

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 18, 1982

USNRC REGION II
ATLANTA, GEORGIA

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U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

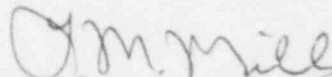
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - SEISMIC QUALIFICATION OF B&W
EQUIPMENT IN TVA PANELS - NCR BLN BLP 8011 - FIFTH INTERIM REPORT

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 and February 18, 1982. Enclosed is our fifth
interim report. We expect to submit our next report by July 19, 1982.

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



L. M. Mills, Manager
Nuclear Licensing

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. James McFarland (Enclosure)
Senior Project Manager
Babcock & Wilcox Company
P.O. Box 1260
Lynchburg, Virginia 24505

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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)
FIFTH INTERIM REPCRT

Description of Deficiency

A number of B&W supplied instruments are intended for installation in TVA's free standing, open, local instrument panels. Because of imprecise specifications in a TVA procurement document, the instrumentation 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.

The responsibility for this deficiency is TVA's.

A list of the instruments in question follows:

<u>Type of Device</u>	<u>Manufacturer</u>	<u>Mfr ID No.</u>
Diff. Pressure Transmitter	Bailey Meter Co.	Type N1BQ8
"	"	" N3BQ7
"	"	" N3BQ8
"	"	" N2BQ7
"	"	" N2BQ8
Press Transmitter	"	" N3KS
"	"	" N2KS
"	"	" N1KS
"	Rosemount	" 1152GP
"	Dresser	" 1079
"	"	" 1188
Press Switch	"	B400 Series
Diff. Press Indicator	ITT Barton	Model 227
Diff. Press Switch	ITT Barton	Model 288A
Electro/Pneumatic Converter	Fisher	Model 546

Interim Progress

TVA is continuing to work both internally and with B&W in order to resolve the seismic problem. To date, of the 253 total B&W devices in question, all but 32 have been determined to be acceptable. For those 32, TVA has asked B&W to consider requalification of these devices to the higher "g" levels as part of the NUREG-0588 qualification program.