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PHILADELPHIA ELECTRIC COMPANY

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(215) 841-4500

V. S. BOYER
VICE-PRESIDENT

Mr. Boyce H. Grier
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: NRC Region 1 letter dated September 12, 1979
RE: I.E. Bulletin 79-23
"Potential Failure of Emergency Diesel
Generator Field Exciter Transformer"
Limerick Generating Station Units 1 and 2
Docket Nos. 50-352 and 50-353
File: GOVT 1-1 (IE Bulletin 79-23)

Dear Mr. Grier:

Philadelphia Electric Company has reviewed IE Bulletin No. 79-23 submitted with the subject letter received on September 13, 1979.

The exciter power transformer used on the Limerick diesel units is manufactured by Basler Electric Company, and the primary winding is connected wye with floating neutral. No connection is made to the neutral of the wye connected generator, which is grounded through a resistor. Therefore, the problem addressed by IE Bulletin No. 79-23 will not occur on the Limerick units.

The Limerick diesel generators will be tested in accordance with Regulatory Guide 1.108. Tests will be conducted on Unit 1 diesel units as part of the preoperational start-up test phase. Tests on Unit 2 diesel units will be conducted similarly.

Sincerely,

J. S. Limerick for V. S. Boyer

Copy to: US Nuclear Regulatory Commission
Office of Inspection and Enforcement
Division of Reactor Operations Inspection
Washington, DC 20555

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