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 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439
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 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: Initial deficiency rept re violation concerning five seismic supports not complying w/Intl Telegram & Telegraph Grinnell drawings & General Const Specs G-32. Engineers & craft employees have been restructured.

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NOTES:

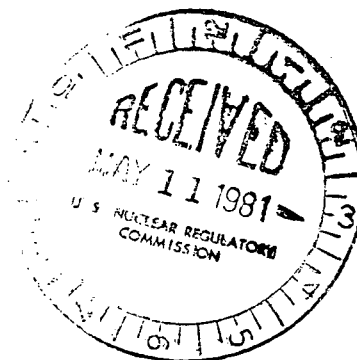
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400 Chestnut Street Tower II

May 7, 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:

BELLEFONTE NUCLEAR PLANT UNIT 1 - VIOLATION 50-438/81-11-01 - INADEQUATE
SEISMIC SUPPORT INSTALLATION

This is in response to R. C. Lewis' letter dated April 16, 1981, report numbers 50-438/81-11, 50-439/81-11, concerning activities at the Bellefonte Nuclear Plant which appeared to have been in violation of NRC regulations. Enclosed is our response to the citation.

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

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ENCLOSURE
BELLEFONTE NUCLEAR PLANT UNIT 1
SEVERITY LEVEL VI VIOLATION
INADEQUATE SEISMIC SUPPORT INSTALLATION
50-438/81-11-01

Description of Violation

10 CFR 50, Appendix B, Criterion V requires that activities affecting quality shall be prescribed in documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings. Instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished. ITT Grinnell drawings 1ND-MPHG-0537, sheet 2, revision 1, 1CA-MPHG-0009, revision 1, 1VE-MPHG-1294, sheet 1, revision 1, 1VE-MPHG-1421, revision 3, and 1NV-MPHG-1425, sheet 1, revision 1, specify in detail the fabrication requirements for the associated five seismic supports. General Construction Specification for Bolt Anchors set in hardened concrete (G-32, Rev. 6) specifies the spacing requirements between adjacent hanger anchors.

Contrary to the above, between Marcy 1-31, 1981, the resident inspector identified five examples of seismic supports not complying with the above noted ITT Grinnell drawings and General Construction Specification G-32.

Admission or Denial of Alleged Violation

TVA admits the violation occurred as stated.

Reason for Violation

Specific deficiencies as outlined in the subject report for hangers 1VE-MPHG-1294, sheet 1, R1, 1CA-MPHG-0009, R1, 1ND-MPHG-0537, sheet 2, R3, and 1NV-MPHG-1425, sheet 1, R1, resulted from failure to follow installation instructions and oversights made during hanger quality control inspections.

A drawing revision (Support Modification Request), which changed details described on the previous revision, was issued after the work on hanger 1VE-MPHG-1421, R3, was performed. This change was not adequately coordinated with the site Welding Engineering Unit, which resulted in the welding on the bottom four lugs not being in accordance with the drawing.

Corrective Steps Taken and Results Achieved

The subject hanger deficiencies have been documented and dispositioned on Quality Control Investigation Reports (QCIR) 8497, 8742, 8745, 8755, and 8792. Reinstruction of both engineering and craft employees in the area of following procedures, instructions, and drawings has been implemented and should lessen the number of future deficiencies.

Corrective Steps Taken to Avoid Further Violations

Again, reinstruction of applicable employees should lessen such occurrences in the future. In addition, the Hanger Engineering Unit has intensified its internal audit program (Standard Operating Procedure 2000) of completed inspections in order to improve the quality of inspections.

Date When Full Compliance Will Be Achieved

Reinstruction of applicable employees has been completed. The QCIR's have been closed; however, two hangers required rework, work releases were issued for this work which is expected to be complete by May 15, 1981. With regard to this violation, Bellefonte will be in full compliance by May 15, 1981.