

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:  
Mr. Benard C. Rusche

FROM:  
Duke Power Company  
Charlotte, North Carolina  
Mr. William O. Parker, Jr.

DATE OF DOCUMENT  
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DESCRIPTION

Ltr. re our 11/16/76 ltr. and their 12/9/76 ltr....trans the following:

PLANT NAME: Oconee Units 1-2-3

(2-P)

ENCLOSURE

Consists of responses to questions constituting the substance of their proposed integrated reactor vessel material surveillance program at the Crystal River site...

ACKNOWLEDGED

DO NOT REMOVE

(26-P)

SAFETY		FOR ACTION/INFORMATION		ENVIRO	1/13/77	RJL
ASSIGNED AD:				ASSIGNED AD:		
<input checked="" type="checkbox"/> BRANCH CHIEF:	Schwencer (S)			BRANCH CHIEF:		
<input checked="" type="checkbox"/> PROJECT MANAGER:	Zech			PROJECT MANAGER:		
<input checked="" type="checkbox"/> LIC. ASST. :	Sheppard			LIC. ASST. :		
	<i>R. BOSNAK</i>					
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<input checked="" type="checkbox"/> NRC PDR		HEINEMAN		TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)		SCHROEDER		BENAROYA	DENTON & MULLER
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<input checked="" type="checkbox"/> GOSSICK & STAFF		ENGINEERING		IPPOLITO	ENVIRO TECH.
MIPC		MACARRY		KIRKWOOD	ERNST
CASE	<input checked="" type="checkbox"/>	KNIGHT			BALLARD
HANAUER		SIHWEL		OPERATING REACTORS	SPANGLER
HARLESS		PAWLICKI		STELLO	
	<input checked="" type="checkbox"/>	<i>P. BARANOWSKY</i>			SITE TECH.
PROJECT MANAGEMENT		REACTOR SAFETY		OPERATING TECH.	GAMMILL
BOYD		ROSS	<input checked="" type="checkbox"/>	EISENHUT (Ltr.)	STEPP
P. COLLINS		NOVAK	<input checked="" type="checkbox"/>	SHAO	HULMAN
HOUSTON	<input checked="" type="checkbox"/>	ROSZTOCZY	<input checked="" type="checkbox"/>	BAER	
PETERSON	<input checked="" type="checkbox"/>	CHECK	<input checked="" type="checkbox"/>	BUTLER	SITE ANALYSIS
MELTZ	<input checked="" type="checkbox"/>	<i>C. TRAMMELL</i>	<input checked="" type="checkbox"/>	GRIMES	VOLLMER
HELTEMES		AT & I			BUNCH
SKOVHOLT		SALTZMAN			<input checked="" type="checkbox"/> J. COLLINS
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EXTERNAL DISTRIBUTION		
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DUKE POWER COMPANY

POWER BUILDING  
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28202

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

January 4, 1977

TELEPHONE: AREA 704  
373-4083

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

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

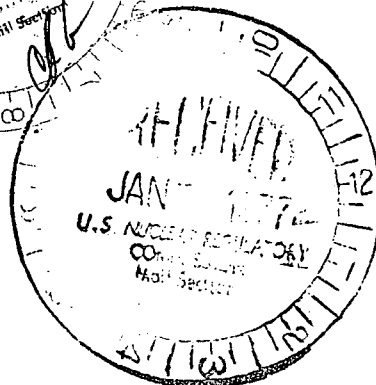
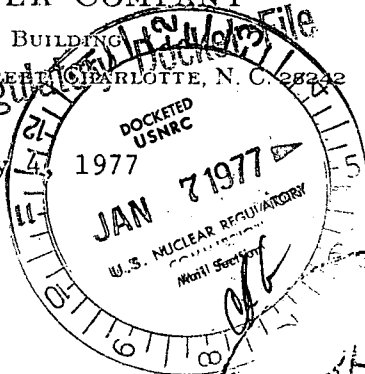
Reference: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Mr. Schwencer:

Your letter of November 16, 1976 pointed out that exemptions from the provisions of 10CFR50, Appendix H had been issued to permit the operation of Oconee Units 1, 2 and 3, respectively for their present fuel cycles with the reactor vessel material specimens removed from their reactor vessels. It was stated that review of a course of action other than reinstallation of specimens in the vessel from which they were removed may require an extended period of time on the part of the staff. Accordingly, our plans for obtaining compliance with 10CFR50, Appendix H were requested, and if other than reinstallation in the original vessel was chosen, additional information was to be provided.

Our letter dated December 9, 1976 stated that it is our intention to continue the irradiation of the Oconee surveillance capsules in a reactor of similar design. To this end, an agreement in principle has been reached with Florida Power Corporation for the irradiation of Oconee capsules in the Crystal River, Unit 3 reactor vessel. It is expected that this agreement will be formalized in the near future. The attached responses to questions constitute the substance of our proposal to NRC to permit this integrated reactor vessel material surveillance program at the Crystal River site. In the attached, host reactor and guest reactors are Crystal River 3 and Oconee, respectively. Formal proposal of this program and the necessary Technical Specifications will be submitted in the near future.

Your letter also requested a description of any additional programs that we plan to implement to satisfy the fracture toughness requirements of Appendix G to 10CFR50. Such a program would involve additional surveillance capsules irradiated at operating reactors and/or test reactor. We



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have participated in the B&W User's Group effort toward such a program.  
At this time, no formal agreement for such a program has been reached.  
Information on this program will be provided when available.

Very truly yours,

*William O. Parker, Jr.*

William O. Parker, Jr. *by JMS*

MST:ge