

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

April 12, 1985

BLRD-50-438/85-11

BLRD-50-439/85-11

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 - CRACKED CYLINDER BLOCK ON TDI
DIESEL GENERATORS - BLRD-50-438/85-11 AND BLRD-50-439/85-11 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Al Ignatonis on March 18, 1985 in accordance with 10 CFR 50.55(e) as
NCR 4030. Enclosed is our first interim report. We expect to
submit our next report on or about July 15, 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. A. Hufham
for J. W. Hufham, Manager
Licensing and Regulations

Enclosure

cc (Enclosure):

Mr. James Taylor, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
CRACKED CYLINDER BLOCK ON TDI DIESEL GENERATORS
BLRD-50-438/85-11 AND BLRD-50-439/85-11
NCR 4030
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Upon the recommendation of the TDI Diesel Generator Owners Group, TVA implemented an extensive inspection and maintenance program that revealed cracks in components that would not ordinarily require inspection. Diesel generator 1B contained two cracks in the cylinder block extending 1-1/2-inch up the lip of the cylinder liner landing surface and 5/8-inch across the top of the block. The depth of the cracks are indeterminate at this time.

Interim Progress

TVA is presently evaluating the microstructure of the block material on both unit 1 diesel generators.