



Sequoyah Nuclear Plant, Post Office Box 2000, Soddy Daisy, Tennessee 37384

May 04, 2023

10 CFR 21.21(a)(2)

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

Sequoyah Nuclear Plant, Unit 1
Renewed Facility Operating License No. DPR-77
NRC Docket No. 50-327

Subject: Retraction of Interim Report of a Deviation or Failure to Comply Associated with a Limitorque Actuator

- References:
1. Letter from TVA to NRC, "Interim Report of a Deviation or Failure to Comply Associated with a Limitorque Actuator," dated January 24, 2023
 2. Letter from TVA to NRC, "Interim Report of a Deviation or Failure to Comply Associated with a Limitorque Actuator," dated March 1, 2023

In accordance with the requirements of 10 CFR 21.21(a)(2), the Tennessee Valley Authority submitted interim Part 21 notification reports (References 1 and 2) associated with as-left testing of the Unit 1, turbine-driven auxiliary feedwater pump, trip and throttle valve (actuator, QA 1, motor operated valve, Limitorque model SMB-000) that identified a motor anomaly (the motor is a sub-component of the valve actuator). The motor test revealed higher than expected current and the motor was running at higher-than-expected RPMs. The increased current appeared to be associated with the motor shunt winding. This letter retracts the interim Part 21 notification reports (References 1 and 2) based on Sequoyah Nuclear Plant (SQN) Engineering and vendor investigation results.


Based on the review of the Framatome Data Package and the Flowserve Evaluation of the DC Motor performed for SQN, it was determined that the motor was provided to SQN without deviation. Evaluation of the motor failure determined the defect identified during field testing was induced by installation and preoperational testing.

There are no new regulatory commitments contained in this letter. Should you have any questions concerning this submittal, please contact Mr. Rick Medina, Site Licensing Manager, at (423) 843-8129.

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Respectfully,

Marshall,
Thomas B.

 Digitally signed by Marshall,
Thomas B.
Date: 2023.05.04 07:29:05 -04'00'

Thomas B. Marshall
Site Vice President
Sequoyah Nuclear Plant

cc: NRC Regional Administrator – Region II
NRC Senior Resident Inspector – Sequoyah Nuclear Plant