

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

May 25, 1984 MAY 30 P 1:04

BLRD-50-438/84-13
BLRD-50-439/84-12

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

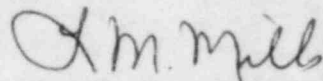
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - NUMEROUS DEFICIENCIES ON E-MAX
PANELS - BLRD-50-438/84-13, BLRD-50-439/84-12 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
P. E. Fredrickson on January 31, 1984 in accordance with 10 CFR 50.55(e)
as NCR 2784. This was followed by our interim report dated February 29,
1984. Enclosed is our second interim report. We expect to submit our next
report by September 13, 1984. We consider 10 CFR Part 21 applicable to
this deficiency.

If you have any questions, 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

Records Center (Enclosure)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
NUMEROUS DEFICIENCIES ON E-MAX PANELS
BLRD-50-438/84-13, BLRD-50-439/84-12
NCR 2784
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

Incorrect wiring connections have been identified on isolator cabinets manufactured for TVA for Bellefonte Nuclear Plant by E-Max Instruments, Incorporated, Englewood, Colorado. The isolators provide physical separation and electrical isolation between class 1E and non-class 1E circuits.

This NCR was determined to be significant based upon the repetitive NCRs which have been written against Balance-of-Plant (BOP) Isolator Cabinets supplied by E-Max, Inc. Information available at the site indicates that the cabinets were not source inspected by TVA.

Interim Progress

TVA has removed and reconnected, per vendor drawings, all wires found to be incorrectly connected. TVA has also determined that this deficiency does not apply to any other TVA nuclear plant, and has not occurred for Bellefonte on any subsequent contracts with E-Max. TVA is still investigating this item to determine the assignable cause.