LICENSEE EVENT REPORT

UPDATE REPORT - Previous Report Date 11-02-78

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: (1)

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Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No: 50-338
Report No: LER 78-107/03X-1

Description of Event:

Two pumps, 1-RM-159A & B are provided to collect air samples. Normally one pump is operating with one used as a spare.

On 10-5-78, the breaker to 1-RM-159B was opened to allow repairs on the pump. Unknown to operating personnel, the breaker to 1-RM-159B also supplied power to 1-RM-159A and power was lost to 1-RM-159A. Approximately two (2) hours later, it was realized both pumps were secured. 1-RM-159B was repaired in this period and power restored to both pumps.

Probable Consequences of Occurrence:

The Reactor Coolant System leakage detection systems required by T.S. 3.4.6.1, are provided to monitor and detect leakage from the Reactor Coolant Pressure Boundary. The loss of the radiation monitoring leakage detection portion of this system for approximately two hours, which was within the six hours Action Statement given in this specification, resulted in no danger to the operating personnel or the public.

Cause:

The design of the Particulate and Gas Monitoring System does not provide for separate power supplies to 1-RM-159A and B. Thus, isolating power to one motor isolates power to both motors.

Immediate Corrective Action:

Restore power to the containment particulate and gas monitoring pumps.

Scheduled Corrective Action:

A means of providing separate power supplies to these pumps is presently being investigated and will be implemented by means of a design change.

Action Taken to Prevent Recurrence:

No action required.