

EXHIBIT CORRESPONDENCE  
UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION



In the Matter of )  
GENERAL ELECTRIC COMPANY )  
(Vallecitos Nuclear Center - )  
General Electric Test Reactor) )

Docket No. 50-70  
Operating License  
No. TR-1  
(Show Cause)

INTERVENORS' INTERROGATORIES  
TO THE GENERAL ELECTRIC COMPANY

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Intervenors hereby requests that the General Electric Company pursuant to 10 CFR 2.740b, answer separately and fully, in writing under oath or affirmation, the following interrogatories within fourteen (14) days after service hereof.

For each response to the interrogatories listed below, identify the person or persons who prepared or substantially contributed to the response.

The interrogatories set forth below are to be considered the General Electric Company's continuing obligation. Accordingly, if, after the General Electric Company has answered these interrogatories, additional information comes to its attention with respect to one or more of the answers, the answers should be amended in a timely manner to provide such additional information.

1. Have piping materials in the GETR suffered any detrimental effects from irradiation during the 21 years since the GETR's construction?
2. Are the Allowable Stresses for piping in the GETR based on ASME Section III values?
3. Has GE performed any tests on GETR piping to confirm that yield strengths, ultimate strengths, or coefficient of thermal expansion are within ranges of ASME Section III valves?
4. Has any corrosion or erosion occurred or been observed in any pipes or pipe walls?
5. What are the original piping design allowances for corrosion/erosion?
6. What is the code of record for the original design of pipes in the GETR?
7. Please make available copies of the original GETR piping designs.

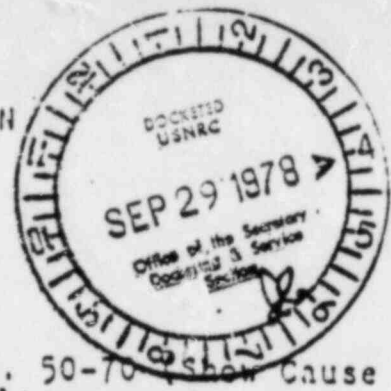
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8. How does the GETR seismic analysis (EDAC) treat rigid-body motion?
9. Have seismic anchor movements been incorporated in the load combination?
10. Are there any discrepancies between design and installation stress load capacities in the pipes in the GETR? Please document this answer with results of any strength tests performed.
11. At what g value would critical junctions in GETR pipes as modified exceed their material deformation capabilities? Which junctions are these?
12. Could any pipes in the GETR withstand a 1 meter offset?
13. Could any pipes in the GETR withstand a 2½ meter offset?
14. Could any pipes in the GETR withstand a 1.0 g?
15. Describe in detail the loading factors for the points of penetration where each pipe enters the GETR containment.
16.
  - a. How are the original pipe supports mounted?
  - b. Are the pipe mounts embedded?
17. Do the original pipes, mounting and supports adhere to the double inspection Quality Assurance requirements of 10 CFR 50 Appendix B?
18. How are the proposed modification piping supports going to be anchored?
19. When will the proposed modification piping supports be installed?
20. Will these supports adhere to Quality Assurance requirements of 10 CFR 50 Appendix B?
21. Does GE plan to replace any original GETR pipes with new piping?
22. When GE installs the new GETR piping supports, does GE intend to take photographs of the pipes, the original mounting design, and the modifications after installation?
23. Are there any access parts, windows, or manipulators that could be used for photographing pipes and supports in the GETR before or after modifications are installed?

Respectfully submitted

W. Andrew Baldwin  
Legal Director

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NUCLEAR REGULATORY COMMISSION



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GENERAL ELECTRIC COMPANY )

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General Electric Test Reactor) )

Docket No. 50-70 (Show Cause Order)  
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CERTIFICATE OF SERVICE

I hereby certify that the foregoing Intervenors' inter-  
rogatories to the General Electric Company  
has been served as of this date by personal delivery or first class  
mail, postage prepaid, to the following:

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

Docketing & Service Section  
Office of the Secretary  
U.S. Nuclear Regulatory  
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Washington, D.C. 20555

Mr. Gustave A. Linenberger, Member  
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Hon. Ronald V. Dellums  
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Ms. Barbara Shockley  
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Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Edward A. Fireston  
General Electric Company  
Nuclear Energy Division  
175 Curtner  
San Jose, CA 94125

Dated: \_\_\_\_\_

Sept. 25, 1978 By: Tatiana Bell