

3150-0011
EXPIRES 4-30-82

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

PHONE: 301-269-4969/4514

LER NO. 83-36/3L
DOCKET NO. 50-318
LICENSE NO. DPR 69
EVENT DATE 07-19-83
REPORT DATE 08-17-83
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (CONT'D)

At 0900 during Surveillance Testing (Functional Trip Tests) of the Reactor Trip Circuit Breakers (TCB) undervoltage (U/V) and shunt trip devices, TCBs 4 and 7 exhibited sluggish trips when tripped by the U/V device. The shunt devices produced satisfactory trips. The response time of TCBs 4 and 7 exceeded that required by T.S. 3.3.1.1 when tripped by the U/V device. TCBs 4 and 7 and their U/V devices were adjusted and tested satisfactorily at 1700.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The cause of this event is under investigation. Testing of TCBs 4 and 7 revealed the U/V device's pickup voltage settings and positive trip travel adjustments were outside of specifications. Subsequently, TCBs 1, 2, 3, 5, 6 and 8 were similarly tested and were found to have satisfactory response times, but each of these TCBs had from 1 to 4 adjustments/settings that were outside of specifications similarly to TCBs 4 and 7. Therefore, the cause of the sluggish U/V trip on TCBs 4 and 7 is not clear. All TCBs were adjusted to within required margins, trip shaft and trip latch roller bearings were lubricated, and post-maintenance tested satisfactorily. A new surveillance and preventative maintenance program has been initiated which follows the guidelines of Combustion Engineering's Availability Data Program Infobulletin No. 83-07 of June 15, 1983 and includes the recommendations of General Electric Service Advice letter (SAL) 175 and the supplement to GE SAL 175. The new program will allow for better trending of TCB U/V device problems. All TCBs' U/V devices are being response time tested monthly and out of specification results trended for failure mode determination.

Because the new program has only been in effect for two months, insufficient trend data is available to prove a definitive cause. An update report will be submitted when trend analysis determines the cause of this event.

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

August 17, 1983

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

Docket No. 50-318
License No. DPR 69

Dear Dr. Murley:

Attached is LER 83-36/3L, 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,

LBR
L. B. Russell
Plant Superintendent

LBR:RBS:bsb

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

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