

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: **863**

FILE: ENVIRO

FROM: DUKE POWER COMPANY CHARLOTTE, NC W. O. PARKER, JR.			DATE OF DOC 1-23-76	DATE REC'D 1-29-76	LTR XXXX	TWX	RPT	OTHER
TO: MR B. C. RUSCHE			ORIG 1 SIGNED	CC	OTHER	SENT NRC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXXXXXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-269- <b>(270)</b> 50-287		

DESCRIPTION:  
  
LTR WATCH FURN INFO ON FISH IMPINGEMENT  
DTD 1-20-76.....LTR TRANS THE FOLLOWING..

ENCLOSURES:  
  
ENCLOSURE 1 SUMMARY OF FISH  
IMPINGEMENT DATA PER INTAKE  
SCREEN

**ACKNOWLEDGED  
DO NOT REMOVE**

PLANT NAME: OCONEE NUCLEAR STATION

SAFETY		FOR ACTION/INFORMATION		ENVIRO 1-29-76 RKB
ASSIGNED AD		ASSIGNED BRANCH CHIEF <u>SCALLETTI (2)</u>		PROJECT MANAGER
✓ BRANCH CHIEF <u>PURPLE (3 CYS)</u>		PROJECT MANAGER		LIC ASST. _____ W/ ACRS
PROJECT MANAGER		✓ LIC. ASST. <u>SHEPPARD</u> W/ CYS ACRS		✓ <u>V. MOORE</u>

INTERNAL DISTRIBUTION

<u>REG FILES</u>	<u>SYSTEMS SAFETY</u>	<u>PLANT SYSTEMS</u>	<u>SITE SAFETY &amp; ENVIRO ANALYSIS</u>
✓ NRC PDR	HEINEMAN	TEDESCO	✓ DENTON
OELD	SCHROEDER	BENAROYA	MULLER
GOSSICK/STAFF		LAINAS	<u>ENVIRO TECH.</u>
✓ I&E (2)	<u>ENGINEERING</u>	IPPOLITO	ERNST
✓ MIPC	MACCARY		✓ BALLARD
	KNIGHT	<u>OPERATING REACTORS</u>	SPANGLER
<u>PROJECT MANAGEMENT</u>	SINWEIL	STELLO	
BOYD	PAWLICKI		<u>SITE TECH.</u>
P. COLLINS		<u>OPERATING TECH.</u>	GAMMILL
HOUSTON	<u>REACTOR SAFETY</u>	EISENHUT	STEPP
PETERSON	ROSS	SHAO	HUIMAN
MELTZ	NOVAK	BAER	
HELTENES	ROSETOCZY	SCHWENCER	<u>MISCELLANEOUS</u>
	CHECK	✓ GRIMES	✓ <u>HANAUER</u>

EXTERNAL DISTRIBUTION

✓ LOCAL PDR <u>WALHALLA, SC</u>	NATIONAL LAB <u>ORNL</u> W/ 1 CYS	BROOKHAVEN NAT. LAB
✓ LTIC	REGION V-I&E-(WALNUT CREEK)	ULRIKSON (ORNL)
✓ NSIC	LA PDR	
ASLB	CONSULTANTS	

*mo*

DUKE POWER COMPANY

POWER BUILDING

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

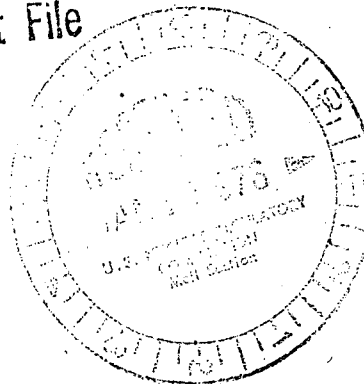
WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

January 23, 1976

Regulatory Docket File

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 20, 1976, four of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 43,237 small fingerling fish, weighing 109.7 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 109.7 Kg. of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

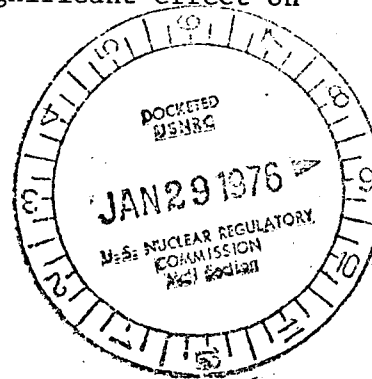
*W.O. Parker, Jr.*

William O. Parker, Jr.

MST:mmb

Enclosure

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



Enclosure 1  
Summary of Fish Impingement Data  
Per Intake Screen  
Oconee Nuclear Station  
January 20, 1976

Screen 1D1

Total Fish Impinged - 6874

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 6860	2-4 cm - 3500	Class 2 - 4300	
Yellow perch - 4	4-6 cm - 2508	Class 3 - 2574	~17.87 kg.
Bluegill - 10	6-8 cm - 804		
	8-10cm - 61		
	10-12cm - 1		

Screen 1D2

Total Fish Impinged - 9363

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 9316	2-4 cm - 6050	Class 2 - 8385	
Yellow perch - 43	4-6 cm - 2889	Class 3 - 978	~24.34 kg.
Bluegill - 4	6-8 cm - 373		
	8-10cm - 51		

Screen 2D1

Total Fish Impinged - 15000

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentifiable - 15000	2-4 cm - 8000		
	4-6 cm - 7000	Class 4 - 15000	37.50 gms.

Screen 2D2

Total Fish Impinged - 12000

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentifiable - 12000	2-4 cm - 5000		
	4-6 cm - 7000	Class 4 - 12000	30.00 gms.

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