



SVP-21-040

June 29, 2021

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

Quad Cities Nuclear Power Station, Unit 1
Renewed Facility Operating License No. DPR-29
NRC Docket No. 50-254

Subject: Owner's Activity Report Submittal
Fifth 10-Year Interval 2021 Refueling Outage Activities

Reference: Letter from T. Tate (USNRC) to M. Pacilio (Exelon), "Quad Cities Nuclear Power Station, Units 1 and 2 – Safety Evaluation in Support of Request for Relief Associated with the Fifth 10 Year Interval Inservice Inspection Program," dated September 30, 2013.

This letter submits the Owner's Activity Report (i.e., Form OAR-1) for the Quad Cities Nuclear Power Station (QCNPS) Unit 1 refueling outage (Q1R26) that began on March 15, 2021 and was completed on March 31, 2021. This is the first refueling outage conducted in the Third (3RD) Inspection Period of the Fifth (5th) 10-Year Interval Inservice Inspection (ISI) Program for QCNPS Unit 1. A copy of the Owner's Activity Report is provided as attachment to this letter.

This Owner's Activity Report is submitted in accordance with American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Case N-532-5, "Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission". Code Case N-532-5 requires an Owner's Activity Report Form OAR-1 to be prepared and certified upon completion of each refueling outage. In accordance with the conditions of Code Case N-532-5, this OAR-1 form is being submitted within ninety (90) days of the completion of the refueling outage. No new inaccessible areas were identified for evaluation in Q1R26 therefore reporting under 10 CFR 50.55a(b)(2)(ix)(A)(2) is not required.

No welds were reclassified or changed status within the Intergranular Stress Corrosion Cracking (IGSCC) program this outage.

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Should you have any questions concerning this letter, please contact Mrs. Sherrie Grant, Manager of Site Regulatory Assurance, at (309) 227-2800.

Respectfully,

A handwritten signature in black ink, appearing to read "Brian Wake". The signature is stylized with large, flowing loops. To the right of the signature, the word "FOR" is written in a smaller, less stylized font.

Kenneth S. Ohr
Site Vice President
Quad Cities Nuclear Power Station

Attachments: 1. Owner's Activity Report, Form OAR-1

cc: Regional Administrator – Region III
NRC Senior Resident Inspector, Quad Cities Station

Attachment 1
Owner's Activity Report, Form OAR-1

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number Refueling Outage Q1R26 OAR-1

Plant Quad Cities Nuclear Power Station, 22710 206th Ave. North, Cordova, IL 61242

Unit No. 1 Commercial Service Date 02/18/1973 Refueling Outage Number Q1R26
(if applicable)

Current Inspection Interval 5th Inspection Interval (ISI), 3rd Inspection Interval (Containment)
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period 3rd Inspection Period (ISI), 1st Inspection Period (Containment)
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plans 2007 Edition and 2008 Addenda (ISI),
2013 Edition (Containment)

Date and Revision of Inspection Plans 05/13/2021 and Revision 3

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

Code Cases used: N-62-7, N-508-4, N-513-4, N-532-5, N-600, N-765, N-778, N-789-2, N-795, N-805, N-823-1, N-854
(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 Q1R26 conform to the requirements of Section XI (refueling outage number)

Signed Cruz, Ramon Digitally signed by Cruz, Ramon Date: 2021.06.15 10:06:39 -05'00', Material Programs Engineer Date _____
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
and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, 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 a loss of any kind arising from or connected with this inspection.

Norville, Jeremy B Digitally signed by Norville, Jeremy B Date: 2021.06.17 13:05:53 -05'00' Commissions IL 2211; NB13175 R, N, I
Inspector's Signature (National Board Number and Endorsement)

Date _____

Attachment 1
Owner's Activity Report, Form OAR-1

TABLE 1
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
B-P, B15.10	IR 04412025 – PSU: LEAK FROM VALVE 1-0220-1	EC 633945 – From Conclusion: <i>"Based on this evaluation, the integrity of the mechanical connection and PSR, its leakage and maintenance history and its impact on system operability of the MSL IB Drain MO 1-0220-1, a cumulative mechanical connection leakage of approximately 0.15 gpm (as observed during the Class 1 System leakage tests) is determined to be acceptable as an Owner's limit. Using the methodology outlined above, a 0.15 gpm leak through 1-0220-01 valve PSR conservatively results in 0.021 gpm leakage to the DWFDs during operation, allowing for 4.979 gpm of margin to the Tech Spec Limit. Therefore, the leakage identified (0.132 gpm) during Q1R26 for the MSL IB Drain MO 1-0220-1 is acceptable for Unit 1 Cycle 27."</i>

Attachment 1
Owner's Activity Report, Form OAR-1

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	IR 04319929 – 1B RHRSW DISCHARGE PIPING LEAK.	WO 05010715 – MM 1B RHRSW DISCHARGE PIPING LEAK	02/29/2020	20-003
3	IR 04366560 – U1 A/B RHR ROOM COOLER INLET PIPING LEAK	WO 05074170 – MM REPAIR LEAK ON DGCWP LINE (TEMPORARY)	09/17/2020	20-096
	IR 04369475 - WORK ORDER FOR PERMANENT REPAIR OF U-1 EDCWP LINE 1-3958-6"	WO 05080910 – MM PERMANENT REPAIR OF U-1 EDG COOLING WATER LINE 1-3958-6"	03/27/2021	20-116
3	IR 04386700 – PIN-HOLE LEAKS FOUND AT WELD FOR 0-5799-381 "B" HV	WO 05102122 – PIN-HOLE LEAKS FOUND AT WELD FOR 0-5799-381 "B" HVAC TRAIN	12/04/2020	20-120
3	IR 04411796 – Q1R26 PIN HOLE LEAK ON DGCW LINE DOWNSTREAM OF 1-3999-885	WO 05138188 – CM Q1R26 PIN HOLE LEAK ON DGCW LINE DOWNSTREAM OF 1-3999-885	03/28/2021	21-015
	IR 04412040 – PSU APS AS FOUND ASBESTOS REMOVAL UNCOVERED LEAK IN PIPE			