

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 58

FILE: ENVIRO

FROM: Duke Power Company Charlotte, NC W O Parker Jr		DATE OF DOC 1-2-76	DATE REC'D 1-5-76	LTR XXX	TWX	RPT	OTHER
TO: Mr Rusche		ORIG one signed	CC	OTHER	SENT NRC PDR	SENT LOCAL PDR	XX XX
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269/270 <u>(281)</u>		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: info concerning fish impingement on 12-29-75 & 12-30-75.....

PLANT NAME: Oconee 1-3

**ACKNOWLEDGE  
DO NOT REMOVE**

FOR ACTION/INFORMATION 1-9-76 enr

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KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/2Copies	LPH W/ Copies	

INTERNAL DISTRIBUTION

<del>REG FILE</del> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUSHBROOK (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN (E)	A/T IND. BRATTMAN SALTZMAN MELTZ  PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON  K. PARRISH (I)
BOYD MCORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MFC HANAUER		ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT-LDR Froelich HARLESS		

EXTERNAL DISTRIBUTION

- |                                   |                                |                        |
|-----------------------------------|--------------------------------|------------------------|
| 1 - LOCAL PDR <u>Plymouth, Me</u> | 1 - NATIONAL LABS <u>PNWL</u>  | 1 - PDR-SAN/LA/NY      |
| 1 - TIC (ABERNATHY) (1)(2)(10)    | 1 - W. PENNINGTON, Rm E-201 GT | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (EUCHANAN)               | 1 - CONSULTANTS                | 1 - G. ULRIKSON ORNL   |
| 1 - ASLB                          | NEWMARK/BLUME/AGBABIAN         |                        |
| 1 - Newton Anderson               |                                |                        |
| - ACRS HOLDING/SENT               |                                |                        |
- JM 6*

DUKE POWER COMPANY

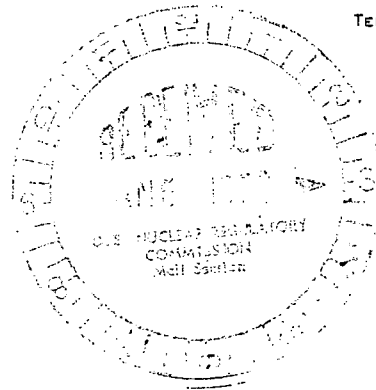
POWER BUILDING

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

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

January 2, 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

REGULATORY DOCKET FILE COPY

Dear Mr. Rusche:

On December 29, 1975, four of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 4825 small fingerling fish, weighing 12.1 Kgs., 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.

On December 30, 1975, six of the 24 condenser cooling water screens were inspected in place by divers. A total of 16,531 small fingerling fish had collected on the screens. The fish were categorized, where possible, as to screen location, type and size. This information is tabulated in Enclosure 2.

The mortality of these fish had an insignificant effect on the fisheries resources in Lake Keowee.

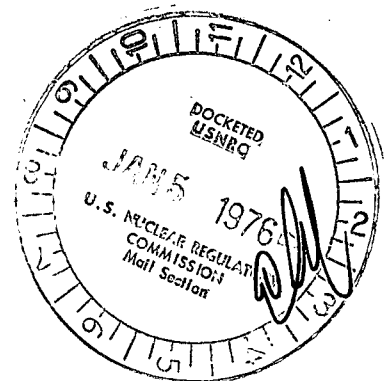
Very truly yours,

*W.O. Parker, Jr.*  
William O. Parker, Jr. *By [Signature]*

WOP:EDB:mmb

Attachment

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



Enclosure 1  
 Summary of Fish Impingement  
 Per Intake Screen  
 For December 29, 1975  
 Oconee Nuclear Station

Screen 1B1

Total Fish Impinged - 1035

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 360	2-4 cm - 245	Class 1 - 0	2.6 kgs
Unidentifiable - 675	4-6 cm - 790	Class 2 - 360	
		Class 3 - 0	
		Class 4 - 675	

Screen 1B2

Total Fish Impinged - 1315

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 515	2-4 cm - 305	Class 1 - 0	3.3 kgs
Unidentifiable - 800	4-6 cm - 1010	Class 2 - 515	
		Class 3 - 0	
		Class 4 - 800	

Screen 1C1

Total Fish Impinged - 1165

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 265	2-4 cm - 155	Class 1 - 0	2.8 kgs
Unidentifiable - 900	4-6 cm - 1010	Class 2 - 265	
		Class 3 - 0	
		Class 4 - 900	

Screen 1C2

Total Fish Impinged - 1310

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 485	2-4 cm - 340	Class 1 - 0	3.4 kgs
Unidentifiable - 825	4-6 cm - 970	Class 2 - 485	
		Class 3 - 0	
		Class 4 - 825	

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

Enclosure 2  
Totals of Observed Impinged Fish per Screen  
by SCUBA  
12/30/75  
Oconee Nuclear Station

Screen 1A1

Total Fish Impinged - 7800

Species Composition

Threadfin shad - 7800

Size Groups

4-6 cm - 5250  
6-8 cm - 2325  
8-10cm - 225

Screen 1A2

Total Fish Impinged - 5935

Species Composition

Threadfin shad - 5935

Size Groups

4-6 cm - 4550  
6-8 cm - 1275  
8-10cm - 110

Screen 2B1

Total Fish Impinged - 198

Species Composition

Threadfin shad - 198

Size Groups

4-6 cm - 146  
6-8 cm - 45  
8-10cm - 7

Screen 2B2

Total Fish Impinged - 6

Species Composition

Threadfin shad - 6

Size Groups

4-6 cm - 6

Screen 3B1

Total Fish Impinged - 1909

Species Composition

Threadfin shad - 1908  
Yellow perch - 1

Size Groups

4-6 cm - 1847  
6-8 cm - 62

Screen 3B2

Total Fish Impinged - 683

Species Composition

Threadfin shad - 683

Size Groups

4-6 cm - 675  
6-8 cm - 8