



Virginia Electric and Power Company  
North Anna Power Station, Unit No. 1  
Docket No. 50-338  
Report No. LER 82-015/03L-0

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#### Description of Event

On March 25, 1982, with Unit 1 in Mode 1, Reactor Coolant System unidentified leakage was determined to be 2.01 gpm which is greater than the 1 gpm allowed by T.S. 3.4.6.2. This event is reportable pursuant to T.S. 6.9.1.9.b.

#### Probable Consequences of Occurrence

Since the unidentified leakage was reduced below 1 gpm within four hours the public health and safety were not affected.

#### Cause of Event

The high unidentified Reactor Coolant System leakage was caused by a packing leak on 1-RC-129, a channel III pressurizer pressure and level instrument isolation valve. A similar event also involving 1-RC-129 occurred on February 11, 1982 and was reported in LER-RO-NI-82-05.

#### Immediate Corrective Action

The isolation valves to channel III pressurizer pressure (PT-1457), and pressurizer level (LT 1461) were closed to isolate the packing leak and reduce unidentified leakage below 1 gpm. Since instrument channels PI-1457 and LI-1461 were isolated from the Reactor Coolant System they were declared inoperable and placed in the trip condition within 1 hour as per T.S. 3.3.1.1. Valve 1-RC-129 was repacked, cycled and returned to service.

#### Scheduled Corrective Action

No scheduled corrective action is required

#### Actions Taken to Prevent Recurrence

No further action is required to prevent recurrence.

#### Generic Implications

There are no generic implications to this event.