

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE
37401



March 1, 1974



Mr. John F. O'Leary, Director
Directorate of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Mr. O'Leary:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 -
DOCKET NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - ABNORMAL
OCCURRENCE REPORT BFAO-7411W

The enclosed report is to provide details concerning check light
failure on suppression chamber to drywell vacuum breaker valve
FCV-64-28M which occurred on Browns Ferry Nuclear Plant unit 1
on February 21, 1974, and is submitted in accordance with
Appendix A to Regulatory Guide 1.16, Revision 1, October 1973.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

E. F. Thomas
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

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ABNORMAL OCCURRENCE REPORT

Report No.: BFAO-7411W
Report Date: March 1, 1974
Occurrence Date: February 21, 1974
Facility: Browns Ferry Nuclear Plant unit 1

Identification of Occurrence

Check light failure on suppression chamber to drywell vacuum breaker valve FCV-64-28M.

Conditions Prior to Occurrence

The reactor was at approximately 50-percent power.

Description of Occurrence

During routine surveillance testing of suppression chamber to drywell vacuum breaker valves, the check light for FCV-64-28M failed to go out when the vacuum breaker valve was operated.

Designation of Apparent Cause of Occurrence

The assumed cause of the occurrence is a limit switch failure at the vacuum breaker valve inside the suppression chamber.

Analysis of Occurrence

The vacuum breaker is equipped with switches indicating disc opening to approximately 80 percent open; 3 degrees open and a check switch which indicates fully closed. The vacuum breaker valve is considered inoperable for full closure only because the valve position indicating lights confirmed opening and closure to within 3 degrees of fully closed. This is an allowable condition in accordance with technical specification 3.7.A.4.b.

Corrective Action

The circuit will be inspected and repaired at the earliest opportunity when suppression chamber entry can be made.