

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: **4345**

FILE: **ENVIOR.**

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 4-16-75	DATE REC'D 4-21-75	LTR XXX	TWX	RPT	OTHER
TO: A. Giambusso		ORIG 1 Signed	CC	OTHER	SENT AEC PDR XXXx SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP. INFO	INPUT	NO CYS REC'D 1.	DOCKET NO: 50-269/270/287		

DESCRIPTION:

Ltr. trans the following...

ENCLOSURES:

Abnorm. Occurr. on 4-10-75, concerning fish impingement data

DO NOT REMOVE

PLANT NAME: Oconee # 1/2/3

ACKNOWLEDGED

FOR ACTION/INFORMATION

VCR 4-21-75

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	VASSALLO (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

REG FILE NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) T.R. WILSON 3 STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	ENVIRO DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULDSBORNE (L) P. 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 BRATTMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

1 - LOCAL PDR <i>Walsh & S.C.</i>	1 - NATIONAL LAB ORNL	1 - PDR SAN/LA/NY
1 - TIC (ASERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON, ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
1 - ACRS HOLDING/SENT		

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

April 16, 1975

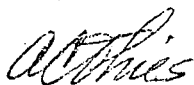
Mr. Angelo Giambusso, Director
Division of Reactor Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Dear Mr. Giambusso:

On April 10, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of approximately 6,000 small fingerling fish, weighing 15.2 kilograms, had collected on the screens. The fish, averaging 2.5 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 15.2 kilograms of fish had an insignificant effect on fisheries resources in Lake Keowee.

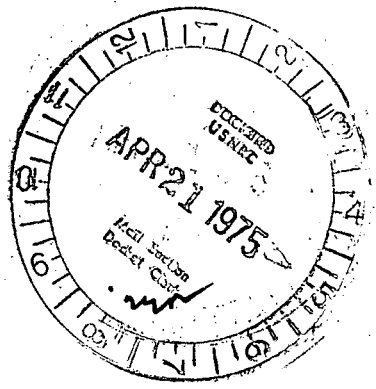
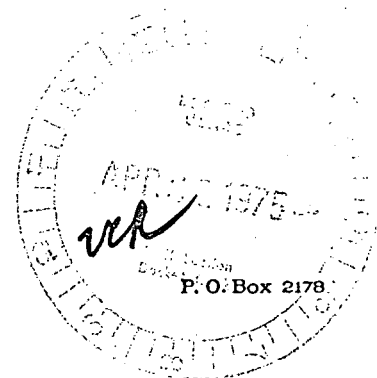
Very truly yours,



A. C. Thies

ACT:vr
Enclosure

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



Enclosure 1
Summary of Fish Impingement Data
Per Intake Screen
Oconee Nuclear Station
April 10, 1975

Screen 1A1

Total Fish Impinged - 2,825

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 375	2-4 cm - 946	Class 1 - 0	6.6 kg
Bluegill - 27	4-6 cm - 1,502	Class 2 - 286	
Crappie - 1	6-8 cm - 371	Class 3 - 579	
Threadfin Shad - 462	8-10cm - 6	Class 4 - 1,960	
Unidentifiable - 1,960			

Screen 1A2

Total Fish Impinged - 2,122

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 407	2-4 cm - 538	Class 1 - 1	5.6 kg
Bluegill - 29	4-6 cm - 1,003	Class 2 - 583	
Crappie - 2	6-8 cm - 575	Class 3 - 205	
Threadfin Shad - 351	8-10cm - 4	Class 4 - 1,333	
Unidentifiable - 1,333	10-12cm - 2		

Screen 2A1

No Fish Impinged

Screen 2A2

No Fish Impinged

Screen 3A1

Total Fish Impinged - 801

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 33	2-4 cm - 250	Class 1 - 2	2.0 kg
Bluegill - 7	4-6 cm - 420	Class 2 - 128	
Threadfin Shad - 356	6-8 cm - 131	Class 3 - 266	
Unidentifiable - 405		Class 4 - 405	

Screen 3A2

Total Fish Impinged - 388

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 34	2-4 cm - 111	Class 1 - 4	1.0 kg
Bluegill - 14	4-6 cm - 201	Class 2 - 111	
Threadfin Shad - 170	6-8 cm - 75	Class 3 - 103	
Unidentifiable - 170	10-12cm - 1	Class 4 - 170	

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