

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

PHONE: 703-894-5151

NRC USE ONLY

7911060 440

1271 274

7.926

Virginia Electric and Power Company
North Anna Power Station
Docket No. 50-338
Report No. LER 79-136/03L-0

Attachment: Page 1 of 1

Description of Event

On October 2, 1979, with the unit in cold shutdown, a cracking noise was heard coming from the output cable of breaker 15D3 to the 1J bus feeder breaker 15J11 and the cable was de-energized. This event is contrary to T.S. 3.8.1.2 and reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

The consequences of this event were minimal because the 1J bus was immediately shifted to the 1J emergency diesel generator. As a result, the health and safety of the general public were not affected. No generic implications exist for this occurrence.

Cause

The noise is believed to have been caused by two cables with different phases physically against each other which apparently resulted in a minor insulation break which caused the corona type noise.

Immediate Corrective Action

The 1J bus was shifted to the 1J emergency diesel generator and breakers 15D3 and 15J11 were opened to de-energize the affected cable. Temporary insulation was added to correct the problem and the cable re-energized.

Scheduled Corrective Action

As soon as conditions permit, the affected cable will be detached to allow the use of high voltage testers to check if cable breakdown is confined to the one section or whether it also occurred elsewhere on the cable. The electrical cable will then be repaired or replaced as determined necessary.

Actions Taken to Prevent Recurrence

Inspections of other high voltage (4160 volt) cable at the respective emergency bus will be performed. An engineering review will be performed to review this design and installation and the review will study possible modifications.