

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8011140374 DOC. DATE: 80/11/10 NOTARIZED: NO
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
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 RECIP. NAME: REGION 2, Atlanta, Office of the Director

DOCKET #
05000269

SUBJECT: LER 80-033/03L-0: on 801011, smoke detector alarmed & detector string removed from svc. Caused by wind blowing dust into detectors when rollup doors opened. Dust blown out of detector & string returned to svc.

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 TITLE: Incident Reports

NOTES: M. Cunningham: all amends to FSAR & changes to Tech Specs. 05000269
 AEOD, Ornstein: lcc.

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	A/D PLANT SYS10	1	1	1	A/D RAD PROT 11	1	1	1
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	ASLBP/J. HARD	1	1	1	AUX SYS BR 15	1	1	1
	CHEM ENG BR 16	1	1	1	CONT SYS BR 17	1	1	1
	CORE PERF BR 18	1	1	1	D/DIR, HUM FAC19	1	1	1
	DIR, ENGINEER I20	1	1	1	DIR, HUM FAC S21	1	1	1
	DIR, SYS INTEG22	1	1	1	EFF TR SYS BR23	1	1	1
	EQUIP QUAL BR25	1	1	1	GEOSCIENCES 26	1	1	1
	I&C SYS BR 29	1	1	1	I&E 05	2	2	2
	JORDAN, E./IE	1	1	1	LIC GUID BR 30	1	1	1
	LIC QUAL BR 31	1	1	1	MATL ENG BR 32	1	1	1
	MECH ENG BR 33	1	1	1	MPA	3	3	3
	NRC PDR 02	1	1	1	OP EX EVAL BR34	3	3	3
	OR ASSESS BR 35	1	1	1	POWER SYS BR 36	1	1	1
	RAD ASSESS BR39	1	1	1	REACT SYS BR 40	1	1	1
	<u>REG FILE</u> 01	1	1	1	REL & RISK A 41	1	1	1
	SFTY PROG EVA42	1	1	1	STRUCT ENG BR44	1	1	1
	SYS INTERAC B45	1	1	1				
EXTERNAL:	ACRS	46	16	16	LPDR 03	1	1	1
	NSIC 05	1	1	1	TERA: DOUG MAY	1	1	1

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C.T.

DUKE POWER COMPANY
OCONEE UNIT 1

Report Number: RO-269/80-33

Report Date: November 10, 1980

Occurrence Date: October 11, 1980

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Fire Detector String Removed From Service

Conditions Prior to Occurrence: Oconee 1 - 100% FP

Description of Occurrence: At 1630 hours on October 11, 1980, the smoke detector covering the motor control center (MCC) IXGB alarmed. A subsequent investigation revealed no fire thus the string was removed from service for repair. The Fire Protection System was in a degraded mode permitted by Technical Specification 3.17.1 once the string was removed from service. This incident is thus reportable pursuant to Technical Specification 6.6.2.1.b(2).

Apparent Cause of Occurrence: There is a recurring problem with the detectors covering MCC 1XA and MCC 1XGB giving nuisance alarms. The reason for these alarms appear to be caused by the wind blowing dust into the detectors when the rollup doors on either side of the Turbine Building breezeway or the rollup door opposite the old interim security trailer are open. There is no easy solution to this problem as long as the construction on the SSF, maintenance shop addition, and CAS/SAS cable trench continues.

Analysis of Occurrence: The detector string was out of service for approximately 15½ hours. During this period of inoperability, an hourly fire watch for the affected area was maintained as required by Technical Specification 3.17.1. Thus this incident was of no significance with respect to safe operation, and the health and safety of the public were not affected.

Corrective Action: The dust was blown out of the detector and the string returned to service. Operability of the detector string was verified. A fire watch was established during the period that the string was out of service. The affected detectors in this area should be periodically cleaned on a frequency to prevent reoccurrence.

LICENSEE EVENT REPORT

EXHIBIT A

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

01 | S | C | N | E | E | I | 200 - 000000 - 000 | 341111 | 4 | 5

01 | L | 05000269 | 7 | 1011180 | 8 | 1111080 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 | On October 11, 1980 the smoke detector covering MCC 1XCB alarmed. A subsequent
03 | investigation revealed no fire thus the string was removed from service for
04 | repair. The detector string was out of service for approximately 15 1/2 hours.
05 | During this period of inoperability, an hourly fire watch for the affected
06 | area was maintained as required by Technical Specification 3.17.1. Thus, this
07 | incident was of no significance with respect to safe operation, and the health
08 | and safety of the public were not affected.

09 | A | B | E | A | I | N | S | T | R | U | E | Z

17 | 80 | 33 | 03 | L | 0 | X | G | Z | Z | 0000 | Y | Y | L | X9999

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

10 | The reason for this false alarm appears to be caused by the wind blowing dust
11 | into the detectors when the rollup doors on either side of the Turbine Build-
12 | ing breezeway or the rollup door opposite the old interim security trailer are
13 | open. There is no easy solution to the problem as long as the extensive
14 | construction activities continue. A fire watch was established during the
15 | period of inoperability. The dust was blown out of the detector and the
16 | string returned to service. The affected detectors in this area should be
17 | periodically cleaned on a frequency to prevent reoccurrence.

15 | E | 11000 | NA | A | Operator Observation

16 | Z | Z | NA | NA

17 | 0000 | Z | NA

18 | 0000 | NA

19 | Z | NA

20 | N | NA

NAME OF PREPARER J. L. Jones

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8011140374