NRC FORM 195 (2-76) U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-269/270/289

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TO:	FROM:	DATE OF DOCUMENT
Mr Rusche	Duke Pwr Co Raleigh, NC W O Parker Jr	3-4-76
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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.....

ENCLOSURE

DOCUMENT ROOM

ACKNOWLEDGED

PLANT NAME: Oconee 1-3

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DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

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

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 Oconee 2 also. Oconee 3 cannot be definitively addressed at this time.

Very truly yours,

William O. Parker, Jr.

DCH:mmb