

TENNESSEE VALLEY AUTHORITY REGION II
CHATTANOOGA, TENNESSEE 37401 ATLANTA, GEORGIA
400 Chestnut Street Tower II

81 DEC 17 9 11
December 14, 1981

BLRD-50-438/81-35
BLRD-50-439/81-38

Mr. James P. 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:

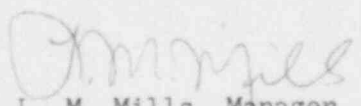
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - AUXILIARY BUILDING FUEL HANDLING
ZONE VENTILATION FANS - BLRD-50-438/81-35, BLRD-50-439/81-38 - SECOND
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on May 6, 1981 in accordance with 10 CFR 50.55(e) as
NCR BLN BLP 8111. This was followed by our first interim report dated
June 5, 1981. Enclosed is our second interim report. We expect to submit
our next report by June 15, 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 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
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
AUXILIARY BUILDING FUEL HANDLING ZONE VENTILATION FANS
BLRD-50-438/81-35, BLRD-50-439/81-38
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

The auxiliary building fuel handling zone ventilation supply air fans are mounted inside the common zone air intake plenums on elevation 686' along with hot water heating coils and chilled water cooling coils. Since these fans provide ventilation and cooling of fuel handling areas, they are an engineered safety feature (ESF). The heating and cooling coils are not qualified for seismic conditions since they were purchased nonseismic.

Interim Action

TVA is evaluating the cause and various methods of preventing possible flooding of the air intake plenum and subsequent failure of the fuel handling zone ventilation fans to determine the optimum design.