

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
ENVIRONMENTAL

TO:
B.C. Rusche

FROM: Duke Power Co.
Charlotte, N.C.
W.Parker, Jr.

DATE OF DOCUMENT
2-4-76

DATE RECEIVED
2-10-76

LETTER
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PROP

INPUT FORM

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1

DESCRIPTION
Summary of Fish Impingement Report which occurred on 1-30-76...W/Attached Summary Data.

(1 Copy Received)

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee # 1,2,&3

ENCLOSURE

SAFETY		FOR ACTION/INFORMATION		ENVIRO	
ASSIGNED AD :		ASSIGNED AD :		SAB 2-12-76	
BRANCH CHIEF :		BRANCH CHIEF :	Dicker W/2		
PROJECT MANAGER:		PROJECT MANAGER :			
LIC. ASST. :		LIC. ASST. :	Sheppard		

INTERNAL DISTRIBUTION			
REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
NRC PDR	HEINEMAN	TEDESCO	ERNST
I & E	SCHROEDER	BENAROYA	BALLARD
OELD		LAINAS	SPANGLER
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIPC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL
HANAUER	SIHWEIL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	VOLLNER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	J. COLLINS
PETERSON	CHECK	GRIMES	KREGER
MELTZ			
HELTEMES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION			CONTROL NUMBER
LPDR: Walhalls, S.C.	NATL LAB ORNL	BROOKHAVEN NATL LAB	1307
TIC	REG. V-IE	ULRIKSON(ORNL)	
NSIC	LA PDR		
ASLB	CONSULTANTS		
ACRS HOLDING/SENT			

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

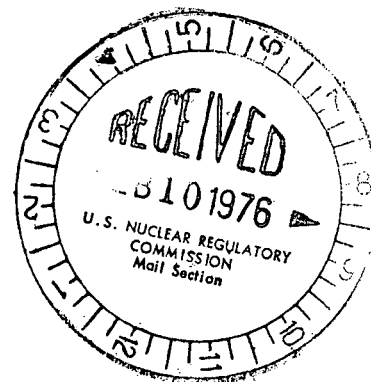
TELEPHONE: AREA 704
373-4083

Regulatory

File Cy.

February 4, 1976

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



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

Dear Mr. Rusche:

On January 30, 1976, two of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 13,250 small fingerling fish, weighing 33.1 Kg., had collected on the screens. The fish were removed from the screens and categorized, where possible, as to screen location, type, size, degree of decomposition, and weight. This information is tabulated in Enclosure 1. It is concluded that the mortality of these 33.1 Kg. of fish had an insignificant effect on fisheries resources in Lake Keowee.

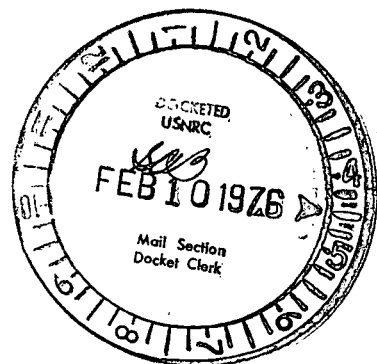
Very truly yours,

William O Parker
William O. Parker, Jr.

MST:mmb

Enclosure

CC Mr. H. J. Logan
S. C. Wildlife & Marine Resources Department



1307

Enclosure 1
 Summary of Fish Impingement Data
 Per Intake Screen
 Oconee Nuclear Station
 January 30, 1976

Screen 2A1

Total Fish Impinged - 10,100

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 6600	4-6 cm - 8300	Class 2 - 900	
Unidentifiable - 3500	6-8 cm - 1800	Class 3 - 5700	~25.25 kg
		Class 4 - 3500	

Screen 2A2

Total Fish Impinged - 3,150

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2450	4-6 cm - 2700	Class 2 - 700	
Unidentifiable - 700	6-8 cm - 450	Class 3 - 1750	~7.88 kg
		Class 4 - 700	

- *Class 1 - No noticeable decomposition
- Class 2 - Slightly decomposed
- Class 3 - Badly decomposed, identifiable
- Class 4 - Badly decomposed, unidentifiable