

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 653

FILE: ENVIRO

FROM: Duke Power Company Charlotte, N.C. 28242 Wm. O. Parker, Jr.		DATE OF DOC 1-19-76	DATE REC'D 1-22-76	LTR XX	TWX	RPT	OTHER
TO: Mr. B.C. Rusche		ORIG 1 signed	CC	OTHER	SENT NRC PDR XX		SENT LOCAL PDR XX
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO. 50-269/270/287		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Summary of Fish Impingement Data Per Intake Screen for Oconee Station dated 1-14-76...

(1 cy encl rec'd)

**ACKNOWLEDGED
DO NOT REMOVE**

PLANT NAME: **Oconee 1-2-3**

<u>SAFETY</u>	<u>FOR ACTION/INFORMATION</u>	<u>ENVIRO</u>	<u>DHL 1-23-76</u>
ASSIGNED AD _____	ASSIGNED BRANCH CHIEF DICKER (2)	PROJECT MANAGER _____	LIC ASST. _____ W/ ACRS
✓ BRANCH CHIEF PURPLE			
PROJECT MANAGER _____			
✓ LIC. ASST. Sheppard W/ CYS ACRS			

INTERNAL DISTRIBUTION

<u>REG FILES (3)</u>	<u>SYSTEMS SAFETY</u>	<u>PLANT SYSTEMS</u>	<u>SITE SAFETY & ENVIRO ANALYSIS</u>
✓ NRC PDR (3)	HEINEMAN	TEDESCO	✓ DENTON MULLER
OELD	SCHROEDER	BENAROYA	
GOSSICK/STAFF		LAINAS	<u>ENVIRO TECH.</u>
✓ I&E (2)	<u>ENGINEERING</u>	IPPOLITO	ERNST
✓ ALPC CASE	MACCARY		✓ BALLARD
<u>PROJECT MANAGEMENT</u>	KNIGHT	<u>OPERATING REACTORS</u>	SPANGLER
BOYD	SIHWEIL	STELLO	
P. COLLINS	PAWLICKI		<u>SITE TECH.</u>
HOUSTON		<u>OPERATING TECH.</u>	GAMMILL
PETERSON	<u>REACTOR SAFETY</u>	EISENHUT	STEPP
MELTZ	ROSS	SHAO	HULMAN
HELTEMES	NOVAK	BAER	
	ROSZTOCZY	SCHWENCER	<u>MISCELLANEOUS</u>
	CHECK	✓ GRIMES	HANAUER

EXTERNAL DISTRIBUTION

✓ LOCAL PDR <u>Walhalla, S.C.</u>	✓ NATIONAL LAB <u>ORNL</u> W/I CYS	BROOKHAVEN NAT. LAB
✓ TIC	REGION V-I&E-(WALNUT CREEK)	ULRIKSON (ORNL)
✓ NSIC	LA PDR	
ASLB	CONSULTANTS	

748

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

January 19, 1976

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

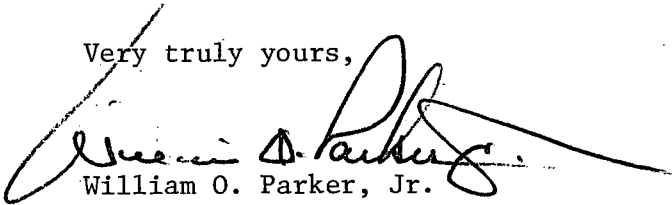
Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Mr. Rusche:

On January 14, 1976, eight of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 20,860 small fingerling fish, weighing 54.36 Kgs., 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.

The mortality of these fish had an insignificant effect on the fisheries resources in Lake Koewee.

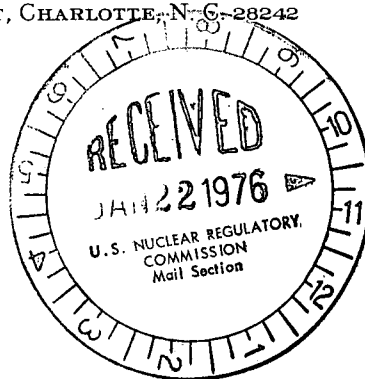
Very truly yours,


William O. Parker, Jr.

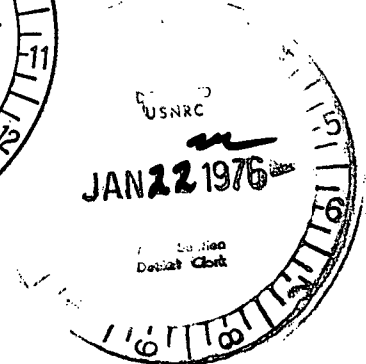
WOP:EDB:mmb

Attachment

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



TELEPHONE: AREA 704
373-4083



Enclosure 1
 Summary of Fish Impingement Data
 Per Intake Screen
 Oconee Nuclear Station
 January 14, 1976

Screen 1A1

Total Fish Impinged - 2300

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 275	4-6 cm - 2300	Class 3 - 275	5.98 kg.
Unidentified - 2025		Class 4 - 2025	

Screen 1A2

Total Fish Impinged - 1960

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 150	4-6 cm - 1960	Class 3 - 150	4.90 kg.
Unidentified - 1810		Class 4 - 1810	

Screen 1B1

Total Fish Impinged - 4250

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2200	4-6 cm - 4250	Class 2 - 875	11.48 kg.
Unidentified - 2050		Class 3 - 1325	
		Class 4 - 2050	

Screen 1B2

Total Fish Impinged - 3000

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 1200	4-6 cm - 3000	Class 2 - 450	7.80 kg.
Unidentified - 1800		Class 3 - 750	
		Class 4 - 1800	

Screen 1C1

Total Fish Impinged - 2950

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 850	4-6 cm - 2950	Class 2 - 50	7.38 kg.
Unidentified - 2100		Class 3 - 800	
		Class 4 - 2100	

Screen 1C2

Total Fish Impinged - 3350

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 950	4-6 cm - 2275	Class 3 - 950	9.04 kg.
Unidentified - 2400	6-8 cm - 1075	Class 4 - 2400	

Enclosure 1 (Cont.)

Screen 1D1

Total Fish Impinged - 1500

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 900	4-6 cm - 1500	Class 2 - 335	3.75 kg.
Unidentified - 600		Class 3 - 565	
		Class 4 - 600	

Screen 1D2

Total Fish Impinged - 1550

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 450	4-6 cm - 1400	Class 2 - 50	4.03 kg.
Unidentified - 1100	6-8 cm - 150	Class 3 - 400	
		Class 4 - 1100	

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