

Virginia Electric and Power Company
North Anna Power Station, Unit 1
Docker No. 50-338
Report No. 80-062/03L-0
Attachment to LER 80-062/03L-0

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Description of Event

On July 8, 1980, with unit in mode 1, the equipment hatch escape lock inner door leaked while being air pressure tested. This is contrary to T.S. 3.6.1.3 and reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

The equipment hatch escape lock has an inner door as well as an outer door to maintain containment integrity with outside air. The outer hatch door seals were verified, by testing, to be satisfactory which assured the integrity of the containment. The inner hatch door was forced against its seals using a strongback and it was tested satisfactorily within the time period required by the action statement. Therefore, the health and safety of the general public were not affected.

Cause of Event

The equipment hatch escape lock failed the air pressure leak test due to deterioration of inner door seal and mating surfaces.

Immediate Corrective Action

Upon determination that the hatch leaked air, the seal on the inner door was removed and a used gasket in good condition was obtained from Surry Power Station and installed on the inner door. The hatch was retested and failed due to air leakage. A strongback, approved by the station safety committee, was installed on the inner door and the hatch was retested satisfactorily.

Scheduled Corrective Action

The sealing problem with the inner door will be investigated and corrected the next time containment vacuum is broken. After each opening of the hatch, the periodic surveillance test 1-PT-62.3, shall be performed.

Actions Taken to Prevent Recurrence

No further actions are required.

Generic Implications

There are no generic implications.