

OCT 4 1976

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Dockets Nos. ~~50-269~~
50-270
and ~~50-287~~

Duke Power Company
ATTN: Mr. William O. Parker, Jr.
Vice President
Steam Production
Post Office Box 2178
422 South Church Street
Charlotte, North Carolina 28242

Gentlemen:

By letter dated August 6, 1976, you submitted an evaluation titled "Evaluation of the Post-LOCA Boric Acid Concentration Control System for Oconee Reactors." This evaluation provided a description of the boron dilution system and discussed the need for flow instrumentation and an assessment of the functional performance of the system. You concluded that flow indication is not necessary.

We have reviewed your submittal and our review of the modifications to the drain line indicates that the resulting system has sufficient redundancy to be single failure proof, and, therefore is acceptable. We have concluded, however, that our previous position, as stated in our February 17, 1976, letter should be maintained, i.e., that a positive indication that flow exists in the drain network from the hot leg is required to assure that boron dilution flow can be maintained. The flow indication requirement applies to Oconee Units 1, 2 and 3.

It is requested that you commit, by letter to us within 14 days to install instrumentation for positive flow indication in each of the three Oconee Units at the following refueling outages; Unit 1, Cycle 4, Unit 2, Cycle 3, and Unit 3, Cycle 3. It is understood from your August 6, 1976 letter that you will perform functional tests on the boron dilution system being installed on Oconee 3 during the impending refueling outage as you did for Units 1 & 2.

Sincerely,

Original signed by

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

OFFICE	CC: See next page	DOR:ORB#1	DOR:ORB#1		
SURNAME		DNeighbors:lb	ASchwencer		
DATE		10/04/76	10/ /76		

cc: Mr. William L. Porter
Duke Power Company
P. O. Box 2178
422 South Church Street
Charlotte, North Carolina 28242

Mr. Troy B. Conner
Conner & Knotts
1747 Pennsylvania Avenue, N. W.
Washington, D. C. 20006

Oconee Public Library
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Walhalla, South Carolina 29691