

PHILADELPHIA ELECTRIC COMPANY
Peach Bottom Atomic Power Station
Delta, Pennsylvania
17314

DESIGNATED ORIGINAL

Certified By

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March 15, 1983

Mr. R. C. Haynes
Administrator
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: REPORTABLE OCCURRENCE - PROMPT NOTIFICATION

Confirming A. J. Wasing's telephone conversation with R. A. Blough,
Region I, United States Nuclear Regulatory Commission on 3/14/83.

References: Docket No. 50-278
Peach Bottom Unit 3
Technical Specification 3.10.A.1

Report No. 3-83-5/1P
Occurrence Date: 3/12/83 (discovered 3/14/83)

Identification of Occurrence:

Following repairs to the refueling bridge interlock control cable on 3/13/83, surveillance testing indicated that the refueling interlocks associated with bridge travel over the reactor were inoperable. The interlocks were repaired and successfully tested. Later, on 3/14/83, inspection of computer alarm typer printouts since the last surveillance test revealed that these interlocks were also inoperable during the movement of four fuel bundles.

Conditions Prior to Occurrence:

Unit 3 shutdown for refueling.

Apparent Cause of Occurrence:

A mispositioned refueling bridge position switch prevented actuation of the refueling interlocks when the refueling bridge moved over the reactor.

Analysis of Occurrence:

Failure of the refueling interlocks had minimal safety significance because only four fuel bundles were moved while the interlocks were inoperable and these moves were made in a manner consistent with the refueling interlock constraints. In addition, all four bundles were moved from the reactor to the fuel pool; therefore, no core reactivity increase occurred as a result of these fuel moves.

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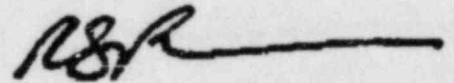
Corrective Action:

The refueling bridge position switch was readjusted and the refueling interlocks were successfully tested. The fuel handling procedure will be revised to monitor the operability of the refueling interlocks using the rod withdrawal permissive indicating light whenever fuel movements occur over the reactor.

Previous Occurrence:

3-76-8-11

Very truly yours,



R. S. Fleischmann
Station Superintendent