

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1630 Chestnut Street Tower II

July 2, 1985

U.S. Nuclear Regulatory Commission
Region II

Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Dr. Grace:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - SEISMIC QUALIFICATION OF B&W
EQUIPMENT IN TVA PANELS - NCR BLN BLP 8011 - TWELFTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. W. Wright on November 24, 1980 in accordance with 10 CFR 50.55(e).
This was followed by our interim reports dated December 23, 1980 and
April 23 and October 28, 1981, February 18, May 18, July 16, and
September 24, 1982, February 7 and September 7, 1983, and June 28 and
December 17, 1984. Enclosed is our twelfth interim report. We expect to
submit our next report on or about October 15, 1985.

If you have any questions concerning this matter, please get in touch with
R. H. Shell at FTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Damer

J. W. Hufham, Manager
Licensing and Risk Protection

Enclosure

cc (Enclosure):

Mr. James Taylor, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
SEISMIC QUALIFICATION OF B&W EQUIPMENT IN TVA PANELS
NCR BLN BLP 8011
10 CFR 50.55(e)
TWELFTH INTERIM REPORT

Description of Deficiency

A number of Babcock and Wilcox (B&W) supplied instruments are intended for installation on TVA's freestanding, open, local instrument panels. Because of imprecise specifications in a TVA procurement document, the instrumentation listed below and supplied by B&W has not been seismically qualified to a response spectra which is compatible with the response spectra for TVA local instrument panels. Consequently, the responsibility for this deficiency is TVA's.

A list of the instruments to be qualified follows:

<u>Type of Device</u>	<u>Vendor</u>	<u>Vendor ID No.</u>
Differential pressure transmitter	Bailey Meter Co.	Type N1BQ86221
Differential pressure transmitter	Bailey Meter Co.	Type N2BQ74221
Differential pressure transmitter	Bailey Meter Co.	Type N2BQ76221
Differential pressure transmitter	Bailey Meter Co.	Type N2BQ85221
Differential pressure transmitter	Bailey Meter Co.	Type N2BQ86221
Pressure transmitter	Bailey Meter Co.	Type N2KS69221
Indicator meter	Bailey Meter Co.	ES-342
Operator station	Bailey Meter Co.	TT-10

Interim Progress

As reported in our previous responses, the equipment in question was seismically tested to the higher "g" values of the correct response spectra. The results showed that all equipment is qualified except the N2BQ74221 and N2BQ86221 transmitters and the TT-10 operator station. A contract was set up with Wyle Laboratory to retest the three devices. The results of Wyle's test are scheduled to be submitted to TVA on August 1, 1985. TVA must evaluate these results and determine if the devices successfully passed the seismic test and are seismically qualified.