

PART 21 IDENTIFICATION NO. 81-408-000 COMPANY NAME TVA

DATE OF LETTER \_\_\_\_\_ DOCKET NO. 50-438/439

DATE DISTRIBUTED \_\_\_\_\_ ORIGINAL REPORT  SUPPLEMENTARY

DISTRIBUTION:

REACTOR (R)

IE FILES

EES - *Mills*

REGIONS I, II, III, IV, V

VENDOR BR. R-IV

LOEB / MPA MNB 5715

AEOD MNB 7602  
*CEOD/dmw mnb 7217*  
NRR/DOE

NRR/DSI

NRR/DST

NRR/DOL

ASLBP E/W 450

FUEL CYCLE &   
MATERIALS (M)

IE FILES

AD/FFMSI

REGIONS I, II, III, IV, V

VENDOR BR. R-IV

NMSS / FCMS SS-395

LOEB / MPA MNB 5715

AEOD MNB 7602  
*CEOD/dmw mnb 7217*  
ASLBP E/W 450

SAP/SP MNB-7210A

SAFEGUARDS (S)

IE FILES

AD/SG

AD/ROI

REGIONS I, II, III, IV, V

VENDOR BR. R-IV

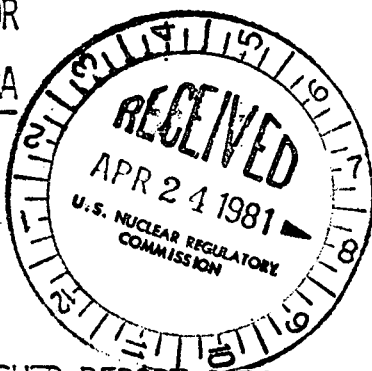
NRR/DOL

NMSS / SG SS-881

LOEB / MPA MNB 5715

AEOD MNB 7602  
*CEOD/dmw mnb 7217*  
ASLBP E/W 450

CENTRAL FILES 016  
CENTRAL FILES (CHRON)  
PDR  
LPDR  
TERA



CENTRAL FILES 016  
CENTRAL FILES (CHRON)  
CENTRAL FILES SS-395  
PDR  
LPDR  
TERA

~~CENTRAL FILES 016~~  
CENTRAL FILES (CHRON)  
PDR  
LPDR  
TERA

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE  NRR  NMSS  OTHER

EES

8104280030

TENNESSEE VALLEY AUTHORITY

81-408-000

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

April 9, 1981

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEVILLE NUCLEAR PLANT UNITS 1 AND 2 - DIFFERENTIAL PRESSURE INDICATORS ON  
AIR CLEANUP UNITS - NCR 1237 - FINAL REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector R. W. Wright on August 1, 1980, in accordance with 10 CFR 50.55(e). Interim reports were submitted August 29, and November 10, 1980. Enclosed is our final report. We consider 10 CFR Part 21 to be applicable to this deficiency.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

ENCLOSURE  
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
DIFFERENTIAL PRESSURE INDICATORS  
ON AIR CLEANUP UNITS  
NCR 1237 - 10CFR50.55(e)  
FINAL REPORT

Description of Deficiency

The differential pressure indicators, on the majority of the air cleanup units provided by CTI-Nuclear, are improperly tubed.

Safety Implications

The differential pressure indicators are required to notify plant personnel of the need to change the filters to prevent clogging. Because these specific air cleanup units operate continuously at Bellefonte and are also required postaccident, the filters must not be allowed to become clogged. Should they become clogged, low airflow would result and the required negative pressure in the Auxiliary Building could not be maintained. Thus, had this item gone undetected, it could have adversely affected safe operation of the plant.

Corrective Action

CTI-Nuclear representatives met with TVA representatives at the Bellefonte site and agreed that a majority of the differential pressure indicators were improperly connected to the sampling lines. Agreement was reached that the best solution to the concern would be to remove the indicator panel and retube the connection lines on the back of the panels. TVA is to proceed with the recommended solution. TVA expects to complete the work by July 1, 1981. CTI-Nuclear has certified that if TVA retubes the back of the indicator panel with the same type and quality of tubing and fittings used originally, that the equipment meets the seismic qualification requirements of the contract and that CTI-Nuclear's original warranty is still valid.

As all material and equipment on this contact has been delivered to the jobsite, no action to prevent recurrence at Bellefonte has been initiated. TVA is continually reviewing CTI-Nuclear's quality program.

The only other TVA site to verify similar conditions for the CTI-Nuclear air cleanup units was Watts Bar. However, the pressure indicators are only for local indication and are not safety related.