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 DENTON, H. Office of Nuclear Reactor Regulation, Director

SUBJECT: Responds to Generic Ltr 84-24 re environ qualification of electrical equipment. Environ qualification program will satisfy requirements of 10CFR50.49. All electrical equipment qualified.

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Iowa Electric Light and Power Company
February 11, 1985
NG-85-0546

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Response to Generic Letter 84-24
File: A-107d

Dear Mr. Denton:

This letter is submitted pursuant to the requirements of 10 CFR 50.54(f) in response to NRC Generic Letter 84-24.

Generic Letter 84-24 requested information regarding the Environmental Qualification of Electrical Equipment. Iowa Electric's Equipment Qualification (EQ) Program has been the subject of several previous letters to the NRC. The two most recent letters were dated March 8, 1984 (NG-84-1051) and May 31, 1984 (NG-84-2213). Based upon these letters, and the discussions held during the February 7, 1984, meeting between Iowa Electric and the NRC staff, a Safety Evaluation was issued by NRC letter of January 10, 1985.

Generic Letter 84-24 requested information regarding three areas of Iowa Electric's EQ program. Responses regarding these three areas are provided below.

- a. Iowa Electric Light and Power Company has in place and is implementing an environmental qualification (EQ) program that will satisfy the requirements of 10 CFR 50.49 within schedules currently approved for the Duane Arnold Energy Center, without further schedule extensions for engineering and procurement.

The January 10, 1985, Safety Evaluation states in part:

Based on the above evaluation, we conclude the following...

Iowa Electric Light and Power's electrical equipment environmental qualification program complies with the requirements of 10 CFR 50.49.

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Mr. Harold Denton
February 11, 1985
NG-85-0546
Page Two

- b. Iowa Electric has submitted justifications for continued operation for the Duane Arnold Energy Center pending qualification of electrical equipment within the scope of 10 CFR 50.49, not currently qualified within the scope of the EQ program.

The conclusion of the January 10 SER states:

Continued operation until completion of the licensee's environmental qualification program will not present undue risk to the public health and safety.

- c. As indicated in (b) above, all electrical equipment at the DAEC within the scope of 10 CFR 50.49 is qualified in accordance with the EQ program, or JCOs have been submitted pending qualification.

Iowa Electric has in place a program for review and resolution of IE Bulletins and IE Information Notices. IE Bulletin 82-04, and IE Information Notices 82-11, 82-52, 83-45, 83-72, 84-23, 84-44, 84-47, 84-57, 84-68 and 84-78 are included in this program. This program and the results of completed reviews are maintained in an auditable manner.

In accordance with the requirements of 10 CFR 50.54(f), I certify that the foregoing information is true and accurate to the best of my knowledge and belief.

IOWA ELECTRIC LIGHT AND POWER COMPANY

BY

Richard W. McGaughey
Richard W. McGaughey
Manager, Nuclear Division

Subscribed and sworn to Before Me on
this 11th day of February 1985

Patricia M. Furrer
Notary Public in and for the State of Iowa

RWM/BR/ta*

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