

Virginia Electric and Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Report No. LER 79-118/03L-0

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Description of Event

On September 14, 1979, during steady state operation at 34% power, the temperature of the "B" steam generator support decreased below the Technical Specification limit of 225°F.

Probable Consequences of Occurrence

The consequences of this event were minimal because the steam generator support temperature was returned to greater than 255°F within the 4 hour time limit allowed by the ACTION statement. As a result, the public health and safety were not affected by this event.

Cause

The support heaters were being operated in manual due to problems with the RTD's which provide feedback to the control system. Operating personnel failed to recognize the low support temperature until the low limit was exceeded.

Immediate Corrective Action

All the steam generator support heaters were immediately energized to increase the temperature above 225°F.

Scheduled Corrective Action

A design change will be implemented during the current refueling outage to replace the defective RTD's if material becomes available. Otherwise, maintenance will repair the existing system.

Actions Taken to Prevent Recurrence

Operations personnel were reminded to check for trends while taking logs.

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