

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

JUN 16 1975

23-33  
~~FOIA~~  
~~GRATES~~

R. C. DeYoung, Assistant Director  
for Light Water Reactors, Group 1  
Division of Reactor Licensing

ALLENS CREEK 1 & 2 POOL DYNAMIC LOADS (TAR 1634)

In accordance with your request dated May 30, 1975, the Mechanical Engineering Branch has reviewed the ERASCO Containment Structures Design Report. We found that the submittal does not contain any needed information for assessing the design adequacy of piping and mechanical components effected by suppression pool dynamic loadings or loadings from operation of the primary system pressure relief valves.

Enclosed is our request for information. Our completion of the evaluation is pending on the availability of the specified information.

*R. R. Maccary*

R. R. Maccary, Assistant Director  
for Engineering  
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cc w/encl:

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REQUEST FOR INFORMATION

MECHANICAL ENGINEERING BRANCH

ALLENS CREEK UNITS 1 & 2 POOL DYNAMICS

1. Provide a list of piping and mechanical components which could be subjected to suppression pool hydrodynamic loadings or loadings from operation of the primary system pressure relief valves, including detailed drawings and functional description of such piping and components.
2. Provide a description of methods and procedures used to define the pool dynamic loads and relief valve actuation loads acting on the listed piping and components.
3. Provide a description of methods and procedures, either by analysis or by testing, being used to ensure design adequacy of the listed piping and components under pool dynamic loads or relief valve actuation loads.
4. Provide a description regarding how the pool dynamic loads or valve actuation loads being concurrently considered and combined with other operation or accident loads acting on the listed piping and components.
5. Identify design limits used for the listed piping and components under pool dynamic or relief valve actuation loads. If analysis or testing has been done, a summary of analysis or testing results and their comparison with design limits should be provided. If analysis or testing has not yet been done, a description of the future program to perform such testing or analysis should be provided.