

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 2107  
FILE: Enviro

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 2-19-75	DATE REC'D 2-24-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. Angelo Giambusso		ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>xxx</u>		SENT LOCAL PDR <u>xxx</u>
CLASS	UNCLASS xxxxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-269, 270, and 287</u>		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Environmental Abnormal Occurrence on 2-13-75 concerning Fish Impingement Data .....

PLANT NAME: Oconee 1-3

FOR ACTION/INFORMATION 2-24-75 JGB

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASCALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPELS W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

<u>REG FILE</u> NRC PDR OGC, ROOM P-506A BOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) T.R. WILSON STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	BENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) KREUTZER (E) J. LEE (L) M. MAIGRET (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)	A/T IND. BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

LOCAL PDR <u>Walhalla, S.C.</u> 1 - TIC (ABERNATHY) <u>(1)(2)(10)</u> 1 - NSIC (BUCHANAN) 1 - ASLB 1 - Newton Anderson 1 - ACRS <u>SENT</u> <u>to Lic Asst</u> <u>KREUTZER</u>	NATIONAL LABS <u>ORNL</u> 1 - W. PENNINGTON, Rm E-201 GT 1 - CONSULTANTS NEWMARK/BLUME/AGBABIAN	1 - PDR-SAN/LA/NY 1 - BROOKHAVEN NAT LAB 1 - G. ULRIKSON, ORNL 1 - AGMED (RUTH GUSSMAN) Rm B-127 GT 1 - J. D. RUNKLES, Rm E-201 GT
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DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

February 19, 1975

Regulatory

File Cy.

Mr. Angelo Giambusso, Director  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

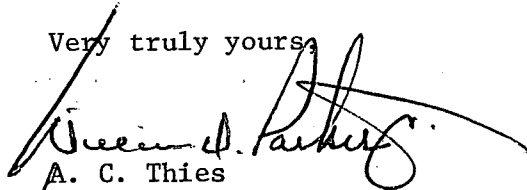


Re: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Mr. Giambusso:

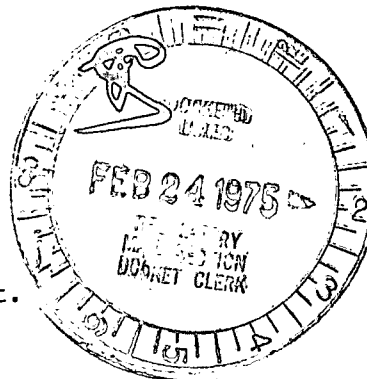
On February 13, 1975, eight of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 93,544 small fingerling fish, weighing 201 kilograms, had collected on the screens. The fish, averaging 2.1 grams per fish, were removed from the screens and categorized, 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 201 kilograms of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

  
A. C. Thies  
for

ACT:vr  
Enclosure

cc: Mr. H. J. Logan  
S. C. Wildlife & Marine Resources Dept.



Enclosure 1  
 Oconee Nuclear Station  
 Summary of Fish Impingement Data  
 Per Intake Screen  
 February 13, 1975

Screen 1A1

Total Fish Impinged - 5

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 3	2-4 cm - 4	Class 1 - 3	
Crappie - 2	8-10cm - 1	Class 2 - 2	---

Screen 1A2

Total Fish Impinged - 2

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentifiable - 2	2-4 cm - 2	Class 4 - 2	---

Screen 2A1

Total Fish Impinged - 18,957

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 3	2-4 cm - 6,125	Class 1 - 0	
Yellow Perch - 164	4-6 cm - 10,859	Class 2 - 5,989	40 kg
Threadfin Shad - 13,340	6-8 cm - 1,862	Class 3 - 7,518	
Unidentifiable - 5,450	8-10cm - 111	Class 4 - 5,450	

Screen 2A2

Total Fish Impinged - 6,293

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 73	2-4 cm - 1,287	Class 1 - 0	
Threadfin Shad - 4,006	4-6 cm - 4,333	Class 2 - 3,194	15 kg
Unidentifiable - 2,214	6-8 cm - 649	Class 3 - 885	
	8-10cm - 24		

Screen 3A1

Total Fish Impinged - 8,603

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 2,090	Class 1 - 0	
Yellow Perch - 27	4-6 cm - 5,259	Class 2 - 398	18 kg
Threadfin Shad - 3,532	6-8 cm - 1,195	Class 3 - 3,164	
Unidentifiable - 5,041	8-10cm - 59	Class 4 - 5,041	
Crappie - 2			

Screen 3A2

Total Fish Impinged - 8,690

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 38	2-4 cm - 2,238	Class 1 - 0	
Threadfin Shad - 5,786	4-6 cm - 5,308	Class 2 - 2,499	18 kg
Unidentifiable - 2,866	6-8 cm - 1,114	Class 3 - 3,325	
	8-10cm - 30	Class 4 - 2,866	

Enclosure 1 (Cont.)

Screen 1C1

Total Fish Impinged - 31,400

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin Shad - 16,300	2-4 cm - 5,900	Class 1 - 0	
Unidentifiable - 15,100	4-6 cm - 18,000	Class 2 - 17,200	72 kg
	6-8 cm - 7,500	Class 3 - 9,100	
		Class 4 - 15,100	

Screen 1C2

Total Fish Impinged - 19,594

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 44	2-4 cm - 3,900	Class 1 - 0	
Threadfin Shad - 10,125	4-6 cm - 10,400	Class 2 - 3,900	38 kg
Unidentifiable - 9,425	6-8 cm - 5,294	Class 3 - 10,400	
		Class 4 - 5,294	

\*Degrees of Decomposition

- Class 1 - No sign of decomposition
- Class 2 - Slightly decomposed
- Class 3 - Badly decomposed - identifiable
- Class 4 - Badly decomposed - unidentifiable