Uniter www U. S. NUCLLAR REGULATORY COMMISSION :) LICENSEE EVENT REPORT CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) B R F 1 (2) 0 0 0 0 0 10 10 LICENSEE CODE N'T REPORT [1] 0 0 5 0 0 0 05 9 0 1 0 1 68 69 EVEN SOURCE 10 3) 1 1 0 5 8 2 DOCKET NUMBER EVENT DATE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10 21 During normal operation of unit 1, smoke detector XS-39-27A alarmed and would not clear. This alarm could have masked signals from detector XS-39-27B, which is 37 required to be operable by T.S. 3.11.C.1. There was no effect on public health 4 and safety. A patrolling firewatch was established. There are no redundant . 5 systems. The system was returned to service in 4 hours and 45 minutes. 5 7 3 SYSTEM CAUSE CAUSE SUBCODE CO**P CODE VALVE COMPONENT CODE SUBCODE 5 F (13) R E (12 S | T | R | U | (14 IE 1(15 71 (16) SEQUENTIAL OCCURRENCE REPORT REVISION LER'HO EVENT YEAD REPORT NO CODE (17) REPORT TYPE 110 0 8 0 3 1 5 NUMBER. L 01 32 28 ACTION FUTURE TAKEN ACTION 31 EFFECT ON PLANT METHOD SUBMITTED NPRD-4 PRIME COMP. HOURS (22) COMPONENT FORM SUB. SUPPLIER 1(8) Z (19 MANUFACTURER 1(20) Z (21 Y 24 0 0 01 YO 01 L (75 K|1|2|0 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) > Increased detector sensitivity is the most probable cause. The defective smoke 1 detector (Kidde model FT-200) was replaced and a new detector was tested per 7 SI 4.11.C.1 & 5. A firewatch was established per T.S. 3.11.C.2. This is considered 2 a random failure and no further recurrence control is required. 9 80 METHOD OF S POWER OTHER STATUS (30) DISCOVERY DESCRIPTION (32 019151 NA A (31) Operator observation CONTENT ACTIVITY BU TELEASED_OF HELEASE AMOUNT OF ACTIVITY (35) LOCATION OF HELEASE 2 (33) Z (24) NA PERSONNEL EXPOSURES 44 80 NUMBER TYPE DESCRIPTION (39) 1) 2 10 10 10 NA PEN 211-211 12 12 13 80 *21,25542.58 presenterion (41) 1(m) 0 0 0 NA TEADT CONSTANCE TO FACILITY (1) 80 L'E'CEIPTUS' Z 14. NA PUNCHATY 8211150216 821105 PDR ADDCK 05000259 N 41 20 NAC USE ONLY PDR 1,8 65 80 MANE OF PHERAPER . Darrell E. Murphy (205) 729-0800 Sector Sector

• Tennessee Valley Authority Browns Ferry Nuclear Plant

Form BF 17 BF 15.2 2/12/82

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 82085 Technical Specification Involved 3.11.C.1

Reported Under Technical Specification 6.7.2.b.(2) Date Due NBC 11/09/82

Event Narrative:

Unit 2 was in a refueling outage; unit 3 was operating at 86-percent power; these units were unaffected by this event. Unit 1 was operating at 95-percent power when operators observed a smoke alarm on panel 9-20. Smoke detector XS-39-27A alarmed and would not clear. The alarm could have masked signals from detector XS-39-27B, which is required to be operable by Technical Specification 3.11.C.1. The defective smoke detector (Kidde model FT-200) was replaced and a new detector was tested per Surveillance Instruction 4.11.C.1 and 5. System was returned to service in four hours and forty-five minutes. The most probable cause of this event was increased detector sensitivity. There are no redundant systems. There was no effect on public health and safety. A patrolling firewatch was established per Technical Specification 3.11.C.2. This is considered a random failure and no further recurrence control is required.

* Provious Similar Events:

BFR0-50-259/77004, 77024, 79015, 81002, 82009 296/76003W, 76006W, 76010W, 76016, 77011, 77021, 77022, 78017, 78023

Revision: Period - Lafetime; Responsibility - Document Control Supervisor