

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8101230491 DOC. DATE: 81/01/19 NOTARIZED: NO
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
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 JONES, J. L. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Region 2, Atlanta, Office of the Director

DOCKET #
 05000269

SUBJECT: LER 80-039/03L: on 811220, smoke detector covering load ctrs
 1x6 & 2x6 alarmed. Caused by dusty ambient conditions where
 detector is located. Detector replaced & string returned to
 svc. Twice wkly preventive maint program implemented.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2+1
 TITLE: Incident Reports

NOTES: M Cunningham: all amends to FSAR & changes to Tech Specs. 05000269
 AEOD, Ornstein: 1cc.

ACTION:	RECIPIENT		COPIES		RECIPIENT	COPIES	
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME	LTTR
	REID, R.	04	3	3			
INTERNAL:	A/D COMP&STRU06		1	1	A/D ENV TECH 07	1	1
	A/D MATL & QU08		1	1	A/D OP REACT009	1	1
	A/D PLANT SYS10		1	1	A/D RAD PROT 11	1	1
	A/D SFTY ASSE12		1	1	A/D TECHNOLOG13	1	1
	ACC EVAL BR 14		1	1	AEOD	2	2
	ASLBP/J. HARD		1	1	AUX SYS BR 15	1	1
	CHEM ENG BR 16		1	1	CONT SYS BR 17	1	1
	CORE PERF BR 18		1	1	D/DIR, HUM FAC19	1	1
	DIR, DIV OF LIC		1	1	DIR, ENGINEER120	1	1
	DIR, HUM FAC S21		1	1	DIR, SYS INTEG22	1	1
	EFF TR SYS BR23		1	1	EQUIP QUAL BR25	1	1
	GEOSCIENCES 26		1	1	I&C SYS BR 29	1	1
	I&E 05		2	2	JORDAN, E./IE	1	1
	LIC GUID BR 30		1	1	LIC QUAL BR 31	1	1
	MATL ENG BR 32		1	1	MECH ENG BR 33	1	1
	MPA		3	3	NRC PDR 02	1	1
	OP EX EVAL BR34		3	3	OR ASSESS BR 35	1	1
	POWER SYS BR 36		1	1	RAD ASSESS BR39	1	1
	REACT SYS BR 40		1	1	<u>REG FILE</u> 01	1	1
	REL & RISK A 41		1	1	SFTY PROG EVA42	1	1
	STRUCT ENG BR44		1	1	SYS INTERAC B45	1	1
EXTERNAL:	ACRS	46	16	16	LPDR	03	1
	NSIC	05	1	1	TERA: DOUG MAY		1

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TOTAL NUMBER OF COPIES REQUIRED: LTTR

71
70

ENCL

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DUKE POWER COMPANY
OCONEE UNIT 1

Report Number: RO-269/80-39

Report Date: January 19, 1981

Occurrence Date: December 20, 1980

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Fire Detector String Removed From Service

Conditions Prior to Occurrence: 100% FP

Description of Occurrence: At 2216 hours on December 20, 1980, the smoke detector covering load centers 1x6 and 2x6 went into alarm. A subsequent investigation revealed no fire. The string was removed from service for repair. This constitutes operation in a degraded mode per Technical Specification 3.17.1 and is thus reportable pursuant to Technical Specification 6.6.2.1.b(2).

Apparent Cause of Occurrence: There has been a recurring problem with fire detectors, Honeywell Detectors in particular, giving false and nuisance alarms. This detector had failed completely. It is apparent that this failure was due to the dusty ambient conditions in which the detector is located.

Analysis of Occurrence: The detector string was out of service for approximately 10 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 detector was replaced and the string returned to service. A preventive maintenance program has been implemented on detectors located in dusty areas which checks and cleans them twice a week.

LICENSEE EVENT REPORT

EXHIBIT A

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

0 1 | S | C | N | E | E | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

7 8 9 14 15 25 26 57 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

0 1 | R | E | P | O | R | T | S | O | U | R | C | E | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 6 | 9 | 7 | 1 | 2 | 2 | 0 | 8 | 0 | 8 | 0 | 1 | 1 | 9 | 8 | 1 | 9

7 8 60 61 68 69 74 75 80

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On October 11, 1980 the smoke detector covering load centers 1x6 and 2x6

0 3 | alarmed. A subsequent investigation revealed no fire; thus the string was re-

0 4 | moved from service for repair. The detector string was out of service for ap-

0 5 | proximately 10 hours. During this period of inoperability, an hourly fire

0 6 | watch for the affected area was maintained as required by Technical Specifica-

0 7 | tion 3.17.1 Thus, this incident was of no significance with respect to safe

0 8 | operation, and the health and safety of the public were not affected.

7 8 9 80

0 9 | A | B | 11 | E | 12 | A | 13 | I | N | S | T | R | U | 14 | E | 15 | Z | 16

7 8 9 10 11 12 13 18 19 20

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 | 8 | 0 | 22 | 0 | 3 | 9 | 26 | 0 | 3 | 28 | L | 30 | 0 | 32

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

18 | X | 19 | Z | 20 | Z | 21 | 0 | 22 | 0 | 23 | Y | 24 | L | 25 | H | 26 | C | 26

33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | It is apparent that this detector failure was due to the dusty ambient condi-

1 1 | tions in which the detector is located. The detector was replaced and the

1 2 | string returned to service. A preventive maintenance program has been imple-

1 3 | mented on detectors located in dusty areas which checks and cleans them twice

1 4 | a week.

7 8 9 80

1 5 | E | 28 | 1 | 0 | 0 | 29 | NA | A | 31 | Operator Observation | 32

7 8 9 10 11 12 13 44 45 46 80

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

1 6 | Z | 33 | Z | 34 | NA | NA | 36

7 8 9 10 11 12 44 45 80

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

1 7 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39

7 8 9 10 11 12 13 44 45 80

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

1 8 | 0 | 0 | 0 | 40 | NA | 41

7 8 9 10 11 12 13 44 45 80

PERSONNEL INJURIES NUMBER DESCRIPTION

1 9 | Z | 42 | NA | 43

7 8 9 10 11 12 13 44 45 80

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

2 0 | N | 44 | NA | 45

7 8 9 10 11 12 13 44 45 80

PUBLICITY ISSUED DESCRIPTION

NAME OF PREPARER J. L. Jones

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