



Post Office Box 2000, Decatur, Alabama 35609-2000

January 23, 2024

10 CFR 21.21

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Browns Ferry Nuclear Plant, Units 2  
Renewed Facility Operating License No. DPR-52  
NRC Docket No. 50-260

Subject: **Final Report of a Deviation or Failure to Comply Associated with a Relay in the Unit 2 Reactor Core Isolation Cooling Condensate Pump**

References: Letter from TVA to NRC, "Interim Report of a Deviation or Failure to Comply Associated with a Relay in the Unit 2 Reactor Core Isolation Cooling Condensate Pump," dated December 1, 2023 (ML23335A072)

On December 1, 2023, the Tennessee Valley Authority (TVA) submitted an interim Part 21 report regarding a defective overload relay at Browns Ferry Nuclear Plant (BFN). On October 2, 2023, a new overload relay was found to be defective during post-maintenance testing on a circuit breaker for the BFN, Unit 2, Reactor Core Isolation Cooling (RCIC) condensate pump. This QA1 part (DBC069X) had previously passed receipt inspection in April 2023 as part of a bulk order of 90 relays of this same type, of which, 82 remained in stock. This issue was promptly entered into the BFN Corrective Action Program (CAP) as Condition Report (CR) 1883872.

The manufacturer, GE-Hitachi (GEH), has inspected and tested the relay. Based upon TVA's evaluation of GEH's report, BFN Engineering had concluded that this is not a Part 21 reportable issue.

There are no new regulatory commitments contained in this letter. Should you have any questions concerning this submittal, please contact David Renn, Site Licensing Manager, at (256) 729-2636.

Respectfully,

A handwritten signature in black ink, appearing to read 'M. Sivaraman', is written over a white background.

M. Sivaraman  
Site Vice President

U.S. Nuclear Regulatory Commission

Page 2

January 23, 2024

cc (w/ Enclosures):

NRC Regional Administrator - Region II

NRC Senior Resident Inspector - Browns Ferry Nuclear Plant

NRC Project Manager - Browns Ferry Nuclear Plant