

TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENNESSEE  
37401



August 21, 1974



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

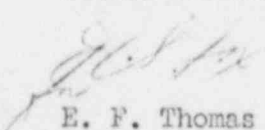
Dear Mr. O'Leary:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 -  
DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - ABNORMAL  
OCCURRENCE REPORT BFAO-50-260/745W

The enclosed report is to provide details concerning HPCI exhaust  
line rupture disc failure and is submitted in accordance with  
Appendix A to Regulatory Guide 1.16, Revision 1, October 1973.  
This event occurred on Browns Ferry Nuclear Plant unit 2 on  
August 11, 1974.

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

*50-260  
inquiry*

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PDR ADQCK 05000260  
S PDR

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Failure Data

1. Rupture Disc: Pike Metal Company  
Size 16", Rated at 229 psig at 72° F. and 182 psig at 378° F.,  
316 SSTE
2. Solenoid Valve LCV-73-8: Atkomatic, Uramic Series 30000, Catalog No. 31840,  
Pipe size 1", Port size 1", Coil No. 13277, 250V d-c,  
In rush current 0.32 amps
3. Level Switch LS-73-8: Robert Shaw, Liquid level control, Serial No. D69-L536,  
Model No. SL-305-E7-X, Max. pressure 1350, Max.  
temperature 800, Min. SG:1.0