

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
ENVIRO

TO: Mr Rusche

FROM: Duke Power Co.
Raleigh, NC
W O Parker Jr

DATE OF DOCUMENT
2-20-76

DATE RECEIVED
2-26-76

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
one signed

DESCRIPTION
Ltr furnishing info concerning fish impingement inspection performed on 2-12-76.....

DO NOT REMOVE

PLANT NAME: Oconee 1-3

ENCLOSURE

SAFETY		FOR ACTION/INFORMATION		ENVIRO	3-1-76	ehf
ASSIGNED AD :		ASSIGNED AD :	V. Moore			
BRANCH CHIEF :	Purple	BRANCH CHIEF :	Dicker (2)			
PROJECT MANAGER:		PROJECT MANAGER :	Scalett			
LIC. ASST. :	Sheppard	LIC. ASST. :	Kreutzer			

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	BALLARD
OELD		LAINAS	SPANGLER
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
<input checked="" type="checkbox"/> MPC	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	VOLLMER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	J. COLLINS
PETERSON	CHECK	GRIMES	KREGER
MELTZ			
HELTEMES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION			CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR: Waltham, SC	NATL LAB ORNL	BROOKHAVEN NATL LAB	1846
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON(ORNL)	
<input checked="" type="checkbox"/> NSIC	LA PDR		
ASLB	CONSULTANTS		
ACRS HOLDING/SENT			

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

February 20, 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, -287

REGISTRATION COPY

Dear Mr. Rusche:

On February 12, 1976, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 7,037 small fingerling fish, weighing 18.6, 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 18.6 of fish had an insignificant effect on fisheries resources in Lake Keowee.

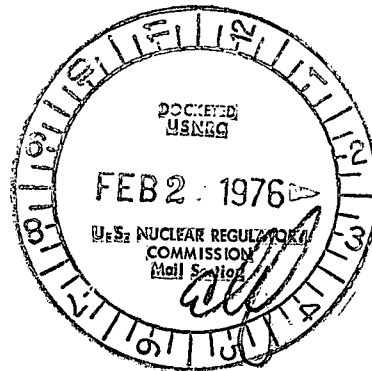
Very truly yours,

A handwritten signature in black ink, appearing to read "William O. Parker, Jr." with a stylized flourish.

William O. Parker, Jr.

MST:ge
Enclosure

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



Enclosure 1
 Summary of Fish Impingement Data
 Per CCW Intake Screen
 Oconee Nuclear Station
 February 12, 1976

Screen 1A1

Total Fish Impinged - 1495

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 300	4-6 cm - 1300	Class 3 - 345	3.9 kg
Yellow perch - 45	6-8 cm - 195	Class 4 - 1150	
Unidentifiable - 1150			

Screen 1A2

Total Fish Impinged - 1115

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 335	4-6 cm - 1025	Class 3 - 365	2.9 kg
Yellow perch - 30	6-8 cm - 90	Class 4 - 750	
Unidentifiable - 750			

Screen 2A1

Total Fish Impinged - 1550

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 1510	4-6 cm - 1350	Class 2 - 575	4.2 kg
Yellow perch - 40	6-8 cm - 200	Class 3 - 975	

Screen 2A2

Total Fish Impinged - 725

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 650	4-6 cm - 375	Class 2 - 200	2.0 kg
Yellow perch - 75	6-8 cm - 350	Class 3 - 525	

Screen 3A1

Total Fish Impinged - 1150

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 400	4-6 cm - 875	Class 2 - 500	3.0 kg
Yellow perch - 50	6-8 cm - 275	Class 3 - 400	
Unidentifiable - 700		Class 4 - 700	

Screen 3A2

Total Fish Impinged - 1002

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 500	4-6 cm - 825	Class 2 - 100	2.6 kg
Yellow perch - 52	6-8 cm - 177	Class 3 - 452	
Unidentifiable - 450		Class 4 - 450	

