

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

September 7, 1983

USNRC REGION II
ATLANTA, GEORGIA

83 SEP 12 48:18

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
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 - NINTH 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 and February 7, 1983. Enclosed is our ninth interim
report. We expect to submit our next report by July 2, 1984.

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
L. M. Mills, Manager
Nuclear Licensing

Enclosure

cc (Enclosure):

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

Babcock & Wilcox Company
P.O. Box 1260
Lynchburg, Virginia 24505
Attention: Mr. R. J. Ansell

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

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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)
NINTH INTERIM REPORT

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 with B&W to resolve this deficiency by upgrading the subject equipment to the appropriate seismic design values. TVA is presently awaiting a proposal from B&W for the upgrade. Upon receipt, TVA will then review the proposal (approximately six weeks) and decide its acceptability. If TVA accepts, B&W will proceed with the upgrade--their schedule is presently unknown but should be identified in their proposal. If TVA does not accept the proposal, we must then negotiate further with B&W or pursue alternate methods of upgrading the equipment.