

September 4, 2024

Docket No.: 50-348

NL-24-0340

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant - Unit 1  
Inservice Inspection Program Owner's Activity Report (OAR-1) for Outage 1R32

Reference: Edwin I. Hatch Nuclear Plant, Units 1 and 2, Joseph M. Farley Nuclear Plant, Units 1 and 2, and Vogtle Electric Generating Plant, Units 1 and 2 – Request to use a Provision of a Later Edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI (EPID-L-2023-LRM-0046) dated August 2, 2023

Ladies and Gentlemen:

The Joseph M. Farley Nuclear Plant (FNP) Unit 1 Owner's Activity Report (OAR-1) for the 1R32 Refueling Outage is provided as an enclosure to this letter, in accordance with IWA-6211(a) through IWA-6211(e), IWA-6220, IWA-6230, and Mandatory Appendix II of the 2019 Edition of the ASME BPV Code, Section XI. Southern Nuclear Operating Company received approval for FNP Unit 1 and 2 to use the 120-day reporting requirement within the 2019 Edition of ASME Section XI, in accordance with the Reference cited above (ADAMS Accession No. ML23202A112).

The OAR-1 Report in the Enclosure includes Table 1, "Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service," which lists evaluations performed for continued service, and Table 2, "Abstract of Repair / Replacement Activities Required for Continued Service," which lists repair/replacement activities.

This report is for the second period of the 5th Inservice Inspection Interval (Interval 5, Period 2, Outage 3).

This letter contains no NRC commitments. If you have any questions, please contact Ryan Joyce at 205.992.6468.

Respectfully submitted,



Jamie Coleman  
Regulatory Affairs Director

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JMC/was/cbg

Enclosure: 1R32 Form OAR-1 Owner's Activity Report

cc: Regional Administrator, Region II  
NRR Project Manager – Farley Nuclear Plant  
Senior Resident Inspector – Farley Nuclear Plant  
RTYPE: CFA04.054

**Joseph M. Farley Nuclear Plant - Unit 1 Inservice Inspection Program  
Owner's Activity Report (OAR-1) for Outage 1R32**

**Enclosure**

**1R32 Form OAR-1 Owner's Activity Report**

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

Report Number 1-5-2-3 (Unit 1, 5<sup>th</sup> Interval, 2<sup>nd</sup> Period, 3<sup>rd</sup> Report)

Plant Joseph M. Farley Nuclear Plant

Unit No. 1 Commercial service date December 01, 1977 Refueling outage no. 1R32  
(if applicable)

Applicable inspection interval 5<sup>th</sup>  
(1st, 2nd, 3rd, 4th, other)

Applicable inspection period 2<sup>nd</sup>  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans: The 2007 Edition through 2008 Addenda, IWA-4540(b) of the 2017 Edition, and IWA-6211(a) through IWA-6211(e), IWA-6220, IWA-6230, and Mandatory Appendix II of the 2019 Edition are applicable to the 5<sup>th</sup> Inspection Interval.

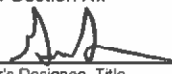
Date and revision of inspection plans: 5<sup>th</sup> Inspection Interval Inspection Plans - Volume 1- 4/2/24 (Version 7.0), Volume 3 – 07/28/2023 (Version 6.0), Volume 4 – 12/27/2022 (Version 4.0), and Volume 5 – 06/09/2022 (Version 4.0). 1R32 Outage Plan – 01/31/2024 (Version 1.0) with 1R32 Outage Plan Scope Change SC-001 – 4/17/2024

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans: Same

Code Cases used for inspection and evaluation: The following Code Cases are permitted by the Inservice Inspection Plan, Volume 1: N-504-4, N-513-5, N-561-3, N-562-2, N-586-1, N-613-2, N-638-10, N-639, N-643-2, N648-2, N-651, N-660, N-661-3, N-666-1, N-694-2, N-695-1, N-705-1, N-706-1, N-711-1, N-716-1, N-722-1, N-729-6, N-731, N-733, N-735, N-747, N-751, N-754-1, N-762-1, N-765, N-768, N-770-5, N-771, N-775, N-776, N-778, N-786-3, N-789-3, N-798, N-800, N-805, N-823-1, N-824, N-825, N-829, N-831-1, N-838, N-839, N-843, N-845-1, N-854, N-858, N-864, N-867, N-869, N-885  
(if applicable, including cases modified by Case N-532 and later revisions)

**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 1R32 conform to the requirements of Section XI.  
(refueling outage number)

Signed Gene Stone  Acting Engineering Director Date 8/20/24  
Owner or Owner's Designee, Title  
*for Josh Carroll*

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, 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.

Jeffery Snyder  Commission 12843 I N R  
Inspector's Signature (National Board Number and Endorsement)  
 Date 8/20/24

**Table 1**  
**Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service**

<b>Examination Category and Item Number</b>	<b>Item Description</b>	<b>Evaluation Description</b>
None	None	None

**Table 2**  
**Abstract of Repair / Replacement Activities Required for Continued Service**

<b>Code Class</b>	<b>Item Description</b>	<b>Description of Work</b>	<b>Date Completed</b>	<b>Repair / Replacement Plan Number</b>
3	Pipe threads damaged on valve Q1P16V216U	Replaced degraded valve, cap, and section of pipe	04/23/2024	SNC1759015
2	Boron seeping from body to bonnet of MOV Q1E11MOV8889	Seal welded body to bonnet of valve	04/26/2024	SNC1766176
2	Three pipe supports found degraded in the U1 RWST trench	Replaced pipe supports SI-R298/299, MK RM-A2, and MK RM-A4 with one pipe support SI-R299	05/21/2024	SNC1762213