

Surry Power Station, Unit 2
Docket No: 50-281
Report No: 79-012 / O&T-0
Event Date: 5-7-79

Title: New Fuel Impairments

1. Description of Event:

During a normal new fuel inspection, some discoloration and a white crystalline substance, later identified as a caustic solution, were found on sixty-two (62) of sixty-four (64) new fuel assemblies. The fuel is for use in Unit 2 (Cycle 5), which is presently shutdown and defueled. This report is made in accordance with 10 CFR 73 Section 73.71 Paragraph (b).

2. Probable Consequences:

The extent of damage, if any, to the new fuel assemblies is being evaluated. No activity was released.

3. Cause:

The event was caused by the unauthorized introduction of a caustic solution in the new fuel storage area. Investigation is still in progress.

4. Immediate Corrective Action:

All appropriate personnel and investigating authorities were notified. Samples of the foreign substance were taken and are being analyzed. The new fuel has been removed from the storage area and rinsed. The assemblies are being inspected for damage.

5. Subsequent Corrective Action:

Access to the new fuel storage area has been limited. Continued investigation will determine additional corrective action.

6. Action Taken to Prevent Recurrence:

The investigation will determine what actions must be taken to prevent recurrence.

7. Generic Implications:

None