

AEC DISTRIBUTION FOR PART 50 DOCKET MATER
(TEMPORARY FORM)

CONTROL NO: 934

FILE: Enviro. AO

FROM: Duke Power Co. Charlotte, N.C. 28201 A. Thies		DATE OF DOC 1/23/75	DATE REC'D 1/28/75	LTR XX	TWX	RPT	OTHER
TO: A. Giambusso		ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XXX</u>		SENT LOCAL PDR <u>XXX</u>
CLASS	UNCLASS XX	PROP INFO	INPUT	NO CYS REC'D 1 signed	DOCKET NO: <u>50-2697270/287</u>		

DESCRIPTION:

Ltr trans the following:

PLANT NAME: Oconee

ENCLOSURES:

Summary of Fish Impingement Data Per Intake Screen 1/16/75

ACKNOWLEDGED DO NOT REMOVE

FOR ACTION/INFORMATION LDM 1/28/75

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	

INTERNAL DISTRIBUTION

✓ <u>REG FILE</u> AEC PDR OGC, ROOM P-506A [REDACTED] STAFF CASE <u>GOSSICK</u> GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) ✓ GOLLER (L) (Ltr) P. COLLINS DENISE ✓ REG OPR FILE & REGION (3) MORRIS STEELE	✓ <u>TECH REVIEW</u> ✓ SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	✓ DENTON GRIMES GAMMILL KASTNER ✓ BALLARD SPANGLER ✓ <u>ENVIRO</u> ✓ MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR ✓ <u>Scaletti</u> / 2 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)	<u>A/T IND</u> BRAITMAN SALTZMAN ABEL <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON D. THOMPSON (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

- | | | |
|--------------------------------------|--------------------------------|---|
| ✓ 1 - LOCAL PDR <u>Walhalla, SC</u> | 1 - NATIONAL LABS <u>ORNL</u> | 1 - PDR-SAN/LA/NY |
| ✓ 1 - TIC (ABERNATHY) (1) [REDACTED] | 1 - W. PENNINGTON, Rm E-201 GT | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (BUCHANAN) | 1 - CONSULTANTS | 1 - G. ULRICKSON, ORNL |
| 1 - ASLB | NEWMARK/BLUME/AGBABIAN | 1 - AGMED (RUTH GUSSMAN)
Rm B-127 GT |
| 1 - Newton Anderson | | 1 - R. D. MUELLER, Rm E-201
GT |
| ✓ 5 - ACRS [REDACTED] / SENT | | |
- Kreutzer 1-28*

BN

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

January 23, 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:

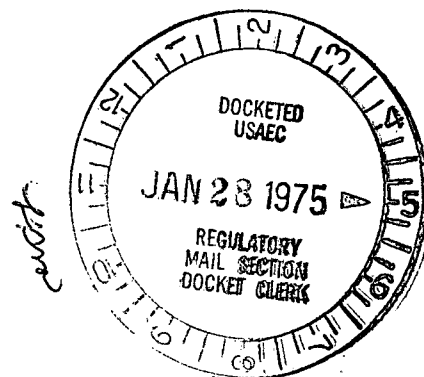
On January 16, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 5,086 small fingerling fish, weighing 10.5 kilograms, had collected on the screens. The fish, averaging 2.0 grams per fish, were removed from the screens and categorized, 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 10.5 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.



934

Regulatory

File Cy.

Enclosure 1
 Oconee Nuclear Station
 Summary of Fish Impingement Data
 Per Intake Screen
 January 16, 1975

Screen 1A1

Total Fish Impinged - 267

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 11	2-4 cm - 90	Class 1 - 0	
Yellow Perch - 27	4-6 cm - 78	Class 2 - 266	~ 580 gms
Threadfin Shad - 229	6-8 cm - 98	Class 3 - 1	
	10-12cm - 1	Class 4 - 0	

Screen 1A2

Total Fish Impinged - 295

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 94	Class 1 - 1	
Yellow Perch - 8	4-6 cm - 139	Class 2 - 241	~ 600 gms
Threadfin Shad - 262	6-8 cm - 61	Class 3 - 29	
Unidentifiable - 24	8-10cm - 0	Class 4 - 24	
	10-12cm - 1		

Screen 2A1

Total Fish Impinged - 4,261

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 24	2-4 cm - 1,223	Class 1 - 2	
Yellow Perch - 73	4-6 cm - 2,682	Class 2 - 1,819	~ 8,700 gms
Threadfin Shad - 3,600	6-8 cm - 348	Class 3 - 1,878	
Unidentifiable - 562	8-10cm - 5	Class 4 - 562	
Crappie - 2	10-12cm - 3		

Screen 2A2

Total Fish Impinged - 263

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 5	2-4 cm - 131	Class 1 - 0	
Yellow Perch - 12	4-6 cm - 109	Class 2 - 202	~ 575 gms
Threadfin Shad - 235	6-8 cm - 22	Class 3 - 50	
Unidentifiable - 11	8-10cm - 1	Class 4 - 11	

Screen 3A1

Total Fish Impinged - 0

Screen 3A2

Total Fish Impinged - 0

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