

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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 UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED

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	SAB 2-12-76
ASSIGNED AD :		ASSIGNED AD :	
BRANCH CHIEF :		BRANCH CHIEF :	Dicker W/2
PROJECT MANAGER:		PROJECT MANAGER :	
LIC. ASST. :		LIC. ASST. :	Sheppard

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

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

*Handwritten signature*  
1307

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

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.

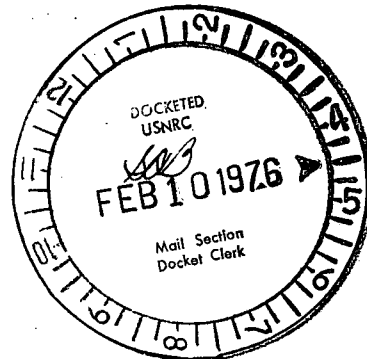
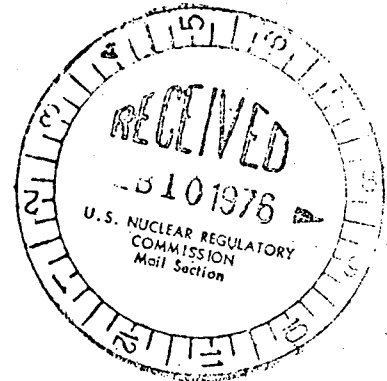
Very truly yours,

*William O. Parker, Jr.*  
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	~25.25 kg
Unidentifiable - 3500	6-8 cm - 1800	Class 3 - 5700	
		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	~7.88 kg
Unidentifiable - 700	6-8 cm - 450	Class 3 - 1750	
		Class 4 - 700	

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