

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower

February 26, 1982

USNRC REGION II  
ATLANTA, GEORGIA  
MAR 2  
A10: 51

WBRD-50-390/81-65, -391/81-61  
BLRD-50-438/81-51, -439/81-53  
HTRD-50-518/81-19, -519/81-15  
HTRD-50-520/81-17, -521/81-15  
PBRD-50-553/81-20, -554/81-14  
YCRD-50-566/81-18, -567/81-15

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:

WATTS BAR UNITS 1 AND 2, BELLEFONTE UNITS 1 AND 2, HARTSVILLE A AND B UNITS 1 AND 2, PHIPPS BEND UNITS 1 AND 2, AND YELLOW CREEK UNITS 1 AND 2 -  
WBRD-50-390/81-65, -391/81-61; BLRD-50-438/81-51, -439/81-53;  
HTRD-50-518/81-19, -519/81-15; HTRD-50-520/81-17, -521/81-15;  
PBRD-50-553/81-20, -554/81-14; YCRD-50-566/81-18, -567/81-15 -  
EN DES QA TRAINING PROGRAM - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on July 20, 1981 in accordance with paragraph 50.55(e) of 10 CFR Part 50 as NCR M7E-5E. Interim reports were submitted on August 20 and November 13, 1981. Enclosed is our third interim report. We expect to submit our next report by April 27, 1982.

If you have any questions, please get in touch with R. H. Shell at FTS 858-2688 for PWRs and J. Domer at FTS 858-2725 for BWRs.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Regulation and Safety

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

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## ENCLOSURE

WATTS BAR UNITS 1 AND 2, BELLEFONTE UNITS 1 AND 2, HARTSVILLE A AND UNITS 1 AND 2, PHIPPS BEND UNITS 1 AND 2, AND YELLOW CREEK UNITS 1 AND 2  
WBRD-50-390/81-65, -391/81-61; BLRD-50-438/81-51, -439/81-53;  
HTRD-50-518/81-19, -519/81-15; HTRD-50-520/81-17, -521/81-15;  
PBRD-50-553/81-20, -554/81-14; YCRD-50-566/81-18, -567/81-15 -  
EN DES QA TRAINING PROGRAM  
10 CFR 50.55(e)  
THIRD INTERIM REPORT

### Description of Deficiency

During an audit of TVA's Office of Engineering Design and Construction (OEDC) QA Staff, the following deficiencies were found:

1. The training courses in the Division of Engineering Design (EN DES) Indoctrination and Training Catalog dated February 1978 do not sufficiently cover all aspects of the training.
2. The method of evaluating the effectiveness of the training program (by use of a student questionnaire) is inadequate.
3. No QA procedure had been issued to establish approvals, responsibilities, objectives, and schedules for training programs.
4. Plans and schedules for training programs outlined in the training catalog have not been developed and formally submitted.

These deficiencies have contributed to a deficient EN DES QA training program which does not comply with 10CFR50, Appendix B, Criterion II.

### Interim Progress

QA course descriptions are continuing to be developed. Some of the course descriptions have not been fully developed yet. Revision 3 to Engineering Procedure (EP) 1.16 will be issued after the course description for "Design Review" is completed. This revision will also include the following previously completed course descriptions:

"Quality Assurance Orientation"  
"Quality Assurance Records Requirements"  
"Handling and Reporting of Nonconformances"  
"Indoctrination in Use of EN DES Procedures"  
"QA Techniques for Upper Management"

Future revisions will be issued as the remaining proposed course descriptions are completed. In addition to the position of QA training specialist previously reported, a position of QA training materials specialist was filled on October 19, 1981. Also, QA training was scheduled for the Quality Engineering Branch field office personnel, which consisted of three sessions with the field office supervisors during the week of January 11-15, 1982. Three future sessions at each of four different locations for the remainder of field office personnel have been tentatively scheduled. Further details will be provided in our next report.