D. Hilden

PHILADELPHIA ELECTRIC COMPANY
Peach Bottom Atomic Power Station
R.D. 1, Delta, Pennsylvania
17314

DESIGNATED ORIGINAL

Certified By M. A. Perkins

May 5, 1982

Mr. R. C. Haynes, Director
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 Ken Hunt's conversation with Mr. Blough, Region I, United States Nuclear Regulatory Commission on 5/5/82.

Reference: Docket No. 50-278
Peach Bottom Unit 3
Technical Specification Table 3.5.K.2
Technical Specification Reference: 6.9.2.A(8)

LER Report No.: 3-82-6/1P
Occurrence Date: 5/4/82

Identification of Occurrence:

Calculational error in ODYN analysis of MCPR for pressurization events for Unit 3 Reload 4.

Conditions Prior to Occurrence:

Unit 3 operation at full load.

Apparent Cause of Occurrence:

General Electric Company calculational error.

Analysis of Occurrence:

General Electric Company has informed PECompany that the ODYN pressurization events MCPR values originally provided are estimated to be nonconservative by less than or equal to .03. The limiting MCPR for pressurization events is the feedwater controller failures which values are listed below:

8x8	- 1.21
8x8R	- 1.21
PTA/P8x8R	- 1.23

Presently, the Technical Specification values for MCPR (BOC to 2000 MWD/T before EOC) are:

8x8	- 1.24
8x8R	- 1.24
PTA/P8x8R	- 1.25

IE29 1/0

This results in the MCPR for the PTA/P8x8R fuel being non-conservative by no more than .01. Therefore, operation of Unit 3 at MCPR values equal to or less than 99% of the present Technical Specification limit compensates for the calculational error and meets actual revised limits.

A review of operating history associated with MCPR values on Unit 3 has been performed. It appears that the reactor has not operated at greater than 98% of the MCPR limit during the present cycle. Safety concerns are therefore minimal.

Corrective Action:

Present reactor operation provides an MCPR value of 91.3% of limits. Instructions have been issued to temporarily limit MCPR to 95% until computer values, if required, can be changed.

General Electric is providing a suggested conservative new operating MCPR limit. These values are expected on or before 5/6/82. Following PECompany review, the computer limits will be adjusted if required, in accordance with General Electric recommendations.

Further corrective action shall be provided in the follow-up report.

Very truly yours,

W. T. Ullrich
Station Superintendent

WTU:llh