NRC FORM 366 (12-81) 10 CFR 50

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

APPROVED BY OMB 3150-0011

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	LICENSEE CODE: A L B R F 1 (2)	LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3)	LICENSE TYPE: 4 1 1 1 1 (4)	CAT: (5)			
CON'T 0 1	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 0 0 2 5 9 (7)	EVENT DATE: 0 2 1 0 8 3 (8)	REPORT DATE: 0 3 0 8 8 3 (9)			

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During a refueling outage on unit 2 and startup of unit 1, the turbine building
0 3 to units 1 and 2 reactor building doors (No. 221, 235, and 236) were opened
0 4 simultaneously breaching secondary containment (T.S. 3.7.C). All required
0 5 safety systems were available and operable. There was no effect on public
0 6 health and safety.
0 7
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	S H (11)	E (12)	X (13)	X X X X X X (14)	X (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 0 8	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER (26)
B (18)	X (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	L (25)	X 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The Folger Adams interlock system failed because the reactor building doors
1 1 closed enough to actuate the limit switches but not enough to engage the strike.
1 2 Door watch was posted until limit switches were adjusted. An evaluation of
1 3 ways to improve the door interlocks is expected to be completed by 4/15/83
1 4 (see BFRO 50-260/82028 followup report).

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	C (28)	0 0 0 (29)	N/A	A (31)	Operator observation.

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	N/A

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	N/A

PUBLICITY

	ISSUED	DESCRIPTION (45)
2 0	N (44)	N/A

NRC USE ONLY

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Tennessee Valley Authority
Browns Ferry Nuclear Plant

Form BF 17
BF 15.2
2/12/82

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 83008 Technical Specification Involved 3.7.C

Reported Under Technical Specification 6.7.2.b.(4) * Date Due NRC 3/12/83

Event Narrative:

Unit 1 was in the startup mode, unit 2 was shutdown for a refueling outage and unit 3 was operating normally at 99-percent. Personnel access doors (221, 235, and 236) between the turbine building and the units 1 and 2 reactor buildings were all momentarily opened at the same time. Secondary containment was broken by this event (Technical Specification 3.7.C). A door watch was posted until the limit switches for the personnel access doors were adjusted and the doors were returned to service. Approximately 22 hours later, the personnel access doors (235 and 221) between the turbine building and unit 1 reactor building were again opened momentarily at the same time. A door watch was posted until the door interlock limit switches were adjusted to operate properly. Both events were apparently a result of the reactor building access doors closing enough to actuate the door position limit switches, but not closing enough to engage the electric strike.

All required safety systems were available and operable. There was no effect on public health and safety. An investigation of ways to improve the door interlocks is being performed in conjunction with BFRO 50-260/82028. A follow up report to that LER describing results of the investigation is expected to be complete by April 15, 1983.

* Previous Similar Events:

BFRO 50-259/82088, 82063, 81008, 81050
260/82028, 81038, 81032, 81025,
81024, 80045, 80003, 77015
296/79020

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP