

Docket No. 50-331

OCT 24 1975

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

Gentlemen:

We have reviewed Amendments Nos. 15 and 17 to the Duane Arnold Energy Center Final Safety Analysis Report regarding your proposed main steam line isolation valve leakage control system (MSIV-LCS). Among other things, we used the meteorological data submitted by your letter of July 3, 1975, in estimating the postulated loss-of-coolant (LOCA) accident dose. As the result of our review, it is our position that the modifications identified in the enclosure will be required in order that the estimated consequences from a postulated LOCA, assuming a single failure, will be within the guidelines of 10 CFR Part 100.

We request that you provide a response to our position regarding the modifications identified in the enclosure by November 15, 1975. It is our understanding, based on the commitment in your letter dated December 18, 1972, that you intend to install the MSIV-LCS during the first refueling outage which is scheduled to begin February 15, 1976.

Please contact us if you require clarification of our position.

Sincerely,

151

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

Enclosure:
Regulatory Position

cc: See next page

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Iowa Electric Light & Power Company -

cc:

Jack R. Newman, Esquire
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Cedar Rapids Public Library
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Mr. Dudley Henderson
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Board of Supervisors
Cedar Rapids, Iowa 52406

ENCLOSURE

MAIN STEAM LINE ISOLATION VALVE
LEAKAGE CONTROL SYSTEMS

Modifications Required to Conform to 10 CFR Part 100 Guidelines

1. A positive interlock must be provided on each inboard main steam line isolation valve (MSIV) which will preclude actuation of the leakage control system unless the inboard MSIV is fully closed.
2. Standby gas treatment system (SGTS) filter efficiencies of 95% will be required for elemental and organic forms of iodine and 99% for particulate forms. Accordingly, the Duane Arnold Energy Center Technical Specifications will have to be modified to indicate that the results of the in-place cold DOP and halogenated hydrocarbon tests at design flows on HEPA filters and charcoal adsorber banks shall show > 99.9% DOP removal and > 99.9% halogenated hydrocarbon removal, for the SGTS filter systems.