



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

December 28, 2023

10 CFR 21.21(a)(2)  
10 CFR 50.4

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

Sequoyah Nuclear Plant, Unit 2  
Renewed Facility Operating License No. DPR-79  
NRC Docket No. 50-328

**Subject: Interim Report of a Deviation or Failure to Comply – Lube Oil Scavenging and Fuel Oil Engine Driven Pump**

In accordance with the requirements of 10 CFR 21.21(a)(2), the Tennessee Valley Authority is submitting this interim report for Sequoyah Nuclear Plant (SQN), Unit 2.

During operation of the emergency diesel generator following replacement of Lube Oil Scavenging and Fuel Oil Engine Driven Pump on October 5, 2023, it was noticed that the pump shaft had sheared in two. On November 2, 2023, SQN completed its 10 CFR Part 21 discovery process and determined the need to perform a 10 CFR Part 21 Evaluation.

The evaluation on the above conditions is ongoing and will not be completed within 60 days. Because the 10 CFR Part 21 Evaluation cannot be completed within 60 days of discovery, SQN is submitting this interim report.

SQN intends to complete the 10 CFR Part 21 Evaluation no later than February 25, 2024.

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 or rmedina4@tva.gov.

Respectfully,

**Marshall, Thomas B.**

Digitally signed by Marshall, Thomas B.  
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Thomas B. Marshall  
Site Vice President  
Sequoyah Nuclear Plant

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