

PRELIMINARY NOTIFICATION - REGION III

May 23, 2025

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-2025-001

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest and/or significance. Some of the information may not yet be fully verified or evaluated by the Region III staff.

Facility

Constellation Nuclear
Quad Cities Nuclear Power Station
Cordova, IL
Docket: 05000265

Licensee Emergency Classification

☒ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☐ Not Applicable

SUBJECT: QUAD CITIES NUCLEAR POWER STATION DECLARATION OF AN UNUSUAL EVENT FOLLOWING A FIRE ON THE UNIT 2, 125V DC BATTERY

On Thursday, May 22, at 4:13 a.m. CDT, the Quad Cities Nuclear Power Station declared a Notice of Unusual Event (NOUE) due to a fire in the Unit 2, 125V DC battery room (Event Notice (EN) 57728). At 3:59 a.m. CDT, the site was performing discharge testing of the batteries, when the control room received a fire alarm. Personnel in the battery room observed sparks and a flame on one of the battery cells. The onsite fire brigade responded to the scene and extinguished the fire by 4:22 a.m. CDT. Offsite fire assistance was not required. The NOUE was terminated at 5:20 a.m. CDT. No personnel were injured. The licensee is investigating the cause of the fire.

Unit 2 remained at full power with no complications as the battery was already out of service for testing/maintenance, and the station was aligned to the alternate 125V DC battery. There were also no impacts to Unit 1 as a result of the event.

This event had no negative impact on the public.

NRC Resident Inspectors responded to the site and verified that the plant was in a safe condition and that plant personnel were operating in a manner consistent with protecting the health and safety of the public. The resident inspectors, with assistance from a regional electrical specialist, continue to monitor the licensee's investigation and repair efforts.

State and county officials have been notified by the licensee.

OFFICIAL RECORD COPY

NRC Region III, located in Naperville, IL, received official notification of the NOUE by telephone call from the licensee via event notification on Thursday, May 22, 2025, at 4:53 a.m. CDT.

The information presented herein has been discussed with the licensee and is current as of 6:30 a.m. CDT on May 23, 2025.

ADAMS Accession Number: ML25143A124

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