



LER ATTACHMENT - RO # 2-81-82

Facility: BSEP Unit No. 2

Event Date: 8-4-81

Following the discovery that the suppression pool level was out of specification, special surveillance of all ECCS Systems' minimum flow valves was performed to determine the source of the inleakage to the suppression pool. It was discovered that the HPCI System minimum flow valve, 2-E41-F012, had failed in the open position due to a failure of the valve operator motor. An inspection of the motor revealed burned windings that failed due to out of adjustment valve open position limit switches. As designed, the motor incorporates limits switches in the valve open position to prevent motor overtorquing. The switches apparently became out of adjustment and allowed the valve motor to burn up while attempting to drive the disk into its open seat. Following the receipt of a rewound motor, the valve operator to F012 will be repaired and returned to service.