



Virginia Electric and Power Company  
North Anna Power Station, Unit 1  
Docket No: 50-333  
Report No: 79-063/03L-0

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#### Description of Event

During normal startup a greater than 12 step disagreement was noted for rods H06, F08, K08, H10, C07, C09, E05 and L11. These rods were noted at various times during the startup and were corrected as they occurred. All RPI's were returned to service within one hour. Reactor power was less than 5% at the time of this event, therefore, the requirements of action statement A2 were met.

#### Probable Consequence of Occurrence

Operability of the control rod position indication is required to determine control rod position and thereby ensure compliance with the control rod alignment and insertion limits.

Since reactor power was below 50% there was no effect on the safe operation of the plant and the health and safety of the general public was not affected.

This event has no direct affect on Unit #2 since Unit #2 is not operational at this time. Since identical RPI circuitry exists for Unit #2, this problem of voltage drift may occur when Unit #2 does become operational.

#### Cause of Occurrence

This cause of the indicator disagreement was due to the electronic drift in the RPI circuitry. The exact cause was voltage drift in the associated signal conditioning card.

#### Immediate Corrective Action

Recalibration and functional check were performed on rods H06, F08, K08, H10, C07, C09, E05, and L11 individual rod position indicators.

#### Scheduled Corrective Action

An engineering study of IRPI drift is already in progress.

#### Action Taken To Prevent Recurrence

No further action required at this time.

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