

TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENNESSEE  
37401



January 17, 1974

Mr. Norman C. Moseley, Director  
Region II Regulatory Operations Office  
U.S. Atomic Energy Commission  
230 Peachtree Street, NW.  
Atlanta, Georgia 30303

Dear Mr. Moseley:

Subject: TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR  
PLANT UNIT 1 - DOCKET NO. 50-259 - FACILITY OPERATING  
LICENSE DPR-33 - ENVIRONMENTAL ABNORMAL OCCURRENCE  
REPORT BF EAO-742W THROUGH 747W

The purpose of this report is to provide written notice of fish killed when impinged on the Browns Ferry Nuclear Plant unit 1 intake screens. This report is required by section 4.1.2(f) of our environmental technical specifications.

These incidents were reported to the Region II Regulatory Operations Office by telephone or telegram within a short time after each occurrence. Each of these incidents occurred while washing the circulating water pump traveling screens at the pumping station and was similar to the occurrences which were reported for BF EAO-732W-741W. The tabulation below gives the date of each occurrence and the estimates of the fish impinged.

Fish Impingement Estimates

<u>Item</u>	<u>Date</u>	<u>Shad</u>	<u>Other Species</u>	<u>Total</u>
BF EAO-742	January 7	2,790	270	3,060
BF EAO-743	January 8	6,780	930	7,710
BF EAO-744	January 9	2,220	300	2,520
BF EAO-745	January 10	19,800	5,700	25,500
BF EAO-746	January 11	3,300	540	3,840
BF EAO-746	January 12	7,200	600	7,800
BF EAO-746	January 13	1,500	120	1,620
BF EAO-747	January 14	2,400	300	2,700

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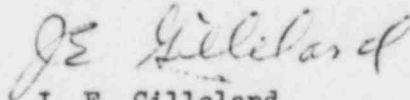
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A proposed change to the environmental technical specifications which would modify the specification and end the requirement for daily reports of fish impingement as well as provide for continuing reports on studies into this problem has been transmitted to the Directorate of Licensing.

Very truly yours,



J. E. Gilleland  
Assistant to the Manager of Power

CC: Mr. Gerald R. Hooper  
District Fisheries Supervisor  
Alabama Game and Fish Commission  
Department of Conservation and Natural Resources  
P.O. Box 366  
Decatur, Alabama 35601

Mr. J. F. O'Leary, Director  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

Mr. Sam L. Spencer, Chief  
Fisheries Section  
Alabama Game and Fish Commission  
Department of Conservation and Natural Resources  
624 North Union Street  
Montgomery, Alabama 36104