



SVP-18-049

July 2, 2018

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

Quad Cities Nuclear Power Station, Unit 2
Renewed Facility Operating License No. DPR-30
NRC Docket No. 50-254

Subject: Owner's Activity Report Submittal
Fifth 10-Year Interval 2018 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 2 refueling outage (Q2R24) that began on March 19, 2018, and was completed on April 7, 2018. This is the first refueling outage conducted in the Second (2nd) Inspection Period of the Fifth (5th) 10-Year Interval Inservice Inspection (ISI) Program for QCNPS Unit 2. A copy of the Owner's Activity Report is provided as attachment to this letter.

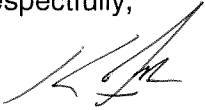
This Owner's Activity Report is submitted in accordance with American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Case N-532-4, "Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission", and the referenced NRC Safety Evaluation, which authorized the use of Code Case N-532-4 at QCNPS (i.e., Relief Request I5R-09). Code Case N-532-4 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-532-4, this OAR-1 form is being submitted within ninety (90) days of the completion of the refueling outage. No metal containment examinations (i.e. IWE) were performed in Q2R24 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 Mr. Mark Humphrey, Regulatory Assurance Manager, at (309) 227-2800.

Respectfully,

A handwritten signature in black ink, appearing to read 'K. S. Ohr', written in a cursive style.

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

bcc: NRC Project Manager – NRR Kimberly.Green@nrc.gov (Hard copy w/o atts)
Illinois Emergency Management Agency – Department of Nuclear Safety (Hard copy with atts)
Senior Reactor Analyst – NRC Region III (Hard copy w/o atts)
Glen T. Kaegi, Director, Licensing and Regulatory Affairs – Cantera (ECopy w/o atts)
Patrick Simpson, Manager, Licensing, Dresden and Quad Cities Stations (ECopy w/o atts)
Exelon Document Control Desk Licensing (Hard Copy with atts)
Exelon Document Control Desk Licensing (ECopy with atts)
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STMoore@midamerican.com
Bruce Franzen, Regulatory Assurance Manager – Dresden Nuclear Power Station (ECopy w/o atts)
Mark Humphrey, Regulatory Assurance Manager – Quad Cities Nuclear Power Station (ECopy w/o atts)
Tom Petersen, NRC Coordinator – Quad Cities Nuclear Power Station (ECopy w/o atts)
Kara Koett, NSRB Site Coordinator – Quad Cities Nuclear Power Station (ECopy w/o atts)
Kara Koett, INPO Site Coordinator – Quad Cities Nuclear Power Station (ECopy w/o atts)
SVP Letter File Q:\SVP
Reg. Assurance Clerk (copy for record turnover)

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

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number Refueling Outage Q2R24 OAR-1

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

Unit No. 2 Commercial Service Date 03/10/1973 Refueling Outage Number Q2R24
(if applicable)

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

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

Edition and Addenda of Section XI applicable to the Inspection Plans 2007 Edition and 2008 Addenda (ISI),
2001 Edition and 2003 Addenda (Containment)

Date / Revision of Inspection Plans 3/19/16 / Revision 2

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-532-4, N-578-1, N-613-2, N-649, N-702

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 Q2R24 conform to the requirements of Section XI (refueling outage number)

Signed [Signature], Material Programs Engineer Date 06/21/2018
(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 the State or Province of Illinois 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

[Signature] Commissions IL 2211; NB13175 R, N, I
(Inspector's Signature) National Board, State, Province, and Endorsements

Date 22 Jun 18

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-A, B1.40	RPV-THHF - RPV CLOSURE HEAD TO FLANGE WELD	IR 04121523, GE Nuclear Energy Analysis SASR 90-33 "Structural Evaluation of Cracks in the Top Head at Quad Cities Nuclear Power Station, Unit 2" dated April 1990.
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