

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

CONTROL NO: 3763

FILE: Enviro

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 4-4-75	DATE REC'D 4-7-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. Angelo Gaimbusso		ORIG 1-signed	CC	OTHER	SENT AEC PDR xxx		
					SENT LOCAL PDR xxx		
CLASS	UNCLASS xxxxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269, 270, and 287		
DESCRIPTION: Ltr reporting on March 8, 1975 eight of the condenser cooling water intake screens at the Oconee Nuclear Station were inspected trans the following				ENCLOSURES: Enclosure L Summary of Fish Impingement Data per Intake Screen			
PLANT NAME: Oconee 1-2-3							

FOR ACTION/INFORMATION 4--8-75 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/3 Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPELS W/ Copies
KINIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	

INTERNAL DISTRIBUTION

<u>REG FILE</u> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE <u>REG OPR</u> 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	<input checked="" type="checkbox"/> DENTON GRIMES GAMMILL <input checked="" type="checkbox"/> KASTNER <input checked="" type="checkbox"/> BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN <input checked="" type="checkbox"/> PROJECT LDR HARLESS	<u>LIC ASST</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) <input checked="" type="checkbox"/> P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) <input checked="" type="checkbox"/> 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 <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON <input checked="" type="checkbox"/> HANAUER
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EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LOCAL PDR <u>Walhalla, S.C.</u>	<input checked="" type="checkbox"/> TIC (ABERNATHY) (1)(2)(10) - NATIONAL LABS <u>ORNL</u>	1 - PDR-SAN/LA/NY
<input checked="" type="checkbox"/> NSIC (BUCHANAN)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - ASLB	1 - CONSULTANTS	1 - G. ULRIKSON, ORNL
1 - Newton Anderson	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
- ACRS HOLDING/SENT		1 - J. D. RUNKLES, Rm E-201 GT

DUKE POWER COMPANY

POWER BUILDING

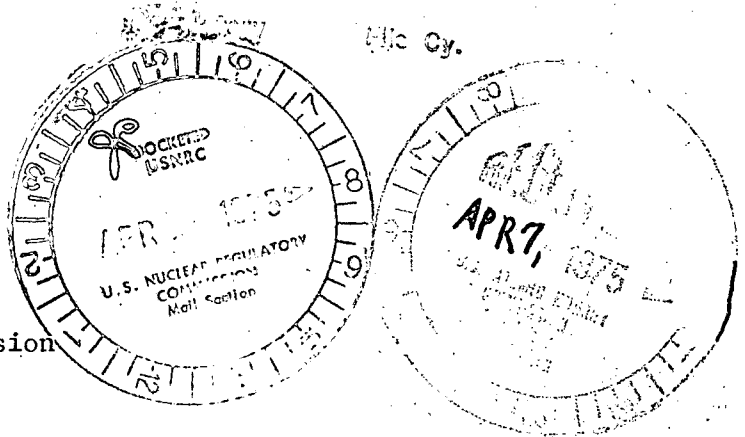
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

April 4, 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 28, 1975, eight of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of approximately 12,000 small fingerling fish, weighing 29.75 kilograms, had collected on the screens. The fish, averaging 2.3 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 29.75 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

March 28, 1975

Screen #1A1

Total Fish Impinged - 2,896

Species Composition

Bluegill - 61
 Yellow perch - 332
 Crappie - 1
 Threadfin shad - 806
 Unidentified - 1,696

Size Groups

2-4 cm - 1,133
 4-6 cm - 1,332
 6-8 cm - 356
 8-10cm - 75

Decomposition*

Class 1 - 1
 Class 2 - 484
 Class 3 - 715
 Class 4 - 1,696

Weight

6,400 gms

Screen #1A2

Total Fish Impinged - 2,561

Species Composition

Bluegill - 47
 Yellow perch - 259
 Catfish - 1
 Threadfin shad - 1,636
 Unidentified - 618

Size Groups

2-4 cm - 1,173
 4-6 cm - 1,095
 6-8 cm - 272
 8-10cm - 20
 20-22cm - 1

Decomposition

Class 1 - 0
 Class 2 - 790
 Class 3 - 1,153
 Class 4 - 618

Weight

6,300 gms

Screen #2A1

Total Fish Impinged - 2,856

Species Composition

Bluegill - 32
 Yellow perch - 177
 Threadfin shad - 300
 Unidentified - 2,347

Size Groups

2-4 cm - 1,380
 4-6 cm - 1,250
 6-8 cm - 223
 8-10cm - 3

Decomposition

Class 1 - 0
 Class 2 - 304
 Class 3 - 205
 Class 4 - 2,347

Weight

6,400 gms

Screen #2A2

Total Fish Impinged - 556

Species Composition

Bluegill - 27
 Yellow perch - 75
 Threadfin shad - 77
 Unidentified - 377

Size Groups

2-4 cm - 107
 4-6 cm - 311
 6-8 cm - 138

Decomposition

Class 1 - 1
 Class 2 - 121
 Class 3 - 57
 Class 4 - 377

Weight

1,600 gms

Screen #3A1

No fish observed

Screen #3A2

No fish observed

Enclosure 1 (Cont'd.)

Screen #3B1

Total Fish Impinged - 1,388

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 40	2-4 cm - 627	Class 1 - 5	2,850 gms
Yellow perch - 186	4-6 cm - 595	Class 2 - 349	
Crappie - 1	6-8 cm - 139	Class 3 - 204	
Threadfin shad - 331	8-10cm - 26	Class 4 - 830	
Unidentified - 830	10-12cm - 1		

Screen #3B2

Total Fish Impinged - 2,318

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 82	2-4 cm - 902	Class 1 - 0	6,200 gms
Yellow perch - 355	4-6 cm - 1,026	Class 2 - 509	
Largemouth bass - 1	6-8 cm - 324	Class 3 - 418	
Threadfin shad - 489	8-10cm - 64	Class 4 - 1,391	
Unidentified - 1,391	10-12cm - 2		

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