

JAFP-25-0030
May 8, 2025

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
Docket No. 50-333

Subject: Initial 10 CFR 21 Notification for GE Hitachi Molded Case Circuit Breakers Failed to Instantaneously Trip

Reference: GEH letter, GEH PN: DD148C6151P004 (ABB PN: TB13030BWE05), Molded Case Circuit Breaker, SC 25-01 Revision 0, dated March 7, 2025

Dear Sir or Madam:

On March 7, 2025, General Electric Hitachi (GEH) issued 10 CFR Part 21 Communication SC 25-01 [Reference] for Molded Case Circuit Breaker (MCCB), in accordance with 10 CFR 21.21(b). Testing performed by GEH identified a deviation in two (2) breakers; specifically, GEH part number DD148C6151P004 (Asea Brown Boveri (ABB) part number: TB13030BWE05). These MCCBs failed to instantaneously trip at the designated current/time.

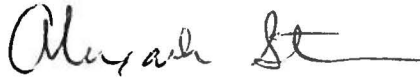
James A. FitzPatrick Nuclear Power Plant (JAF) completed an evaluation of this deviation in accordance with 10 CFR 21.21(a)(1) on May 6, 2025, and concluded this condition is a defect which could create a substantial safety hazard. The instantaneous trip function of this component protects safety-related buses from tripping on an overcurrent condition.

JAF was listed as the only affected plant. It was determined that the defect does not exist in any installed plant equipment because bench testing, performed prior to installation, includes overcurrent trip testing and would have identified this defect. The components affected by this defect have been restricted to prevent them from being installed pending corrective action resolution.

This letter is submitted as a non-emergency notification in accordance with 10 CFR 21.21(d)(3)(i). Additional details will be provided in a written report within 30 days, in accordance with 10 CFR 21.21(d)(3)(ii).

There are no new regulatory commitments contained in this letter. The NRC Senior Resident Inspector at JAF has been notified. Should you have any questions regarding this submittal, please contact Mark Hawes, Regulatory Assurance, at (315) 349-6659.

Sincerely,

A handwritten signature in black ink, appearing to read "Alexander Sterio".

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