

REGULATORY DOCKET FILE COPY

OCTOBER 31 1979

Docket No. 50-331

Mr. Duane Arnold, President
Iowa Electric Light & Power Company
P. O. Box 351
Cedar Rapids, Iowa 52406

Dear Mr. Arnold:

RE: ACCEPTANCE CRITERIA FOR THE MARK I CONTAINMENT LONG TERM PROGRAM

The staff has completed its review of the generic aspects of the Mark I Containment Long Term Program (LTP). The results of this review are reflected in the enclosed acceptance criteria, which are intended to be used to perform individual plant-unique analyses for each Mark I facility. These criteria have been developed from the staff's evaluation of the Mark I LTP Load Definition Report, Plant Unique Analysis Applications Guide, and related suppression pool hydrodynamic experimental and analytical programs, which have been submitted by the Mark I Owners Group.

In developing these criteria, we have considered verbal comments provided by representatives of the Mark I Owners Group on a draft of the criteria issued August 2, 1979. These comments were presented to the staff during a meeting held on August 15, 1979, and supplemented by additional information provided in a letter from General Electric dated September 7, 1979. This information and internal comments by the staff and our consultants have resulted in some modifications to the draft criteria. However, others of the Owners Group recommendations were not adopted for the NRC criteria, based on the staff's judgment relative to the interpretation of specific data or analyses.

In certain cases, the staff's generic criteria identify specific hydrodynamic load assessment techniques that will have to be evaluated on a plant-specific basis. However, deviations from any other generic criteria should be avoided.

The criteria also identify additional experimental verification that must be obtained for "condensation oscillation" load uncertainty. This requirement was communicated to you earlier in our letter dated October 2, 1979.

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Mr. Duane Arnold

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Within 30 days of your receipt of this letter, we request that you provide the schedule for submittal of the LTP plant-unique analysis for your facility. In developing this schedule, you should consider that we are continuing to target the completion of this program and the termination of the exemption issued for your facility for December 1980. The staff presently expects to issue the generic Safety Evaluation Report supporting these criteria in December 1979. Should you have any questions regarding this action contact C. Grimes (301-492-8204).

Original signed by

Darrell G. Eisenhut, Acting Director
Division of Operating Reactors

Enclosure:
As stated

cc. w/enclosure:
See next page

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Mr. Duane Arnold
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cc:

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