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

January 16, 2015

10 CFR 50.4

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

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

Subject: **Browns Ferry Nuclear Plant (BFN) - Special Report 260/2015-001 for Inoperable Post Accident Monitoring (PAM) Instrumentation**

In accordance with Technical Specification (TS) 5.6.6, PAM Report, this letter provides notification of a PAM instrument that was not restored to Operable status within 30 days as required by TS Limiting Condition for Operation (LCO) 3.3.3.1, Post Accident Monitoring (PAM) Instrumentation.

BACKGROUND INFORMATION:

On December 6, 2014, it was determined that the Suppression Pool Water Temperature Recorder, 2-TR-064-0162, was not functioning. This PAM instrument was declared inoperable, and the Actions of TS LCO 3.3.3.1 were entered.

BFN Unit 2 TS LCO 3.3.3.1 requires two channels of suppression pool temperature monitoring to be Operable in Modes 1 and 2. With one required channel inoperable, TS 3.3.3.1 Required Action A.1 directs the required channel to be returned to Operable status in 30 days. If the required channel cannot be restored to Operable status in the required time period, TS 3.3.3.1 Required Action B.1 requires actions to be initiated in accordance with TS 5.6.6, PAM Report.

The 30 day action completion time for TS LCO 3.3.3.1 was exceeded on January 5, 2015.

CAUSE OF THE INOPERABILITY:

The PAM instrument was declared inoperable due to a failure of a pen on the recorder, 2-TR-064-0162. Troubleshooting determined that the recorder could not be repaired and required replacement. At the time of the failure, Design Change Notice (DCN) 69237, Stage 6, was in progress to replace several obsolete BFN Unit 2 Main Control Room recorders, including 2-TR-064-0162. Although a schedule was developed to accelerate completion of the DCN and ensure replacement of the obsolete recorder within 30 days as required by TS LCO 3.3.3.1, final restoration of the new digital recorder was delayed due to

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a combination of challenges with obtaining vendor inputs over the holiday period, coupled with resolution of questions related to installation of a new digital asset. The new digital recorder was returned to service on day 31 of the LCO (January 6, 2015).

PREPLANNED ALTERNATE MONITORING METHOD:

There are two separate recorders available to monitor suppression pool water temperature, 2-TR-064-0161 and 2-TR-064-0162. Suppression Pool Water Temperature Recorder, 2-TR-064-0161, remained Operable and was used for monitoring while 2-TR-064-0162 was replaced with a digital recorder.

Suppression Pool Temperature Recorder, 2-TR-064-0162, was returned to service on January 6, 2015; therefore, a preplanned alternate method of monitoring is no longer required.

PLANS AND SCHEDULE FOR RESTORING THE INSTRUMENT CHANNEL:

On January 6, 2015, the recorder was declared Operable, and the LCO exited.

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

Respectfully,

K. J. Polson
Site Vice President

cc:

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