

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

17314

Certified By

M. A. Perkins

May 5, 1982

Mr. P. 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. 50-273
Peach Bottom Unit 3
Technical Specification Table 3.5.K.2
Technical Specification Reference: 6.9.2.A(8)

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

Identification of Occurrence:

Calculational error in ODTN 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 ODTN
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
(1/2 JC to 2000 MWD/T before DCC) are:

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

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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.

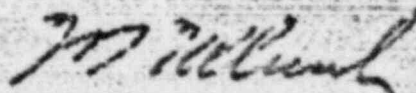
Corrective Action:

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 PECO 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