

Letter from Carolina Power and Light Company, E. E. Utley,
dated August 7, 1973 - ROB 73-2 - 50-261

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Carolina Power & Light Company

August 7, 1973

File: 5211.2

Serial: NG-73-260

Mr. Norman C. Moseley
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, N.W.
Atlanta, Georgia 30303

Dear Mr. Moseley:

H. B. ROBINSON UNIT NO. 2

LICENSE NO. DPR-23

DRO BULLETIN NO. 73-2

MALFUNCTION OF CONTAINMENT PURGE SUPPLY VALVE SWITCH

In response to your letter of July 13, 1973, concerning DRO Bulletin No. 73-2, a review of the control circuit for the containment ventilation system isolation valves was made.

The review indicated the Robinson Unit 2 purge valve control system is unlike that of Point Beach 2 described in your bulletin. The purge valve control system and the two identical control systems for the two purge fan motors are interlocked. Turning a momentary contact switch on either of the fan control systems will automatically open the purge valves and start the fan motors. These switches on the fan control systems are the only means of manually opening the purge valves. Connected in series with the solenoid relays which actuate the valves are two sets of normally closed relay contacts. On receipt of a containment isolation signal or a signal from the radiation monitoring system these contacts will open, de-energizing the solenoid relays and closing the purge valves.

In the event that the control switch which manually operates the exhaust fan motors (and, consequently, the purge valves) failed such that these valves could not be closed from this switch, a containment isolation signal or a radiation monitoring system signal would independently close the valves. Therefore, under normal operating situations one of these two systems could be manually actuated from the control room to close the isolation valves until repairs could be made on the failed switch.

Mr. Norman C. Moseley

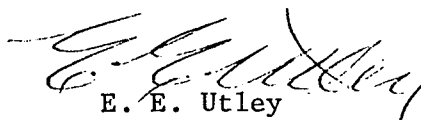
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In an accident situation the valves would automatically close on receipt of a signal from these systems despite the failed switch.

We believe that our purge system meets the design requirements and needs no modification.

Yours very truly,


E. E. Utley
Vice-President
Bulk Power Supply

KPY:NBB:mvp

cc: Messrs. C. D. Barham
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