

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 12931

FILE: INCIDENT REPORT

FROM: Duke Power Company Charlotte, N.C. 28201 A.C. Thies		DATE OF DOC 12-13-74	DATE REC'D 12-23-74	LTR X	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley		ORIG	CC 1	OTHER	SENT AEC PDR XX SENT LOCAL PDR XX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-270		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Unusual Event UE-270/74-9 on 11-14-74 involving incorrect reactor building spray pump valve lineup.....

(1 cy encl rec'd)

ACKNOWLEDGE
Do Not Remove

PLANT NAME: Oconee Unit 2

FOR ACTION/INFORMATION

DHL 12-27-74

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INTERNAL DISTRIBUTION

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

1-LOCAL PDR Walhalla, S.C. 1-TIC (ABERNATHY) 1-NSIC (BUCHANAN) 1-ASLB 1-NEWTON ANDERSON 5-ACRS SENT TO LIC. ASST. Sheppard 12-27-74	(1) (2) (10) - NATIONAL LABS 1-W. PENNINGTON, RM E-201 G.T. 1-CONSULTANTS NEWMARK/BLUME/AGBABIAN	1-PDR SAN/LA/NY 1-BROOKHAVEN NAT LAB 1-G. ULRIKSON, ORNL 1-AGMED (RUTH GUSSMAN) RM B-127 G.T. 1-J. RUNKLES, RM E-201 G.T.
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DUKE POWER COMPANY

POWER BUILDING

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

Regulatory

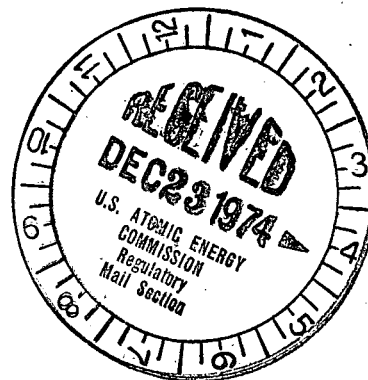
CY

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

December 13, 1974

Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303



Re: Oconee Unit 2
Docket No. 50-270

Dear Mr. Moseley:

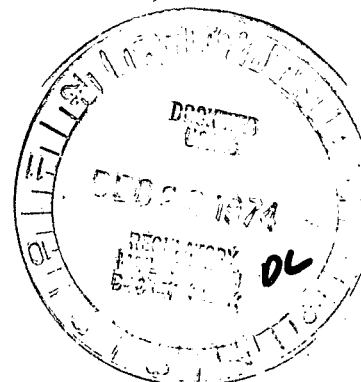
Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Unusual Event
Report UE-270/74-9.

Very truly yours,

A. C. Thies
A. C. Thies

ACT:vr
Attachment

cc: Mr. Angelo Giambusso



12931

DUKE POWER COMPANY
OCONEE UNIT 2

Reg. 12-13-74

Report No.: UE-270/74-9

Report Date: December 13, 1974

Event Date: November 14, 1974

Facility: Oconee Unit 2, Seneca, South Carolina

Identification of Event: Incorrect reactor building spray pump valve lineup

Conditions Prior to Event: Unit at 100 percent full power

Description of Event:

On November 14, 1974, a quarterly performance test of the Oconee Unit 2 low pressure injection system was performed. When the 2A LPI pump was started, water was observed to be coming from the drain valve for Reactor Building Spray Pump 2A. This condition was reported to the control room and drain valve 2LWD-378 was shut. The low pressure injection supply from the borated water storage tank was aligned to allow the reactor building spray pump and suction header to refill. The recirculation line to the borated water storage tank was opened to aid in venting the discharge header. The suction header, pump, and discharge header had been filled and vented within 40 minutes of the discovery of the open drain valve.

Designation of Apparent Cause of Occurrence:

The last periodic test performed on the reactor building spray system was completed on September 6, 1974. On October 17, 1974, the RB spray system was lined up for power operation in accordance with operating procedure OP/2/A/1104/05. The valve checklist for this lineup indicates that valve 2LWD-378 was closed. Operations logs and maintenance work orders have not identified any other action which might have affected this valve lineup. It can only be concluded that an error was made either in verification of valve position or in misidentification of the valve itself which resulted in the drain valve being left open.

Analysis of Occurrence:

The reactor building spray pump depends, in part, on the liquid being pumped for its lubrication. Discussions with the pump manufacturer have revealed that the pump can be run dry for at least ten seconds without damage. It can be shown that the suction piping would be filled within two seconds following an Engineered Safeguards actuation. Thus, the pump would have performed satisfactorily and not have been adversely

affected by starting from a dry condition. The one-inch drain valve being open would have resulted in an insignificant degradation of this reactor building spray pump in the unlikely event it had been required.

The second redundant train of reactor building spray was not affected by this incident and would have functioned properly. It is concluded that the health and safety of the public was not affected.

Corrective Action:

The importance of identifying the component specified in a procedural step has been stressed to station personnel. A program is being developed to assure that all equipment is identified as to unit and component.