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March 12, 1980

FILE NO. V-8-50-20-29-15

DIRECT DIAL NO. 804 788-8368

Alan S. Rosenthal, Esquire
Atomic Safety and Licensing Appeal
Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. John H. Buck
Atomic Safety and Licensing Appeal
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Michael C. Farrar, Esquire
Atomic Safety and Licensing Appeal
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Washington, D.C. 20555

In the Matter of Virginia Electric and Power Company
(North Anna Power Station, Units 1 and 2)
Docket Nos. 50-338 OL and 50-339 OL
Service Water Pumphouse Settlement

Gentlemen:

On pages 64-66 of your slip opinion (ALAB-578) on the service water pumphouse settlement at North Anna 1 and 2, you expressed your expectation that Vepco would install a device to detect pinhole leaks from the expansion joints. This letter is to inform you that Vepco will install such a device.

To design the device, a way had to be found to collect any leaking water, because the expansion joint enclosure has an earthen floor, and so water from small leaks would otherwise seep into the soil. Also, the water detection system will have to distinguish between water from leaks and rainwater that might drain into the expansion joint enclosure.

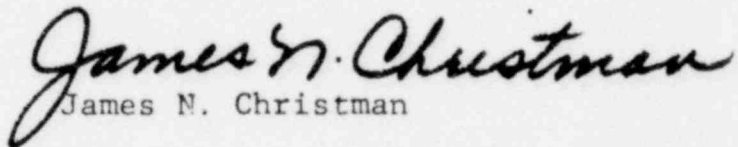
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Veeco plans to solve these problems by installing a rubber jacket around each set of convolutions on each of the four expansion joints. Stainless steel tubes will run from the rubber jackets to a common collection vessel, in which a level switch will be mounted. If water collects in the vessel it will activate the level switch and turn on an indicator light outside the expansion joint enclosure. The estimated cost of the system is about \$7,500.

Yours very truly,


James N. Christman

126/586

cc: Richard M. Foster, Esq.
Daniel T. Swanson, Esq.
Anthony J. Gambardella, Esq.
Chief, Docketing and Service Section