

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 2071

FILE: INCIDENT REPORT

FROM: Duke Power Co. Charlotte, N.C. 28201 A. C. Thies		DATE OF DOC 2/19/75	DATE REC'D 2/24/75	LTR xxx	TWX	RPT	OTHER
TO: N. Moseley		ORIG	CC XX	OTHER	SENT AEC PDR <u>xxxx</u> SENT LOCAL PDR <u>xxxx</u>		
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-287		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Abnormal occurrence rpt. AO-287/75-2
occurring 2/5/75 re: valve 3LP-18
control power fuse failure

DO NOT REMOVE

PLANT NAME: Oconee 3

FOR ACTION/INFORMATION LDM 2/26/75

BUTLER (S) W/ Copies	SCHWENCER (S) W/ Copies	ZIEMANN (S) W/ Copies	REGAN (E) W/ Copies
CLARK (S) W/ Copies	STOLZ (S) W/ Copies	DICKER (E) W/ Copies	LEAR (S) W/ Copies
PARR (S) W/ Copies	VASSALLO (S) W/ Copies	KNIGHTON (E) W/ Copies	SPEIS (S) W/ Copies
KNIEL (S) W/ Copies	✓ PURPLE (S) W/ 4 Copies	YOUNGBLOOD (E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

<p><u>REG FILE</u> <input checked="" type="checkbox"/> NRC PDR <input checked="" type="checkbox"/> OGC, ROOM P-506-A <input checked="" type="checkbox"/> GOSSICK /STAFF <input checked="" type="checkbox"/> CASE GIAMBUSSO BOYD MOORE (S) (BWR) DEYOUNG (S) (PWR) SKOVHOLT (S) COLLER (S) P. COLLINS DENISE REG OPR <input checked="" type="checkbox"/> FILE & REGION <input checked="" type="checkbox"/> T.R. WILSON</p>	<p>TECH REVIEW <input checked="" type="checkbox"/> SCHROEDER <input checked="" type="checkbox"/> MACCARRY <input checked="" type="checkbox"/> KNIGHT <input checked="" type="checkbox"/> PAWLICKI <input checked="" type="checkbox"/> SHAO <input checked="" type="checkbox"/> STELLO <input checked="" type="checkbox"/> HOUSTON <input checked="" type="checkbox"/> NOVAK <input checked="" type="checkbox"/> ROSS <input checked="" type="checkbox"/> IPPOLITO TEDESCO <input checked="" type="checkbox"/> LONG <input checked="" type="checkbox"/> LAINAS <input checked="" type="checkbox"/> BENAROYA <input checked="" type="checkbox"/> STEELE <input checked="" type="checkbox"/> VOLIMER</p>	<p>DENTON GRIMES GAMMILL <input checked="" type="checkbox"/> KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS</p>	<p>LIC. ASST. DIGGS (S) GEARIN (S) GOULBOURNE (S) KREUTZER (E) LEE (S) MAIGRET (S) REED (E) <input checked="" type="checkbox"/> SERVICE (S) <input checked="" type="checkbox"/> SHEPPARD (S) SLATER (E) SMITH (S) TEETS (S) WILLIAMS (E) WILSON (S) INGRAM (S)</p>	<p>A/T IND BRAITMAN SALTZMAN B. HURT PLANS MCDONALD CHAPMAN DUBE w/input <input checked="" type="checkbox"/> E. COUPE <input checked="" type="checkbox"/> R. Hartfield (2) <input checked="" type="checkbox"/> KLECKER <input checked="" type="checkbox"/> F. WILLIAMS</p>
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A.O. 4 LB

EXTERNAL DISTRIBUTION

<p>1-LOCAL PDR <u>Walhalla, SC</u> 1-TIC (ABERNATHY) 1-NSIC (BUCHANAN) 1-ASLB 1-NEWTON ANDERSON <input checked="" type="checkbox"/> 5-ACRS SENT TO LIC. ASST. Sheppard 2-26</p>	<p>(1) (2) (10) -NATIONAL LABS 1-M. PENNINGTON, RM E-201 G.T. 1-CONSULTANTS NEWMARK/BLUME/ASBABIAN</p>	<p>1-PDR SAN/LA/NY 1-BROOKHAVEN NAT LAB 1-G. ULRIKSON, ORNL 1-AGNED (RUTH GUSSMAN) RM B-127 G.T. 1-J. RUNKLES, RM E-201 G.T.</p>
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DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

February 19, 1975

Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303



Re: Oconee Unit 3
Docket No. 50-287

Dear Mr. Moseley:

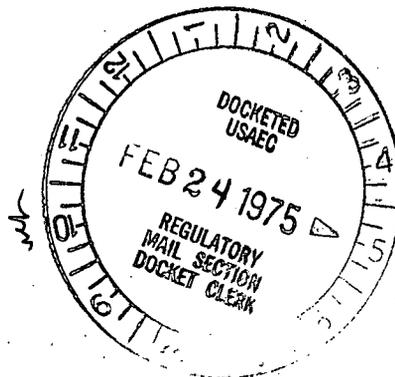
Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Abnormal Occurrence
Report AO-287/75-2.

Very truly yours,

A. C. Thies

ACT:ge
Attachment

cc: Mr. Angelo Giambusso



Regulatory

File Cy-

2071

Duke Power Company
Oconee Unit 3

Report No.: AO-287/75-2

Report Date: February 19, 1975

Occurrence Date: February 5, 1975

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Valve 3LP-18 Control Power Fuse Failure

Conditions Prior to Occurrence: Shutdown in progress; $T_{ave} \sim 300^{\circ}F$

Description of Occurrence:

On February 5, 1975 a reactor shutdown for scheduled maintenance was in progress on Oconee Unit 3. Attempts to remotely open valve 3LP-18 to establish decay heat flow with the Low Pressure Injection System were unsuccessful. Investigation showed that a fuse in the control power transformer had failed. The fuse was replaced and proper valve operation was verified.

Designation of Apparent Cause:

The occurrence resulted from the failure of a fuse in the control power transformer of valve 3LP-18. A check of the control circuitry associated with this valve found no loose, burned or shorted wires. The fuse was not loose in its holder. After the blown fuse had been replaced, the current on the secondary of the transformer was measured during operation of the valve. The maximum current recorded, 2.5 amperes, was well below the 6 ampere rating of the fuse. It was concluded that the fuse failed because of either voltage surge or a defective fuse.

Analysis of Occurrence:

This occurrence rendered one train of the Low Pressure Injection System inoperable for Engineered Safeguards actuation or decay heat removal cooling. The second redundant train of Low Pressure Injection train was operable; however, and would have provided the necessary LPI flow as described in the Oconee FSAR, Table 6-2. It is therefore concluded the occurrence did not effect the safe operation of the unit nor the health and safety of the public.

Corrective Action:

The blown fuse was replaced and the valve operability was verified.