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PHILADELPHIA ELECTRIC COMPANY

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JOHN S. KEMPER  
VICE-PRESIDENT  
ENGINEERING AND RESEARCH

AUG 25 1983

Mr. Thomas E. Murley, Director  
United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement, Region I  
631 Park Avenue  
King of Prussia, PA 19406

SUBJECT: Significant Deficiency Report #74  
Interim Report on 4kV Switchgear Deficiency  
Limerick Generating Station, Units 1 and 2  
NRC Construction Permits Nos. CPPR-106 & 107  
50-352, 50-353

REFERENCES: (1) Telecon of February 25, 1983  
P. K. Pavlides (PECO) to R. Architzel  
and D. Johnson (USNRC)  
(2) Interim report of March 24, 1983  
(3) Interim report of April 28, 1983  
D. D. Duvall (Brown-Boveri Electric, Inc.) to  
Victor Stello, Jr. (USNRC)  
(4) Interim report of June 17, 1983

FILE: QUAL 2-10-2 (SDR #74)

Dear Mr. Murley:

In compliance with 10CFR50.55(e), this is an interim report on the subject deficiency. Two interim reports (References 2 & 4) were previously submitted to your office by PECO whereas the Reference 3 interim report was submitted to Mr. Victor Stello, Jr.'s office in Washington, D.C. by Brown-Boveri Electric, Inc.

The deficiency has been corrected in all but one breaker, either by adding the omitted spring to the operating mechanism or, in a few cases, by replacing the existing spring. One breaker has continued to misoperate and it has been

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Mr. Thomas E. Murley

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returned to Brown-Boveri for comprehensive testing and inspection.  
We expect this process to be completed and the final report submitted  
to you by November 25, 1983.

Sincerely,

*J S Kemper*  
*by G M McCarty*

Copy to: Director of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

S. K. Chaudhary, Resident NRC Inspector (Limerick)

DCD/mc