



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

July 9, 2026

10 CFR 50.73

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

Browns Ferry Nuclear Plant, Unit 1
Subsequent Renewed Facility Operating License No. DPR-33
NRC Docket No. 50-259

Subject: **Cancellation of Licensee Event Report 50-259/2026-001-00 - Safety System Functional Failure due to High Pressure Coolant Injection Drain Valves Inoperable**

Reference: Letter from TVA to NRC, "Licensee Event Report 50-259/2026-001-00," dated March 19, 2026 (ML26078A025).

Consistent with the guidance in NUREG-1022, Revision 3, Sections 2.8 and 5.1.2, Browns Ferry Nuclear Plant (BFN) is cancelling (formally withdrawing) Licensee Event Report (LER) 50-259/2026-001-00.

On January 18, 2026, BFN Unit 1 HPCI system was declared inoperable due to 1-FCV-073-0006A, (HPCI steam line condensate inboard drain valve), and 1-FCV-073-0006B, (HPCI steam line condensate inboard drain valve), being forced closed. The Unit 1 HPCI Steam Line Condensate Drain Valves failed in the closed position due to a solenoid coil failure.

LER 50-259/2026-001-00 was submitted on March 19, 2026, pursuant to Title 10 of the Code of Federal Regulation (10 CFR) 50.73(a)(2)(v)(D), as any event or condition that could have prevented the fulfillment of the safety function of structures or systems that are needed to mitigate the consequences of an accident.

On July 07, 2026, an independent engineering analysis was completed which analyzed transient loading due to the presence of water in the steam lines including piping stress and piping supports. The analysis determined that moisture in the steam lines due to the drain valves being closed would not impact the HPCI system in such a way to challenge operability. Therefore, the HPCI system remained operable, the condition does not meet the criteria to be reportable under 10 CFR 50.73 and LER 50-259/2026-001-00 is being cancelled.

U.S. Nuclear Regulatory Commission
Page 2
July 9, 2026

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

Respectfully,

A handwritten signature in black ink, appearing to read 'DLAK' followed by a long horizontal stroke.

Daniel A. Komm,
Site Vice President

cc:

NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant
NRC Project Manager - Browns Ferry Nuclear Plant