UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

Docket Nos. 50-277
50-278

MAR 11 1981

Philadelphia Electric Company
ATTN: Mr. S. L. Daltroff
Vice President
Electric Production
2301 Market Street
Philadelphia, Pennsylvania 19101

Gentlemen:

The enclosed IE Information Notice No. 81-06, "Failure of ITE Model K-600 Circuit Breaker," is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office.

Sincerely,

Boyce H. Grier

Boyce H. Grier
Director

Enclosure:
1. IE Information Notice No. 81-06 with 1 attachment

CONTACT: S. D. Ebneter
(215-337-5283)

cc w/encl:
W. T. Ullrich, Station Superintendent
Troy B. Conner, Jr., Esquire
Eugene J. Bradley, Esquire
Raymond L. Hovis, Esquire
Michael J. Scibinico, II, Assistant Attorney General

SSINS No.: 6835
Accession No.:
8011040269
IN 81-06

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

March 11, 1981

IE Information Notice NO. 81-06: FAILURE OF ITE MODEL K-600 CIRCUIT BREAKER

Purpose:

The purpose of this information notice is to provide early notification of a matter that could adversely affect the safety of nuclear power plants. Toward this end, this information notice alerts holders of operating licenses and construction permits of a possibly generic deficiency involving Model K-600 circuit breakers manufactured by ITE.

Description of Circumstance:

By letter dated February 20, 1981, the Sacramento Municipal Utility District informed us that, while performing preventive maintenance on electrical circuit breakers at its Rancho Seco facility, an ITE Model K-600 breaker was observed not to trip. An investigation revealed that a tripping coil wire had slipped out of its terminal. Further examinations revealed that the coil wire size was AWG 20, whereas the mating lug was sized for AWG 16-14 wire. A check of other ITE electrical breakers indicated that the problem may be generic. Subsequent to the letter, the Sacramento Municipal Utility District informed us orally that ITE Model K-1600 breakers have the same deficiency and that Model K-3000 breakers may be similarly affected.

The information provided by the Sacramento Municipal Utility District is preliminary and will be followed by a complete report. Consequently, we have not yet evaluated the safety significance of this event. Nevertheless, the information herein is being provided as an early notification of a possibly significant event. Although no specific action or response is requested at this time, recipients should review the information for possible applicability to their facilities. If NRC evaluations so indicate, further licensee actions may be requested.

If you have any question regarding the information contained herein, please contact the Director of the appropriate NRC Regional Office.

Attachment:
Recently issued IE Information Notices

RECENTLY ISSUED
IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued to
81-05	Degraded DC System at Palisades	3/10/81	All holders of a power reactor OL or CP
81-04	Cracking in Main Steam Lines	2/27/81	All holders of a power reactor OL or CP
81-03	Checklist for Licensees Making Notifications of Significant Events in Accordance with 10 CFR 50.72	2/2/81	All holders of a power reactor OL or NTOL
81-02	Transportation of Radiography Devices	1/23/81	All holders of a radiography license
81-01	Possible Failures of General Electric Type HFA Relays	1/16/81	All holders of a power reactor OL or CP
80-45	Potential Failure of BWR Backup Manual Scram Capability	12/17/80	All holders of a power reactor OL or CP
80-44	Actuation of ECCS in the Recirculation Mode While in Hot Shutdown	12/14/80	All holders of a PWR power reactor OL or CP
80-43	Failures of the Continuous Water Level Monitor for the Scram Discharge Volume at Dresden Unit No. 2	12/5/80	All holders of a BWR power reactor OL or CP
80-29 Supplement No. 1	Broken Studs on Terry Turbine Steam Inlet Flange	11/26/80	All holders of a power reactor OL or CP