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 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME: RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: First interim deficiency rept re corrosion of diesel generator control panel, initially reported on 810320. Cause under investigation. Panel repair program to be developed. Next rept to be submitted by 810625.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 20, 1981

BLRD-50-439/81-28



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:

BELLEFRONTE NUCLEAR PLANT UNIT 2 - CORROSION OF DIESEL GENERATOR CONTROL
PANEL - BLRD-50-439/81-28 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector J. Crlenjak on March 20, 1981, in accordance with 10 CFR 50.55(e) as NCR 1380. Enclosed is our first interim report. We expect to submit our next report by June 25, 1981.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE
BELLEFONTE NUCLEAR PLANT UNIT 2
CORROSION OF DIESEL GENERATOR CONTROL PANEL
BLRD-50-439/81-28
FIRST INTERIM REPORT

Description of Deficiency

One of the Bellefonte diesel generator's control panels was improperly stored. As a result, the ferrous metal parts of the subcomponent voltage regulation panel have oxidized to the extent that the component is not capable of performing the function for which it was intended. In addition, corrosion of other components in the control panel, plates, nuts, and bolts, etc., of the diesel have rendered it inoperable in its present condition.

Interim Progress

TVA is in the process of investigating the cause and developing a program of repair of the diesel generator control panel. Transamerica Delaval's (the diesel generator vendor) site representative has been informed of the subject deficiency.