

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 24, 1982

BLRD-50-438/82-50

BLRD-50-439/82-45

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:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - CUTTING OF REBAR IN AUXILIARY
FEEDWATER PIPE TRENCH WITHOUT APPROVAL - BLRD-50-438/82-50,
BLRD-50-439/82-45 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on July 27, 1982 in accordance with 10 CFR 50.55(e) as
NCR 1872. Enclosed is our first interim report. We expect to submit our
next report by October 19, 1982.

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: Mr. Richard C. DeYoung, 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
CUTTING OF REBAR IN AUXILIARY FEEDWATER PIPE TRENCH WITHOUT APPROVAL
NCR 1872

BLRD-50-438/82-50, BLRD-50-439/82-45

10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

The auxiliary feedwater (AFW) pipe trench is a reinforced concrete structure housing quality level pipes (category I) and noncategory I pipes. To date seven work releases have been found allowing construction to cut reinforcing steel to install anchor bolts for pipe supports. However, these releases were issued without TVA's Division of Engineering Design's prior approval. An initial investigation revealed that the work releases had referenced the Auxiliary Building drawings rather than the AFW pipe trench drawings to approve cutting reinforcement.

Interim Progress

The areas of the trench and tunnel affected by the work releases are being investigated to determine which reinforcement was cut or damaged. The affected sections of the trench and tunnel are being analyzed to determine the structural adequacy with reduced reinforcement. TVA will provide more information in the next report.