

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

August 5, 1988

D. S. CRUDEN  
VICE PRESIDENT-NUCLEAR

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

Serial No. 87-707B  
NO/ETS:vlh  
Docket Nos. 50-280  
50-281  
License Nos. DPR-32  
DPR-37

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY  
SURRY POWER STATION UNITS 1 AND 2  
CONTAINMENT LINER TEST CHANNELS

In a letter dated February 8, 1988 (Serial Number 87-707), we submitted a technical evaluation for the containment liner weld leak-chase channels. The evaluation consisted of a comparison of the Surry Unit 1 and 2 containments to the Beaver Valley Unit 1 containment. These containments are of similar design (subatmospheric) and were constructed by the same company.

In subsequent phone calls, your staff requested additional information to complete the review of this matter. Attachment 1 provides the technical basis and supporting calculations to demonstrate that the leak-chase channels and the associated welds meet the requirements associated with the primary containment boundary acceptance criteria. In addition, Attachment 2 provides a summary of the inspection performed on the Unit 1 containment liner outage prior to the June 1988 Type A test.

If you have any questions, please call.

Very truly yours,

  
D. S. Cruden

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cc:

U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N. W.  
Suite 2900  
Atlanta, Georgia 30323

Mr. W. E. Holland  
NRC Senior Resident Inspector  
Surry Power Station

Mr. Chandu P. Patel  
NRC Surry Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II

**ATTACHMENT 1**

**CONTAINMENT LINER TEST CHANNELS**

**AT**

**SURRY POWER STATION - UNITS 1 AND 2**