TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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January 19, 1982

WBRD-50-390/82-05, -391/82-05
BLRD-50-438/82-02, -439/82-02
HTRD-50-518/82-01, -519/82-01
-520/82-01, -521/82-01
PBRD-50-553/82-01, -554/82-01
YCRD-50-566/82-01, -567/82-01

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

Dear Mr. O'Reilly:

WATTS BAR, BELLEFONTE, HARTSVILLE, PHIPPS BEND, AND YELLOW CREEK NUCLEAR PLANTS - REPORTABLE DEFICIENCY - GENERIC DEFICIENCY IN DESIGN REVIEW - WBRD-50-390/82-05, -391/82-05 - BLRD-50-438/82-02, -439/82-02 - HTRD-50-518/82-01, -519/82-01, -520/82-01, -521/82-01 - PBRD-50-553/82-01, -554/82-01 - YCRD-50-566/82-01, -567/82-01

The subject deficiency was initially reported to NRC-OIE, Region II, Inspector Ross Butcher on December 15, 1981 as NCR M81-13, Deficiency No. 5. In accordance with paragraph 50.55(e) of 10 CFR Part 50, we are enclosing our first interim report on the subject deficiency. A five-day extension was discussed with and approved by C. Burger of your staff on January 14, 1982. We anticipate transmitting the next report on or before March 30, 1982.

If you have any questions, please get in touch with Jim Domer at FTS 858-2725.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

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

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ENCLOSURE

WATTS BAR, BELLEFONTE, HARTSVILLE, PHIPPS BEND, AND YELLOW CREEK NUCLEAR PLANTS

GENERIC DEFICIENCY IN DESIGN REVIEW

10CFR50.55(e) REPORT NO. 1 (INTERIM)

WBRD-50-390/82-05, -391/82-05

BLRD-50-438/82-02, -439/82-02

HTRD-50-518/82-01, -519/82-01, -520/82-01, -521/82-01

PBRD-50-553/82-01, -554/82-01

YCRD-50-566/82-01, -567/82-01

Description of Deficiency

This deficiency is concerned with apparent failures of the design review process to verify the accuracy and adequacy of design documents. Evidence of this deficiency is illustrated by the large number of NCRs which were issued. For example, BLNBLP8119, BLNBLP8122, BLNBLP8118, BLNBLP8124, and WBNSWP8159 all involved inadequacies in issued design criteria or violations of issued design criteria by issued drawings, etc. BLNBLP8121, BLNBLP8123, WBNCEB8115, WBNSWP8157, and WBNSWP8155 involved inadequate design. BLNBLP8120, WBNCEB8116, WBNMEB8005, and WBNSWP8156 involved various inaccuracies in drawings or in analysis of the design. Each of these errors was discovered after the final design review was completed and procedures, drawings, etc., were issued. (This deficiency concerns only the design review process and does not concern the nonconformance program.)

Interim Progress

EN DES is currently evaluating this deficiency to determine the appropriate corrective action.