

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 3244

FILE: Enviro. File

| | | | | | | | | |
|---|----------------|-----------|------------------------|-----------------------|-----------|---------------------------------------|-----|---------------------------|
| FROM: Duke Power Co. Charlotte, N.C. | | | DATE OF DOC 3-21-75 | DATE REC'D 3-29-75 | LTR XX | TWX | RPT | OTHER |
| TO: A.C. Thies A. Giambusso | | | ORIG 1 Signed | CC | OTHER | SENT AEC PDR <u>XXX</u> | | SENT LOCAL PDR <u>XXX</u> |
| CLASS | UNCLASS XXX | PROP INFO | INPUT | NO CYS REC'D 1 | | DOCKET NO: 50-269 <u>(270)</u> 287 | | |

DESCRIPTION:
Ltr. trans the following...

PLANT NAME: Oconee # 1-2-3-

ENCLOSURES:
Abnorm. Occurr. on 3-14-75, concerning
Summary of Fish Impingement Data per in-
take Screen...

(1 cy. Encl. rec'd)

DO NOT REMOVE

ACKING REQUIRED

FOR ACTION/INFORMATION

VCR

| | | | |
|-------------------------|----------------------------|-----------------------------|------------------------|
| 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/3 Copies | LEAR (L) W/ Copies |
| FARR (L) W/ Copies | VASSALLO (L) W/ Copies | KNIGHTON (E) W/ Copies | SPELS W/ Copies |
| KNIEL (L) W/ Copies | PURPLE (L) W/3 Copies | YOUNGBLOOD (E) W/ Copies | |

INTERNAL DISTRIBUTION

| | | | | |
|---|--|--|--|--|
| <u>REG FILE</u> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE <u>REG OPR</u> FILE & REGION (2) T.R. WILSON 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 ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR <i>Scalotti</i> 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> BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON <i>HAN AVEN</i> |
|---|--|--|--|--|

EXTERNAL DISTRIBUTION

| | | |
|--|--|--|
| <i>Malhalla S.C.</i> 1 - LOCAL PDR 1 - TIC (ABERNATHY) (1) (2) 1 - NSIC (BUCHANAN) 1 - ASLB 1 - Newton Anderson - ACRS HOLDING/SENT | 1 - NATIONAL LABS <i>ORNL</i> 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

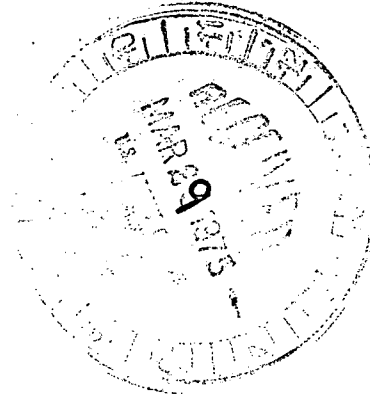
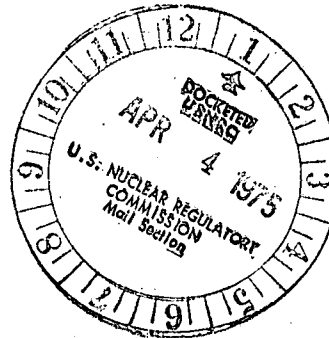
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

March 21, 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 March 14, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 30,000 small fingerling fish, weighing 66 kilograms, had collected on the screens. The fish, averaging 2.2 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 66 kilograms of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

A handwritten signature in cursive script, appearing to read "A. C. Thies".

A. C. Thies

ACT:vr
Enclosure

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

3244

Enclosure 1

Summary of Fish Impingement Data
per Intake Screen
Oconee Nuclear Station
March 14, 1975

Screen #1A1

Total Fish Impinged 13,601

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition*</u> | <u>Weight(kg)</u> |
|----------------------------|--------------------|-----------------------|-------------------|
| Bluegill - 3 | 2-4 cm - 2,876 | Class 1 - 0 | |
| Yellow Perch - 768 | 4-6 cm - 9,018 | Class 2 - 1,608 | 28 |
| Threadfin Shad - 3,619 | 6-8 cm - 1,606 | Class 3 - 2,782 | |
| Unidentifiable - 9,211 | 8-10cm - 101 | Class 4 - 9,211 | |

Screen #1A2

Total Fish Impinged 11,547

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Crappie - 1 | 2-4 cm - 3,129 | Class 1 - 0 | |
| Pumpkinseed - 1 | 4-6 cm - 7,507 | Class 2 - 4,283 | 27 |
| Yellow Perch - 74 | 6-8 cm - 798 | Class 2 - 991 | |
| Threadfin Shad - 5,198 | 8-10cm - 113 | Class 4 - 6,273 | |
| Unidentifiable - 6,273 | | | |

Screen #2A1

Total Fish Impinged 2

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Threadfin Shad - 2 | 6-8 cm - 2 | Class 2 - 2 | .005 |

Screen #2A2

Total Fish Impinged 10

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Threadfin Shad - 10 | 6-8 cm - 10 | Class 2 - 10 | .03 |

Screen #3A1

Total Fish Impinged 2,118

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Yellow Perch - 13 | 2-4 cm - 735 | Class 1 - 0 | |
| Threadfin Shad - 2,105 | 4-6 cm - 1,130 | Class 2 - 1 | 5 |
| | 6-8 cm - 251 | Class 3 - 2,117 | |
| | 8-10cm - 2 | Class 4 - 0 | |

Enclosure 1 (Cont'd.)

Screen #3A2

Total Fish Impinged - 2,711

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight (kg)</u> |
|----------------------------|--------------------|----------------------|--------------------|
| Bluegill - 1 | 2-4 cm - 905 | Class 1 - 0 | |
| Yellow Perch - 6 | 4-6 cm - 1,559 | Class 2 - 62 | 6 |
| Threadfin Shad - 1,519 | 6-8 cm - 238 | Class 3 - 1,464 | |
| Unidentifiable - 1,185 | 8-10cm - 9 | Class 4 - 1,185 | |

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