

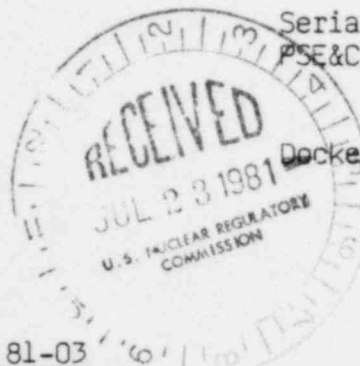
**Vepco**

VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

July 8, 1981

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:



Serial No. 252A

PSE&amp;C/PJC:bw

Docket No. 50-404

IE BULLETIN 81-03  
NORTH ANNA POWER STATION  
UNIT 3

We have reviewed IE Bulletin 81-03, "Flow Blockage of Cooling Water to Safety System Components by Corbicula (Asiatic Clam) and Mytilus (Mussel)." Our response for North Anna Power Station Unit 3 is attached. The attachment is structured according to the questions outlined under "Holder's of Construction Permits."

Should you require any further information, please contact this office.

Very truly yours,

W. C. Spencer  
Vice President - Power Station  
Engineering and Construction Services

Attachment

cc: Mr. Robert L. Tedesco  
Division of Licensing

IE 11  
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NORTH ANNA UNIT 3  
RESPONSE TO IE BULLETIN 81-Q3  
HOLDERS OF CONSTRUCTION PERMITS

1. Mytilus cannot survive in fresh water; therefore, there are none present at North Anna.

Corbicula were first identified in Lake Anna in 1979. Since that time, the population has increased rapidly, making this presently the dominant benthic organism in terms of biomass.

At the present stage of construction, there are no structures or equipment installed which would be affected by flow blockage or degradation due to clams or shell debris. As areas of North Anna 3, which may be affected by this hazard are constructed, a periodic monitoring program (similar to the one implemented on Units 1 and 2) will be incorporated into North Anna 3 procedures to ensure inspection of piping components and various heat exchangers. Because of the early stages of construction for the North Anna 3 plant, a target date for implementation of this program cannot be determined.

2. As indicated above, it has been determined that Corbicula exists in the local environment, however, potentially affected systems have not been installed in the North Anna 3 plant, at this time.
3. Since the North Anna 3 plant is in such early stages of construction, there are no systems or components installed at this time, which could be potentially affected by the organisms, and consequently no inspection or monitoring can take place. As previously indicated, once construction has progressed to a point where these organisms may affect systems or components of the North Anna 3 plant, an inspection and monitoring program similar to the one targeted for implementation on North Anna Units 1 and 2 by September 1, 1981, will also be put into effect on North Anna 3.