

FROM: Duke Power Company Charlotte, N.C. 28201 Mr. A.C. Thies		DATE OF DOC 9-6-73	DATE REC'D 9-12-73	LTR X	MEMO	RPT	OTHER
TO: R.C. DeYoung		ORIG 1	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS XXX	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269/270/287		

DESCRIPTION:
Ltr re our 7-19-73 ltr....providing add'l info concerning design review of all liquid tanks at the Oconee Nuclear Station.

ENCLOSURES:
ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: Oconee Nuclear Station *

FOR ACTION/INFORMATION 9-13-73 JB

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DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

September 6, 1973

Mr. R. C. DeYoung
Assistant Director for
Pressurized Water Reactors
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

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

Dear Mr. DeYoung:

As requested in your letter of July 19, 1973, the designs of all liquid tanks which contain radioactivity have been reviewed. As a result of that review, it has been determined that if a Borated Water Storage Tank overflowed, the liquid would be released into the station yard drain system, and eventually into the Keowee River. A station problem report has been issued requesting that the overflow line from each Borated Water Storage Tank be piped into nearby pipe trenches. These pipe trenches drain into the Low Activity Waste Tanks. This design change will ensure that inadvertent overflow from the Borated Water Storage Tanks would go to the Low Activity Waste Tanks and then be processed through the normal liquid waste system. It is estimated that design of this modification can be completed in 30 days, and that fabrication and installation can be completed in another 30 days.

The Borated Water Storage Tanks are provided with both high level and low level alarms. Thus, the operator in the control room is warned when the level in the Borated Water Storage Tank exceeds 52 feet or drops below 50 feet. Level indication is also provided to the operator, and reactor operation is not permitted by the technical specifications if the Borated Water Storage Tank level drops below 46 feet. Should a Borated Water Storage Tank develop a leak, the contents of the tank can be transferred to a fuel transfer canal.

All other liquid tanks which contain radioactivity are located in the Auxiliary Building, and any overflow from these tanks would be collected and processed by the liquid waste treatment systems.

