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 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331
 AUTH. NAME AUTHOR AFFILIATION
 ROOT, L.D. Iowa Electric Light & Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards suppl to util 820622 response to fire protection rule 10CFR50.48(c)(5) & Section III.G.3 of App R, confirming items discussed at 821014 meeting w/NRC. Addl justification for exemption requests will be submitted within 2 wks.

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Iowa Electric Light and Power Company
October 28, 1982
NG-82-2233

LARRY D. ROOT
ASSISTANT VICE PRESIDENT
NUCLEAR GENERATION

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

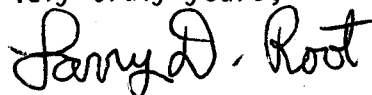
Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
10CFR50.48 and 10CFR50, Appendix R

Dear Mr. Denton:

On October 14, 1982 Iowa Electric representatives met with NRC and Brookhaven National Laboratory personnel in Ann Arbor, Michigan to discuss questions concerning our June 22, 1982 response to the fire protection rule. At that meeting, we agreed to furnish confirmation of the items discussed by October 28, 1982. This letter transmits the confirmation requested by members of your staff.

Also, we intend to submit additional justification for exemptions to the fire zone boundary requirements of 10CFR50 Appendix R, Section III.G.2. We will submit this within two weeks of the date of this letter. We believe that this information will allow you to complete your review of our requests for exemptions.

Very truly yours,



Larry D. Root
Assistant Vice President
Nuclear Generation

LDR/SLS/dmh*

cc: S. Swails
D. Arnold
L. Liu
S. Tuthill
F. Apicella
NRC Resident Office
Ref: Commitment Control No. 82-0366

Apicella

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PDR ADDCK 05000331
F PDR

1982 - A CENTURY OF SERVICE - 1982 *

SUPPLEMENT TO IOWA ELECTRIC'S RESPONSE TO
FIRE PROTECTION RULE 10CFR50.48(C)(5) AND
SECTION III.G.3 OF APPENDIX R TO 10CFR50 DATED JUNE 22, 1982

Item 1.e (page 10)

Revised procedures will require operators to monitor reactor temperature (through relation to reactor pressure) and verify alignment and operation of safe shutdown systems during reactor shutdown and cooldown from outside the control room. The DAEC will be able to achieve cold shutdown within 72 hours of a fire using these revised procedures.

Item 1.f (page 10)

Adequate manpower will be available to perform the shutdown functions using the procedures of Item 1.e. above prior implementing the Alternate Shutdown System.

Table 5 (page 51)

	<u>System</u>	<u>Component</u>	<u>Schematic</u>
Add	Core Spray	MO-2132	2B4414
Add	AC Power	1B-42	2B401
Add	AC Power	1B-44	2B403
Delete	Assoc. Circuit	MO-2290B	2B4232
Add	Assoc. Circuit	Suppression pool water temperature and water level indication (part of SPOTMOS to be implemented)	