

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: B.C. Rusche

FROM: Duke Power Co.
Charlotte, N.C.
W.O. Parker, Jt.

DATE OF DOCUMENT
2-26-76

DATE RECEIVED
3-1-76

LETTER
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1

DESCRIPTION
Ltr. concerning collected fish on 6 of the
Consenser Cooling Water intake Screens.....

(1 Copy Received)

PLANT NAME: Oconee # 2,1, & 3

ENCLOSURE

DO NOT REMOVE
ACKNOWLEDGED

SAFETY	FOR ACTION/INFORMATION	ENVIRO	SAB 3-4-76
ASSIGNED AD :		ASSIGNED AD :	
BRANCH CHIEF :	<i>Purdie</i>	BRANCH CHIEF :	<i>Dicker w/s</i>
PROJECT MANAGER:		PROJECT MANAGER :	
LIC. ASST. :	<i>SHEPPARD</i>	LIC. ASST. :	

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ERNST
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	<input checked="" type="checkbox"/> BALLARD
OELD		LAINAS	SPANGLER
GOSSICK STAFF	ENGINEERING	IPPOLITO	
<input checked="" type="checkbox"/> MIPC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL
<input checked="" type="checkbox"/> HANAUER	SIHWEIL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	<input checked="" type="checkbox"/> VOLLMER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	<input checked="" type="checkbox"/> J. COLLINS
PETERSON	CHECK	<input checked="" type="checkbox"/> GRIMES	<input checked="" type="checkbox"/> KREGER
MELTZ			
HELTEMES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	<input checked="" type="checkbox"/> DENTON & MULLER	

EXTERNAL DISTRIBUTION		
<input checked="" type="checkbox"/> LPDR; Walthalla, S.C.	<input checked="" type="checkbox"/> NATL LAB <i>ORNL</i>	BROOKHAVEN NATL LAB
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON(ORNL)
<input checked="" type="checkbox"/> NSIC	LA PDR	
ASLB	CONSULTANTS	
ACRS	HOLDING/SENT	

CONTROL NUMBER

ORNL
1975

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

February 26, 1976

TELEPHONE: AREA 704
373-4083

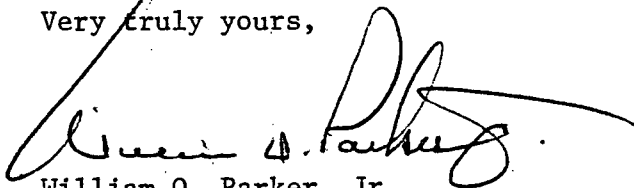
Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, ^{Mail Section} _{post-287}

Dear Mr. Rusche:

On February 19, 1976, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 6,547 small fingerling fish, weighing 23.8 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 23.8 kg 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 & Resources Department



1975

Enclosure 1
 Summary of Fish Impingement Data
 Per Intake Screen
 Oconee Nuclear Station
 February 19, 1976
 Quarterly Screen Inspection

Screen 1A1

Total Fish Impinged - 92

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 1	4-6 cm - 92	Class 1 - 1	0.25 kg
Unidentifiable - 91		Class 4 - 91	

Screen 1A2

Total Fish Impinged - 15

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2	4-6 cm - 14	Class 1 - 1	.03 kg
Unidentifiable - 13	6-8 cm - 1	Class 3 - 1	
		Class 4 - 13	

Screen 2A1

Total Fish Impinged - 2390

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2025	4-6 cm - 1550	Class 2 - 750	4.8 kg
Yellow perch - 115	6-8 cm - 835	Class 3 - 1395	
Unidentifiable - 245	8-10cm - 5	Class 4 - 245	
Bluegill - 5			

Screen 2A2

Total Fish Impinged - 2710

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 1587	2-4 cm - 1562	Class 2 - 1165	9.0 kg
Yellow perch - 295	4-6 cm - 794	Class 3 - 717	
Unidentifiable - 828	6-8 cm - 354	Class 4 - 828	

Screen 3A1

Total Fish Impinged - 870

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 810	4-6 cm - 460	Class 2 - 460	5.0 kg
Yellow perch - 60	6-8 cm - 410	Class 3 - 410	

Enclosure 1 (Cont.)

Screen 3A2

Total Fish Impinged - 470

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 460	4-6 cm - 275	Class 2 - 150	3.7 kg
Yellow perch - 10	6-8 cm - 195	Class 3 - 320	

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