

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1630 Chestnut Street Tower II

July 15, 1985

BLRD-50-438/85-19

BLRD-50-439/85-19

U.S. Nuclear Regulatory Commission

Region II

Attn: Dr. J. Nelson Grace, Regional Administrator

101 Marietta Street, NW, Suite 2900

Atlanta, Georgia 30323

Dear Dr. Grace:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - OVERHEATING OF TDI DIESEL GENERATOR
CONTROL PANELS - BLRD-50-438/85-19, BLRD-50-439/85-19 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Al Ignatonis on June 24, 1985 in accordance with 10 CFR 50.55(e) as NCR BLN
MEB 8504. Enclosed is our first interim report. We expect to submit our next
report on or about November 22, 1985. 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

J. W. Hufham, Manager
Licensing and Risk Protection

Enclosure

cc: Mr. James Jaylor, 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
OVERHEATING OF TDI DIESEL GENERATOR CONTROL PANELS
BLRD-50-438/85-19, BLRD-50-439/85-19
NCR BLN MEB 8504
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

TVA was notified by Transamerica Delaval, Incorporated (TDI) (Oakland, California), of a potential problem with equipment overheating in the standby diesel generator control panels for Bellefonte Nuclear Plant (BLN). The deficiency is a result of inadequate provisions for ventilation of the generator control panel. Overheating of the generator control panel can cause the linear reactor, which is a component of the control panel, to fail causing the control panel circuit breakers to trip which renders the standby diesel generator inoperable.

Interim Progress

TVA has received preliminary design information from TDI on installing additional ventilation in the generator control panels. TDI requested additional information from TVA in order to complete their design work. TVA is researching TDI's request and will furnish this information to TDI when available. We anticipate providing our next report on or by November 22, 1985.