



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2056 WESTINGS AVENUE, SUITE 400
NAPERVILLE, IL 60563-2657

July 30, 2025

EAI-RIII-2025-0085

Jeff Meyers
[HOME ADDRESS DELETED]
UNDER 10 CFR 2.390(a)]

SUBJECT: NOTICE OF VIOLATION AND NRC INSPECTION REPORT NO.
05000254/2024403

Dear Jeff Meyers:

This letter refers to an inspection that was performed by the U.S. Nuclear Regulatory Commission (NRC) Region III office at the Quad Cities Nuclear Power Station (Quad Cities), which concluded on April 16, 2025. The purpose of the inspection was to review activities surrounding a Unit 1 reactor pressure vessel (RPV) drain down event due to the mispositioning of approximately 177 safety-related hydraulic control unit (HCU) accumulator drain valves that occurred on March 28, 2023.

In the letter transmitting the inspection report, we provided you with the opportunity to address the apparent violation identified in the report by either attending a predecisional enforcement conference or by providing a written response before we made our final enforcement decision. On May 22, 2025, you contacted the NRC Region III office to inform the regional staff of your decision to decline further participation in this case.

Based on the information developed during the inspection, the NRC determined that on March 28, 2023, as a Reactor Operator (RO) overseeing Unit's 1 outage work activities, you directed equipment operators to not complete Attachment B of QCOP-0500-04. Specifically, your decision resulted in the opening of the HCU accumulator drain valves without the human performance tools in Attachment B (i.e., concurrent or independent verification), thereby creating multiple penetration flow paths below top of active fuel susceptible to a common mode failure. This ultimately led to the loss of 5-6 inches of RPV inventory and required operator action to stop the drain down. Reactor Operator License Number OP-31534-2 issued to you on July 7, 2023, states, in part, "While performing licensed duties you shall observe the operating procedures and other conditions specified in the facility licensee authorizing operation of the facility." Technical Specification 5.4.1, "Procedures," requires, in part, that written procedures shall be established, implemented, and maintained as covered in Regulatory Guide 1.33. Contrary to the above, on March 28, 2023, you failed to implement written procedures covered in Regulatory Guide 1.33. Your actions caused Quad Cities to be in violation of Technical Specification 5.4.1 and you in violation of Technical Specification 5.4.1. Given the significance of the underlying issue, this violation has been categorized in accordance with the NRC Enforcement Policy at Severity Level III. The violation is cited in the enclosed Notice of Violation (Notice). NRC Inspection Report No. 05000254/2024403 can be found in the NRC's Agencywide Documents Access and Management System (ADAMS) at ML25114A211.

The NRC has concluded that information regarding: (1) the cause of the violation, and (2) the corrective actions to address the violation were adequately addressed by actions taken by you and Quad Cities. Therefore, you are not required to respond to this letter. However, should you choose to respond, your response should be sent to the U.S. Nuclear Regulatory Commission, ATTN: Director, Division of Operating Reactor Safety, 2056 Westings Avenue, Suite 400, Naperville IL, 60563-2657, include IA number, "EAI-RIII-2025-0085," and marked "Open by Addressee Only," within 30 days of the date of this letter. You may contact Diana Betancourt-Roldan, Enforcement/Investigations Officer, if you have any questions at 630-810-4373.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," enforcement actions are made available electronically for public inspection in the NRC Public ADAMS. A copy of this letter and the enclosed NOV with your address removed will be made available to the public unless you provide a sufficient basis to withdraw this violation. The NRC also includes significant enforcement actions on its Web site at <http://www.nrc.gov/reading-rm/doc-collections/enforcement/actions>.

In addition, this letter will be maintained by the Office of Enforcement in an NRC Privacy Act system of records, NRC-3, Enforcement Actions Against Individuals. The NRC-3 system notice, which provides detailed information about this system of records, can be accessed from the NRC Web site at <https://www.nrc.gov/reading-rm/foia/privacy-systems.html>. Finally, a copy of this letter will be placed in your 10 CFR Part 55 docket file.

Please feel free to contact Nestor J. Feliz Adorno of my staff at 630-829-9739 if you have any questions.

Sincerely,



Signed by Giessner, Jack
on 07/30/25

John B. Giessner
Regional Administrator

Enclosure: Notice of Violation

Letter to J. Meyers from J. Giessner dated July 30, 2025.

