



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

May 17, 2000

10 CFR 50, Appendix E

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket No. 50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - UNIT 3 -
REVISION/CORRECTION TO THE 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 a revision to the BFN Unit 3 ERDS Data Point Library. This revision was implemented on April 28, 2000, and requires NRC notification within 30 days.

The enclosure to this letter provides revisions to the Unit 3 Data Point Library which involves changing of the Reactor Low-Low Water Level Scram Setpoint from 11.2 inches to 2 inches. Also included is an editorial correction to the Unique System Description field which updates information for sensors that input to the narrow range signal from three 0-60 inch signals to four -10 to +70 inch signals.

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

Sincerely,

T. E. Abney
Manager of Site Licensing
and Industry Affairs

~~cc:~~ See page 2

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Enclosure

cc (Enclosure):

Mr. William O. Long, Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. Paul E. Fredrickson, Branch Chief
U.S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth Street S.W.
Suite 23T85
Atlanta, Georgia 30303

NRC Resident Inspector
Browns Ferry Nuclear Plant
10833 Shaw Road
Athens, Alabama 35611

ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT
UNIT 3

REVISION/CORRECTION TO THE EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY

SEE ATTACHED:

ERDS Point Number: 4 REAC VES LEV SPDS0007 Reactor Vessel Water Level

Date: 04/28/2000
Reactor Unit: BF3
Data Feeder: 1
NRC ERDS Parameter: REAC VES LEV
Point ID: SPDS0007
Plant Spec Point Desc: RX WATER LEVEL - COMPOSED
GenericCond Desc: Reactor Vessel Water Level

Analog/Digital: A
Engr Units/Dig States: INCHES
Engr Units: N/A
Minimum Instr Range: -268
Maximum Instr Range: 400
Zero Point Reference: MSSKRT
Reference Point Notes: 528" above vessel zero

PROC or SENS: P
Number of Sensors: 10
How Processed: Weighted Average w/Fault Detect (PSVA)
Sensor Locations: N/A
Alarm/Trip Set Points: LOLO=2., LO=27., HI=39., HIHI=51. inch

NID Power Cutoff Level: N/A
NID Power Cut-On: N/A
Instrument Failure Mode: N/A
Temperature Compensation: Y
Level Reference Leg: N/A

Unique System Desc: Combines one 0 - +400 (floodup), four -10 - +70 (Normal), four -155 - +60 (Emerg) and two -268 - +32 (post accident) into one wide range indication; therefore, for off normal conditions this point could be difficult to interpret. Instruments are calibrated for normal operating conditions, except for the floodup instrument which is calibrated for atmospheric conditions, and the post accident instruments which are calibrated assuming 212 degrees Fahrenheit water in all lines. Top of fuel is at -162".