



Docket No. 50-339

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

JUN 01 1979

Mr. W. L. Proffitt
 Senior Vice President - Power
 Operations
 Virginia Electric & Power Company
 P. O. Box 26666
 Richmond, Virginia 23261

Dear Mr. Proffitt:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - INSTRUMENTATION QUALIFICATION
 (NORTH ANNA POWER STATION, UNIT NO. 2)

We have completed our review of the Westinghouse Electric Corporation's report entitled, "Qualification Testing of Barton Pressure and Differential Pressure Transmitters" (Proprietary) which addresses the Barton transmitters used in your application and find that additional information is required. The results of the qualification tests, as delineated in the above cited report, show that the Barton transmitters, with the exception of the Barton 763 narrow range pressure transmitter, met specifications for the initiation of the protection system actions. However, they did not meet specified accuracies for manual control during post-accident cooling. Therefore, we require that you specify the schedule for submittal of additional justification to demonstrate that these transmitters will meet all of their performance requirements including functions needed during a hypothesized post-accident cooling period.

In the interim we require that you describe prior to licensing (1) the alternate qualified instruments and procedures for manually controlling reactor conditions during long-term post-accident cooling, and (2) the bases for acceptability of the measured error in the Barton 763 narrow range pressure transmitter for initiating short term protection system actions. Moreover, if the calculated containment environment temperatures exceed those values specified for sequential tests, we require that you show that the protective enclosures around transmitters would prevent transmitter temperatures from exceeding values measured in the tests.

Please provide a schedule within 14 days for the submittal of this information.

Sincerely,

Glan D. Parr
 Glan D. Parr, Chief
 Light Water Reactors Branch No. 3
 Division of Project Management

cc: See next page

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cc: Mrs. James C. Arnold
P. O. Box 3951
Charlottesville, Virginia 22903

Mr. Anthony Gambaradella
Office of the Attorney General
11 South 12th Street - Room 308
Richmond, Virginia 23219

Richard M. Foster, Esq.
211 Stribling Avenue
Charlottesville, Virginia 22903

Michael W. Maupin, Esq.
Hunton, Williams, Gay & Gibson
P. O. Box 1535
Richmond, Virginia 23212

Mrs. June Allen
412 Owens Drive
Huntsville, Alabama 35801

Mr. James Torson
501 Leroy
Socorro, New Mexico 87801

Mrs. Margaret Dietrich
Route 2, Box 568
Gordonsville, Virginia 22942

William H. Rodgers, Jr., Esq.
Georgetown University Law Center
600 New Jersey Avenue, N.W.
Washington, D. C. 20001

Mr. Peter S. Hepp
Executive Vice President
Sun Shipping & Dry Dock Company
P. O. Box 540
Chester, Pennsylvania 19013

Mr. R. B. Briggs
Associate Director
110 Evans Lane
Oak Ridge, Tennessee 37830

John J. Runzer, Esq.
Pepper, Hamilton & Scheetz
123 South Broad Street
Philadelphia, Pennsylvania 19109

Clarence T. Kipps, Jr., Esq.
1700 Pennsylvania Avenue, N.W.
Washington, D. C. 20006

Carroll J. Savage, Esq.
1700 Pennsylvania Avenue, N.W.
Washington, D. C. 20006

Mr. James C. Dunstan
State Corporation Commission
Commonwealth of Virginia
Blandon Building
Richmond, Virginia 23209

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

Michael C. Farrar, Esq.
Atomic Safety and Licensing
Appeal Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. John H. Buck
Atomic Safety and Licensing
Appeal Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

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cc: Mr. Michael S. Kidd
U. S. Nuclear Regulatory Commission
P. O. Box 128
Spotsylvania, Virginia 22553

Dr. Paul W. Purdom
Department of Civil Engineering
Drexel University
Philadelphia, Pennsylvania 19104

Dr. Lawrence R. Quarles
Apartment No. 51
Kendal-at-Longwood
Kennett Square, Pennsylvania 19348

Mr. Irwin B. Kroot
Citizens Energy Forum
P. O. Box 138
McLean, Virginia 22101

James B. Dougherty, Esq.
Potomac Alliance
P. O. Box 9306
Washington, D.C. 20005

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