



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

April 26, 2016

10 CFR 50.4  
10 CFR 50, Appendix E

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

Browns Ferry Nuclear Plant, Unit 3  
Renewed Facility Operating License No. DPR-68  
NRC Docket No. 50-296

Subject: **Emergency Response Data System Changes**

The purpose of this letter is to provide changes to the Emergency Response Data System (ERDS), as required by Title 10 of the Code of Federal Regulations (10 CFR) 50, Appendix E, Section VI.3, "Maintaining Emergency Response Data System" for Browns Ferry Nuclear Plant (BFN), Unit 3, due to minor changes to one ERDS data point, CALCO40 Total Feedwater Flow. This change included modifying five safety parameter display system points that could be summed for CALCO40, either A and B feedwater line flow points, 3-78A and 3-78B, or the three reactor feed pump flow points, 3-6, 3-13, and 3-20. These changes were made due to requirements of the Extended Power Uprate project.

This change is summarized in the Enclosure, which is page 12 in technical instruction 3-TI-411, Emergency Response Data System (ERDS) Data Point Library.

This change is being provided in accordance with 10 CFR 50, Appendix E, Section VI.3.a, which requires a notification within 30 days after the changes are made for any software or hardware changes to any transmitted data points identified in the Data Point Library. This new point calculation went into effect March 27, 2016, following the implementation and testing of the new data point on BFN, Unit 3, following the refueling outage.

There are no new regulatory commitments in this letter. Please direct questions concerning this issue to Jamie L. Paul at (256) 729-2636.

Respectfully,

A handwritten signature in black ink, appearing to read "Scott M. Hummer" followed by a flourish.

S. M. Bono  
Site Vice President

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Enclosures: Emergency Response Data System Data Point Library Change

cc (w/Enclosure):

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

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Enclosure  
bcc (w/o Enclosure):

NRC Project Manager - Browns Ferry Nuclear Plant

S. M. Bono  
J. L. Paul  
J. W. Shea  
P. B. Summers

**ENCLOSURE**

**Browns Ferry Nuclear Plant  
Unit 3**

**Emergency Response Data System Data Point Library Change**

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<b>BFN Unit 3</b>	<b>Emergency Response Data System (ERDS) Data Point Library</b>	<b>3-TI-411 Rev. 0004 Page 12 of 45</b>
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**Appendix A  
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ERDS Point Number: 5      MAIN FD FLOW      CALCO40      Feedwater Flow into the Reactor

Date: 12/19/2000  
Reactor Unit: BF3  
Data Feeder: 1  
NRC ERDS Parameter: MAIN FD FLOW  
Point ID: CALCO40  
Plant Spec Point Desc: RFW FLOW TO REACTOR  
GenericCond Desc: Feedwater Flow into the Reactor

Analogue/Digital: A  
Engr Units/Dig States: MLB/HR  
Engr Units: N/A  
Minimum Instr Range: 0  
Maximum Instr Range: 20  
Zero Point Reference: N/A  
Reference Point Notes: N/A

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PROC or SENS: P  
Number of Sensors: 2  
How Processed: Sum of RFW LINE A and RFW LINE B  
Sensor Locations: N/A  
Alarm/Trip Set Points: Run: HIHI=14.8 HI=14.7

NID Power Cutoff Level: N/A  
NID Power Cut-On: N/A  
Instrument Failure Mode: N/A  
Temperature Compensation: N  
Level Reference Leg: N/A  
Unique System Desc: Sum of feedflow instruments, uncompensated