

PRELIMINARY NOTIFICATION

Date: May 22, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-80-81A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Baltimore Gas and Electric Company
Calvert Cliffs Unit 1
(DN 50-317)

Subject: INOPERABILITY OF AUXILIARY FEEDWATER

This update is for clarification. The May 20, 1980 manual reactor trip was initiated because of high turbine bearing temperature resulting from loss of both Service Water Systems. That loss also affected Main Feedwater (MFW) pump cooling and necessitated Auxiliary Feedwater (AFW) use for Decay Heat Removal (DHR). The Service Water loss was caused by air binding of the common suction header after the No. 12 system was placed back online subsequent to routine heat exchanger salt water side tube cleaning. The air source was a faulty after-cooler on an instrument air compressor and was isolated. Then, Service Water was vented and restored to service and DHR was shifted to MFW. With MFW back online and level in the online Condensate Storage Tank (CST) having been lowered through use, the Senior Control Room Operator decided to shift AFW suction to the other CST but gave improper directions (valve numbers), causing the securing of all AFW suction. That condition existed for about 3 hours before identification of absence of AFW suction pressure prompted lineup correction.

Licensee procedures have been modified to require additional checking of AFW lineup modifications plus verification of proper suction pressure. The SRI is conducting a special inspection of this sequence of events, including operating, logging, and reporting aspects.

This update is issued for information only.

Contact: E. C. McCabe 488-1251 E. J. Brunner 488-1240

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