



December 7, 1973

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-7364W THROUGH 7370W

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-7363W.

The numbers of fish reported for BF EAO-7364 represent an accumulation of fish impinged over a period of 48 hours or longer. This was due to a mechanical malfunction which prevented two of the traveling screens from moving. As a result of this malfunction, fish impinged on these two screens accumulated for the total time the screens were immobile.

The tabulation below gives the date of each occurrence and the estimates of fish impinged.

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Mr. Norman C. Moseley

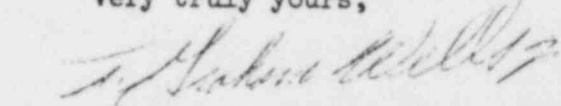
December 7, 1973

FISH IMPINGEMENT ESTIMATES

<u>Item</u>	<u>Date</u>	<u>Shad</u>	<u>Other Species</u>	<u>Total</u>
BF EAO-7364	November 29	4,891	1,949	6,840
BF EAO-7365	November 30	2,000	200	2,200
BF EAO-7366	December 1	18,800	860	19,660
BF EAO-7367	December 2	9,020	704	9,724
BF EAO-7368	December 3	5,400	360	5,760
BF EAO-7369	December 4	12,600	700	13,300
BF EAO-7370	December 5	11,300	1,612	12,912

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. Cilleland,
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

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Letter from Tennessee Valley Authority, J. E. Gilleland,
dated December 7, 1973 - 50-259
Telegram from Tennessee Valley Authority, H. J. Green,
dated December 9, 1973
Mailgram from Tennessee Valley Authority, H. J. Green,
dated December 9, 1973

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