



Regulatory

File Cyd

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261



March 4, 1977

Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulator Commission
Washington, D. C. 20555

Serial No. 045/020177
PO&M/ALH:das

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

Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Rusche:

This is in response to your letter of February 1, 1977 wherein you requested additional information concerning the Surry Unit Nos. 1 and 2 LOCA dose reevaluation.

As a result of extensive investigation of the Surry Station LOCA doses using recent on-site meteorological data and the latest analytical methods accepted by your staff (SRP6.5.2-November 24, 1975), we have concluded that Surry may not fully comply with 10 CFR100. This situation is caused by the fact that Surry meteorological conditions as well as analytical methods have changed since Surry was originally licensed. Significant plant modifications will be required to bring Surry up to the latest standards regarding LOCA. These changes have been identified and our architect-engineer is in the process of completing the preliminary design. We fully intend to install the required modifications as soon as possible after the final design work is complete.

We believe that the present situation requires a change in our approach to the problem. Since significant modifications are required, we feel that your request for additional information should be addressed on the basis of the upgraded system performance. We are currently pursuing this. As a result, we will be unable to respond to your questions 3, 4 and 5 within the 30 day time frame required. However, we will be able to respond to all of your request based on up-graded system performance by April 5, 1977. Since this represents somewhat of a departure from our previous course of action, we also feel that we should meet with members of your staff to review the work we have done and to discuss our future plans. We intend to contact the NRC project manager for Surry to select an acceptable meeting date.

Very truly yours,

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

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cc: Mr. Tom C. O'Connor