

**NEUTRAL DISTRIBUTION FOR PART 50 DOCUMENT MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 510

FILE: ENVIRO

FROM: Duke Power Co. Charlotte, N.C. 28242 Wm. O. Parker, Jr.		DATE OF DOC 1-14-76	DATE REC'D 1-19-76	LTR XX	TWX	RPT	OTHER
TO: Mr. B.C. Rusche		ORIG 1 signed	CC	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-2697270/287</u>		

DESCRIPTION: Ltr trans the following:

PLANT NAME: Oconee Units 1-2-3

ENCLOSURES: Summary of Fish Impingement Data per Intake Screen for Oconee Station dated Jan. 8 & 9, 1976...

(1 cy encl rec'd)

Do Not Remove
ACKNOWLEDGED

SAFETY	FOR ACTION/INFORMATION	ENVIRO	DHL 1-21-76
ASSIGNED AD _____	ASSIGNED BRANCH CHIEF <u>DICKER (2)</u>	PROJECT MANAGER _____	LIC ASST. <u>KREUTZER</u> W/ ACRS
BRANCH CHIEF <u>PURPLE</u>			
PROJECT MANAGER _____			
LIC. ASST. <u>SHEPPARD</u> W/ CYS ACRS			

INTERNAL DISTRIBUTION

- | | | | |
|---------------------------|-----------------------|---------------------------|--|
| <u>REG FILES (3)</u> | <u>SYSTEMS SAFETY</u> | <u>PLANT SYSTEMS</u> | <u>SITE SAFETY & ENVIRO ANALYSIS</u> |
| ✓ NRC PDR (3) | 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> | SIHWEIL | STELLO | <u>SITE ANALYSIS</u> |
| BOYD | PAWLICKI | | ✓ VOLLMER |
| P. COLLINS | | <u>OPERATING TECH.</u> | BUNCH |
| HOUSTON | <u>REACTOR SAFETY</u> | EISENHUT | ✓ J. COLLINS |
| PETERSON | ROSS | SHAO | ✓ KREGER |
| MELTZ | NOVAK | BAER | |
| HELTMES | ROSETOCZY | SCHWENCER | <u>MISCELLANEOUS</u> |
| | CHECK | ✓ GRIMES | |
| | <u>HANAUER</u> | | |

EXTERNAL DISTRIBUTION

- | | | |
|-----------------------------------|-------------------------------------|---------------------|
| ✓ LOCAL PDR <u>Walhalla, S.C.</u> | ✓ NATIONAL LAB <u>ORNL</u> W/ 1 CYS | BROOKHAVEN NAT. LAB |
| ✓ TIC | REGION V-I&E-(WALNUT CREEK) | ULRIKSON (ORNL) |
| ✓ NSIC | LA PDR | |
| ASLB | CONSULTANTS | |
- My*

DUKE POWER COMPANY **Regulatory Docket File**

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

January 14, 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 8 and 9, 1976, eight of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 5,343 small fingerling fish, weighing 13.5 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 13.6 Kg. of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

William O. Parker, Jr.

EDB: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 8&9, 1976

1-14-76

Screen 3A1

Total Fish Impinged - 712

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 335	4-6 cm - 102	Class 1 - 0	1.8 kg.
Yellow perch - 17	6-8 cm - 610	Class 2 - 352	
Unidentifiable - 360		Class 3 - 0	
		Class 4 - 360	

Screen 3A2

Total Fish Impinged - 589

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 375	4-6 cm - 525	Class 2 - 379	1.5 kg.
Yellow perch - 4	6-8 cm - 64	Class 4 - 210	
Unidentifiable - 210			

Screen 3B1

Total Fish Impinged - 688

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 120	4-6 cm - 670	Class 2 - 120	1.7 kg.
Yellow perch - 8	6-8 cm - 18	Class 3 - 8	
Unidentifiable - 560		Class 4 - 560	

Screen 3B2

Total Fish Impinged - 635

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 45	4-6 cm - 620	Class 2 - 45	1.6 kg.
Yellow perch - 15	6-8 cm - 15	Class 3 - 15	
Unidentifiable - 575		Class 4 - 575	

Screen 3C1

Total Fish Impinged - 1077

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 150	2-4 cm - 50	Class 2 - 150	3.0 kg.
Yellow perch - 2	4-6 cm - 1025	Class 3 - 2	
Unidentifiable - 925	6-8 cm - 2	Class 4 - 925	

Enclosure 1 (Cont.)

Screen 3C2

Total Fish Impinged - 902

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 100	2-4 cm - 75	Class 2 - 100	2.3 kg.
Yellow perch - 2	4-6 cm - 825	Class 3 - 2	
Unidentifiable - 800	6-8 cm - 2	Class 4 - 800	

Screen 3D1

Total Fish Impinged - 355

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 75	4-6 cm - 355	Class 2 - 75	0.9 kg.
Unidentifiable - 280		Class 4 - 280	

Screen 3D2

Total Fish Impinged - 385

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 10	4-6 cm - 385	Class 3 - 10	0.8 kg.
Unidentifiable - 375		Class 4 - 375	

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