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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-043/03L-0
EVENT DATE: 04-12-82

TITLE OF THE EVENT: MOV-1862A Malfunction

1. DESCRIPTION OF EVENT:

During the performance of Periodic Test 18.6, MOV-1862A, RWST to low head safety injection pump suction, failed to close. The investigating operator found the hand wheel engaged and the motor running unloaded. This event is contrary to Technical Specification 3.3.A.7 and is reportable pursuant to 6.6.2.b.(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

MOV-1862A is required to operate only during the SI Recirculation Mode Transfer (RMT) following a LOCA and subsequent depressurization of the RCS. After the RWST Lo Level initiates the RMT and the LHSI suction valves from the Containment Sump are fully open, this valve is required to close. The suction valve for the redundant SI Train operated normally, therefore the health and safety of the public were not affected.

3. CAUSE:

The hand wheel was engaged and it's release mechanism was binding. When the motor started, it could not engage the gear train.

4. IMMEDIATE CORRECTIVE ACTION:

The hand wheel release mechanism was cleaned and lubricated. The valve cycled satisfactory during subsequent testing.

5. SUBSEQUENT CORRECTIVE ACTION:

None deemed necessary.

6. ACTION TAKEN TO PREVENT RECURRENCE:

None.

7. GENERIC IMPLICATIONS:

There are no Generic Implications to this event.