

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7905150317 DOC. DATE: 79/05/08 NOTARIZED: NO
 FACIL: 50-269 OCONEE NUCLEAR STATION, UNIT 1, DUKE POWER CO.
 50-270 OCONEE NUCLEAR STATION, UNIT 2, DUKE POWER CO.
 AUTH. NAME: PARKER, W.O. AUTHQR AFFILIATION: DUKE POWER CO.
 RECIP. NAME: REID, R.W. RECIPIENT AFFILIATION: OPERATING REACTORS BRANCH 4
 DENTON, H.R. OFFICE OF NUCLEAR REACTOR REGULATION

DOCKET #
 05000269
 05000270

SUBJECT: CLARIFIES 790507 CONVERSATION RE ALARA PROGRAM ASSOCIATED
 W/RERACKING OF SPENT FUEL POOL.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LIC

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

	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTR	ENCL		LTR	ENCL
ACTION:	05 BC <u>ORB #4</u>	7				
INTERNAL:	01 <u>REG FILE</u>	1	1	02 NRC PDR	1	1
	12 I&E	2	2	14 TA/EDO	1	1
	15 CORE PERF BR	1	1	16 AD SYS/PROJ	1	1
	17 ENGR BR	1	1	18 REAC SFTY BR	1	1
	19 PLANT SYS BR	1	1	20 EEB	1	1
	21 EFLT TRT SYS	1	1	22 BRINKMAN	1	1
EXTERNAL:	03 LPDR	1		04 NSIC	1	1
	23 ACRS	16	16			

TTIAL
 CCP

MAY 16 1979

TOTAL NUMBER OF COPIES REQUIRED: LTR 38 ENCL 0
38

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

May 8, 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. Robert W. Reid, Chief
Operating Reactors Branch #4

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

Dear Sir:

This letter is provided to confirm clarifications made during a conversation with members of your staff on May 7, 1979 concerning the ALARA program associated with the reracking of the Oconee Units 1, 2 Spent Fuel Pool. In my letters of February 2 and April 20, 1979 a tabular summary of worker dose estimates as a result of the modification was provided. (Reference page 5-6 of the February 2 submittal and the response to Question 23 provided in the April 20, 1979 submittal). The original and revised estimates are considered to be conservative (high) with respect to the dose rates which should actually occur. Duke will continue to maintain actual doses ALARA. Considerable explanation was provided in both submittals describing what methodology will be employed toward that end. Some specific conservatisms identified during the above referenced discussion are:

- 1) Under Section 4 of the revised Table 5.2-1 provided in the April 20, 1979 submittal the underwater diver estimate may be conservative with regard to man-hours and dose rate. The diving contractor provided the occupancy time for all diving operators based on the scope of work and their experience in the field. The occupancy time in the "100 mr/hr" field will be minimized. The dose rate is also considered to be somewhat conservative and if vacuuming operations are very successful the average dose rate may be approximately 60-70 mr/hr.

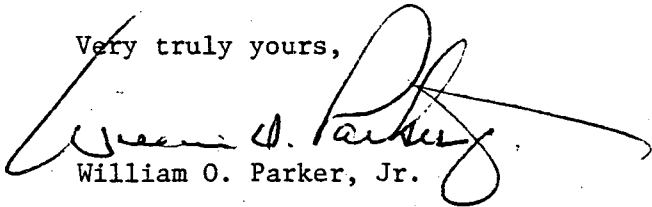
*A001
5/10*

7905150317

Mr. Harold R. Denton, Director
May 8, 1979
Page Two

- 2) Also in Section 4 an occupancy time of 1200 hours in a 10 mr/hr field is listed for Health Physics personnel. The use of substantial health physics support is considered essential in maintaining an overall ALARA program. HP technicians will be present during all fuel movement on back shifts as well as during actual rack installation and disposal work. Therefore, the occupancy time is considered reasonable. HP personnel will use low dose rate work areas and other techniques to maintain their doses ALARA.

Very truly yours,



William O. Parker, Jr.

KRW:scs