

**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...

PLANT NAME: Oconee # 1-2-3-

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

FOR ACTION/INFORMATION				VCR
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/3 Copies	LEAR (L) W/ Copies	
FARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPELS W/ Copies	
KNIEL (L) W/ Copies	PURPLE (L) W/3 Copies	YOUNGBLOOD (E) W/ Copies		

INTERNAL DISTRIBUTION				
<u>REG FILE</u> 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	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	<u>ENVIRO</u> DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> 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)	<u>A/T IND.</u> BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON <u>HANAUER</u>

EXTERNAL DISTRIBUTION		
1 - LOCAL PDR <u>Mathalla S.C.</u>	1 - NATIONAL LABS <u>ORNL</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 (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
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

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.

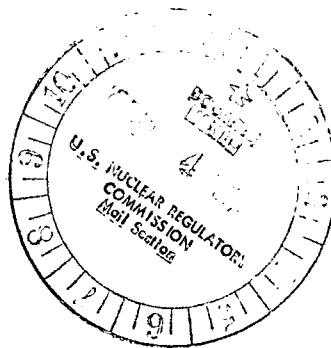
Very truly yours,



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

Species Composition

Bluegill - 3
 Yellow Perch - 768
 Threadfin Shad - 3,619
 Unidentifiable - 9,211

Size Groups

2-4 cm - 2,876
 4-6 cm - 9,018
 6-8 cm - 1,606
 8-10cm - 101

Decomposition*

Class 1 - 0
 Class 2 - 1,608
 Class 3 - 2,782
 Class 4 - 9,211

Weight (kg)

28

Screen #1A2

Total Fish Impinged 11,547

Species Composition

Crappie - 1
 Pumpkinseed - 1
 Yellow Perch - 74
 Threadfin Shad - 5,198
 Unidentifiable - 6,273

Size Groups

2-4 cm - 3,129
 4-6 cm - 7,507
 6-8 cm - 798
 8-10cm - 113

Decomposition

Class 1 - 0
 Class 2 - 4,283
 Class 2 - 991
 Class 4 - 6,273

Weight

27

Screen #2A1

Total Fish Impinged 2

Species Composition

Threadfin Shad - 2

Size Groups

6-8 cm - 2

Decomposition

Class 2 - 2

Weight

.005

Screen #2A2

Total Fish Impinged 10

Species Composition

Threadfin Shad - 10

Size Groups

6-8 cm - 10

Decomposition

Class 2 - 10

Weight

.03

Screen #3A1

Total Fish Impinged 2,118

Species Composition

Yellow Perch - 13
 Threadfin Shad - 2,105

Size Groups

2-4 cm - 735
 4-6 cm - 1,130
 6-8 cm - 251
 8-10cm - 2

Decomposition

Class 1 - 0
 Class 2 - 1
 Class 3 - 2,117
 Class 4 - 0

Weight

5

Enclosure 1 (Cont'd.)

Screen #3A2

Total Fish Impinged - 2,711

<u>Species</u>	<u>Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight (kg)</u>
Bluegill	- 1	2-4 cm - 905	Class 1 - 0	6
Yellow Perch	- 6	4-6 cm - 1,559	Class 2 - 62	
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