NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7.77)
CONTROL BLOCK:
0 1 A L B R F 3 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 5 57 CAT 58 5
CON'T BEFORT L 6 0 5 0 0 0 2 9 6 0 8 1 4 8 1 3 0 9 1 1 8 1 9 FOR EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10 CONT DESCRIPTION CONT DESCRIPTI
0 3 [FRP/CMFLPD (R) calculated to be less than R setpoint. (T.S.2.1.A.1) There was
0 4 no danger to the health or safety of the public. Previous similar events: BFRO-
0 5 50-260/81037, 81018.
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE 0 9 R B (1) X (2) Z (13) Z Z Z Z Z Z (14) Z (15) Z (16)
7 8 9 10 11 12 13 13 18 19 20 REVISION
TO REPORT NUMBER 21 22 24 26 21 28 29 20 20 21 22 22 22 20 20 20 20 20 20 20 20 20 20
ACTION FUTURE EFFECT SHUTDOWN TAKEN ACTION ON PLANT METHOD X 10 G 10 Z 20 Z 21 JO 0 0 0 0 U 41 23 LIBRITTED FORM SUB. X 10 G 10 Z 20 Z 21 JO 0 0 0 U 41 23 LIBRITTED SUPPLIER COMPONENT MANUFACTURER X 10 G 10 Z 20 Z 21 Z 21 Z 21 Z 21 Z 21 Z 21 Z
1 0 Xenon transient during cold startup. Control rods were moved to mitigate effects of
1] Ltransient. After stabilizing calculated R value, R setpoint was lowered to .949
1 2 Which was below R calculated. R was brought within limits in 1 hour, 41 minutes.
1 3 [STA's have been instructed to keep approximate 5 percent margin between R calculated
1 4 Land R setpoint.
FACILITY STATUS T B T B T B T B T B T B T B T B
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) 1 6 Z (33 Z (34) NA NA NA
7 3 9 10 11 44 45 80 NUMBER TYPE DESCRIPTION (39) NA 80
1 8 9 11 12 13 PERSONNEL INJURIES NUMBER DESCRIPTION (41)
LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION (43)
7 8 9 10 80 PUBLICITY PDBLICITY 9 109220487 910911 NRC USE ONLY ISSUED DESCRIPTION 45 9109220487 910911 NRC USE ONLY ISSUED DESCRIPTION 45 90000296 1 <t< td=""></t<>
7 8 9 10 60 69 80 ã
NAME OF PREPARER _ Gene Holder PHONE PHONE 205) 729-6134 a

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Tennessee Valley Authority Browns' Ferry Nuclear Plant

LER SUPPLEMENTAL INFORMATION

 BFRO-50- 296 / 81040
 Technical Specification Involved 2.1.A.1

 Reported Under Technical Specification 6.7.2.b(2)
 *Date due NRC: 9/13/81

 Date of Occurrence
 8/14/81

 Time of Occurrence
 2218

 Unit
 3

Identification and Description of Occurrence:

During a startup from cold shutdown, a xenon transient was experienced which caused R calculated to be less than R setpoint.

Conditions Prior to Occurrence:

Unit 1 in refueling outage.

Unit 2 maintenance outage.

Unit 3 at 67%.

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

None

Apparent Cause of Occurrence:

Xenon transient during startup from cold shutdown.

Analysis of Occurrence:

There was no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

<u>Corrective Action</u>: Control rods were moved to mitigate the effects of the transient. After stabilizing the calculated R value, R setpoint was lowered to 0.949 which was below R calculated. K was brought within limits in 1 hour 41 minutes. The STA's have been instructed to keep an approximate margin of 5 percent between R calculated and R setpoint when having the setpoint increased.

Failure Data: BFRO-50-260/81037, 81018.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor *Revision: