

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 2107

FILE: Enviro

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 2-19-75	DATE REC'D 2-24-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. Angelo Giambusso		ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>xxx</u>		SENT LOCAL PDR <u>xxx</u>
CLASS	UNCLASS xxxxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269 (270) and 287		

DESCRIPTION:

Ltr trans the following:

PLANT NAME: Oconee 1-3

ENCLOSURES:

Environmental Abnormal Occurrence on 2-13-75 concerning Fish Impingement Data

DO NOT REMOVE

FOR ACTION/INFORMATION 2-24-75 JGB

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BENAROYA
VOLLMER | <input checked="" type="checkbox"/> DENTON
GRIMES
GAMMILL
KASTNER
<input checked="" type="checkbox"/> BALLARD
SPANGLER

<u>ENVIRO</u>
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DICKER
KNIGHTON
YOUNGBLOOD
REGAN
<input checked="" type="checkbox"/> PROJECT LDR (2)
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E. GOULBOURNE (L)
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M. SERVICE (L)
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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

Gm |
|--|---|---|---|---|

EXTERNAL DISTRIBUTION

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

DUKE POWER COMPANY

POWER BUILDING

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

Regulatory

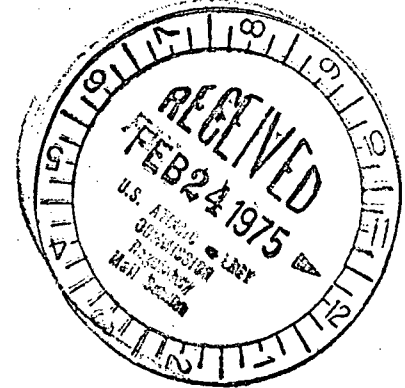
File Cy.

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

February 19, 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:

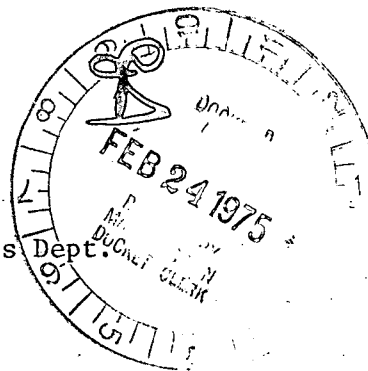
On February 13, 1975, eight of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 93,544 small fingerling fish, weighing 201 kilograms, had collected on the screens. The fish, averaging 2.1 grams per fish, were removed from the screens and categorized, 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 201 kilograms of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

A. C. Thies
A. C. Thies
ACT

ACT:vr
Enclosure

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



Enclosure 1
 Oconee Nuclear Station
 Summary of Fish Impingement Data
 Per Intake Screen
 February 13, 1975

Screen 1A1

Total Fish Impinged - 5

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 3	2-4 cm - 4	Class 1 - 3	
Crappie - 2	8-10cm - 1	Class 2 - 2	---

Screen 1A2

Total Fish Impinged - 2

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentifiable - 2	2-4 cm - 2	Class 4 - 2	---

Screen 2A1

Total Fish Impinged - 18,957

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 3	2-4 cm - 6,125	Class 1 - 0	
Yellow Perch - 164	4-6 cm - 10,859	Class 2 - 5,989	40 kg
Threadfin Shad - 13,340	6-8 cm - 1,862	Class 3 - 7,518	
Unidentifiable - 5,450	8-10cm - 111	Class 4 - 5,450	

Screen 2A2

Total Fish Impinged - 6,293

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 73	2-4 cm - 1,287	Class 1 - 0	
Threadfin Shad - 4,006	4-6 cm - 4,333	Class 2 - 3,194	15 kg
Unidentifiable - 2,214	6-8 cm - 649	Class 3 - 885	
	8-10cm - 24		

Screen 3A1

Total Fish Impinged - 8,603

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 2,090	Class 1 - 0	
Yellow Perch - 27	4-6 cm - 5,259	Class 2 - 398	18 kg
Threadfin Shad - 3,532	6-8 cm - 1,195	Class 3 - 3,164	
Unidentifiable - 5,041	8-10cm - 59	Class 4 - 5,041	
Crappie - 2			

Screen 3A2

Total Fish Impinged - 8,690

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 38	2-4 cm - 2,238	Class 1 - 0	
Threadfin Shad - 5,786	4-6 cm - 5,308	Class 2 - 2,499	18 kg
Unidentifiable - 2,866	6-8 cm - 1,114	Class 3 - 3,325	
	8-10cm - 30	Class 4 - 2,866	

Enclosure 1 (Cont.)

Screen 1C1

Total Fish Impinged - 31,400

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin Shad - 16,300	2-4 cm - 5,900	Class 1 - 0	72 kg
Unidentifiable - 15,100	4-6 cm - 18,000	Class 2 - 7,200	
	6-8 cm - 7,500	Class 3 - 9,100	
		Class 4 - 15,100	

Screen 1C2

Total Fish Impinged - 19,594

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow Perch - 44	2-4 cm - 3,900	Class 1 - 0	38 kg
Threadfin Shad - 10,125	4-6 cm - 10,400	Class 2 - 3,900	
Unidentifiable - 9,425	6-8 cm - 5,294	Class 3 - 10,400	
		Class 4 - 5,294	

*Degrees of Decomposition

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