

ATTACHMENT 1
SURREY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-044/03L-0
EVENT DATE: 04-12-82

TITLE OF THE EVENT: Radiation Monitor (RM-CC-105) Failure to Alarm

1. DESCRIPTION OF EVENT:

With Unit One at 97% power and Unit Two at 96% power, PT 26.1 revealed that the Component Cooling System Radiation Monitor, RM-CC-105, was reading slightly above the alarm setpoint, but not alarming. This is contrary to T.S.3.13 and is reportable in accordance with T.S.6.6.2.b(4).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

The Component Cooling Water Radiation Monitor provides for the automatic closure of the Component Cooling Surge Tank Vent (HCV-CC-100) at alarm conditions. The vent valve discharges to atmosphere through the Process Vent System which is monitored by Process Vent Radiation Monitors RM-GW-101, & 102. Since the process vent monitors were operational, and no increase in activity level of the process vent system was indicated, the health and safety of the public were not affected.

3. CAUSE:

The failure of the radiation monitor to alarm at setpoint was due to a faulty alarm card.

4. IMMEDIATE CORRECTIVE ACTION:

Operations personnel performed A.P. 5.5 which requires closure of the C.C Surge Tank Vent Valve.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective alarm card for RM-CC-105 was replaced and the alarm setpoint was adjusted as required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

None required.

7. GENERIC IMPLICATIONS:

None.