

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401



September 12, 1974

Mr. Edson G. Case
Acting Director of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Mr. Case:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 -
DOCKET NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - ABNORMAL
OCCURRENCE REPORT BFAO-7416W

This refers to my letter to John F. O'Leary dated March 21, 1974,
on this subject. The initial 10-day report submitted to AEC on
March 21 left an open item because the cause of failure was still
under investigation. The information contained herein is intended
to close out that item.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

E. F. Thomas
Director of Power Production

Enclosure

CC (Enclosure):

Mr. Norman C. Moseley, Director
Region II Regulatory Operations Office, USAEC
230 Peachtree Street, NW., Suite 818
Atlanta, Georgia 30303

60-259
inquiry

9573

8305060132 740912
PDR ADOCK 05000259
S PDR

COPY SENT REGION

ABNORMAL OCCURRENCE REPORT

Report No.: BFAO-7416W (Final Report)
Report Date: September 12, 1974
Occurrence Date: March 12, 1974
Facility: Browns Ferry Nuclear Plant unit 1

The initial 10-day report left an open item. The cause of the EGM control box failure was still under investigation at the time of the report. The following information is intended to close out the open item.

Designation of Apparent Cause of Occurrence

Investigation has shown that the cause of failure of the HPCI EGM box was a defective transistor. This transistor gives an output signal to the governor actuator when an increase in speed is called for.

Corrective Action

The transistor was replaced and the EGM outputs verified. Calibration was verified and the box considered repaired and available for use.

Failure Data

Transistor: 2N696