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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 2, 1981

Docket No. 50-339

Mr. J. H. Ferguson
Executive Vice President - Power
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Dear Mr. Ferguson:

SUBJECT: STRUCTURAL INTEGRITY OF PUMP NOZZLES IN THE LOW HEAD SAFETY
INJECTION (LHSI) SYSTEM FOR THE NORTH ANNA POWER STATION,
UNIT NO. 2.

We have completed our confirmatory analysis of the North Anna, Unit 2 LHSI System. Our analysis has determined that the bending moment acting on one of the LHSI pump discharge nozzles exceed's the reported pump manufactures worst-case-load of 13,900 foot-pounds by 8 percent (about 15,000 foot-pounds).

We request that you verify from the pump manufacturer that the pump structure can sustain the 15,000 foot-pound load at the discharge nozzle, thus providing assurance of structural integrity and operability.

We request that your response to our above request for additional information be provided within 15 days receipt of our letter.

Sincerely,

Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

cc: See next page



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Mr. J. H. Ferguson
Virginia Electric and Power Company

cc: Richard M. Foster, Esq.
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Mr. Allan Tattersall
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U. S. Environmental Protection Agency
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Director, Criteria and Standards Division
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Atomic Safety and Licensing
Appeal Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555