

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: **863**  
FILE: ENVIRO

FROM: DUKE POWER COMPANY CHARLOTTE, NC W. O. PARKER, JR.			DATE OF DOC 1-23-76	DATE REC'D 1-29-76	LTR XXXX	TWX	RPT	OTHER
TO: MR B. C. RUSCHE			ORIG 1 SIGNED	CC	OTHER	SENT NRC PDR SENT LOCAL PDR		XXX XXX
CLASS	UNCLASS XXXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269-270 <b>50-287</b>			

DESCRIPTION:  
  
LTR W/ATCH FURN INFO ON FISH IMPINGEMENT  
DTD 1-20-76.....LTR TRANS THE FOLLOWING..

PLANT NAME: OCONEE NUCLEAR STATION

ENCLOSURES:  
ENCLOSURE 1 SUMMARY OF FISH  
IMPINGEMENT DATA PER INTAKE  
SCREEN

**ACKNOWLEDGED  
DO NOT REMOVE**

SAFETY ASSIGNED AD	FOR ACTION/INFORMATION	ENVIRO 1-29-76 RKB
BRANCH CHIEF <u>PURPLE (3 CYS)</u>	ASSIGNED BRANCH CHIEF <u>SCALLETTI (2)</u>	
PROJECT MANAGER	PROJECT MANAGER	
LIC. ASST. <u>SHEPPARD</u> W/ CYS ACRS	LIC ASST. <u>V. MOORE</u> W/ ACRS	

INTERNAL DISTRIBUTION

- |   |                       |  |   |
|---|-----------------------|--|---|
| <input checked="" type="checkbox"/> REG FILES | <u>SYSTEMS SAFETY</u> | <u>PLANT SYSTEMS</u>                       | <u>SITE SAFETY &amp; ENVIRO ANALYSIS</u>          |
| <input checked="" type="checkbox"/> NRC PDR   | HEINEHAN              | TEDESCO                                    | <input checked="" type="checkbox"/> DENTON MULLER |
| <input type="checkbox"/> OELD                 | SCHROEDER             | BENAROYA                                   |   |
| <input type="checkbox"/> GOSSICK/STAFF        |                       | LAINAS                                     | <u>ENVIRO TECH.</u>                               |
| <input checked="" type="checkbox"/> I&E (2)   | <u>ENGINEERING</u>    | IPPOLITO                                   | ERNST   |
| <input checked="" type="checkbox"/> MIPC      | MACCARY               |  | <input checked="" type="checkbox"/> BALLARD       |
|   | KNIGHT                | <u>OPERATING REACTORS</u>                  | SPANGLER  |
| <u>PROJECT MANAGEMENT</u>                     | SIMWEIL               | STELLO                                     | <input checked="" type="checkbox"/> J. COLLINS    |
| BOYD  | PAWLICKI              |  | <input checked="" type="checkbox"/> KREGER        |
| P. COLLINS                                    |                       | <u>OPERATING TECH.</u>                     | <u>SITE TECH.</u>                                 |
| HOUSTON                                       | <u>REACTOR SAFETY</u> | EISENHUT                                   | GAMMILL   |
| PETERSON                                      | ROSS                  | SHAO                                       | STEPP   |
| MELTZ   | NOVAK                 | BAER                                       | HULMAN  |
| BELTEMES                                      | ROSETOCZY             | SCHWENCER                                  |   |
|   | CHECK                 | <input checked="" type="checkbox"/> GRIMES | <u>MISCELLANEOUS</u>                              |
|   |                       |  | <input checked="" type="checkbox"/> HANAUER       |

EXTERNAL DISTRIBUTION

- |   |                                   |                     |
|---|-----------------------------------|---------------------|
| <input checked="" type="checkbox"/> LOCAL PDR <u>WALHALLA, SC</u> | NATIONAL LAB <u>ORNL</u> W/ 1 CYS | BROOKHAVEN NAT. LAB |
| <input checked="" type="checkbox"/> JTIC                          | REGION V-I&E-(WALNUT CREEK)       | ULRIKSON (ORNL)     |
| <input checked="" type="checkbox"/> NSIC                          | LA PDR                            |                     |
| ASLB  | CONSULTANTS                       |                     |

*[Handwritten signature]*

DUKE POWER COMPANY

POWER BUILDING

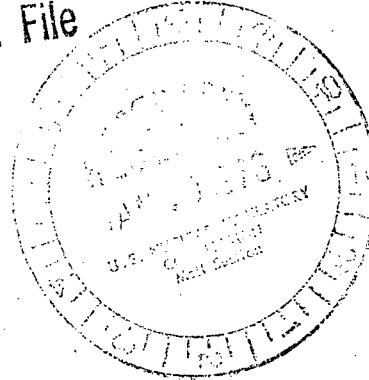
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

January 23, 1976

Regulatory Docket File



Mr. Benard C. Rusche  
Director of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Mr. Rusche:

On January 20, 1976, four of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 43,237 small fingerling fish, weighing 109.7 Kg., had collected on the screens. The 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 109.7 Kg. of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

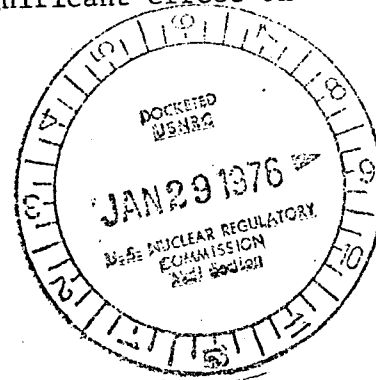
*W. O. Parker, Jr.*

William O. Parker, Jr. *By HMB*

MST:mmb

Enclosure

CC Mr. H. J. Logan  
S. C. Wildlife & Marine Resources Department



Enclosure 1  
 Summary of Fish Impingement Data  
 Per Intake Screen  
 Oconee Nuclear Station  
 January 20, 1976

Screen 1D1

Total Fish Impinged - 6874

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 6860	2-4 cm - 3500	Class 2 - 4300	~17.87 kg.
Yellow perch - 4	4-6 cm - 2508	Class 3 - 2574	
Bluegill - 10	6-8 cm - 804		
	8-10cm - 61		
	10-12cm - 1		

Screen 1D2

Total Fish Impinged - 9363

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 9316	2-4 cm - 6050	Class 2 - 8385	~24.34 kg.
Yellow perch - 43	4-6 cm - 2889	Class 3 - 978	
Bluegill - 4	6-8 cm - 373		
	8-10cm - 51		

Screen 2D1

Total Fish Impinged - 15000

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentifiable - 15000	2-4 cm - 8000	Class 4 - 15000	37.50 gms.
	4-6 cm - 7000		

Screen 2D2

Total Fish Impinged - 12000

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentifiable - 12000	2-4 cm - 5000	Class 4 - 12000	30.00 gms.
	4-6 cm - 7000		

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