

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: <u>(50-269)270/287</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 | | | | (1 cy encl rec'd) | | | |

ACKNOWLEDGED

Do Not Remove

FOR ACTION/INFORMATION DHL 12-2-74

| | | | |
|-------------------------|----------------------------|-----------------------------|------------------------|
| 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

| | | | | |
|---|---|---|--|---|
| <u>REG FILE (3)</u> AEC PDR OGC, ROOM P-508A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE REG OPR FILE & REGION (3) MORRIS STEELE | TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLIMER | ✓ BENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO ✓ MULLER DICKER KNIGHTON YOUNGBLOOD REGAN ✓ PROJECT LDR SCALLETI HARLESS | LIC ASST DIGGS (L) GEARIN (L) GOULBOURNE (L) ✓ KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) ✓ 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 ✓ PURPLE/ZIEMANN |
|---|---|---|--|---|

EXTERNAL DISTRIBUTION

| | | |
|----------------------------------|----------------------------------|---------------------------|
| ✓ LOCAL PDR <u>Walhalla, S.C</u> | ✓ NATIONAL LABS ORNL | 1 - PDR SAN LARRY |
| ✓ TIC (ABERNATHY) (1) | 1 - ASLDR (E) W/ DHR, Rm 5201 | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (DUCHANAN) | ✓ W. PENNINGTON, Rm E-201 GT | 1 - G. ULRIKSON, ORNL |
| 1 - ASLB | 1 - B&N S.WINEBROAD, Rm E-201 GT | 1 - AGMED (RUTH GUSMAN) |
| ✓ Navton Anderson | 1 - CONSULTANTS | 1 - R. D. MUELLER (E) ECT |
| ✓ ACRS <u>SENT TO</u> | NEWARK BLUME AGBABIAN | GT |
| LIC ASST. KREUTZER 12-2-74 | | |

Enviro JK

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

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

~~RECEIVED~~ ~~DEC 2~~

Dear Mr. Giambusso:

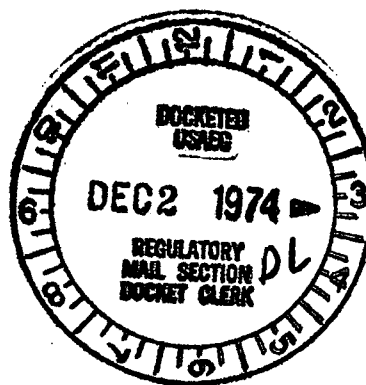
On November 21, 1974, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 685 small fingerling fish, weighing 1,150 grams, had collected on the screens. The fish, averaging 1.7 grams per fish, were removed from the screens and categorized,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

500 Cy.

OCONEE NUCLEAR STATION
SUMMARY OF FISH IMPINGEMENT
DATA PER INTAKE SCREEN

November 21, 1974

Received With Entry 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