

TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENNESSEE  
37401



August 16, 1974



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

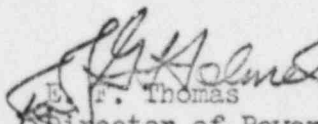
Dear Mr. O'Leary:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 -  
DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - ABNORMAL  
OCCURRENCE REPORT BFAO-50-260/742W

The enclosed report is to provide details concerning reversal of  
RCIC steamflow sensing lines 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 8, 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

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## ABNORMAL OCCURRENCE REPORT

Report No.: BFAO-50-260/742W  
Report Date: August 16, 1974  
Occurrence Date: August 8, 1974  
Facility: Browns Ferry Nuclear Plant unit 2

### Identification of Occurrence

Reversal of RCIC steamflow sensing lines.

### Conditions Prior to Occurrence

Reactor was undergoing startup testing at approximately 1-percent power and 150 psig reactor pressure.

### Description of Occurrence

During RCIC testing at 150 psig, PdIS-71-1A was observed indicating downscale.

### Designation of Apparent Cause of Occurrence

An inspection of the instrument sensing lines on panel 25-7 revealed that the sensing lines were reversed on PdIS-71-1A.

### Analysis of Occurrence

The redundant switch, PdIS-71-1B, was functionally tested and found to operate satisfactorily and would have performed its intended function. These switches are part of the isolation logic for the RCIC steam supply system.

### Corrective Action

The sensing lines were reversed on the local instrument panel and during a subsequent RCIC test, PdIS-71-1A was confirmed to indicate upscale as required. All instrument lines to differential pressure instruments listed in the technical specifications will be checked for correct installation either by physical inspection or by observation of instrument response during initial unit operation. We expect to have this completed by Friday, August 23, 1974.

### Failure Data

Not applicable.