

January 19, 2021

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-IV-21-001**

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV, Arlington, Texas staff on this date.

**Facility**

Union Electric Company  
Callaway Plant  
P.O. Box 620  
Fulton, MO 65251  
Docket: 50-483  
License No. NPF-30

**Licensee Emergency Classification**

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

SUBJECT: UPDATE - CALLAWAY PLANT AUTOMATIC REACTOR TRIP DUE TO MAIN GENERATOR FAULT, AND SHUTDOWN GREATER THAN 72 HOURS

DESCRIPTION:

On December 24, 2020, Callaway Plant experienced an automatic reactor trip from 90 percent power because of a problem with the main generator, a non-safety system. The trip was uncomplicated, and all safety systems responded as expected. See Event Notification EN-55049. The resident inspectors responded to the site, verified plant conditions, and inspected the facility. The plant remains in Mode 3 (Hot Standby).

Following the trip, the licensee began disassembly of the main generator. Inspections revealed damage to the main generator stator and stator cooling piping. Because of the extent of damage, the licensee is reviewing the causes and developing an action plan to safely return the plant to service.

On January 13, 2021, the licensee issued a press release to describe that work continues on the main generator.

The State of Missouri has been notified.

The NRC staff will continue to follow the licensee's actions in response to the ongoing repairs using the baseline inspection program.

Region IV received initial notification of this occurrence by telephone call from the licensee at 12:30 p.m. on December 24, 2020. The information presented herein has been discussed with the licensee, and is current as of January 14, 2021 at 7:00 a.m.

ADAMS ACCESSION NUMBER: ML21019A559

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