VIRC FORM 366 17.771 IUCLEAR REGULATORY COMMISSION LICENSEE EVENT REPORT CONTROL BLOCK: | 10 IPLEASE PRINT OR TYPE ALL REQUIRED INFORMATION! 0 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 0 57 CAT 0 0 CONT L 6 0 5 0 0 0 2 5 9 0 0 9 1 8 8 2 8 1 0 1 5 8 2 9 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT SATE 8 80 REDONT SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) | During normal operation, fuse failure alarms and high-water level alarms came in for control rod 38-39 accumulator. Control rod 38-39 was declared inoperable (T.S. 3.3.A.2.e) which constitutes a degraded mode by the LCO described under T.S. 3.3.A.2.f. Rod was fully inserted (T.S. 4.3.A.2.c), accumulator isolated; and level switch replaced. Rod was returned to service in 1 hour and 15 minutes. There was no effect on public health and safety. No more than 1 control rod in any 5x5 array was inoperable. SYSTEM. CAUSE SUBCODE CAUSE 80 CONP VALVE CODE COMPONENT CODE SUBCODE B (11) E (12) A (13) II N S IT 1(14) R U | S | (15 IZ I (16 SECULENTIAL . REPORT NO. OCCURATNCE LER RO EVENT YEAR REFORT REVISION COPS LA TYPE NO 0 17 17 NUMBER 013 LI ACTION FUTURE TAKEN ACTION 31 32 ATTACHMENT SUBMITTED NERD 4 METHO HOURS (22) PRIMY COMP. COMPONENT MANURACTURER FURM SUB. SUT PLIER Y (23) Z (21) 0 0 0 0 Y (24) L 175 G| 0| 5| 0|(CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) 1 0 The CRD hydraulic control unit's accumulator level switch (mfg by GEMS Division of TransAmerica Delaval Inc., GE part # 131C9199P001) became grounded and eventually [failed in the closed (non-alarm) position (contacts welded shut). Fase operation deenergized the circuit. The switch was replaced. This is considered a random failure and no further recurrence control is planned. FAL LITY 80 METHOD OF DISCOVERY OTHERSTATUS (30) DISCOVERY OF SCHIPTION (32) 0 91910 NA A (3n) Operator observation ACTIVITY CONTENT HELEASED OF HELEASE 80 AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) Z (34) -Z (33) NA NA PERSONNEL PRPORUMES 44 80 NULTHER TYPE DESCRIPTION (39) 00 z10 0 NA PEHSOSALL MULTIES 80 NUMBER DESCRIPTION(41) 0 0 0 0 NA LOSS OF ON PATRACE TO FACILITY (4) 80 Z (42) NA PUBLICITY 8210290371 821015 DESCRIPTION (45) SSUED PDR N (44) ADOCK 05000259 NRC USE ONLY 210 PDR NA 1111111 80 Darrell E. Murphy NAME OF PREPAR (205) 729-0798

Tennessee Valley Authority Browns Ferry Nuclear Plant

Form BF 17 BF 15.2 2/12/82

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259/ 82077 Technical Specification Involved 3.3.A.2.c., e., and f. Reported Under Technical Specification 6.7.2.b.(2) Date Due NRC 10/18/82

Event Narrative:

Unit 2 was in a refueling outage; unit 3 was operating at 99-percent power; these units were unaffected by this event. Unit 1 was operating at 99-percent power when operators observed a fuse failure alarm on panel 25-22 along with high-water level accumulator alarms for control rod 38-39. Pressure check and water drain check indicated a defective accumulator water level switch. Control rod 38-39 was considered inoperable (T.S. 3.3.A.2.e.) which constitutes a degraded mode by the limiting condition for operation as described under T.S. 3.3.A.2.f. Rod was fully inserted (T.S. 4.3.A.2.c.), accumulator isolated, and water level switch was replaced and tested per Electrical Maintenance Instruction 50 (switch changeout instruction). The CRD hydraulic control unit's accumulator level switch (manufactured by GEMS Division of TransAmerica Delaval Incorporated, GE part number 131C9199P001) became grounded and eventually failed in the closed (non-alarm) position (contacts welded shut). Fuse operation deenergized the circuit and the switch was replaced. This could have prevented the level switch; from providing a control room alarm in the event of water leakage in the scram accumulator. Water present in a scram accumulator can increase scram time for that control rod but will not prevent rod insertion (T.S. 3.3.A.2.c.). System was returned to service within one hour and 15 minutes of being declared inoperable. This is considered a random failure and no further recurrence control is required. There was no effect on public health and safety. No more than one control rod in any 5 x 5 array was inoperable.

* Previous Similar Events:

None.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: