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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 10, 1979

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

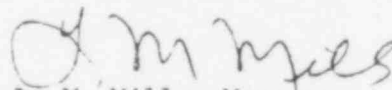
Dear Mr. O'Reilly:

OFFICE OF INSPECTION AND ENFORCEMENT BULLETIN 79-07 - RII:JPO  
50-518, -519, -520, -521, -553, -554 - HARTSVILLE AND PHIPPS BEND  
NUCLEAR PLANTS

In response to your April 14, 1979, letter which transmitted OIE  
Bulletin 79-07, TVA submitted an initial response to you from  
J. E. Gilleland dated May 31, 1979, for Hartsville and Phipps Bend  
Nuclear Plants. Enclosed is our final response concerning the  
subject bulletin. If you have any questions concerning this  
matter, please get in touch with Tish Jenkins at FTS 854-2014.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

ENCLOSURE

FINAL RESPONSE TO OIE BULLETIN 79-07  
DATED APRIL 14, 1979  
FROM J. T. O'REILLY TO H. G. PARRIS

SEISMIC STRESS ANALYSIS OF SAFETY-RELATED PIPING

As requested by your April 14, 1979, letter which transmitted Bulletin 79-07, TVA submitted an initial response on May 31, 1979, for Sequoyah, Watts Bar, Bellefonte, Hartsville, Phipps Bend, and Yellow Creek Nuclear Plants. In that initial response for Hartsville and Phipps Bend, we stated that General Electric was planning to analyze five additional NRC benchmark problems as a further verification of the PISYS computer code. GE submitted a letter to the NRC, Office of Nuclear Reactor Regulation, from R. L. Gridley to D. G. Eisenhower, dated July 31, 1979, stating that "for all five benchmark problems, the PISYS results for the frequencies and the modal participation factors are in excellent agreement with the values given with the NRC problem definition," and that "the agreement, in general, is within three or four significant digits." GE also stated their intention to formally document and to transmit the complete results to the NRC by September 14, 1979. We believe that this information is sufficient to resolve NRC concerns related to OIE Bulletin 79-07.

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