

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 12641

FILE: \_\_\_\_\_

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 12-13-74	DATE REC'D 12-16-74	LTR xxx	TWX	RPT	OTHER
TO: Mr. Angelo Giambusso		ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>XXXXX</u> SENT LOCAL PDR <u>XXXXX</u>		
CLASS	UNCLASS XXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269, 270, & 287		

DESCRIPTION:

Ltr reporting Environmental Abnormal Occurrence 12-5-74 concerning six of the 24 condenser cooling water ( CCW ) intake screens at the Oconee Nuclear Station..... Trans the following:

ENCLOSURES:

Enclosure 1  
Oconee Nuclear Station  
Summary of Fish Impingement Data From Intake Screen

Dec, 5, 1974

**ACKNOWLEDGED**  
**DO NOT REMOVE**

PLANT NAME: Oconee 1-2-3

FOR ACTION/INFORMATION 12-16-74 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/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

<u>REG FILE</u> AEC PDR OSC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE REG OPR FILE & REGION (2) MORRIS STEELE	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLIMER	<u>ENVIRO</u> DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR (2) Sc. Albert HARLESS	<u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WILLIAMS (E) WILSON (L)	<u>A/T IND</u> BRAITHIAN SALTZMAN B. HURT  <u>PLANS</u> MCDONALD CHAPMAN DUBE w/input E. COUPE  D. THOMPSON (2) KLECKER EISENHUT
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EXTERNAL DISTRIBUTION

Wailhalla, S.C.

LOCAL PDR	NATIONAL LABS	PDR SAN/LA/NY
TIC (ABERNATHY)	ASLB (E W Bldg, Rm 529)	BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	W. PENNINGTON, Rm E-201 GT	G. ULRIKSON, OALL
1 - ASLB	B&M SHINEDROAD, Rm E-201 GT	AGMED (RUTH GUSMAN)
1 - Newton Anderson	CONSULTANTS	Rm B-127 GT
1 - ACRS	NEWMARK, BLUME AGSABIAN	R. D. WUELLER, Rm E-201 GT

SENT to Lic Asst

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

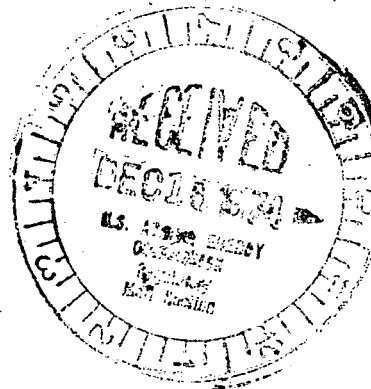
A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

Regulatory

File Cy: P. O. Box 2178

December 13, 1974

Mr. Angelo Giambusso  
Deputy Director for Reactor Projects  
Directorate of Licensing  
Office of Regulation  
U. S. Atomic Energy Commission  
Washington, D. C. 20545



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

Dear Mr. Giambusso:

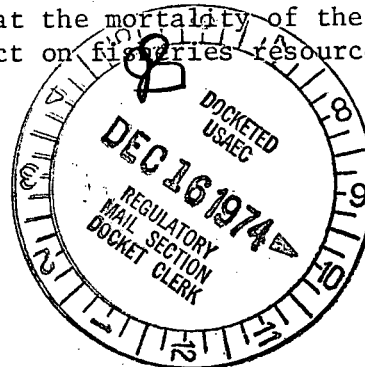
On December 5, 1974, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 695 small fingerling fish, weighing 1,500 grams, had collected on the screens. The fish, averaging 2.15 grams per fish, were removed from the screens and categorized, 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 1,500 grams of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

*A. C. Thies*

A. C. Thies

ACT:vr  
Enclosure



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

12641

## Enclosure 1

## Oconee Nuclear Station

## Summary of Fish Impingement Data Per Intake Screen

December 5, 1974

## Screen 2A1

Total Fish Impinged - 207

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 36	2-4 cm - 30	Class 1 - 0	
Yellow Perch - 11	4-6 cm - 154	Class 2 - 40	~ 450 gms
Largemouth Bass - 2	6-8 cm - 19	Class 3 - 69	
Crappie - 1	8-10cm - 3	Class 4 - 98	
Threadfin Shad - 59	10-12cm - 1		
Unidentifiable - 98			

## Screen 2A2

Total Fish Impinged - 419

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 61	2-4 cm - 67	Class 1 - 1	
Yellow Perch - 22	4-6 cm - 291	Class 2 - 12	~ 900 gms
Crappie - 3	6-8 cm - 52	Class 3 - 158	
Threadfin Shad - 85	8-10cm - 7	Class 4 - 248	
Unidentifiable - 248	10-12cm - 1		
	12-14cm - 1		

## Screen 3A1

Total Fish Impinged - 30

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 2	2-4 cm - 6	Class 1 - 0	
Yellow Perch - 4	4-6 cm - 14	Class 2 - 5	~ 75 gms
Largemouth Bass - 1	6-8 cm - 9	Class 3 - 7	
Threadfin Shad - 5	10-12cm - 1	Class 4 - 18	
Unidentifiable - 18			

## Screen 3A2

Total Fish Impinged - 39

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 2	2-4 cm - 14	Class 1 - 0	
Yellow Perch - 1	4-6 cm - 16	Class 2 - 5	~ 75 gms
Threadfin Shad - 5	6-8 cm - 9	Class 3 - 3	
Unidentifiable - 31		Class 4 - 31	

Screen 3B1

No fish impinged

Screen 3B2

No fish impinged

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