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## VIRGINIA ELECTRIC AND POWER COMPANY RICHMOND, VIRGINIA 23261

July 22, 1980

Mr. Herold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. B. Joe Youngblood, Chief
Licensing Branch No. 3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial P. 647 NO/RM7:ms Doc'et No. 50-339 Ucense No. NPF-7

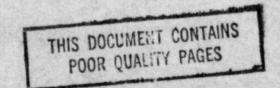
Dear Mr. Denton:

## MULTIPLE STRUCTURE ARS CONCERN NORTH ANNA UNIT NO. 2

Enclosed as Attachment 1 to this letter is additional design data for the North Anna Unit No. 2 Low Head Safety Injection (LHSI) pump discharge piping which we committed to forward for your use in our letter Serial No. 616 dated July 11, 1980. The following design information is included in the attachment:

- a) Math model of the system
- b) List of lumped masses used in analysis
- c) Pir ng design data
- d) Envelope ARS
- e) List of valve and flange weights
- f) Vendor valve drawings

This information completes our response to your request for additional information as identified in an NRC memorandum to Mr. B. J. Youngblood from Mr. R. J. Bosnak as clarified in a subsequent telephone conversation between the NRC, Vepco, and Stone and Webster on July 7, 1980.



If you have any questions or require additional data, please contact us.

Very truly yours,

Manager - Nuclear
Operations and Maintenance

## Attachment

Operating Reactors Branch No. 3 Division of Licensing Washington, D. C. 20555

> Mr. James P. O'Reilly, Director Office of Inspection and Enforcement Region II Atlants, Georgia 30303