

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

April 6, 1983

BLRD-50-438/83-25
BLRD-50-439/83-20

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 - MANUAL ADJUSTMENT OF DIESEL
GENERATOR SETPOINTS - BLRD-50-438/83-25, BLRD-50-439/83-20 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
P. E. Fredrickson on March 9, 1983 in accordance with 10 CFR 50.55(e) as
NCR BLN EEB 8302. Enclosed is our first interim report. We expect to
submit our next report by November 1, 1983.

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
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
MANUAL ADJUSTMENT OF DIESEL GENERATOR SETPOINTS
BLRD-50-438/83-25, BLRD-50-439/83-20
10 CFR 50.55(e)
NCR BLN EEB 8302
FIRST INTERIM REPORT

Description of Deficiency

For the standby diesel generators at Bellefonte, there are manual voltage and frequency controls in the main control room which can adjust the voltage and/or frequency levels of one or more diesel generators to values below the ready-to-load set points used during the automatic start-automatic load sequence. Because the diesel generators lack an automatic reset capability for output voltage and frequency during automatic starts, low manual setting would prevent the misadjusted generator(s) from initiating the automatic load sequence. Also, since adjustments away from acceptable values are not alarmed, the misadjustment(s) could go undetected until after an automatic start is initiated.

Interim Progress

TVA has begun contractual inquiries with Delaval, the diesel generator vendor, to modify the existing equipment.