



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

December 14, 1999

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. 50-260
Tennessee Valley Authority)

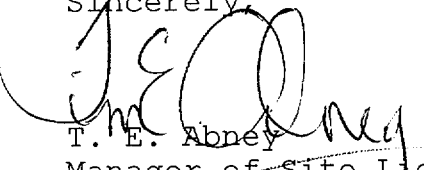
**BROWNS FERRY NUCLEAR PLANT (BFN) - UNIT 2 - REVISIONS TO THE
EMERGENCY RESPONSE DATA SYSTEM (ERDS) DATA POINT LIBRARY**

In accordance with 10 CFR 50, Appendix E, Section VI.3.a "Emergency Response Data System," TVA is providing notification of revisions to the BFN Unit 2 ERDS Data Point Library. These revisions were implemented on November 23, 1999, and require NRC notification within 30 days.

The enclosure to this letter provides the revisions to the Unit 2 Data Point Library. The changes which involved the main steam line radiation monitors were made as a result of higher main steam line radiation levels resulting from the implementation of the BFN hydrogen water chemistry program.

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):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT
UNIT 2

REVISION TO THE EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY

(See Attached)

BROWNS FERRY UNIT 2 - ERDS DATA POINT LIBRARY

1	07/09/1993	NI POWER RNG	SPDS0001	RX POWER APRM - COMPOSED
2	07/09/1993	NI INTER RNG	CALC045	AVERAGE OF 8 IRM'S
3	07/09/1993	NI SOURC RNG	SPDS0041	RX POWER SRM - AVG
4	07/09/1993	REAC VES LEV	SPDS0007	RX WATER LEVEL - COMPOSED
5	04/13/1999	MAIN FD FLOW	CALC040	RFW FLOW TO REACTOR
6	07/09/1993	RCIC FLOW	71-36	RCIC PUMP DISCHARGE FLOW
7	04/13/1999	RCS PRESSURE	SPDS0008	RX PRESSURE - COMPOSED
8	07/09/1993	HPCI FLOW	73-33	HPCI Pump Discharge Flow
9	07/09/1993	LPCI FLOW	74-50	RHR SYS I FLOW
10	07/09/1993	LPCI FLOW	74-64	RHR SYS II FLOW
11	07/09/1993	CR SPRAY FL	75-21	CORE SPRAY SYS I FLOW
12	07/09/1993	CR SPRAY FL	75-49	CORE SPRAY SYS II FLOW
13	07/09/1993	CND A/E RAD	SPDS0047	OFFGAS POST TREATMENT AVG
14	07/09/1993	CND A/E RAD	90-157	OFFGAS PRE TREATMENT AVG
15	04/13/1999	DW RAD	90-272A	DW RAD-RX 582, 135 DEG AZIMUTH
16	04/13/1999	DW RAD	90-273A	DW RAD-RX 560, 270 DEG AZIMUTH
17	11/23/1999	MN STEAM RAD	90-136	MAIN STM LINE A RAD LEVEL
18	11/23/1999	MN STEAM RAD	90-137	MAIN STM LINE C RAD LEVEL
19	11/23/1999	MN STEAM RAD	90-138	MAIN STM LINE B RAD LEVEL
20	11/23/1999	MN STEAM RAD	90-139	MAIN STM LINE D RAD LEVEL
21	04/13/1999	DW PRESS	SPDS0009	DRYWELL PRESSURE - COMPOSED
22	04/13/1999	DW TEMP	SPDS0010	DRYWELL TEMPERATURE - COMPOSED
23	04/13/1999	SP TEMP	SPDS0016	SUPPR PL WTR TEMP - COMPOSED
24	04/13/1999	SP LEVEL	SPDS0013	SUPPR PL WTR LVL (IN) - COMPOSED
25	04/13/1999	H2 CONC	SPDS0017	DRYWELL H2 - COMPOSED
26	04/13/1999	O2 CONC	76-43	DRYWELL OXYGEN CONCENTRATION
27	04/13/1999	CST LEVEL	2-161	CST (UNIT 2) LEVEL
28	04/13/1999	WIND SPEED	MET001	91M VECTOR WIND SPEED (15 MIN AVG)
29	04/13/1999	WIND SPEED	MET002	46M VECTOR WIND SPEED (15 MIN AVG)
30	04/13/1999	WIND SPEED	MET003	10M VECTOR WIND SPEED (15 MIN AVG)
31	04/13/1999	WIND DIR	MET004	91M VECTOR WIND DIR (15 MIN AVG)
32	04/13/1999	WIND DIR	MET005	46M VECTOR WIND DIR (15 MIN AVG)
33	04/13/1999	WIND DIR	MET006	10M VECTOR WIND DIR (15 MIN AVG)
34	04/13/1999	STAB CLASS	MET007	Stability Class Upper
35	04/13/1999	STAB CLASS	MET008	Stability Class Intermediate
36	04/13/1999	STAB CLASS	MET009	Stability Class Lower
37	04/13/1999		TYPEDATA	REAL/SIMULATED
38	04/13/1999	EFF GAS RAD	SPDS0024	STACK RELEASE RATE - COMPOSED

