

Surry Power Station, Unit No. 1
Docket No: 50-280
Report No: 79-043/03L-0
Event Date: 12-20-79

Attachment 1, page 1

Title of Report: Radiation Monitor Recorder (RR-175) Malfunction

1. Description of Event:

During normal routine operation with the unit at cold shutdown, the operator on duty discovered that radiation recorder (RR-175) was inoperable. This event, reportable under Technical Specification 6.6.2.b.2, is contrary to 3.11.A.5 on Liquid Waste and 3.11.B.4 on Gaseous and Particulate Waste recording.

2. Probable Consequences:

The radiation recorder receives signals from various radiation monitoring devices and periodically records the corresponding radiation levels to indicate trending. The failure of RR-175 precludes the ability to automatically trend the radiation indicator and monitors concerned here were in no way affected by the recorder failure. They continued to function properly with all alarms operable; therefore, the health and safety of the general public were not affected. Accountability for radioactivity releases is maintained by other methods and releases were well within allowable limits for the period involved.

3. Cause:

The string connecting the drive wheel to the recorder became detached, restricting movement of the recorder for a period of about 13 minutes.

4. Immediate Corrective Action:

The string was replaced and the recorder was returned to normal operation.

5. Subsequent Corrective Action:

None.

6. Future Corrective Action:

None.

7. Generic Implications:

While this event could occur again, it would appear to be of such a random nature that no generic implications are indicated.