

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 8918

FILE: Enviro

| | | | | | | | |
|--|-----------------|------------------------|-----------------------|---|-----------------------------------|-----|-------|
| FROM: Duke Power Co. Charlotte, N.C. William O. Parker, Jr | | DATE OF DOC 8-19-75 | DATE REC'D 8-21-75 | LTR xxx | TWX | RPT | OTHER |
| TO: Mr. Roger S. Boyd | | ORIG 1-signed | CC | OTHER | SENT NRC PDR xxx | | |
| | | | | | SENT LOCAL PDR xx | | |
| CLASS | UNCLASS xxxx | PROP INFO | INPUT | NO CYS REC'D | DOCKET NO: 50-269, 270 and 287 | | |
| DESCRIPTION: Ltr trans the following: | | | | ENCLOSURES: Enclosure I- Summary of Fish Impingement Data Per Intake Screen Oconee Nuclear Station August 14, 1975 | | | |
| PLANT NAME: Oconee 1-2-3 | | | | <p align="center">ACKNOWLEDGED</p> <p align="center">DO NOT REMOVE</p> | | | |
| FOR ACTION/INFORMATION | | | | | | | |

8-22-75 JGB

| | | | | |
|-------------------------|------------------------------------|------------------------------------|------------------------|-----------------------|
| BUTLER (L) W/ Copies | SCHWENCER (L) W/ Copies | ZIEMANN (L) W/ Copies | REGAN (E) W/ Copies | REID (L) 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 | SPIES W/ Copies | |
| KNIEL (L) W/ Copies | PURPLE (L) W/ Copies | YOUNGBLOOD (E) W/ Copies | LPM W/ Copies | |

INTERNAL DISTRIBUTION

| | | | | |
|--|---|---|---|--|
| REG FILE 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) MPC | TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO COLLINS LAINAS BENAROYA VOLLMER | DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS | LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) KREUTZER (E) J. LEE (L) M. RUSHBROOK (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) M. DUNCAN (E) | A/T IND. BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON |
|--|---|---|---|--|

EXTERNAL DISTRIBUTION

| | | | |
|--|--|--|------------------------|
| 1 - LOCAL PDR <u>Walhalla, S.C.</u> | 1 - TIC (ABERNATHY) (1)(2)(10) | 1 - NATIONAL LABS <u>ORNL</u> | 1 - PDR-SAN/LA/NY |
| 1 - NSIC (BUCHANAN) | 1 - W. PENNINGTON, Rm E-201 GT | 1 - CONSULTANTS | 1 - BROOKHAVEN NAT LAB |
| 1 - ASLB | 1 - NEWMARK/BLUME/AGBABIAN | | 1 - G. ULRIKSON ORNL |
| 1 - Newton Anderson | | | |
| - ACRS HOLDING/SENT | | | |

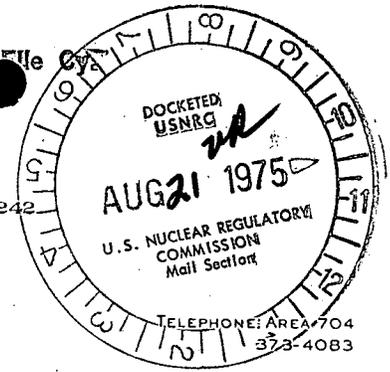
Regulatory

File Cy

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

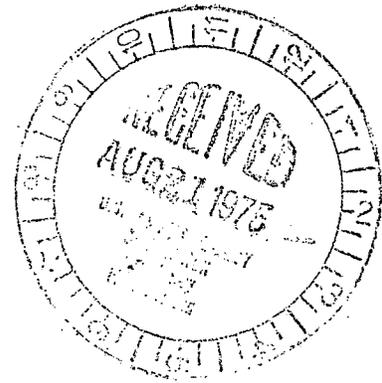


WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

August 19, 1975

Mr. Roger S. Boyd, Acting 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. Boyd:

On August 14, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 350 small fingerling fish, weighing 795 grams, 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 795 grams of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

William O. Parker, Jr.

MST:ge
Enclosure

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

8918

Enclosure 1
 Summary of Fish Impingement Data
 Per Intake Screen
 Oconee Nuclear Station
 August 14, 1975

Screen 1A1

Total Fish Impinged - 89

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition*</u> | <u>Weight</u> |
|----------------------------|--------------------|-----------------------|---------------|
| Yellow perch - 24 | 2-4 cm - 17 | Class 1 - 0 | 200 gms |
| Bluegill - 9 | 4-6 cm - 42 | Class 2 - 0 | |
| Unidentified - 56 | 6-8 cm - 30 | Class 3 - 33 | |
| | | Class 4 - 56 | |

Screen 1A2

Total Fish Impinged - 151

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Yellow perch - 16 | 2-4 cm - 21 | Class 1 - 0 | 350 gms |
| Bluegill - 16 | 4-6 cm - 82 | Class 2 - 1 | |
| Unidentified - 119 | 6-8 cm - 48 | Class 3 - 31 | |
| | | Class 4 - 119 | |

Screen 2A1

Total Fish Impinged - 100

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Yellow perch - 19 | 2-4 cm - 12 | Class 1 - 0 | 225 gms |
| Bluegill - 1 | 4-6 cm - 50 | Class 2 - 0 | |
| Threadfin shad - 4 | 6-8 cm - 36 | Class 3 - 24 | |
| Unidentified - 76 | 8-10cm - 2 | Class 4 - 76 | |

Screen 2A2

Total Fish Impinged - 1

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Unidentified - 1 | 2-4 cm - 1 | Class 4 - 1 | 1 gm |

Screen 3A1

Total Fish Impinged - 5

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Unidentified - 5 | 4-6 cm - 5 | Class 4 - 5 | 10 gms |

Enclosure 1 (Cont'd.)

Screen 3A2

Total Fish Impinged - 4

| <u>Species Composition</u> | <u>Size Groups</u> | <u>Decomposition</u> | <u>Weight</u> |
|----------------------------|--------------------|----------------------|---------------|
| Yellow perch - 2 | 4-6 cm - 3 | Class 3 - 2 | |
| Undidentified - 2 | 6-8 cm - 1 | Class 4 - 2 | 9 gms |

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