

ACCESSION NBR: 8002210533 DOC. DATE: 80/02/15 NOTARIZED: NO
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
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 RECIP. NAME: RECIPIENT AFFILIATION: Region 2, Atlanta, Office of the Director

DOCKET #
05000269

SUBJECT: LER 80-003/03L-0: on 800117, during installation of cable between cable room & control room found two cables missing fire-stop matl. Caused by omission during installation. Conducts filled w/firestop matl. Within 2.5-h.

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NOTES: M. CUNNINGHAM - ALL AMENDS TO FSAR & CHANGES TO TECH SPECS.

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DUKE POWER COMPANY
Oconee Unit 1

Report Number: RO-269/80-3

Report Date: February 15, 1980

Occurrence Date: January 17, 1980

Facility: Oconee 1, Seneca, South Carolina

Identification of Occurrence: Breach in Fire Barrier Discovered

Conditions Prior to Occurrence: Refueling Shutdown

Description of Occurrence:

At 1455 on January 17, 1980, during the installation of a cable from the Oconee 1 cable room to the Engineered Safeguards (ES) panel in the control room, two cable sleeves which were lacking firestop material were discovered. A fire watch was posted by 1500 on January 17, and by 1730 the breach had been repaired and the fire watch lifted.

Apparent Cause of Occurrence:

The two cable sleeves were apparently omitted during the installation of the firestop material. The cable sleeves, a two-inch conduit containing three cables and a four-inch conduit with seven cables, apparently were overlooked due to their location in the control room floor.

Analysis of Occurrence:

The missing firestop material constituted a breach in a penetration fire barrier. A fire watch was established five minutes after the discovery of the breach, well within the hour permitted by Oconee Nuclear Station Technical Specification 3.17.5. In the unlikely event of a fire in the cable room, it would have been difficult for the fire barrier to have been penetrated due to the small breach which existed. In addition, a smoke detector located near the penetration would have warned of any spread of fire. Since this incident constituted operation of the unit in a degraded mode permitted by a limiting condition for operation, it must be reported pursuant to Technical Specification 6.6.2.1.b(2), although it was of no significance with respect to safe operation, and the health and safety of the public were not affected.

Corrective Action:

The immediate corrective action was to establish a fire watch to assure that a fire would not be able to penetrate the breached barrier. The cable sleeves were filled with firestop material approximately two and one-half hours after the breach was discovered. In order to ensure the integrity of penetration fire barriers, a numbering and inspection process will be established. In addition, equivalent areas for Oconee 2 and 3 will be checked to assure that similar breaches do not exist.

LICENSEE EVENT REPORT

EXHIBIT A

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

011 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE JO CAT SE

CONT 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
 REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

102 103 104 105 106 107 108
 During installation of a cable between the Oconee 1 cable room and control room, two cable sleeves missing firestop material were discovered. A fire watch was established within five minutes, well within the hour permitted by Technical Specification 3.17.5. Due to the small breach, it would have been difficult for a fire to spread. Therefore, this incident was not considered to be significant with respect to safe operation, and the health and safety of the public were not affected.

109 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRC FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

110 111 112 113 114
 The firestop material was apparently omitted during installation. The conduits were filled with firestop material within 2½ hours after the breach was discovered. Similar areas in Oconee 2 and 3 will be inspected, and a numbering and inspection process for penetration fire barriers is being established.

115 116 117 118 119 120
 FACILITY STATUS POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
 ACTIVITY CONTENT RELEASER AMOUNT OF ACTIVITY LOCATION OF RELEASE
 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
 PERSONNEL INJURIES NUMBER DESCRIPTION
 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
 PUBLICITY ISSUED DESCRIPTION
 NRC USE ONLY

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