

3150-0011
EXPIRES 4-30-82

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

PHONE: (301) 269-4742/4861

LER No.: 83-39/3L
Docket No.: 50-318
License No.: DPR 69
Event Date: 08-15-83
Report Date: 09-07-83
Attachment

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

On August 15, 1983, 2-CV-4071 (steam supply from number 22 Steam Generator to number 21 Steam Driven Auxiliary Feed Pump) failed open causing number 21 Auxiliary Feedwater Pump to automatically start. (Number 22 Auxiliary Feedwater Pump was in standby.)

The diaphragm was replaced and the valve cycled satisfactorily. Number 21 Auxiliary Feedwater Pump was aligned for automatic initiation at 175C on August 15, 1983, terminating the event.

Upon further investigation it was revealed that the diaphragm plate nut on 2-CV-4071 was loose when disassembled and when the new diaphragm was installed it was torqued to an unknown value. The subject nut should be torqued to 400 ft./lb. per Fisher Controls.

Further corrective action will be to check the torque on the diaphragm plate nut to 400 ft./lb. of torque on 2-CV-4071 and other Fisher control valves (with type 657NS actuators) associated with the auxiliary feedwater modification at the next cold shutdown and to recheck them during the next refueling outage. Maintenance personnel will be guided by Fisher Instruction Manual on Type 657NS Diaphragm actuators. The next cold shutdown is planned for 9-17-83.

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

September 9, 1983

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

Docket No. 50-318
License No. DPR 69

Dear Dr. Murley:

Attached is LER 83-39/3L, as required per Technical Specification 6.9.

Should you have any questions regarding this report, we would be pleased to discuss them with you.

Very truly yours,

L.B. Russell
L.B. Russell
Plant Superintendent

LBR:WTL:jcs

cc: Director, Office of Management Information
and Program Control
A.E. Lundvall, Jr.
J.A. Tiernan

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