TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

September 1, 1982

BLRD-50-438/82-55
BLRD-50-439/82-49

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 - CONDUIT LOADING ON ANNULUS FRAMING IN REACTOR BUILDING - BLRD-50-438/82-55, BLRD-50-439/82-49 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on August 2, 1982 in accordance with 10 CFR 50.55(e) as NCR BLN QAB 8204. Enclosed is our first interim report. We expect to submit our next report by December 7, 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, Manager
Nuclear Licensing

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

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
CONDUIT LOADING ON ANNULUS FRAMING IN REACTOR BUILDING
NCR BLN QAB 8204
BLRD-50-438/82-55, BLRD-50-439/82-49
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Conduit has been placed along a span of structural steel in the annulus of the Reactor Building. The steel was not designed to support the resultant torsional loading. The conduit is field routed by BLNP CONST. The apparent cause of the deficiency is the failure of TVA to make a sufficiently conservative estimate of applied loads during the design process.

Interim Progress

TVA is still investigating the subject deficiency. Additional information will be supplied in the next report.