



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

October 13, 1998

10 CFR 50, Appendix E

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

Gentlemen:

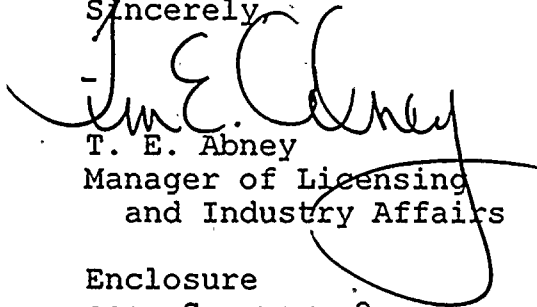
In the Matter of) Docket No. 50-296
Tennessee Valley Authority)

BROWNS FERRY NUCLEAR PLANT (BFN) - UNIT 3 - REVISIONS TO
EMERGENCY RESPONSE DATA SYSTEM (ERDS) DATA POINT LIBRARY

In accordance with 10 CFR 50, Appendix E, Section VI.3.a, "Emergency Response Data System," TVA is providing notification of revisions to the BFN Unit 3 ERDS Data Point Library. These revisions were implemented on September 21, 1998, and require NRC notification within 30 days. The enclosure to this letter provides the revisions to the Unit 3 ERDS Data Point Library.

There are no new commitments contained in this letter. If you have any questions, please contact me at (256) 729-2636.

Sincerely,


T. E. Abney
Manager of Licensing
and Industry Affairs

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

Page 2

October 13, 1998

Enclosure

cc (Enclosure):

Mr. H. O. Christensen, Branch
U.S. Nuclear Regulatory Commission
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NRC Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611

Mr. A. W. De Agazio, Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNIT 3

EMERGENCY RESPONSE DATA SYSTEM (ERDS)

REVISION TO DATA POINT LIBRARY

(SEE ATTACHED)



1
2

ERDS Point Number: 5 MAIN FD FLOW CALC040 Feedwater Flow into the Reactor

Date: 9/21/98
Reactor Unit: BF3
Data Feeder: 1
NRC ERDS Parameter: MAIN FD FLOW
Point ID: CALC040
Plant Spec Point Desc: RFW FLOW TO REACTOR
GenericCond Desc: Feedwater Flow into the Reactor

Analog/Digital: A
Engr Units/Dig States: MLB/HR
Engr Units Conv: N/A
Minimum Instr Range: 0.0
Maximum Instr Range: 16.0
Zero Point Reference: N/A
Reference Point Notes: N/A

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

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

Date: 9/21/98
Reactor Unit: BF3
Data Feeder: 1
NRC ERDS Parameter: RCS PRESSURE
Point ID: SPDS0008
Plant Spec Point Desc: RX PRESSURE - COMPOSED
GenericCond Desc: Reactor Coolant System Pressure

Analog/Digital: A
Engr Units/Dig States: PSIG
Engr Units Conv: N/A
Minimum Instr Range: 0
Maximum Instr Range: 1500
Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: P
Number of Sensors: 5
How Processed: Weighted Average w/Fault Detect (PSVA)
Sensor Locations: N/A
Alarm/Trip Set Points: See Below

NID Power Cutoff Level: N/A
NID Power Cut-O: N/A
Instrument Failure Mode: N/A
Temperature Compensation: Y
Level Reference Leg: N/A
Unique System Desc: Instruments are calibrated for rated operating conditions.

Alarm: Run: HIHI=1073 HI=1070 LO=918 LOLO=915
Startup: HIHI=1073 HI=1070 LO=918 LOLO=915
Shutdown: HIHI=1073 HI=1070
Refuel: HIHI=1073 HI=1070

