



UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION III
799 ROOSEVELT ROAD
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June 28, 1974

H. D. Thornburg, Chief, Field Support and Enforcement Branch,
Regulatory Operations, Headquarters

THRU: G. Fiorelli, Chief, Reactor Operations Branch

COMMONWEALTH EDISON COMPANY (DRESDEN 3)
DOCKET NO. 50-249
FEEDWATER SYSTEM WATER HAMMER

The above system received a "water hammer" on June 24, 1974 during operation at 660 MWe which resulted in damage to the pipe support system between the feedwater pumps and the outer feedwater isolation valve. The licensee subsequently shut down the unit for inspection. RO III inspectors viewed the damage and sequence of events at the site on June 25. A Blue Sheet was forwarded to Headquarters on June 27. The licensee is planning reactor restart date on June 28.

Per my telephone discussions on June 24 and 27, with K. V. Seyfrit, we request your assistance in reviewing the adequacy of the licensee's decision to perform magnetic particle inspection of the affected piping and not a stress analysis. In our view the indicated pipe motion as observed by displacement of pipe supports suggests the later. We recognize that this system is not classified by Regulatory as a safety related system but recommend that this attention be directed toward a system which has demonstrated the capability of generating forces which may require a reactor safety system to function.

H. C. Dance
Senior Reactor Inspector

cc: J. G. Keppler, RO:III
R. C. Knop, RO:III
K. V. Seyfrit, RO:HQ
RO Files
DR Central Files