedules:

- Inservice Inspection Program Plan(s) for the Fifth Inspection Interval for GNPP Unit 1
- Long Term Plan for GNPP, Unit 1
- ISI Program Plan ASME XI, IWE/IWL Second 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.

	R. E. Ginna Nuclear Power Plant, Unit 1	Rev. 00
	<b>5<sup>th</sup> Interval Inservice Inspection and 2<sup>nd</sup> Interval Containment Inservice Inspection</b> <b>2018 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS</b>	Date: 1/15/2019 Page i - 4 of i - 7

**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-2018

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-41

Current Inspection Interval Fifth Inservice Inspection Interval - January 1, 2010 to December 31, 2019.  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third Inservice Inspection Period - January 1, 2017 to December 31, 2019  
(1st, 2nd, 3rd)

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


Date and Revision of Inspection Plan 27 April 2018, Revision 8

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, N-706, N-716, N-722-1,

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>2018 RFO (RFO-41)</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>Sarah E. Spath</u> (Fleet ISI Program Engineer)	Date <u>1/15/19</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>HSB Global Standard s</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>Bruce Sawyer</u>	Commissions <u>NB10496, N. J.; New York 4077</u> National Board, State, Province, and Endorsements
Date <u>1/15/19</u>	

	R. E. Ginna Nuclear Power Plant, Unit 1	Rev. 00
	<b>5<sup>th</sup> Interval Inservice Inspection and 2<sup>nd</sup> Interval Containment Inservice Inspection</b> <b>2018 OWNER'S ACTIVITY REPORT FOR INSERVICE EXAMINATIONS</b>	Date: 1/15/2019 Page i - 5 of i - 7

**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-2018

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-41

Current Inspection Interval Second Containment Inspection Interval – January 1, 2010 to December 31, 2019  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period Third Inservice Inspection Period – January 1, 2017 to December 31, 2019  
(1st, 2nd, 3rd)

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

Date and Revision of Inspection Plans 13 April 2018, Revision 4

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, N-686, N-739-1, N-753,  
(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>2018 RFO (RFO-41)</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>Sarah E Spath</u> (Fleet ISI Program Engineer)	Date <u>1/15/19</u>

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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>HSB Global Standards</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.	
Bruce Sawyer Inspector's Signature <u>Bruce Sawyer</u>	Commissions <u>NB10496, N, I; New York 4077</u> National Board, State, Province, and Endorsements
Date <u>1/15/19</u>	





