

# NORTH ANNA ENVIRONMENTAL COALITION

January 4, 1978

P.O. BOX 3951

CHARLOTTESVILLE, VIRGINIA 22903

(717)533-7694 or (804)293-6039

Mr. Myer Bender, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Bender:

The Coalition was pleased to learn that the Advisory Committee on Reactor Safeguards plans to consider seismic design margins for the North Anna reactors at its afternoon session on Friday, January 6.

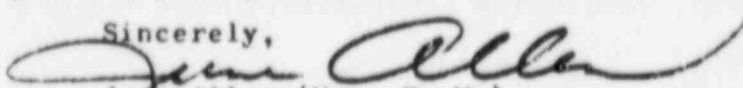
We respectfully request that the Committee provide answers to the following questions:

1. Can an "unexplained" cluster of 46 micro-earthquakes northwest of the North Anna dam be accurately said not to present some measure of seismic risk to the site?  
(Please note attached map and correlation of the cluster with a postulated major regional fault--Spotsylvania or Neuschel's Lineament.)
2. How do USGS seismologists interpret the significance of the micro-earthquake cluster?
3. Why is the ACRS willing to approve a 40% design deficiency at North Anna? If the ACRS stipulates that any new reactors constructed in the East must have a minimum safe shutdown earthquake design of .20g, what is the rationale for approving North Anna's design of .12g?
4. What are the results of the SEISMIC RE-EVALUATION OF NORTH ANNA requested on April 22, 1977 by NRC's J. P. Knight, Assistant Director for Engineering, DSS?
5. Have those results been made known to the Atomic Safety and Licensing Board considering an operating license for North Anna?

At this writing, we are also submitting questions to Mr. Leon Reiter, NRC Staff seismologist with a request for answers at his earliest convenience. We enclose a copy for your use, and shall ask Mr. Reiter to supply the ACRS with the same answers mailed to NAEC.


If the Coalition is unable to have a representative attend the January 6 meeting on North Anna, please make this letter and the attachments thereto a formal part of the record. Thank you for your professional attention.

Sincerely,

  
Julie Allen (Mrs. P. M.)

cc: Rep. John Moss  
Sen. Gary Hart  
Enclosures

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Sincerely,

Joyce Allen (Mrs. P. M.)

President, NAEC

cc: Rep. John Moss

Sen. Gary Hart

## Enclosures