SUBJECT: NOTICE OF VIOLATION AND NRC INSPECTION REPORT NO.
05000254/2024403

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OFFICIAL RECORD COPY

NOTICE OF VIOLATION

Jeff Meyers
[HOME ADDRESS DELETED
UNDER 10 CFR 2.390]

EAI-RIII-2025-0085

During the performance of the Inspection Procedure 71152, Problem Identification and Resolution, at the Quad Cities Nuclear Station (Quad Cities), on April 16, 2025, the U.S Nuclear Regulatory Commission (NRC) identified a violation of NRC requirements concerning a licensed operator. In accordance with the NRC Enforcement Policy, the violation is listed below:

Reactor Operator License Number OP-31534-2 issued to Jeff Meyers on July 7, 2023, states, in part, "While performing licensed duties you shall observe the operating procedures and other conditions specified in the facility licensee authorizing operation of the facility."

TS 5.4.1, "Procedures," requires, in part, that written procedures shall be established, implemented, and maintained as covered in Regulatory Guide 1.33, Revision 2, Appendix A, February 1978. Regulatory Guide 1.33, Section 1, "Administrative Procedures," covers procedures for procedure adherence as well as authorities and responsibilities for safe operation and shutdown. Section 4, "Procedure for Startup, Operation, and Shutdown of Safety-Related BWR Systems," cover procedures for energizing, filling, venting, draining, startup, shutdown, and changing modes of operation for the Control Rod Drive (CRD) system.

The facility established procedure QCOP 0500-04, "Inserting Manual Scrams," Revision 14, as a continuous use procedure of the CRD system to provide instructions for inserting a full manual scram when the reactor is shutdown. Step D.5 states, in part, that "Inserting a scram with the CRD drain valves open will result in a drain path from the vessel." Step F.2.b(3) requires, in part, closing all 177 safety-related HCU accumulator drain valves per Attachment B, which requires either a concurrent or independent verification that each valve is closed.

Contrary to the above, on March 28, 2023, you failed to implement written procedures covered in Regulatory Guide 1.33, as evidenced by the following examples:

- You directed equipment operators to not complete Attachment B of QCOP 0500-04, which was contrary to step F.2.b(3) of the procedure. Specifically, attachment B included steps for closing the safety-related HCU accumulator drain valves as well as human performance tools designed to prevent errors (i.e., either a concurrent or independent verification of each valve closure). As a result of the decision not to complete Attachment B, the equipment operators neither performed nor confirmed the closure of the valves.
- You signed off step F.2.b(3) of QCOP 0500-04 as complete and proceeded with the next steps without ensuring Attachment B was complete and that all appropriate steps were performed. Specifically, you relied on verbal confirmation from the equipment operators that their assigned tasks were complete. Ultimately, this led to inadvertently establishing a drain path from the reactor vessel resulting in the Unit 1 reactor vessel water level dropping between 5-6 inches.

Enclosure

Your decision not to complete the attachment caused the licensee to place Unit 1 in a condition prohibited by TS 3.5.2, which requires, in part, that RPV drain time to the TAF be ≥ 36 hours in Modes 4 and 5, with immediate actions required if drain time falls below 8 or 1 hour. Since the decision to informally plan the implementation of QCOP-0500-04 resulted in a drain time of 15 minutes, it also led to a red shutdown safety level, which is not permitted by procedure OU-AA-103, revision 23.

This is a Severity Level III violation (Enforcement Policy Section 6.4).

The NRC has concluded that information regarding: (1) the cause of the violation, and (2) the corrective actions to address the violation were adequately addressed by actions taken by you and Quad Cities. However, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation; EAI-RIII-2025-0085," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, with a copy to the Regional Administrator, Region III, 2056 Westings Avenue, Suite 400, Naperville, IL, 60563-2657, and a copy to the NRC Resident Inspector at the Quad Cities Nuclear Power Plant within 30 days of the date of the letter transmitting this Notice of Violation (Notice).

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

If you choose to respond, your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Therefore, to the extent possible, the response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction. This letter will be maintained by the Office of Enforcement in an NRC Privacy Act system of records, NRC-3, Enforcement Actions Against Individuals. This system, which is not publicly-accessible, includes all records pertaining to individuals who are being or have been considered for enforcement action, whether such action was taken or not. The NRC-3 system notice, which provides detailed information about this system of records, can be accessed from the NRC Web site at <http://www.nrc.gov/reading-rm/foia/privacy-systems.html>.

Dated this 30th day of July 2025.