

# PHILADELPHIA ELECTRIC COMPANY

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JOHN S. KEMPER  
VICE-PRESIDENT  
ENGINEERING AND RESEARCH

FEB 15 1985

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Docket Nos.: 50-352  
50-353  
Fol No.: NPF-27

Subject: Limerick Generating Station, Units 1 and 2  
Satisfaction of License Condition 14(a)  
Remote Shutdown System

Reference: Letter, D. G. Eisenhower to E. G. Bauer Jr.,  
"Issuance of Facility Operating License NPF-27  
Limerick Generating Station, Unit 1",  
October 26, 1984.

File: GOVT 1-1 (NRC)

Dear Mr. Schwencer:

License Condition 14(a) Remote Shutdown System requires that prior to exceeding 5% power, we provide information on the changes to be made at the first refueling outage, and information regarding the interim provisions for a redundant remote shutdown capability using procedures and existing equipment. We believe that this letter provides the information required to satisfy the License Condition.

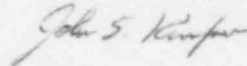
The Limerick plant procedures identify specific redundant equipment to be used in the event of failure or unavailability of equipment controlled from the remote shutdown panel. This redundant equipment includes HPCI, Relief Valves (S,H,M,E & K), "B" RHR, "B" RHR Service Water, and "B" Emergency Service Water. The procedures identify jumpers required to operate the 4 kV switchgear locally, and manual valve alignments required to support system operations. The procedures also identify redundant instrumentation for assessment of equipment and plant status.

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We have identified the need for three hardware changes to eliminate the necessity of using jumpers or the rewiring of circuits when using the redundant remote shutdown capability. A keylocked transfer switch will be installed on each of the "B" RHR, "B" RHR Service Water, and "B" Emergency Service Water pump motor circuit breaker cubicles. The transfer switch will enable control of the pump motors by using the pump motor circuit breaker test switch. Engineering of these changes has been initiated, and, in conformance with License Condition 14(a), implementation of these changes is scheduled to be completed during the first refueling outage.

Sincerely,

A handwritten signature in cursive script, appearing to read "John S. Kimper".

DFC/cw/02018501

cc: See attached service list

cc: Judge Helen F. Hoyt  
Judge Jerry Harbour  
Judge Richard F. Cole  
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