

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 12168  
FILE: ENVIRO

FROM: Duke Power Company Charlotte, N.C. 28201 A.C. Thies		DATE OF DOC 11-29-74	DATE REC'D 12-2-74	LTR X	TWX	RPT	OTHER
TO: Mr. A. Giambusso		ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269/270 <u>287</u>		
DESCRIPTION: Ltr adv of fish weighing 1,150 grams collecting on the screens & trans:				ENCLOSURES: Oconee Nuclear Station Summary of Fish Impingement Data Per Intake Screen Dated Nov. 21, 1974.....			
PLANT NAME: Oconee Units 1,2&3				<p align="right"><b>ACKNOWLEDGED</b></p> <p align="right"><b>Do Not Remove</b></p>			

FOR ACTION INFORMATION DHL 12-2-74

- |                         |                            |                             |                        |
|-------------------------|----------------------------|-----------------------------|------------------------|
| BUTLER (L)<br>W/ Copies | SCHWENGER (L)<br>W/ Copies | ZIEMANN (L)<br>W/ Copies    | REGAN (E)<br>W/ Copies |
| CLARK (L)<br>W/ Copies  | STOLZ (L)<br>W/ Copies     | DICKER (E)<br>W/ 2 Copies   | LEAR (L)<br>W/ Copies  |
| PARR (L)<br>W/ Copies   | VASSALLO (L)<br>W/ Copies  | KNIGHTON (E)<br>W/ Copies   | W/ Copies              |
| KNIEL (L)<br>W/ Copies  | PURPLE (L)<br>W/ Copies    | YOUNGBLOOD (E)<br>W/ Copies | W/ Copies              |

INTERNAL DISTRIBUTION

- |                     |             |               |                |                    |
|---------------------|-------------|---------------|----------------|--------------------|
| <u>REG FILE 231</u> | TECH REVIEW | ✓ EYTON       | LIC ASST       | A. TIND            |
| ✓ AEC PDR           | ✓ SCHROEDER | GRIMES        | DIGGS (L)      | BRATTMAN           |
| OGC, ROOM P-803A    | MACCARY     | GAMMILL       | GEARIN (L)     | SALTZMAN           |
| ✓ MUNTZING STAFF    | KNIGHT      | ✓ KASTNER     | GOULBOURNE (L) | B. HURT            |
| CASE                | PAWLICKI    | ✓ BALLARD     | ✓ KREUTZER (E) | PLANS              |
| GIAMBUSSO           | SHAO        | SPANGLER      | LEE (L)        | MCDONALD           |
| BOYD                | STELLO      | ENVIRO        | MAIGRET (L)    | CHAPMAN            |
| MOORE (L) (BWR)     | HOUSTON     | ✓ MULLER      | REED (E)       | DUDEWITZ           |
| DEYOUNG (L) (PWR)   | NOVAK       | DICKER        | SERVICE (L)    | E. COUPE           |
| SKOVHOLT (L)        | ROSS        | KNIGHTON      | ✓ SHEPPARD (L) | D. THOMPSON (C)    |
| ✓ GOLLER (L)        | IPPOLITO    | YOUNGBLOOD    | SLATER (E)     | KLECKER            |
| P. COLLINS          | TEDESCO     | REGAN         | SMITH (L)      | EISENHUT           |
| DENISE              | LONG        | ✓ PROJECT LDR | TEETS (L)      | ✓ PURPLE / Ziemann |
| ✓ REG OPR           | LAINAS      | SCALLETTI     | WILLIAMS (E)   |                    |
| FILE & REGION (3)   | BENAROYA    | HARLESS       | WILSON (L)     |                    |
| MORRIS              | VOLIMER     |               |                |                    |
| STEELE              |             |               |                |                    |

