

January 10, 1985

Docket No. 50-331

Mr. Lee Liu
Chairman of the Board and
Chief Executive Officer
Iowa Electric Light and Power Company
Post Office Box 351
Cedar Rapids, Iowa 52406

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Dear Mr. Liu:

The enclosed Safety Evaluation addresses the environmental qualification of electric equipment important to safety for the Duane Arnold Energy Center for compliance with the requirements of 10 CFR 50.49, the licensee's proposed resolutions for the deficiencies identified in the SE dated December 20, 1982 and August 18, 1982 Franklin Research Center (FRC) Technical Evaluation Report (TER) enclosed with it, and justification for continued operation.

On February 7, 1984, a meeting was held with the Iowa Electric Light and Power Company to discuss its proposed method of resolution for each of the environmental qualification deficiencies identified. Discussions also included Iowa Electric Light and Power Company's general methodology for compliance with 10 CFR 50.49, "Environmental Qualification of Electric Equipment Important to Safety for Nuclear Power Plants," which became effective February 22, 1983, and justification for continued operation (JCO) for those equipment items for which environmental qualification is not yet completed. The licensee provided submittals, by letters dated March 8 and May 31, 1984, addressing the above subjects and documenting the discussions held at the meeting.

Based on discussions during the meeting and the results of our review of the licensee's March 8 and May 31, 1984 submittals, we have concluded that Iowa Electric Light and Power Company's Equipment Qualification Program is in compliance with the requirements of 10 CFR 50.49, that the proposed resolution for each of the environmental qualification deficiencies identified for the Duane Arnold Energy Center is acceptable and that continued operation of the Duane Arnold Energy Center will not present undue risk to the public health and safety.

Sincerely,

/s/ D. B. Vassallo

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PDR ADDCK 05000331
P PDR

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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Mr. Lee Liu
Iowa Electric Light and Power Company
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