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CONTROL NO: 8021

FILE:

FROM: Newman, Reis & Axelrad Washington, D. C. 20036 Newman, Reis & Axelrad			DATE OF DOC 11-5-73	DATE REC'D 11-5-73	LTR X	MEMO	RPT	OTHER
TO: A. Giambusso			ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT XXX	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION:
Ltr submitted on behalf of Iowa Electric Light and Power Company.....Trans the Following:

ENCLOSURES:

APPL for EXT of CONST PERMIT NO. CPPR-70, notarized 11-5-73: Requesting latest completion date be extended from 1-1-74 to 6-1-74

ACKNOWLEDGED

PLANT NAME:

DO NOT REMOVE

(3 Orig & 37 cys rec'd)

FOR ACTION/INFORMATION 11-6-73 GC

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MUNIZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	PLANS
GIAMBUSO	PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	SHAO		MAIGRET (L)	✓DUBE
✓MOORE (L)(BWR)	STELLO	ENVIRO	SERVICE (L)	INFO
DEYOUNG(L)(PWR)	HOUSTON	MULLER	SHEPPARD (E)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SMITH (L)	
P. COLLINS	ROSS	KNIGHTON	TEETS (L)	
	IPPOLITO	YOUNGBLOOD	WADE (E)	
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1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
✓16 - CYS ACRS HOLDING SENT TO LIC. ASST.	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
11-6-73 MAIGRET	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT

LB

Regulatory Docket File

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November 5, 1973



Mr. Angelo Giambusso, Deputy Director
Office of the Deputy Director for
Reactor Projects
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Re: Iowa Electric Light and
Power Company
Duane Arnold Energy Center
AEC Docket No. 50-331

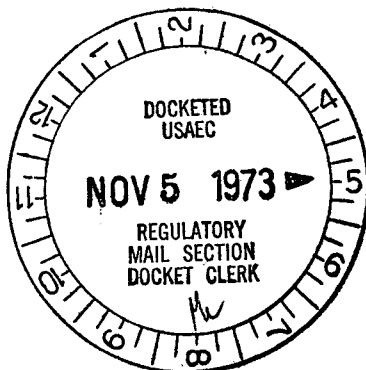
Dear Mr. Giambusso:

On behalf of Iowa Electric Light and Power Company, transmitted herewith are three originals and thirty-seven (37) copies of an application for extension of the latest date for completion of construction of the Duane Arnold Energy Center. A copy of the application has been served on the Chairman of the Board of Supervisors of Linn County, Iowa, as evidenced by the certificate of service also transmitted herewith.

Sincerely,

Newman, Reis & Axelrad

NEWMAN, REIS & AXELRAD
Attorneys for Iowa Electric
Light and Power Company



8021

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office
CEDAR RAPIDS, IOWA

November 1, 1973

DUANE ARNOLD
CHAIRMAN OF THE BOARD
AND PRESIDENT

DUANE ARNOLD ENERGY CENTER
DOCKET NO. 50-331
APPLICATION FOR EXTENSION OF
CONSTRUCTION PERMIT COMPLETION DATE

I.

Pursuant to Section 185 of the Atomic Energy Act of 1954, as amended, and Section 50.55 of the regulations of the Atomic Energy Commission ("Commission") in 10 CFR Part 50, Iowa Electric Light and Power Company, Central Iowa Power Cooperative and Corn Belt Power Cooperative, ("permittees") the holders of construction permit number CPPR-70 hereby request the Commission to extend the latest date for the completion of the Duane Arnold Energy Center ("DAEC") from January 1, 1974, as specified in CPPR-70, to June 1, 1974. In accordance with 10 CFR 50.55(b), the reasons constituting good cause for the extension of such date are set forth below. Permittees request such extension solely for the purpose of completing construction activities already authorized under CPPR-70.

The application for construction permit No. CPPR-70 was filed by permittees on November 4, 1968. At that time it was estimated that the Duane Arnold Energy Center would be ready for fuel loading in June, 1973 and that commercial operation would begin in December 1973. Accordingly, CPPR-70 issued on June 22, 1970, specified the earliest estimated completion date as

January 1, 1974.