EXTERNAL DISTRIBUTION

- |                            |                              |                        |
|----------------------------|------------------------------|------------------------|
| ✓ LOCAL PDR Walhalla, S.C. | ✓ NATIONAL LABS ORNL         | 1 - PDR SAN LARRY      |
| ✓ TIC (ALTERNATIVE)        | ✓ ASLBY E. Bldg, Rm 503      | 1 - BROOKHAVEN NAT LAB |
| ✓ NSIC (BUCHANAN)          | ✓ V. PENNINGTON, Rm E-201 GT | 1 - G. ULANSON, OHL    |
| 1 - ASLB                   | ✓ BEN SHIMMROAD, Rm E-201 GT | 1 - AGNES BROTHMAN     |
| 1 - HERTON                 | ✓ CONSULTANTS                | Rm B-107 GT            |
| ✓ FACTS SENT TO            | NEWARK DUANE ASBANNIAN       | 1 - R. D. MOELLER      |
| ITC ASST. KREUTZER 12-2-74 |                              |                        |

DUKE POWER COMPANY

POWER BUILDING

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

Regulatory

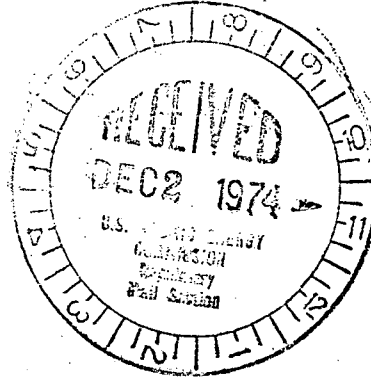
Reg. Cy.

A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

November 29, 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:

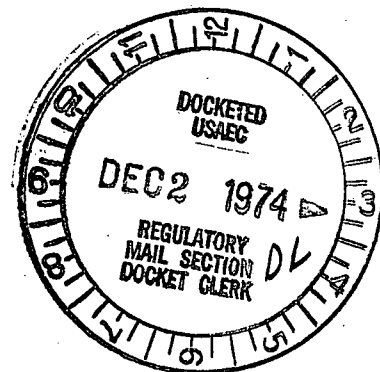
On November 21, 1974, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 685 small fingerling fish, weighing 1,150 grams, had collected on the screens. The fish, averaging 1.7 grams per fish, were removed from the screens and categorized, 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 1,150 grams of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

A. C. Thies

ACT:gje  
Enclosure

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



12168

Enclosure 1

Regulatory

Co.

OCONEE NUCLEAR STATION  
SUMMARY OF FISH IMPINGEMENT  
DATA PER INTAKE SCREEN

November 21, 1974

Received w/ Ltr Dated 11-29-74

Screen 1-A-1

Total Fish Impinged - 483

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 51	2-4 cm - 333	Class 1 - 18	~ 800 gms
Yellow Perch - 14	4-6 cm - 115	Class 2 - 277	
Threadfin Shad - 243	6-8 cm - 24	Class 3 - 16	
Largemouth Bass - 1	8-10cm - 3	Class 4 - 172	
Crappie - 2	10-12cm - 8		
Unidentified - 172			

Screen 2-A-2

Total Fish Impinged - 30

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 1	2-4 cm - 17	Class 1 - 0	~ 50 gms
Threadfin Shad - 2	4-6 cm - 12	Class 2 - 1	
Unidentified - 27	6-8 cm - 1	Class 3 - 2	
		Class 4 - 27	

Screen 3-A-1

Total Fish Impinged - 77

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 5	2-4 cm - 3	Class 1 - 16	~ 125 gms
Yellow Perch - 18	4-6 cm - 47	Class 2 - 8	
Threadfin Shad - 5	6-8 cm - 27	Class 3 - 4	
Unidentified - 49		Class 4 - 49	

Screen 3-A-2

Total Fish Impinged - 95

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 20	2-4 cm - 22	Class 1 - 5	~ 175 gms
Yellow Perch - 27	4-6 cm - 61	Class 2 - 46	
Threadfin Shad - 23	6-8 cm - 10	Class 3 - 20	
Unidentified - 24	10-12cm - 1	Class 4 - 24	
Crappie - 1	12-14cm - 1		

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