

Virginia Electric and Power Company  
North Anna Power Station, Unit #1  
Docket No. 50-338

NPF-4

24 Hour Reportable Event  
Written Follow-Up

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USNRC FILE  
CIT UNIT 1

Event: Failure of Process Cards due to shorting  
of Components to ground  
LER/RO 79-089/01T-0

POOR ORIGINAL

Vepco discovered that it is possible for their process cards, types NMD, NVP and A to fail causing adverse affects on the associated loop actions.

The cause of this discrepancy is the component layout of the cards. Because of the layout it is possible for components to short ground.

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Vepco has performed a Process Card Failure Analysis for each card in question. In this analysis the effect of card failure protection loops is closely examined.

Aug 2 11/0

There is no effect on the unit for continuous operations as a result of this discrepancy because in most cases the failure is in the conservative direction with the exception of Feedwater Flow. The Steam/Feedwater Flow Mismatch in coincidence with a Steam Generator