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TO: Mr ~~Rischer~~

FROM: Duke Pwr Co
Raleigh, NC
W O Parker Jr

DATE OF DOCUMENT
3-4-76

DATE RECEIVED 3-9-76

LETTER
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DESCRIPTION

Ltr re our 2-17-76 ltr....& their 12-18-76 submittal....furnishing info concerning core circulation to avoid boron concentration buildup that might adverseley affect long term cooling foollowing LOCA.....

PLANT NAME: Ocone 1-3

ENCLOSURE

DO NOT WRITE

SAFETY		FOR ACTION/INFORMATION		ENVIRO 3-13-76 enf	
ASSIGNED AD :		ASSIGNED AD :			
BRANCH CHIEF :	Purple (6)	BRANCH CHIEF :			
PROJECT MANAGER:		PROJECT MANAGER :			
LIC. ASST. :	Sheppard	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	
MIPC		MACCARY			SITE TECH
CASE		KNIGHT		OPERATING REACTORS	GAMILL
HANAUER		SIHWEIL		STELLO	STEPP
HARLESS		PAWLICKI			HULMAN
				OPERATING TECH	
PROJECT MANAGEMENT		REACTOR SAFETY	<input checked="" type="checkbox"/>	EISENHUT	SITE ANALYSIS
BOYD		ROSS	<input checked="" type="checkbox"/>	SHAO	VOLLMER
P. COLLINS		NOVAK	<input checked="" type="checkbox"/>	BAER	BUNCH
HOUSTON		ROSZTOCZY	<input checked="" type="checkbox"/>	SCHWENCER	J. COLLINS
PETERSON		CHECK	<input checked="" type="checkbox"/>	GRIMES	KREGER
MELTZ					
HELTEMES		AT & I		SITE SAFETY & ENVIRO	
SKOVHOLT		SALTZMAN		ANALYSIS	
		RUTBERG		DENTON & MULLER	

EXTERNAL DISTRIBUTION				CONTROL NUMBER	
<input checked="" type="checkbox"/> LPDR: <i>Waltham, SC</i>		NATL LAB		BROOKHAVEN NATL LAB	<i>2378</i>
<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 HOLDINGS SENT TO LA Sheppard					

DUKE POWER COMPANY

POWER BUILDING

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

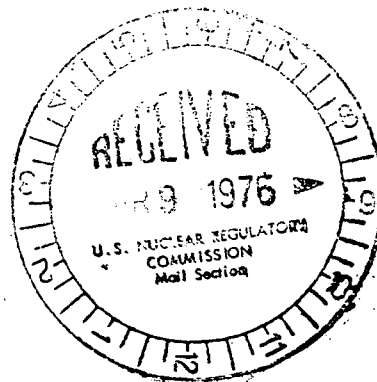
WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

REGULATORY 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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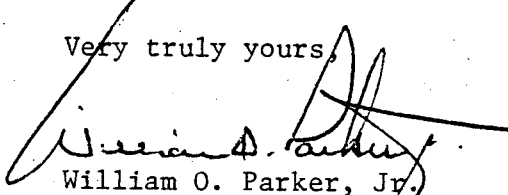
Mr. Benard C. Rusche

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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,



William O. Parker, Jr.

DCH:mmb