ERDS Point Number: 17 MN STEAM RAD 90-136 Rad Level - Main Steam Line A

Date: 11/23/1999
Reactor Unit: BF2
Data Feeder: 1
NRC ERDS Parameter: MN STEAM RAD
Point ID: 90-136
Plant Spec Point Desc: MAIN STM LINE A RAD LEVEL
GenericCond Desc: Rad Level - Main Steam Line A

Analog/Digital: A
Engr Units/Dig States: MR/HR
Engr Units Conv: N/A
Minimum Instr Range: 1
Maximum Instr Range: 1000000
Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: S
Number of Sensors: 1
How Processed: (SALG)
Sensor Locations: Main Steam Tunnel
Alarm/Trip Set Points: All modes: HIHI=7200 HI=3600

NID Power Cutoff Level: N/A
NID Power Cut-O: N/A
Instrument Failure Mode: LOW
Temperature Compensation: N
Level Reference Leg: N/A
Unique System Desc:

ERDS Point Number: 18 MN STEAM RAD 90-137 Rad Level - Main Steam Line C

Date: 11/23/1999
Reactor Unit: BF2
Data Feeder: 1
NRC ERDS Parameter: MN STEAM RAD
Point ID: 90-137
Plant Spec Point Desc: MAIN STM LINE C RAD LEVEL
GenericCond Desc: Rad Level - Main Steam Line C

Analog/Digital: A
Engr Units/Dig States: MR/HR
Engr Units Conv: N/A
Minimum Instr Range: 1
Maximum Instr Range: 1000000
Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: S
Number of Sensors: 1
How Processed: (SALG)
Sensor Locations: Main Steam Tunnel
Alarm/Trip Set Points: All modes: HIHI=7200 HI=3600

NID Power Cutoff Level: N/A
NID Power Cut-O: N/A
Instrument Failure Mode: LOW
Temperature Compensation: N
Level Reference Leg: N/A
Unique System Desc:

ERDS Point Number: 19 MN STEAM RAD 90-138 Rad Level - Main Steam Line B

Date: 11/23/1999
Reactor Unit: BF2
Data Feeder: 1
NRC ERDS Parameter: MN STEAM RAD
Point ID: 90-138
Plant Spec Point Desc: MAIN STM LINE B RAD LEVEL
GenericCond Desc: Rad Level - Main Steam Line B

Analog/Digital: A
Engr Units/Dig States: MR/HR
Engr Units Conv: N/A
Minimum Instr Range: 1
Maximum Instr Range: 1000000
Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: S
Number of Sensors: 1
How Processed: (SALG)
Sensor Locations: Main Steam Tunnel
Alarm/Trip Set Points: All modes: HIHI=7200 HI=3600

NID Power Cutoff Level: N/A
NID Power Cut-O: N/A
Instrument Failure Mode: LOW
Temperature Compensation: N
Level Reerence Leg: N/A
Unique System Desc :

ERDS Point Number: 20 MN STEAM RAD 90-139 Rad Level - Main Steam Line D

Date: 11/23/1999
Reactor Unit: BF2
Data Feeder: 1
NRC ERDS Parameter: MN STEAM RAD
Point ID: 90-139
Plant Spec Point Desc: MAIN STM LINE D RAD LEVEL
GenericCond Desc: Rad Level - Main Steam Line D

Analog/Digital: A
Engr Units/Dig States: MR/HR
Engr Units Conv: N/A
Minimum Instr Range: 1
Maximum Instr Range: 1000000
Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: S
Number of Sensors: 1
How Processed: (SALG)
Sensor Locations: Main Steam Tunnel
Alarm/Trip Set Points: All modes: HIHI=7200 HI=3600

NID Power Cutoff Level: N/A
NID Power Cut-O: N/A
Instrument Failure Mode: LOW
Temperature Compensation: N
Level Reference Leg: N/A
Unique System Desc: