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 FACIL: 50-438 Bellefonte nuclear plant, Unit 1, Tennessee Valley Au 05000438
 50-439 Bellefonte nuclear plant, Unit 2, Tennessee Valley Au 05000439
 AUTH. NAME AUTHOR AFFILIATION
 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, office of the Director

SUBJECT: Fifth interim deficiency rept, originally reported on
 771125, re purchase requests issued w/o specified IEEE
 qualifications. All deficient requests revised to include
 proper qualifications. Next rept will be submitted on 810422.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37403

400 Chestnut Street Tower II

January 15, 1981

Mr. James R. 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 UNITS 1 AND 2 - PURCHASE REQUESTS ISSUED WITHOUT
IEEE QUALIFICATIONS SPECIFIED - NCR BNP-7 - FIFTH INTERIM REPORT**

The subject deficiency was initially reported to NRC-OIE Inspector
L. E. Foster on November 25, 1977, in accordance with 10 CFR 50.55(e).
This was followed by our interim reports dated December 15, 1977, June 30
and October 18, 1978, and March 8, 1979. Enclosed is our fifth interim
report. We expect to submit our next report by April 22, 1981.

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

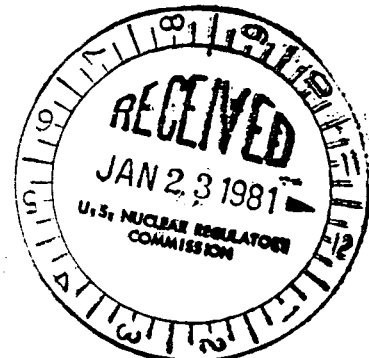
Very truly yours,

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 UNITS 1 AND 2
PURCHASE REQUESTS ISSUED WITHOUT IEEE QUALIFICATIONS SPECIFIED
NCR BNP-7
10 CFR 50.55(e)
FIFTH INTERIM REPORT

Description of Deficiency

During the development and review of certain Bellefonte Nuclear Plant Final Safety Analysis Report sections and design criteria, it was discovered that Class IE qualifications were inadvertently left off the procurement documents of a portion of TVA procured equipment. The deficiency specifically affected the prime movers on certain process flow and HVAC equipment. Similar problems have not been identified for B&W procured equipment.

Corrective Action

The procurement documents for all process flow equipment have been reviewed and all deficient requests have been revised to include the proper IEEE qualifications.

The HVAC equipment was not procured to meet full Class IE IEEE requirements. Since Class IE qualification was not specifically required of all safety-related HVAC equipment at the time of procurement, most equipment is qualified to industry standards. However, in some particular instances, equipment was procured to exceed these standards. These additional requirements were applied largely to HVAC equipment inside containment.

TVA is continuing to collect data which will document the environmental qualifications of specified safety-related equipment.