

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 15

FILE: ENVIRO

FROM: Duke Power Co. Charlotte, N.C. 28242 Wm.O. Parker, Jr.		DATE OF DOC 12-29-75	DATE REC'D 1-3-76	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: <del>50-269</del> /270/287		

DESCRIPTION: Ltr trans the following:  
  
PLANT NAME: Oconee 1-2-3

ENCLOSURES: Summary of Fish Impingement Data Per Screen Dated 12-22-75 for Oconee Station....  
  
(1 cy encl rec'd)

~~DO NOT REMOVE~~  
**ACKNOWLEDGED**

**FOR ACTION/INFORMATION** DHL 1-7-76

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies	REID (L) W/ COPIES
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**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 COLLINS LAINAS BENAROYA VOLLMER <b>HANAUER</b>	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER  ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR <b>SCAletti</b> MARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) KREUTZER (E) J. LEE (L) M. RUTHBROOK (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. BRAITMAN SALTZMAN MELTZ  PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON  K. PARRISH (L)
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**EXTERNAL DISTRIBUTION**

- 1 - LOCAL PDR Walhalla, S.C.
  - 1 - TIC (ABERNATHY) (1) (10) - NATIONAL LABS ORNL
  - 1 - NSIC (BUCHANAN) 1 - W. PENNINGTON, Rm E-201 GT 1 - PDR-SAN/LA/NY
  - 1 - ASLB 1 - CONSULTANTS 1 - BROOKHAVEN NAT LAB
  - 1 - Newton Anderson NEWMARK/BLUME/AGBABIAN 1 - G. ULRIKSON ORNL
  - ACRS HOLDING/SENT
- M.A. 76*

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

December 29, 1975



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 December 22, 1975, two of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 2,133 small fingerling fish, weighing 6.19 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. It is concluded that the mortality of these 6.19 kgs. of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

*William O. Parker, Jr.*  
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 Screen  
December 22, 1975  
Oconee Nuclear Station

~~CONFIDENTIAL~~

Screen 1A1

Total Fish Impinged - 1,346

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 880	Class 1 - 0	3.30 kgs
Threadfin shad - 890	4-6 cm - 466	Class 2 - 891	
Unidentified - 455		Class 3 - 0	
		Class 4 - 455	

Screen 1A2

Total Fish Impinged - 787

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow perch - 2	2-4 cm - 285	Class 1 - 0	2.89 kgs
Threadfin shad - 375	4-6 cm - 502	Class 2 - 377	
Unidentified - 410		Class 3 - 0	
		Class 4 - 410	

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