

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7911070355 DOC. DATE: 79/10/31 NOTARIZED: NO
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.
 AUTH. NAME AUTHOR AFFILIATION
 PARKER, W.O. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 REID, R.W. Operating Reactors Branch 4 (Pre 791030)

DOCKET #
 05000269
 05000270
 05000287

SUBJECT: Outlines corrective actions to be taken to improve reliability of Lee Steam Station combustion units in providing emergency electrical power when one or more units out of svc.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 2 SIZE: 2
 TITLE: General Distribution for after Issuance of Operating Lic

NOTES: M. CUNNINGHAM - ALL AMENDS TO FSAR + CHANGES TO TECH SPECS.

	RECIPIENT	COPIES			RECIPIENT	COPIES	
	ID CODE/NAME	LTR	ENCL		ID CODE/NAME	LTR	ENCL
ACTION:	05 BC ORB #4	7					
INTERNAL:	01 REG FILE	1		02 NRC PDR	1		
	12 I&E	2		14 TA/EDO	1		
	15 CORE PERF BR	1		17 ENGR BR	1		
	18 REAC SFTY BR	1		19 PLANT SYS BR	1		
	20 EEB	1		21 EFLT TRT SYS	1		
	22 BRINKMAN	1		EPB-DOR	1		
	0ELD	1					
EXTERNAL:	03 LPDR	1		04 NSIC	1	1	
	23 ACRS	10	10				

NOV 8 1979

TOTAL NUMBER OF COPIES REQUIRED: LTR 39 ENCL 2

MAF

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

October 31, 1979

TELEPHONE: AREA 704
373-4083

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. R. W. Reid, Chief
Operating Reactors Branch No. 4

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Mr. Denton:

My letter of October 1, 1979 provided details of several instances of deenergization of the Oconee standby buses during the period the Keowee Hydro units were out-of-service for scheduled maintenance activities. A more in-depth review has been made, and the purpose of this letter is to outline the corrective actions which will be taken to improve the reliability of the Lee Steam Station combustion units in providing emergency electrical power when one or both of the Keowee units are out-of-service.

Vendor representatives will inspect the three Lee combustion turbines to assure that all necessary preventive maintenance is performed, and the relaying and circuit breakers for the units will be inspected by Duke Power personnel. In addition, step load change testing will be performed, both with one combustion unit operating and with two units operating in parallel. Vendor personnel will also assist with this testing.

In the future, two combustion units will be operated in parallel during periods when both Keowee units are out-of-service, and in order to avoid some potential control circuit problems, loads from isolated equipment will be placed on the turbines. When one Keowee unit is out-of-service, one Lee unit will be utilized to energize the Oconee standby buses. Further assurance against inadvertent trips of the Lee units will be provided by conducting a review of all associated protective relaying and bypassing or adjusting any non-essential relay trips. A comprehensive preventive maintenance program will be defined by the end of this year to further enhance reliability.

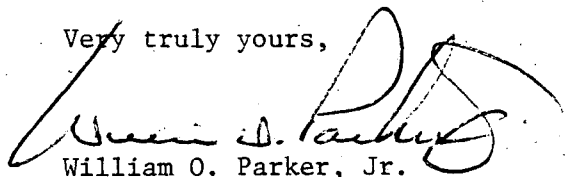
App'l
5/10

7911070 355

Mr. Harold R. Denton, Director
October 31, 1979
Page Two

These actions are considered to provide reasonable assurance that the Lee combustion units can serve as an alternate source of emergency electrical power in the event that one or both of the Keowee units are unavailable. It is anticipated that the maintenance and testing activities will be completed by November 9, 1979.

Very truly yours,

A handwritten signature in dark ink, appearing to read "William O. Parker, Jr.", is written over the typed name.

William O. Parker, Jr.

SRL:scs

cc: Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303