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FROM: Duke Power Company Charlotte, N.C. 28242. Wm. O. Parker, Jr.		DATE OF DOC 11-21-75	DATE REC'D 12-12-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley		ORIG 1 signed	CC	OTHER	SENT AEC PDR SENT LOCAL PDR		XX XX
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269/270/287		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Abnormal Occurrence A0-75-13 on 11-8-75 re failure of Keowee Hydro Sta. Unit 2 ~~xxxxxx~~ autostart....

(1 cy encl rec'd)

~~Do Not Remove~~

ACKNOWLEDGED

PLANT NAME: Oconee 1-2-3

FOR ACTION/INFORMATION

DHL 12-16-75

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DUKE POWER COMPANY **Regulatory Docket File**

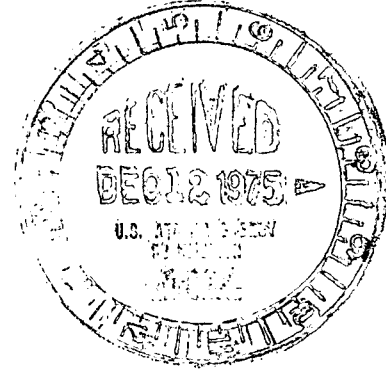
POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

November 21, 1975



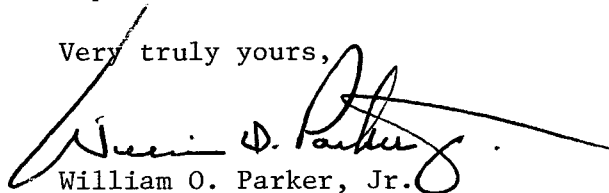
Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: Oconee Units 1,2,3
Docket No. 50-269, -270, -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 A0-269/75-13.

Very truly yours,



William O. Parker, Jr.

EDB:mmb

Attachment

CC Mr. Benard C. Rusche

13846

Report No.: AO-269/75-13

Report Date: November 21, 1975

Received w/ Ltr. Dated 11-21-75

Occurrence Date: November 8, 1975

Facility: Oconee Units 1,2,3, Seneca, South Carolina

Identification of Occurrence: Failure of Keowee Hydro Station Unit 2
to autostart

Conditions Prior to Occurrence: All units in power operation

Description of Occurrence:

On November 8, 1975, while all Oconee units were in power operation, an attempt was made to start Keowee Hydro Unit 2 from the Oconee Control Room for system load. Due to an electrical malfunction of the unit's generator supply breaker, Keowee Unit 2 failed to start. The Keowee Unit 1 was immediately connected to the underground feeder cable while maintenance action was performed on Keowee Unit 2. Keowee Unit 2 was restored to an operable status in approximately seven and a half hours.

Apparent Cause of Occurrence:

Investigation revealed that there was mechanical binding in the Keowee Unit 2 generator supply breaker linkage from the closing coil to the auxiliary contacts. This binding apparently prevented the breaker from electrically closing and making the electrical connections necessary to remotely start the unit. Keowee Unit 2 was last automatically started at 1300 on November 6, 1973.

Analysis of Occurrence:

This incident resulted in one of two redundant emergency power sources being inoperable for approximately seven and one half hours. During this incident, Keowee Unit 1 was operable and would have been available to supply emergency power. Oconee Technical Specification 3.7.2(b) provides for a test or maintenance period of 24 hours for one Keowee Unit, provided the remaining unit is connected to the underground feeder cable. Since the provisions of this Technical Specification were met, it is concluded that the health and safety of the public was not affected.

Corrective Action:

The generator supply breaker which malfunctioned was removed, cleaned, and repaired. After reinstallation of the breaker, Keowee Unit 2 was successfully tested and returned to service. Presently, preventative maintenance work is performed on the breakers at Keowee on an annual basis. It is felt that this maintenance schedule combined with the present surveillance of the Keowee Units through testing and normal operation provides a sufficient safety margin for the prevention or early discovery and correction of malfunctions of this type.

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