

CONTROL NO: 4345
FILE: ENVIOR.

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 4-16-75	DATE REC'D 4-21-75	LTR XXX	TWX	RPT	OTHER
TO: A. Giambusso		ORIG 1 Signed	CC	OTHER	SENT AEC PDR <u>XXXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXX	PROP. INFO	INPUT	NO CYS REC'D 1.	DOCKET NO: 50-269/270 <u>(287)</u>		

DESCRIPTION:

Ltr. trans the following:...

PLANT NAME: Oconee # 1/2/3

ENCLOSURES:

Abnorm. Occurr. on 4-10-75, concerning fish impingement data

DO NOT REMOVE

ACKNOWLEDGED

FOR ACTION/INFORMATION

VCR 4-21-75

- | | | | |
|-------------------------|----------------------------|-----------------------------|------------------------|
| 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 | W/ Copies |

INTERNAL DISTRIBUTION

- | | | | | |
|---|--|--|--|--|
| <u>REG FILE</u>
NRC PDR
OGC, ROOM P-506A
GOSSICK/STAFF
CASE
GIAMBUSSO
BOYD
MOORE (L)
DEYOUNG (L)
SKOVHOLT (L)
GOLLER (L) (Ltr)
P. COLLINS
DENISE
REG OPR
FILE & REGION (2)
T.R. WILSON 3
STEELE | <u>TECH REVIEW</u>
SCHROEDER
MACCARY
KNIGHT
PAWLICKI
SHAO
STELLO
HOUSTON
NOVAK
ROSS
IPPOLITO
TEDESCO
LONG
LAINAS
BENAROYA
VOLLMER | <u>ENVIRO</u>
DENTON
GRIMES
GAMMILL
KASTNER
BALLARD
SPANGLER
MULLER
DICKER
KNIGHTON
YOUNGBLOOD
REGAN
PROJECT LDR
<u>M. Orr</u>
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)
R. INGRAM (L) | <u>A/T IND.</u>
BRATTMAN
SALTZMAN
MELTZ

<u>PLANS</u>
MCDONALD
CHAPMAN
DUBE (Ltr)
E. COUPE
PETERSON
HARTFIELD (2)
KLECKER
EISENHUT
WIGGINTON |
|---|--|--|--|--|

EXTERNAL DISTRIBUTION

- | | | |
|-----------------------------------|--------------------------------|---|
| 1 - LOCAL PDR <u>Waltham S.C.</u> | 1 - NATIONAL LASS <u>ORNL</u> | 1 - PDR-SAN/LA/NY |
| 1 - TIC (ABERNATHY) (1)(2)(10) | 1 - W. PENNINGTON, Rm E-201 GT | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (BUCHANAN) | 1 - CONSULTANTS | 1 - G. ULRIKSON, ORNL |
| 1 - ASLB | NEWMARK/BLUME/AGBABIAN | 1 - AGMED (RUTH GUSSMAN)
Rm B-127 GT |
| 1 - Newton Anderson | | 1 - J.D. RUNKLES, Rm E-201
GT |
| -- ACRS HOLDING/SENT | | |

DUKE POWER COMPANY

POWER BUILDING

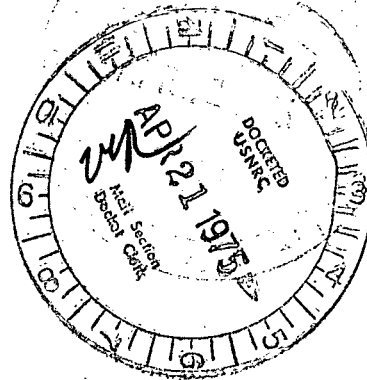
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION



April 16, 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 April 10, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of approximately 6,000 small fingerling fish, weighing 15.2 kilograms, had collected on the screens. The fish, averaging 2.5 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 15.2 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.

4345

Enclosure 1

Summary of Fish Impingement Data

Per Intake Screen

Oconee Nuclear Station

April 10, 1975

Screen 1A1

Total Fish Impinged - 2,825

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 375	2-4 cm - 946	Class 1 - 0	6.6 kg
Bluegill - 27	4-6 cm - 1,502	Class 2 - 286	
Crappie - 1	6-8 cm - 371	Class 3 - 579	
Threadfin Shad - 462	8-10cm - 6	Class 4 - 1,960	
Unidentifiable - 1,960			

Screen 1A2

Total Fish Impinged - 2,122

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 407	2-4 cm - 538	Class 1 - 1	5.6 kg
Bluegill - 29	4-6 cm - 1,003	Class 2 - 583	
Crappie - 2	6-8 cm - 575	Class 3 - 205	
Threadfin Shad - 351	8-10cm - 4	Class 4 - 1,333	
Unidentifiable - 1,333	10-12cm - 2		

Screen 2A1

No Fish Impinged

Screen 2A2

No Fish Impinged

Screen 3A1

Total Fish Impinged - 801

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 33	2-4 cm - 250	Class 1 - 2	2.0 kg
Bluegill - 7	4-6 cm - 420	Class 2 - 128	
Threadfin Shad - 356	6-8 cm - 131	Class 3 - 266	
Unidentifiable - 405		Class 4 - 405	

Screen 3A2

Total Fish Impinged - 388

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 34	2-4 cm - 111	Class 1 - 4	1.0 kg
Bluegill - 14	4-6 cm - 201	Class 2 - 111	
Threadfin Shad - 170	6-8 cm - 75	Class 3 - 103	
Unidentifiable - 170	10-12cm - 1	Class 4 - 170	

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