

JAFP-24-0063
November 25, 2024

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

James A FitzPatrick Nuclear Power Plant
Renewed Facility Operating License No. DPR-59
NRC Docket No. 50-333

Subject: Interim Report of a Deviation or Failure to Comply Associated with
General Electric Thermal Overload Relay, Model CR124G011, Part
Number DD317A7861P003

References: Notification, Part 21 - Defective Thermal Overload Relay
Discovered During Testing, EN 57437, dated November 22, 2024

Dear Sir or Madam:

In accordance with the requirements of 10 CFR 21.21(a)(2), James A. FitzPatrick Nuclear Power Plant (JAF) is submitting this interim report for General Electric thermal overload relay, model CF124G011, part number DD317A7861P003; as reported by Event Notification Report EN 57437 [Reference].

A sample of overload relays were sent to PowerLabs for Parts Quality Initiative (PQI) testing. The results were reviewed by JAF and a deviation in one relay component was discovered. Testing identified a failure to latch on trip, which is a deviation from the performance characteristics of the relay. Under normal operation, the relay would latch in the tripped state requiring a manual reset of the relay. If the relay with the deviation were installed, the relay would trip when required; however, it would automatically reset. The unexpected reset could result in unintended cycling of associated equipment including repeated exposure to inrush current and potential damage.

Bench testing would be expected to identify this condition prior to installation. Based on a review, this potential condition does not affect installed equipment. The affected relay was stored at JAF since July 1998.

The cause of the deviation cannot be investigated because the part is not available; however, the evaluation of the potential effect of the condition on equipment where the relay could have been used at JAF is ongoing, and it is expected to be completed by February 28, 2025. This notification is being submitted as an interim report per 10 CFR 21.21(a)(2).

There are no new regulatory commitments contained in this letter. Should you have any questions regarding this submittal, please contact Mark Hawes, Regulatory Assurance, at (315) 349-6659.

Sincerely,

Per telegram
 M. Hawes

Alexander Sterio
Site Vice President

AS:CT:mh

cc: next page

cc: Director, Office of Nuclear Reactor Regulation
NRC Region I Administrator
NRC Resident Inspector
NRC Project Manager