

November 18, 1998

Mr. Garrett D. Edwards  
Director-Licensing, MC 62A-1  
PECO Energy Company  
Nuclear Group Headquarters  
Correspondence Control Desk  
P.O. Box No. 195  
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SUBJECT: UPDATED TECHNICAL SPECIFICATIONS BASES PAGES, LIMERICK  
GENERATING STATION, UNITS 1 AND 2 (TAC NOS. MA3936 AND MA3937)

Dear Mr. Edwards:

By letter dated October 13, 1998, the Philadelphia Electric Company submitted a change to Technical Specifications Bases Section B 3/4.8.4, "Electrical Equipment Protective Devices," page B 3/4 8-3 for Limerick Generating Station, Units 1 and 2. The change clarifies the thermal overload operation for motor-operated valves with maintained contact control switches. We have reviewed the change and have no objection to the wording.

Sincerely,

original signed by:  
Bartholomew C. Buckley, Senior Project Manager  
Project Directorate I-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

Enclosure: Bases Pages

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**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

WASHINGTON, D.C. 20555-0001

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Mr. Garrett D. Edwards  
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Limerick Generating Station, Units 1 & 2

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## ELECTRICAL POWER SYSTEMS

### BASES

#### 3/4.8.4 ELECTRICAL EQUIPMENT PROTECTIVE DEVICES

Bypassing motor operated valves thermal overload protection ensures that the thermal overload protection will not prevent safety related valves from performing their function. For motor operated valves with spring return-to-center control switches, the thermal overload is bypassed by the automatic control signals associated with the Class 1E valves. For Class 1E motor operated valves with maintained contact control switches, the thermal overloads do not interrupt the valve motor power circuit, but they alarm on an overload condition in the control room. The Surveillance Requirements for demonstrating the bypassing of the thermal overload protection continuously are met by functionally testing the automatic operation of the motor operated valve and ensuring that the motor thermal overload protection design does not change and is in accordance with Regulatory Guide 1.106 "Thermal Overload Protection for Electric Motors on Motor Operated Valves", Revision 1, March 1977.

ELECTRICAL POWER SYSTEMS

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