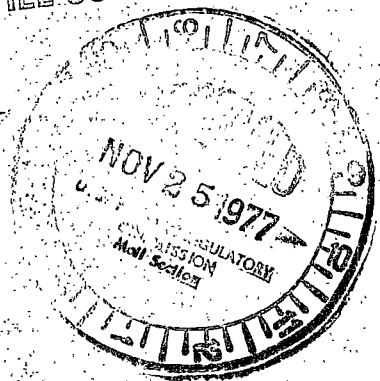


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VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261



November 23, 1977

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Region II - Suite 818  
230 Peachtree Street, Northwest  
Atlanta, Georgia 30303

Serial No. 530  
PO&M/TAP:dgt  
Docket No. 50-281  
License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specification 6.6.2, and reportable per T.S. 6.6.2b(2), the Virginia Electric and Power Company hereby submits LER No. 77-014-03-L-0.

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

*C. M. Stallings*

C. M. Stallings  
Vice President-Power Supply  
and Production Operations

Enclosures

40 copies LER-S2-77-14

cc: Mr. Robert W. Reid, Chief ✓  
Operating Reactors Branch 4

773290214



LER 77-014/03-L-0

Virginia Electric and Power Company  
Docket No. 050-0281  
Event Date: 10-29-77

On 10/29/77, during normal station operation, while attempting routine boration to achieve proper Boron concentration in the RCS, no flow was achieved through FCV-2113A. Subsequent investigation revealed Boron crystallization on the valve seat. Unit rampdown was commenced immediately. A Maintenance Report (MR-S2-16464) was submitted to correct the problem.

It was determined that the insulation installed during previous maintenance to the system was not adequate to permit the heat tracing to maintain proper pipe temperature. The valve was removed, seat and pipe cleaned, and valve reinstalled along with adequate heat tracing and insulation.

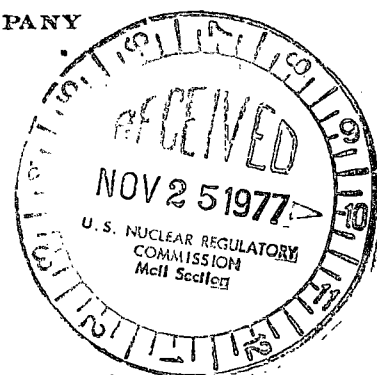
The health and safety of the public were not affected because full reactor control was available and alternate means of Boron addition were available through the Safety Injection system.

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VIRGINIA ELECTRIC AND POWER COMPANY  
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