

**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 xxxxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-269</u> , 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 Ocohee Nuclear Station Summary of Fish Impingement Data Per 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/ 2 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

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

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LOCAL PDR <input checked="" type="checkbox"/> TIC (ABERNATHY) <u>(1) (2) (10)</u> 1 - NSIC (BUCHANAN) 1 - ASLB 1 - Newton Anderson <input checked="" type="checkbox"/> ACRS XXXX SENT to Lic Asst	Walhalla, S.C. NATIONAL LABS <u>OPEN</u> 1 - ASLB (IE W Bldg, Rm 529) <input checked="" type="checkbox"/> W. PENNINGTON, Rm E-201 GT 1 - B&M SWINEBROAD, Rm E-201 GT 1 - CONSULTANTS NEWMARK/BLUME/AGSABIAN	1 - PDR SAN/LA/NY 1 - BROOKHAVEN NAT LAB 1 - G. ULRIKSON, ORNL 1 - AGMED (RUTH GUSMAN) Rm B-127 GT 1 - R. D. MUELLER, 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

Regulatory

File Cy.

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.

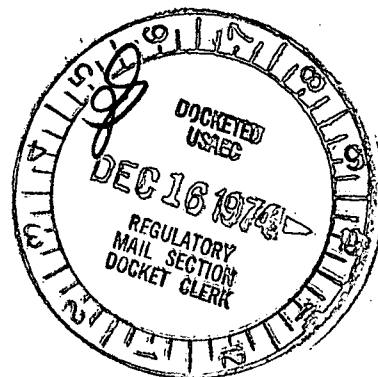
Very truly yours,

A handwritten signature in cursive script that reads "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	~ 450 gms
Yellow Perch - 11	4-6 cm - 154	Class 2 - 40	
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	~ 900 gms
Yellow Perch - 22	4-6 cm - 291	Class 2 - 12	
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	~ 75 gms
Yellow Perch - 4	4-6 cm - 14	Class 2 - 5	
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	~ 75 gms
Yellow Perch - 1	4-6 cm - 16	Class 2 - 5	
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