NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-269/270/287

FILE NUMBER

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr Rusche	FROM: Duke Power Company Charlotte, NC W O Parker Jr	DATE OF DOCUMENT 12-28-76 DATE RECEIVED 12-30-76
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DESCRIPTION

Ltr re their 9-5-76 ltr.....& our 11-23-76 ltr.....furnishing info concerning Appendix J.....

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee 1-3

FOR ACTION/INFORMATION ENVIRO 1-4-76 ehf

SAFETY		ENVIRO	
ASSIGNED AD:		ASSIGNED AD:	
✓ BRANCH CHIEF:	Schwencer (5)	BRANCH CHIEF:	
✓ PROJECT MANAGER:	ZECH	PROJECT MANAGER:	
✓ LIC. ASST. :	Sheppard	LIC. ASST. :	

INTERNAL DISTRIBUTION

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✓	NRC PDR		HEINEMAN		TEDESCO		ENVIRO ANALYSIS
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	MIPC		MACARRY		KIRKWOOD		ERNST
	CASE		KNIGHT				BALLARD
	HANAUER		SIHWEIL		OPERATING REACTORS		SPANGLER
	HARLESS		PAWLICKI		STELLO		
							SITE TECH.
	PROJECT MANAGEMENT		REACTOR SAFETY		OPERATING TECH.		GAMMILL
	BOYD		ROSS	✓	EISENHUT		STEPP
	P. COLLINS		NOVAK	✓	SHAO		HULMAN
	HOUSTON		ROSZTOCZY	✓	BAER		
	PETERSON		CHECK	✓	BUTLER		SITE ANALYSIS
	MELTZ			✓	GRIMES		VOLLMER
	HELTEMES		AT & I				BUNCH
	SKOVHOLT		SALTZMAN			✓	J. COLLINS
			RUTBERG				KREGER

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✓	NSIC:		LA PDR		
	ASLB:		CONSULTANTS:		
✓	ACRS 16 CYS ~~HOLDING~~ SENT AS CAT B 1-4-76				

CONTROL NUMBER

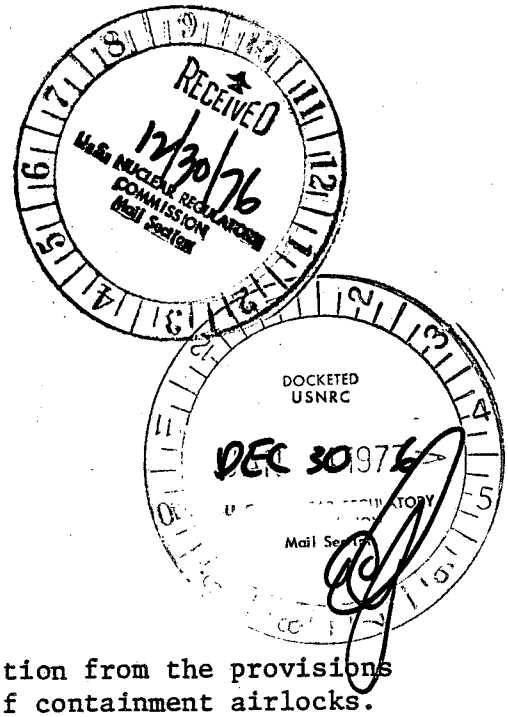
1 MDY
13085

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

Regulatory Docket File



December 28, 1976

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

Attention: Mr. A. Schwencer, Chief
Operating Reactors Branch #1

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

Dear Mr. Rusche:

Our September 5, 1975 letter requested an exemption from the provisions of 10CFR50, Appendix J concerning the testing of containment airlocks. It was our interpretation that Section III.D.2 of Appendix J to 10CFR50 requires a Type B test to be performed at six-month intervals; however, those airlocks which are opened during such intervals were to be tested after each opening. Our letter described the design features of the Oconee containment airlocks which made this requirement impractical.

In your letter dated November 23, 1976, an acceptable approach to meeting the objectives of Appendix J was described. This requires, at six-month intervals, that the entire airlock assembly shall be leak tested at the peak pressure, Pa. Additionally, should the airlock be opened during the interval between the six-month tests, the airlock door seals shall be tested within 72 hours of every first opening of a series of openings. This leak test may be performed at a lower pressure (e.g., manufacturer's recommended pressure) and the results conservatively extrapolated to a leakage rate at the accident pressure, Pa.

It is our conclusion that your interpretation of the intent of 10CFR50, Appendix J provides a suitable alternative for testing the Oconee containment airlocks. In the case of the Oconee design, however, only the outer door in each airlock has a double seal and is therefore testable. The inner door only has one seal and cannot be tested. Proposed Technical

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Specifications will be submitted by February 15, 1977 which incorporate these considerations into the testing of the Oconee containment airlocks.

Very truly yours,

William O. Parker, Jr.

MST:vr