Fuel loading for the DAEC is now scheduled for late December 1973. The original schedule for fuel loading did not contemplate the addition of certain features including an augmented off-gas system, a pipe whip restraint system and other modifications determined to be necessary or desirable by the applicant or the regulatory staff. Design and construction work associated with the addition of these features has extended the time required for completion of the project. In addition, certain ASME code changes have significantly increased the effort involved in constructing the facility, particularly insofar as these code changes required intensified quality assurance activities. These code changes have also caused delays in the manufacture and delivery of certain valves and valve operators which have adversely affected the construction schedule. Finally, schedule delays have also resulted from shortages of certain essential craft personnel, most particularly qualified pipe fitter welders. The delay resulting from these factors has essentially eliminated the margin built into the schedule for completion of the facility.

II.

The DAEC is approximately 95% complete, and at this late stage in construction, relatively minor delays, such as the late delivery of a component, a strike or labor shortage, or some other event beyond the control of permittees could delay the overall construction schedule of the plant. Thus, permittees

request that the latest date for construction of the DAEC be extended to June 1, 1974 in order to provide an adequate margin for contingencies which may cause a construction delay.

The extension requested does not involve significant hazards considerations. The extension would not authorize any activities not already authorized by CPPR-70. It would simply extend the time for completion of activities authorized by CPPR-70. Moreover the activities now authorized by CPPR-70 do not, in themselves, involve radiological risk since CPPR-70 does not authorize operation of the DAEC or possession or use of fissionable material.

III.

The environmental impacts of the requested extension are de minimis. Most of the impacts of construction of the DAEC have already occurred since construction is approximately 95% complete. The impacts of the construction activities remaining to be completed are minimal; the only outdoor work remaining is to bring the existing plant grade to finished grade and to do appropriate landscaping. Pursuant to 10 CFR 50, Appendix D, Section B, the DAEC has been subject to a review of the environmental impact of its construction and operation. As part of that review, an Atomic Safety and Licensing Board has concluded "...that the environmental effects of construction have been small and the impact of completing construction is insignificant."*/

*/ In the Matter of Iowa Electric Light and Power Company, Central Iowa Power Cooperative and Corn Belt Power Cooperative (Duane Arnold Energy Center), Docket No. 50-331, Initial Decision, RAI-73-6, 457 at 459, June 20, 1973, affirmed by the Atomic Safety and Licensing Appeal Board, Decision (ALAB-134), RAI-73-7, 483, July 6, 1973.

For all the foregoing reasons, permittees request that the latest date for completion of the construction of the DAEC be extended from January 1, 1974 to June 1, 1974.

Respectfully submitted,

IOWA ELECTRIC LIGHT AND POWER
COMPANY, for itself, and on behalf
of CENTRAL IOWA POWER COOPERATIVE
and CORN BELT POWER COOPERATIVE

By *Reuben Arnold*
Chairman of the Board and President

Sworn to and subscribed before

me this 1st day of November, 1973.

Georgia F. Marlowe
Notary Public

Georgia F. Marlowe
NOTARY PUBLIC
State of Iowa
Commission Expires
September 30, 1976

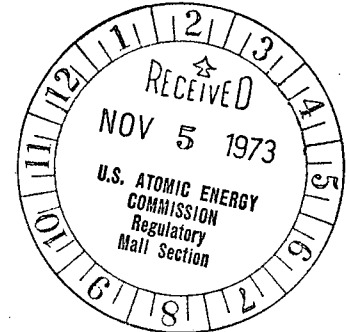
UNITED STATES OF AMERICA

before the

ATOMIC ENERGY COMMISSION


Received w/Ltr Dated 11-5-73

Docket No. 50-331
Duane Arnold Energy Center
Application for Extension of
Construction Permit Completion Date

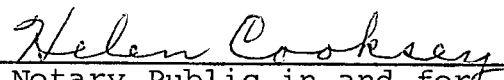


This is to certify that I have caused to be delivered to the Chairman of the Board of Supervisors of Linn County, Iowa, a copy of the attached Application for Extension of Construction Permit Completion Date of Iowa Electric Light and Power Company for the construction of a nuclear power reactor, near Palo, Iowa.

Dated at Cedar Rapids, Iowa, this 5th day of November, 1973.


Ted P. Lewis, Attorney
Iowa Electric Light and Power Company

Sworn to and subscribed before me this 5th day of November, 1973.


Notary Public in and for
the State of Iowa

Helen Cooksey
NOTARY PUBLIC
State of Iowa
Commission Expires
September 30, 1977