

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20545

*J. L. Liras*  
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OCT 14 1975

Mr. Ivan Stuart, Manager  
Safety and Licensing  
Nuclear Energy Division  
General Electric Company  
175 Curtner Avenue  
San Jose, California 95114

Dear Mr. Stuart:

On September 16 and 17, 1975, members of the Nuclear Regulatory Staff met with your representatives in San Jose, California, to review and audit certain information which General Electric has used for the design of relief valve quencher devices and the determination of downcomer lateral loads and suppression pool temperature limits in pressure suppression containments. Since these data were originally generated by a third party with contractual agreements with General Electric Company that prevents public release of actual data, this audit was undertaken to determine what kind of information was necessary to be documented to assure the availability of a technical basis for proceeding with licensing action. Based on this audit, we have determined that the data and test descriptions given in the following reports are pertinent to our evaluation of pressure suppression containments and therefore should be submitted to us for our detailed review.

1. Experimental Determination of Horizontal Shearing Forces on the Vent Pipes.
2. Air Clearing with Perforated Pipe.
3. Expected Results of the Blowdown Tests with the Relief System at the Non-Nuclear Hot Tests.
4. Results of the Non-Nuclear Hot Tests with the Relief System.
5. Specification for Blow Off Tests in Non-Nuclear Heat Testing.
6. Condensation and Air Clearing Tests with Several Types of Perforated Pipes.
7. Tests for Steam-Air Condensation with the Model Nozzle.
8. Non-Nuclear Steam Test.

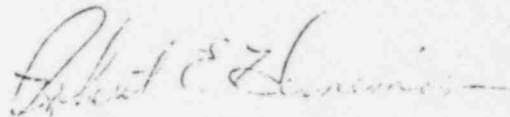
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Ivan Stuart

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I understand that any submittal of this information may involve GE modifications to the original data report format and arrangement, and that conclusions or assertions regarding the use of these data in the design of pressure suppression containments are those of the General Electric Company. The information may be submitted as a GE topical report and may also be provided as proprietary with suitable justification.



Robert E. Heineman, Director  
Division of Technical Review  
Office of Nuclear Reactor Regulation