

March 21, 2023

Docket No.: 50-348

NL-23-0213

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 for Outage 1R31

Ladies and Gentlemen:

The Joseph M. Farley Nuclear Plant Unit 1 OAR-1 for the 1R31 Refueling Outage is provided as an enclosure to this letter, in accordance with ASME Section XI, Article IWA-6200 and Code Case N-532-5. This Enclosure includes the OAR-1 Form, as well as 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 Interval ISI activities (Interval 5, Period 2, Outage 2).

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

Respectfully submitted,



R. Keith Brown
Regulatory Affairs Director
RKB/was/cbg

Enclosure: 1R31 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 for Outage 1R31**

Enclosure

1R31 Form OAR-1 Owner's Activity Report

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 1-5-2-2 (Unit 1, 5th Interval, 2nd Period, 2nd Report)

Plant Joseph M. Farley Nuclear Plant

Unit No. 1 Commercial service date December 01, 1977 Refueling outage no. 1R31
(if applicable)

Current inspection interval 5th
(1st, 2nd, 3rd, 4th, other)

Current inspection period 2nd
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans: The 2007 Edition through 2008 Addenda is applicable to the 5th Inspection Interval.

Date and revision of inspection plans: 5th Inspection Interval Inspection Plans - Volume 1- 08/25/2022 (Version 6.0), Volume 3 - 04/07/2022 (Version 5.0), Volume 4 - 12/27/2022 (Version 4.0), and Volume 5 - 06/09/2022 (Version 4.0). 1R31 Outage Plan - 05/19/2022 (Version 1.0) with 1R31 Outage Plan Scope Change SC-001 - 9/19/2022 and 1R31 Outage Plan Scope Change SC-002 - 10/26/2022

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: N-729-6, N-716-1, N-776, N-532-5, and N-805
(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 1R31 conform to the requirements of Section XI.
(refueling outage number)

Signed J. W. Carroll [Signature] Engineering Director Date 3/9/2023
Owner or Owner's Designee, Title

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.

Rodney Senn [Signature] Commission 12603 C I N R
Inspector's Signature (National Board Number and Endorsement)

Date 03/09/2023

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

Examination Category and Item Number	Item Description	Evaluation Description
None	None	None

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

Code Class	Item Description	Description of Work	Date Completed	Repair / Replacement Plan Number
3	Discovered through wall carbon steel piping leakage after removal of insulation to tie Service water into the Chemical feed system.	Replaced valve and piping due to leak	10/4/2022	SNC1153266
2	1 quart per minute leak on the balancing line of the 1C charging pump while the pump is in operation.	Replaced section of leaking balancing line	06/14/2021	SNC1161837
2	1 oz per minute leak on 1C charging pump balancing line.	Replaced section of pipe and flange of balancing line	08/13/2021	SNC1169344
1	Steam leak from reactor head flange	Repaired reactor vessel head flange	12/19/2022	SNC1414721
2	Steam leak from inner o-ring leak off line of reactor vessel.	Plugged vent line	12/14/2022	SNC1415194
3	Pinhole leak 6 dpm found on SW piping for cooler drain line.	Replaced section of leaking Service Water piping.	12/20/2022	SNC1417821