

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 <u>xxx</u>		SENT LOCAL PDR <u>xx</u>
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO: 50-269, <u>270</u> and 287		

DESCRIPTION:  
Ltr trans the following:  
  
PLANT NAME: Oconee 1-2-3

ENCLOSURES:  
Enclosure I- Summary of Fish Impingement Data Per Intake Screen Oconee Nuclear Station August 14, 1975

**DO NOT REMOVE**  
**ACKNOWLEDGED**

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	<del>DICKER</del> (E) W/2 Copies	LEAR (L) W/ Copies	
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPIES W/ Copies	
KNIEL (L) W/ Copies	<del>PURPLE</del> (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	LPM W/ Copies	

INTERNAL DISTRIBUTION

<del>REG EDR</del> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE <del>REG OPR</del> FILE & REGION (2) <del>HIPC</del>	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO <del>J. COLLINS</del> LAINAS BENAROYA VOLLMER	<del>DENTON</del> GRIMES GAMMILL <del>KASTNER</del> <del>BALLARD</del> SPANGLER  ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR  HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) <del>P. KREUTZER</del> (E) J. LEE (L) M. RUSHBROOK (L) S. REED (E) M. SERVICE (L) <del>S. SHEPPARD</del> (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
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EXTERNAL DISTRIBUTION

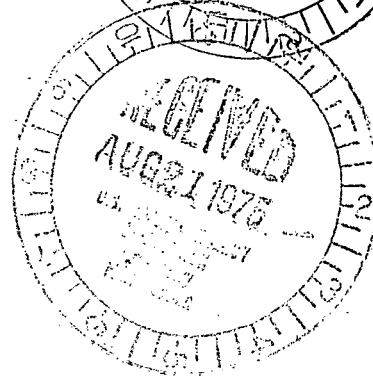
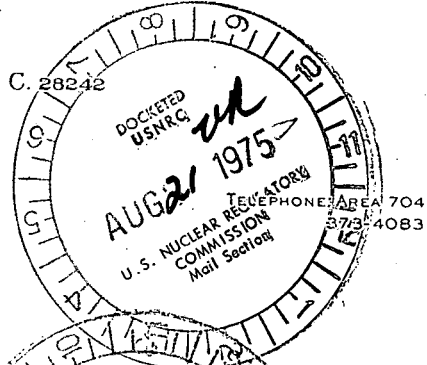
- ~~T~~ - LOCAL PDR Walhalla, S.C.
- ~~T~~ - TIC (ABERNATHY) ~~(1)(2)(10)~~ - NATIONAL LABS ORNL 1 - PDR-SAN/LA/NY
- ~~T~~ - NSIC (BUCHANAN) 1 - W. PENNINGTON, Rm E-201 GT 1 - BROOKHAVEN NAT LAB
- 1 - ASLB 1 - CONSULTANTS 1 - G. ULRIKSON ORNL
- 1 - Newton Anderson
- ACRS HOLDING/SENT
- NEWARK/BLUME/AGBABIAN

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



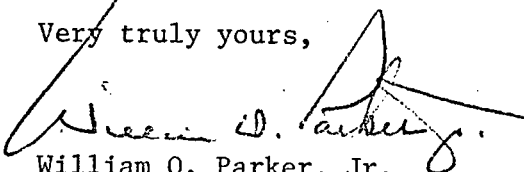
Mr. Roger S. Boyd, Acting Director  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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.

8913

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