

**NEW DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 7925

FILE: INCIDENT REPORT FILE

FROM: Duke Power Co. Charlotte, N.C. 28242 Wm. O. Parker, Jr.			DATE OF DOC 7-18-75	DATE REC'D 7-25-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley			ORIG 1 signed	CC	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-270/75-10 on 6-29-75
re failure of emergency condenser discharge
valve CCW-8 during test....

(1 cy encl rec'd)

Do Not Remove

ACKNOWLEDGED

PLANT NAME: Oconee Unit 2

FOR ACTION/INFORMATION

DHL 7-29-75

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1 - ACRS SENT TO LIC ASST Sheppard 7-29-75			1 - J. D. RUNKLES, Rm E-201 GT
** SEND ONLY TEN DAY REPORTS			

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

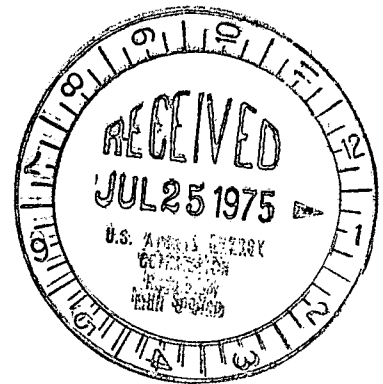
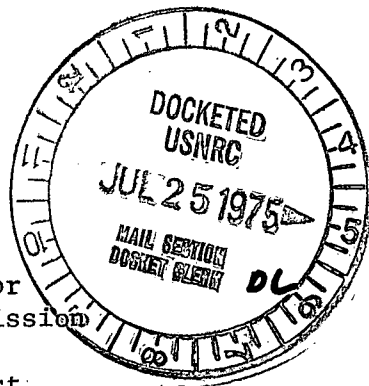
Regulatory Docket File

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

July 18, 1975

Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
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-270/75-10.

Very truly yours,

William O Parker by WAH
William O. Parker, Jr.

MST:vr
Attachment

cc: Mr. Angelo Giambusso

7925

U.S.A.F.C.
REGULATORY OPERATIONS
REGION II
ATLANTA, GA.
Jul 21 9 58 AM '75

DUKE POWER COMPANY
OCONEE UNIT 2

Regulatory Docket File

Report No.: UE-270/75-10

Received w/ Ltr Dated **7-18-75**

Report Date: July 18, 1975

Event Date: June 29, 1975

Facility: Oconee Unit 2, Seneca, South Carolina

Identification of Event: Failure of emergency condenser discharge valve CCW-8 during test

Conditions Prior to Event: Unit in cold shutdown

Description of Event:

On June 29, 1975, the periodic 4160 volt emergency power switching logic test was performed on Oconee Unit 2. The test results in loss of power to the unit while switching from the startup transformer to the standby buses. During this loss of power, the condenser cooling water emergency discharge to the Keowee tailrace, CCW-8, is supposed to open since loss of power to the CCW pumps is sensed. In this test, valve CCW-8 failed to open due to blown fuses.

Designation of Apparent Cause of Event:

The apparent cause of the failure of valve CCW-8 was moisture in the limit switch junction box causing the control power fuses to blow.

Analysis of Event:

The failure of emergency condenser cooling water valve CCW-8 occurred while the unit was in cold shutdown and lasted only for the short duration of the emergency power switching logic test. Thus, the function of the valve was not necessary. In the event that the unit had been at power when all CCW pumps were lost, condenser vacuum would have decreased resulting in a turbine trip and a high RC pressure reactor trip would have occurred. Adequate heat removal capacity would have been available by use of the main steam relief valves. In addition, CCW-8 could have been manually operated to obtain the gravity flow from the condenser. It is concluded that the health and safety of the public was not affected.

Corrective Action:

Appropriate action will be taken to prevent moisture buildup in the limit switch compartment of valve CCW-8 by October 1, 1975. Although the exact nature of this action has not been determined, periodic surveillance will be conducted to assure proper operation of valve CCW-8.