

Certified By

*map***PHILADELPHIA ELECTRIC COMPANY****PEACH BOTTOM ATOMIC POWER STATION****R. D. 1, BOX 288****DELTA, PENNSYLVANIA 17814****April 8, 1983**

Mr. James M. Allan  
Acting Administrator  
Region I  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

**SUBJECT: REPORTABLE OCCURRENCE - PROMPT NOTIFICATION**

Confirming A. J. Wasong's conversation with Mr. Blough, Region I,  
United States Nuclear Regulatory Commission on 4/8/83.

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

Report No.: 3-83-11/1P  
Occurrence Date: 4/7/83

**Identification of Occurrence:**

Due to a loss of control rod position indication from control rods 22-47, 58-31, and 54-15, a full-in position signal was jumpered into the probe buffer cards for these control rods on 3/16, 3/26, and 4/2 respectively. All three rods were verified to be fully inserted when the jumpers were applied. Because no measures were taken to prevent withdrawal of these rods, the inputs to the refuel interlocks for these rods were essentially defeated by the application of the jumpers. Thus, these rods could have been withdrawn without initiating the single control rod interlock.

**Conditions Prior to Occurrence:**

Unit 3 shutdown for refueling outage.

**Apparent Cause of Occurrence:**

Personnel error.

**Analysis of Occurrence:**

Defeating portions of the refuel interlocks had minimal safety significance because all rod motion during the period the jumpers were installed was consistent with refuel interlock constraints. In addition, no fuel was transferred to the reactor during this period. However, core alternations were made at various times during the period.

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Corrective Action:

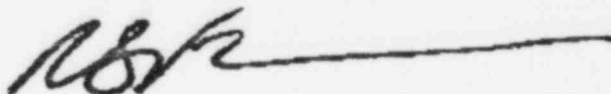
Jumpers on the probe buffer cards for control rod 22-47 and 58-31 were removed on 4/6 in preparation for other work. Jumpers associated with control rod 54-15 remain installed because the position indication probe is defective. However, positive administrative control has been applied to prevent control rod withdrawal until proper rod position indication is restored and the jumper is removed.

Appropriate disciplinary action will be taken regarding personnel responsibility for the administrative control of these jumpers. Further use of the jumper procedure has been suspended pending additional review.

Previous Occurrence:

None.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'R. S. Fleischmann', followed by a long horizontal line extending to the right.

R. S. Fleischmann  
Station Superintendent