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BALTIMORE GAS AND ELECTRIC COMPANY

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NUCLEAR POWER DEPARTMENT
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND 20657

September 1, 1983

Dr. Thomas E. Murley
Regional Administrator
U. S. Nuclear Regulatory Commission
Region 1
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: LER 83-42 (U-2)

Dear Dr. Murley:

This letter is to confirm our verbal notification of your Mr. David Trimble that 22 Feedwater Regulating Valve would not decrease feedwater flow to 5% within 20 seconds as required by T.S. 3.3.2.1. This report is submitted per T.S. 6.9.1.8. The event and cause description are as follows.

Investigation of Post Trip data following a reactor trip of 8-9-83 revealed a rapid filling of 22 Steam Generator. This initially was attributed to a spurious initiation of Auxiliary Feed Water concurrent with the trip. A review of Post Trip data on a subsequent trip on 8-22-83 again indicated a rapid filling of 22 Steam Generator. Troubleshooting of 22 Feedwater Regulating Valve revealed it was stroking too slowly. The valve was exercised and its stroke time decreased to within specification prior to restart of the unit. On 8-31-83 the General Supervisor, Operations determined that the two instances of rapid filling of 22 Steam Generator resulted from the failure of feed flow to be reduced to 5% within 20 seconds as required by T.S. 3.3.2.1. Further investigation following a reactor trip on 8-31-83 revealed that 22 Feedwater Regulating Bypass Valve was opening to allow greater than 5% feedwater flow following reactor trip. The valve was adjusted prior to restart of the unit.

A more complete description as to the cause of this event and corrective action taken to prevent recurrence will be contained in the follow-up report.

Very truly yours,

L B Russell

L. B. Russell
Plant Superintendent

cc: J. A. Tiernan
Director, Office of Management
Information & Program Control
M. A. Junge

R. M. Douglass
R. E. Architzel
L. B. Russell
J. M. Moreira

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