

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 3244

FILE: Enviro. File

FROM: Duke Power Co. Charlotte, N.C.			DATE OF DOC 3-21-75	DATE REC'D 3-29-75	LTR XX	TWX	RPT	OTHER
TO: A.C. Thies A. Giambusso			ORIG 1 Signed	CC	OTHER	SENT AEC PDR <u>XXX</u>		SENT LOCAL PDR <u>XXX</u>
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 3-14-75, concerning  
Summary of Fish Impingement Data per in-  
take Screen...

( 1 cy. Encl. rec'd )

**DO NOT REMOVE**

PLANT NAME: Oconee # 1-2-3-

**ACKNOWLEDGMENT**

FOR ACTION/INFORMATION

VCR

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
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INTERNAL DISTRIBUTION

<del>REG FILE</del> NRC PDR OGC, ROOM P-506A GOSSICK/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	DENTON 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) 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. BRAITMAN SALTZMAN MELTZ  PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON  <i>HANAUER</i>
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EXTERNAL DISTRIBUTION

1 - LOCAL PDR <i>Mathalla S.C.</i>	1 - NATIONAL LABS <i>ORNL</i>	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1) <del>(2)</del>	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 GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201
- ACRS HOLDING/SENT		GT

DUKE POWER COMPANY

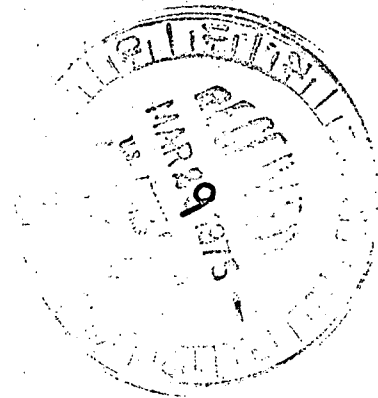
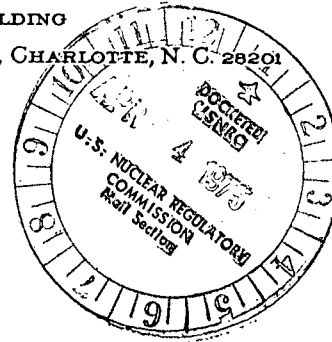
POWER BUILDING

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

A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

March 21, 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 March 14, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 30,000 small fingerling fish, weighing 66 kilograms, had collected on the screens. The fish, averaging 2.2 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 66 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.

3244

Enclosure 1

Summary of Fish Impingement Data

per Intake Screen

Oconee Nuclear Station

March 14, 1975

Screen #1A1

Total Fish Impinged 13,601

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight(kg)</u>
Bluegill - 3	2-4 cm - 2,876	Class 1 - 0	
Yellow Perch - 768	4-6 cm - 9,018	Class 2 - 1,608	28
Threadfin Shad - 3,619	6-8 cm - 1,606	Class 3 - 2,782	
Unidentifiable - 9,211	8-10cm - 101	Class 4 - 9,211	

Screen #1A2

Total Fish Impinged 11,547

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Crappie - 1	2-4 cm - 3,129	Class 1 - 0	
Pumpkinseed - 1	4-6 cm - 7,507	Class 2 - 4,283	27
Yellow Perch - 74	6-8 cm - 798	Class 2 - 991	
Threadfin Shad - 5,198	8-10cm - 113	Class 4 - 6,273	
Unidentifiable - 6,273			

Screen #2A1

Total Fish Impinged 2

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin Shad - 2	6-8 cm - 2	Class 2 - 2	.005

Screen #2A2

Total Fish Impinged 10

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin Shad - 10	6-8 cm - 10	Class 2 - 10	.03

Screen #3A1

Total Fish Impinged 2,118

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 13	2-4 cm - 735	Class 1 - 0	
Threadfin Shad - 2,105	4-6 cm - 1,130	Class 2 - 1	5
	6-8 cm - 251	Class 3 - 2,117	
	8-10cm - 2	Class 4 - 0	

Enclosure 1 (Cont'd.)

Screen #3A2

Total Fish Impinged - 2,711

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight (kg)</u>
Bluegill - 1	2-4 cm - 905	Class 1 - 0	
Yellow Perch - 6	4-6 cm - 1,559	Class 2 - 62	6
Threadfin Shad - 1,519	6-8 cm - 238	Class 3 - 1,464	
Unidentifiable - 1,185	8-10cm - 9	Class 4 - 1,185	

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