

OCT 24 1975

Docket No. 50-331

Iowa Electric Light and Power Company
ATTN: Mr. Duane Arnold, President
Security Building
P. O. Box 351
Cedar Rapids, Iowa 52406

Gentlemen:

RE: DUANE ARNOLD ENERGY CENTER

DISTRIBUTION:

NRC PDR
Local PDR
Docket
ORB#3 Rdg
KRGoller
TJCarter
GLear
WPaulson
CParrish
OELD
OI&E (3)
ACRS (16)
SVarga
DEisenhut
TBAbernathy
Gray file

Based on our review of the information submitted on your docket regarding the Mark I containment reevaluation program (up to and including the Mark I Containment Status Report dated July 31, 1975, submitted by the General Electric Company), we have identified additional information that is required to continue our review. The information required is listed in the enclosure and pertains to the functional operability of piping and components when subjected to (1) pool swell loads associated with a loss-of-coolant accident, and (2) loads from operation of the primary system pressure relief valves. The items listed in the enclosure should be addressed during the Long Term Program proposed by the Mark I Owners Group.

We anticipate that further information will be required based on our review of the Short Term Program report.

Please contact us if you desire clarification of the information required.

This request for generic information was approved by GAO under a blanket clearance number B-180225 (R0072); this clearance expires July 31, 1977.

Sincerely,

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George Lear, Chief
Operating Reactors Branch #3
Division of Reactor Licensing

Enclosure:
Request for Additional
Information

cc: See next page

OFFICE ➤	ORB#3	ORB#3				
SURNAME ➤	WPaulson:kmf	for GLear				
DATE ➤	10/23/75	10/23/75				

Iowa Electric Light & Power Company - -

cc:

Jack R. Newman, Esquire
Harold F. Reis, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N. W.
Washington, D. C. 20036

Cedar Rapids Public Library
426 Third Avenue, S. E.
Cedar Rapids, Iowa 52401

Office for Planning and Programming
523 East 12th Street
Des Moines, Iowa 50319

Mr. Dudley Henderson
Chairman, Linn County
Board of Supervisors
Cedar Rapids, Iowa 52406

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

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.