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FROM: Duke Power Co. Charlotte, N.C. 28201 A. C. Thies		DATE OF DOC 8-6-73	DATE REC'D 8-9-73	LTR X	MEMO	RPT	OTHER
TO: Angelo Giambusso		ORIG 1	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1 signed	DOCKET NO: 50-269		

DESCRIPTION:
ltr tran the following....

ENCLOSURES:
Report: UE-269/73-5, "FAILURE OF ON-SITE
POWER SOURCE TO START ON SIGNAL"

ACKNOWLEDGED
(1 cy rec'd)

PLANT NAME: Oconee Nuclear Station--Unit 1

DO NOT REMOVE

FOR ACTION/INFORMATION 8-9-73 GC

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DUKE POWER COMPANY

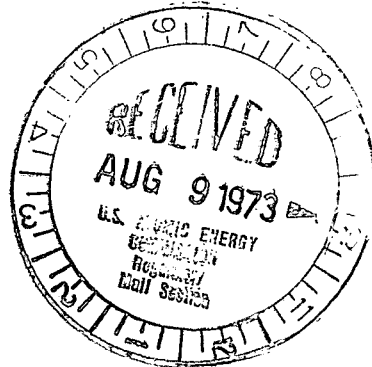
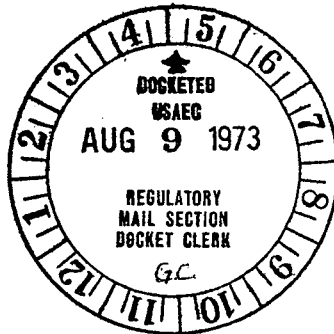
POWER BUILDING

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

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

August 6, 1973



Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. Giambusso:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station Unit 1
Technical Specifications, please find attached Unusual Event Report
UE-269/73-5, "Failure of On-Site Power Source to Start."

Very truly yours,

A. C. Thies
A. C. Thies *EDT*

ACT:vr

Attachment

cc: Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

DUKE POWER COMPANY
OCONEE NUCLEAR STATION - UNIT 1
UNUSUAL EVENT REPORT
UE-269/73-5
FAILURE OF ON-SITE POWER SOURCE TO START ON SIGNAL

Introduction

On June 27, 1973, Keowee Hydro Unit 1 failed to start on a normal startup signal. This incident has been classified as an unusual event as defined by Section 1.9d of the Oconee Unit 1 Technical Specifications.

Description of the Incident

On June 27, 1973, during performance of the periodic test PT/1&2/A/620/09, "Keowee Hydro Operation," Keowee Hydro Unit 1 failed to start on a normal startup signal from the Oconee control room. Keowee Hydro Unit 2 was then tested; it started and operated normally. Oconee Unit 1 was not in operation at the time of the incident.

Upon investigation, it was found that the shutdown solenoid at Keowee Hydro Unit 1 had remained in the shutdown position. This prevented the unit from starting in either the normal or emergency mode.

Corrective Action

Investigation showed that a loose connection at the terminal block prevented the proper operation of the solenoid. After tightening the connection, the unit started and operated properly. Other connections on Keowee Hydro Units 1 and 2 were checked, and no other problems were found.

Safety Analysis

Keowee Hydro Unit 1 is one emergency power source. If it were lost, Keowee Hydro Unit 2 would supply 100 percent of the emergency power load. If the 13.8 kV underground feeder were connected to Keowee Hydro Unit 1, which was lost, it would also be lost; however, the other unit would supply power through the step-up transformer and the 230 kV switching station to the startup transformers and the underground feeder could be transferred by the Oconee operator to the running unit.