

NRC FORM 195 (2-76)		U.S. NUCLEAR REGULATORY COMMISSION		DOCKET NUMBER 50-269/270/289	
NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL				FILE NUMBER	
TO: Mr Rusche		FROM: Duke Pwr Co Raleigh, NC W O Parker Jr		DATE OF DOCUMENT 3-4-76	
				DATE RECEIVED 3-9-76	
<input checked="" type="checkbox"/> LETTER <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> COPY		<input type="checkbox"/> NOTORIZED <input checked="" type="checkbox"/> UNCLASSIFIED		NUMBER OF COPIES RECEIVED one signed	
PROP		INPUT FORM			
DESCRIPTION		ENCLOSURE			
<p>Ltr re our 2-17-76 ltr....&amp; their 12-18-76 submittal....furnishing info concerning core circulation to avoid boron concentration buildup that might adverseley affect long term cooling foollowing LOCA.....</p> <p>PLANT NAME: Oconee 1-3</p>		<p>DO NOT REMOVE</p> <p>ACKNOWLEDGED</p>			
SAFETY		FOR ACTION/INFORMATION		ENVIRO 3-13-76 ehf	
ASSIGNED AD :		ASSIGNED AD :			
BRANCH CHIEF :		BRANCH CHIEF :			
PROJECT MANAGER:		PROJECT MANAGER :			
LIC. ASST. :		LIC. ASST. :			
Purple (6)		Sheppard			
INTERNAL DISTRIBUTION					
REG FILE		SYSTEMS SAFETY		PLANT SYSTEMS	
NRC PDR		HEINEMAN		TEDESCO	
I & E (2)		SCHROEDER		BENAROYA	
OELD				LAINAS	
GOSSICK & STAFF		ENGINEERING		IPPOLITO	
MIPC		MACCARY			
CASE		KNIGHT		OPERATING REACTORS	
HANAUER		SIHWEIL		STELLO	
HARLESS		PAWLICKI		OPERATING TECH	
PROJECT MANAGEMENT		REACTOR SAFETY		EISENHUT	
BOYD		ROSS		SHAO	
P. COLLINS		NOVAK		BAER	
HOUSTON		ROSZTOCZY		SCHWENCER	
PETERSON		CHECK		GRIMES	
MELTZ					
HELTAMES		AT & I		SITE SAFETY & ENVIRO	
SKOVHOLT		SALTZMAN		ANALYSIS	
		RUTBERG		DENTON & MULLER	
EXTERNAL DISTRIBUTION				CONTROL NUMBER	
LPDR: Walholls, SC		NATL LAB		BROOKHAVEN NATL LAB	
TIC		REG. V-IE		ULRIKSON(ORNL)	
NSIC		LA PDR			
ASLB		CONSULTANTS			
ACRS 16 HOLDING/SENT		TO LA Sheppard			
				2378	

# DUKE POWER COMPANY

POWER BUILDING

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

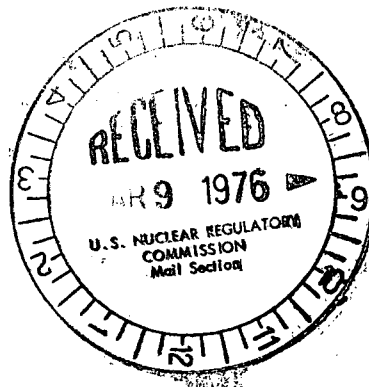
WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

REGULATORY DOCKET FILE COPY

TELEPHONE: AREA 704  
373-4083

March 4, 1976

Mr. Benard C. Rusche  
Director of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



Attention: Mr. R. A. Purple

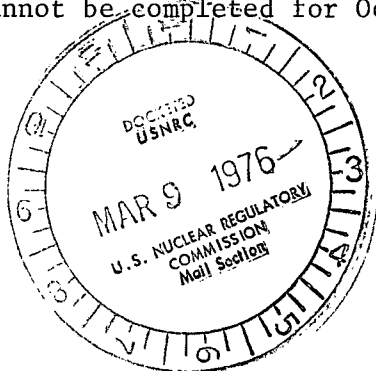
Re: Oconee Nuclear Station  
Docket Nos. 50-269, 50-270 and 50-289

Dear Sir:

In your letter of February 17, 1976, it was stated that a review of our December 18, 1976 submittal had determined that the proposed method for assuring that sufficient core circulation exists to avoid boron concentration buildup that might adversely affect long-term cooling capability following a postulated LOCA was acceptable. It was further stated, however, that the reactor operator must be provided positive indication of flow through the affected lines. If such indication could not be provided prior to Oconee 1, Cycle 3 operation, your letter requested that a pre-operational test be conducted to demonstrate sufficient flow through the lines under post-LOCA conditions.

The installation of equipment to provide the requested flow indication cannot be completed prior to Oconee 1, Cycle 3 operation. Accordingly, testing of the subject lines to demonstrate flow will be conducted prior to resuming operation. This testing has been further addressed in my letter of February 24, 1976. With regard to future installation of flow indication equipment, Duke is pursuing this matter with the intention of installing an acceptable system prior to Cycle 4 operation.

It should also be noted that while your letter of February 17, 1976 specifically addressed Oconee 1, the proposed method of assuring post-LOCA boron dilution flow is essentially the same for all Oconee units. Therefore, the Staff's concerns with regard to positive flow indication are generic to the Oconee units. In this regard, the installation of flow indication equipment cannot be completed for Oconee 2 prior to Cycle 2 operation (refer



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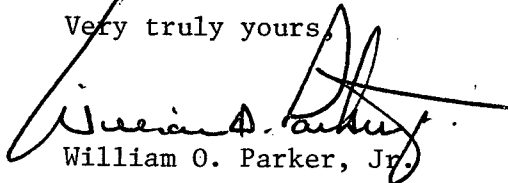
Mr. Benard C. Rusche

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to my letter of February 25, 1976 thereon). The above information concerning flow testing of the affected lines and future installation of flow indication equipment is, therefore, currently applicable to Ocone 2 also. Ocone 3 cannot be definitively addressed at this time.

Very truly yours,

A handwritten signature in dark ink, appearing to read "William O. Parker, Jr.", with a long horizontal flourish extending to the right.

William O. Parker, Jr.

DCH:mmmb