

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: MR N C MOSELEY

FROM: DUKE POWER COMPANY
CHARLOTTE, NC

W O PARKER, JR

DATE OF DOCUMENT
2-19-76
DATE RECEIVED
3-4-76

LETTER
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DESCRIPTION

LTR ADVISING TECH CHANGE REQUIRING ALL WATER DISCHARGED FROM THE PLANT SITE HAVE A PH BETWEEN 6.0 AND 8.5...advising ON 2-12-76 WATER DRAINS WERE AT 9.2....tech spec CHANGE WILL BE INSTITUTED BY 3-18-76.....

PLANT NAME: **OCONEE 1-2-3**

ENCLOSURE

DO NOT REMOVE

SAFETY		FOR ACTION/INFORMATION		ENVIRO 3-9-76 RB	
ASSIGNED AD :	PURPLE	ASSIGNED AD :		ASSIGNED AD :	
BRANCH CHIEF :		BRANCH CHIEF :	(2) DICKER	BRANCH CHIEF :	
PROJECT MANAGER:		PROJECT MANAGER :	SCALETTI	PROJECT MANAGER :	
LIC. ASST. :	SHEPPARD	LIC. ASST. :	KREUTZER	LIC. ASST. :	

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ERNST
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	BALLARD
<input checked="" type="checkbox"/> OELD		LAINAS	SPANGLER
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	
<input checked="" type="checkbox"/> MIPC	MACCARY		SITE TECH
<input checked="" type="checkbox"/> CASE	KNIGHT	OPERATING REACTORS	GAMMILL
<input checked="" type="checkbox"/> HANAUER	SIHWEIL	STELLO	STEPP
<input checked="" type="checkbox"/> HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	VOLLMER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	J. COLLINS
PETERSON	CHECK	GRIMES	KREGER
MELTZ			
HELTEMES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION			CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR: WALHALLA, SC	NATL LAB ORNL (3)	BROOKHAVEN NATL LAB	2172
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/> NSIC	LA PDR		
<input checked="" type="checkbox"/> ASLB	CONSULTANTS		
<input checked="" type="checkbox"/> ACRS (16) HOLDING SENT			

DUKE POWER COMPANY

POWER BUILDING

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

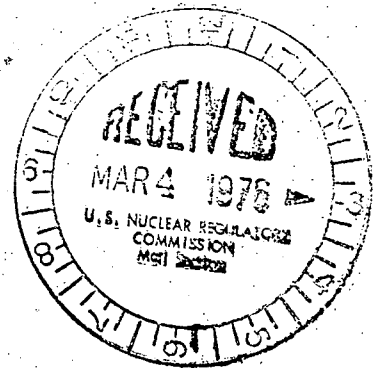
WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

February 19, 1976

TELEPHONE: AREA 704
373-4083

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

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



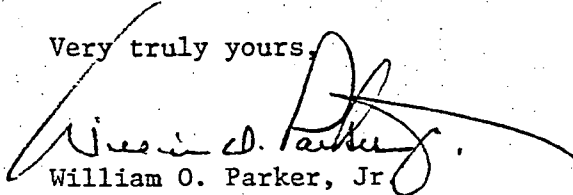
Dear Mr. Moseley:

Oconee Nuclear Station Appendix B Technical Specification 1.2 B requires that all water discharged from the plant site have a pH between 6.0 and 8.5. On February 12, 1976 a routine sample of the yard drains indicated a pH reading of 9.2. The following is a description of the events leading to this condition.

On February 11, 1976, from 0830 to 1130, the lower settling basin level was decreased in order to provide capacity for the storage of water resulting from the drainage of the Oconee Unit 1 steam generators. Commencing at 2000, this water was pumped to the lower settling basin. At 0830 on February 12, 1976, a sample of the yard drains indicated a pH of 9.2. Investigation revealed that the lower settling basin discharge valve was shut, the basin was receiving constant inlet flow and the water was overflowing the spillway. At 1150 the inlet valve to the upper basin was opened and the inlet valve to the lower basin was closed. Subsequent samples of the yard drains indicated a decreasing pH trend with the yard drains becoming in specifications at 0830, February 13, 1976. This incident had no observable effect upon the environment.

In order to prevent recurrence, the operating procedure for the waste water collection basins will be revised. The settling basins will be operated in such a manner that the weir valve will remain open and the pH of the basin controlled such that the resulting pH of water leaving the site will remain between 6.0 and 8.5. This will allow much greater reserve capacity in the settling basins to accommodate plant discharges which are out of normal. These changes will be instituted by March 18, 1976. In addition, in-line pH monitoring of the yard drains and the outlet of the lower settling basins with a remote readout capability in the water treatment room will be installed. This will provide much faster indication of an abnormal pH condition.

Very truly yours,


William O. Parker, Jr.

MST:ge

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