

AUG 24 1983

MEMORANDUM FOR: Karl V. Seyfrit, Chief
 Reactor Operations Analysis Branch
 Office for Analysis and Evaluation
 of Operational Data

THRU: Earl J. Brown, Lead Engineer
 Engineering Systems
 Reactor Operations Analysis Branch

FROM: Chuck Hsu, Engineer
 Engineering Systems
 Reactor Operations Analysis Branch

SUBJECT: TR NO. AEOD/T329
 LEAK IN RWCU "B" REGENERATIVE HEAT
 EXCHANGER RELIEF LINE

AEOD/T329

54-373

The enclosed Technical Review Report is forwarded for your information and further consideration. This review concludes that the leak in the relief line was most likely caused by water hammer damage to the pipe. This is evidenced by the relief valve cycling open and closed due to pressure surges similar to those in water hammer. It appears that damaging water hammer could have occurred in the relief line as a result of rapid pump startup with line voiding. Since the occurrence of water hammer in the voided line could be precluded by proper administration of operating procedures, additional NRC staff action does not appear necessary.

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Chuck Hsu, Engineer
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Enclosure:
 As stated

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