

W3F1-2022-0037

August 8, 2022

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

Subject:            Submittal of Owner's Activity Report Form for Inservice  
                         Inspection Performed During Operating Cycle 24 / Refuel 24  
                         Waterford Steam Electric Station, Unit 3  
                         Docket No. 50-382  
                         Renewed Facility Operating License No. NPF-38

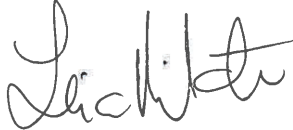
Attached is the subject report which covers the Owner's Activity Report Form, OAR-1, for Waterford 3 Operating Cycle 24 / Refuel 24, enclosed as Attachment 1. This report is being submitted in accordance with ASME Code Case N-532-5, "Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission," which was adopted for use at Waterford 3 commencing its incorporation into Regulatory Guide 1.147 and subsequent revision to CEP-RR-001 "ASME Section XI Repair/Replacement Program" on October 13, 2021.

The OAR-1 form is prepared and certified upon completion of each refueling outage and submitted within 90 calendar days of the completion of the refueling outage. This OAR-1 form provides: (1) a listing of items with flaws or relevant conditions that exceeded the acceptance criteria of Division 1 and that required evaluation to determine acceptability for continued service and (2) an abstract for repair/replacement activities that were required due to an item containing a flaw or relevant condition that exceeded Division 1 acceptance criteria. A copy of this letter and the attached report is also being submitted to the office of the Louisiana State Fire Marshall.

There are no new commitments contained in this submittal.

Please contact Leia Milster, Regulatory Assurance Manager, at (504) 739-6250 should you have any questions regarding this submittal.

Respectfully,

A handwritten signature in black ink, appearing to read "Leia Milster". The signature is fluid and cursive, with the first name "Leia" being more prominent than the last name "Milster".

Leia Milster

LM/IIb

Enclosure: 1. Owner's Activity Report for Inservice Inspection Performed During  
Operating Cycle 24/ Refuel 24

cc: NRC Region IV Regional Administrator  
NRC Senior Resident Inspector – Waterford 3  
NRC Project Manager – Waterford 3

Mr. Daniel H. Wallis  
Office of the State Fire Marshall  
8181 Independence Blvd.  
Baton Rouge, LA 70806

Enclosure to

W3F1-2022-0037

Owner's Activity Report for Inservice Inspection  
Performed During Operating Cycle 24/Refuel 24

**FORM OAR-1 OWNERS ACTIVITY REPORT**

Report Number: \_\_\_\_\_ Page 1 of 4

Plant: Waterford Steam Electric Station, 1765 River Road, Kilona, La. 70057

Unit No: 3 Commercial Service Date: 09/24/1985 Refueling Outage No.: 24  
(if applicable)

Current Inspection Interval: 4<sup>th</sup> ISI Interval  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period: 2<sup>nd</sup> Period  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plans: 2007 Edition Through 2008 Addenda

Date and Revision of Inspection Plans: 10/13/2021 Revision 11 of SEP-ISI-104

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the Inspection Plans:

Code Cases used for inspection and evaluation: N-532-5  
(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 Refuel 24 conform to the requirements of Section XI.  
(Refueling outage number)

Signed: R. Luter R. Suter Welding/Repair Replacement Engineer Date: 7/13/2022  
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 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 loss of any kind arising from or connected with this inspection.

Brenda Kuyper  
Inspector's Signature

Commissions: 13976 NI  
(National Board Number and Endorsement)

Date: 7/13/22

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**FORM OAR-1 OWNERS ACTIVITY REPORT**

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Report Number: \_\_\_\_\_

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Plant: Waterford Steam Electric Station, 1765 River Road, Kilona, La. 70057

Unit No: 3 Commercial Service Date: 09/24/1985 Refueling Outage No.: 24  
(if applicable)

<b>TABLE 1: ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE</b>		
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	3CC1 1/2-46 B1; Reactor Coolant Pump 1B Seal Cooler Component Cooling Water Outlet	Remove Temporary Modification EC-91068, replace piping. Reference CR-WF3-2021-05004 and CR-WF3-2021-04997	6/14/22	22-RR-02
3	3CC1 1/2-41 A1; Reactor Coolant Pump 1A Seal Cooler Outlet	Replace degraded piping. Reference CR-WF3-2021-04998 and CR-WF3-2022-2008, CR-WF3-2021-05004	6/14/22	22-RR-04
3	3CC1 1/2-53 A2; Reactor Coolant Pump 2A Seal Cooler Outlet Fail-Safe Tubing	Replace degraded piping. Reference CR-WF3-2022-02086	6/14/22	22-RR-05
3	3CC1 1/2-59 B2; Reactor Coolant Pump 2B Seal Cooler Outlet Fail-Safe Tubing	Replace degraded piping. Reference CR-WF3-2022-02103 and CR-WF3-2021-05004	7/12/22	22-RR-06
3	3CC1 1/2-47 B1; Reactor Coolant Pump 1B Seal Cooler Outlet Fail-Safe Tubing	Replace degraded piping. Reference CR-WF3-2022-02102 and CR-WF3-2021-05004	6/14/22	22-RR-09
3	3CC1 1/2-41 A1; Reactor Coolant Pump 1A Seal Cooler Outlet	Replace degraded piping. Reference CR-WF3-2022-02191 and CR-WF3-2021-05004	6/14/22	22-RR-10
2	2FW18-41B; Steam Generator 2 Inlet	Replace pipe in accordance with EC-73451 and EC-73453	5/11/22	19-RR-47
2	2FW18-40A; Steam Generator 1 Inlet	Replace pipe in accordance with EC-73451 and EC-73453	5/11/22	19-RR-48
2	SI MVA001401 B; Low Pressure Safety Injection Header to Reactor Coolant Loop 1B Check Valve Test Connection	Replace 2SI0 3/4-352 leaking pipe. 1 1/4" reducing insert will be replaced. Reference CR-WF3-2022-04273	7/12/22	22-RR-36
1	RC MPZR0001; Reactor Coolant System Pressurizer Vessel	Replace degraded heaters. EC-83474	6/14/22	22-RR-03
1	SI MVA001512 A; Reactor Coolant Loop 1 Hot Leg Injection Check	Replace valve, leaks by seat. Reference EC-83354	6/14/22	19-RR-41
1	RC ITE0112 CD1; Reactor Coolant Loop 1B Cold Leg Temperature	Install temporary plug in thermowell in accordance with EC-92952	7/12/22	22-RR-28

3 NF	Support ACR-444	Install Missing Lug On Line 3AC10-15, For ACR-444 CR-WF3-2022-2595 CR-WF3-2022-4007	7/12/22	22-RR-35