

FROM: Loudestein & Herman Washington, D.C.		DATE OF DOCUMENT: 2-19-69		DATE RECEIVED: ** 2-20-69		NO.: 10	
		LTR. X		MEMO:		REPORT:	
		OTHER:					
TO: Morris		ORIG.: 3 signed		CC:		OTHER:	
		ACTION NECESSARY <input type="checkbox"/>		CONCURRENCE <input type="checkbox"/>		DATE ANSWERED:	
		NO ACTION NECESSARY <input type="checkbox"/>		COMMENT <input type="checkbox"/>		BY:	
CLASSIF.: U		POST OFFICE REG. NO.:		FILE CODE: 50-331			
DESCRIPTION: (Must Be Unclassified) Ltr trans the following....& advising Certificate of Sv will be filed at later date: (100 cys)		REFERRED TO Knuth		DATE 2-20-69		RECEIVED BY	
		W/ 8 extra cys for action					
		INFO CYS TO:					
		H.Price & Staff		(18) cys holding for ACRS			
		Boyd		(8) cys holding for H.F.			
ENCLOSURES: AMDT 2, notarized 1-19-69 consisting of revised pages for PSARept Vol's 1 thru 6 ...& adds turbine-gen. heat balance reflects design changes in plant cooling system & reactor feedwater system...		D. Thompson					
		Dute/Levine					
		Rosen		** Encl's rec'd 2-14-69			
		Moore		trans ltr rec'd 2-20-69			
		Hove					
REMARKS: DIST: 1- Reg file cy 1- AEC PDR 2- Compliance 1- OGC		A. Bromerick (2 cys)					
		Do Not Remove		ACKNOWLEDGE ACKNOWLEDGE			

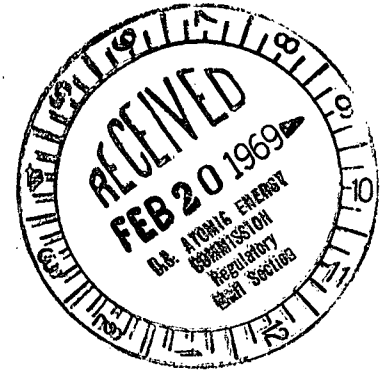
LAW OFFICES
LOWENSTEIN AND NEWMAN

1100 CONNECTICUT AVENUE, N. W.
WASHINGTON, D. C. 20036

202 296-7585

ROBERT LOWENSTEIN
JACK R. NEWMAN
JOSEPH B. KNOTTS, JR.

February 19, 1969



Dr. Peter A. Morris, Director
Division of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: AEC Docket No. 50-331

Regulatory

File Cy.

Dear Dr. Morris:

With this letter we are transmitting one hundred (100) copies of Amendment No. 2 to the license application for the Duane Arnold Energy Center.

This amendment adds the turbine-generator heat balance; reflects design changes in the plant cooling water system, heating system, ventilation and air conditioning system, and the reactor feedwater system. In addition, it makes various corrective changes in the preliminary safety analysis report.

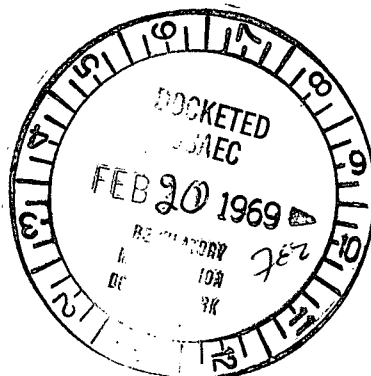
A certificate of service of the amendment will be filed shortly.

Sincerely yours,

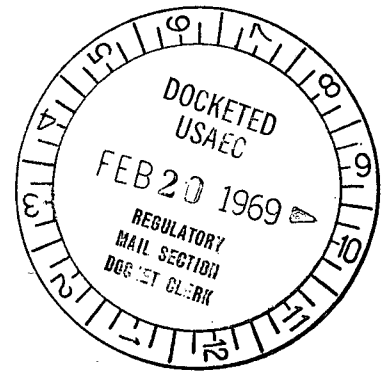
A handwritten signature in cursive script, appearing to read "Robert Lowenstein".

Lowenstein and Newman
Attorneys for Iowa Electric
Light and Power Company

RL:bk



BEFORE THE
UNITED STATES ATOMIC ENERGY COMMISSION



In the Matter of)
IOWA ELECTRIC LIGHT AND POWER COMPANY) Docket
No. 50-331

Regulatory

File Cy.

AMENDMENT NO. 2

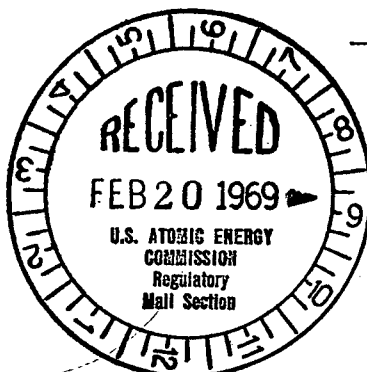
Iowa Electric Light and Power Company
hereby amends its license application for the Duane
Arnold Energy Center by the filing of Amendment No.
2 enclosed herewith.

A tabulation of changes effected by Amend-
ment No. 2 is also enclosed.

IOWA ELECTRIC LIGHT AND POWER COMPANY

By Herbert Henderson
Herbert Henderson
Executive Vice President

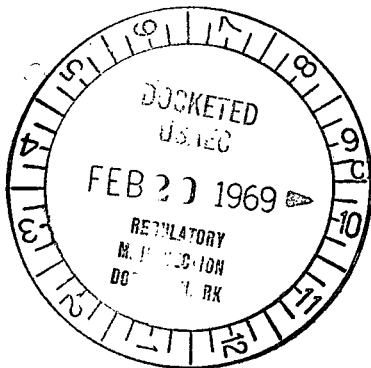
Sworn to and subscribed before me this
19th day of February, 1969.



Helen Cooksey
Notary Public in and for
Linn County, Iowa

Helen Cooksey
NOTARY PUBLIC
Linn County, Iowa
Commission Expires
July 4, 1969

2-19-69

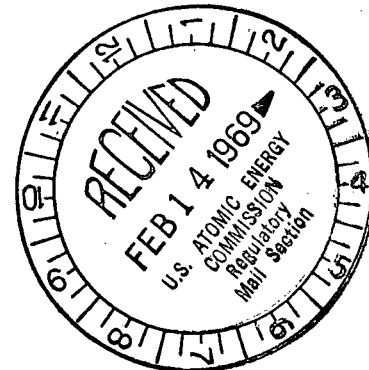


DAEC-1

CHANGES TO DUANE ARNOLD ENERGY CENTER

AEC DOCKET 50-331

AMENDMENT NO. 2

Remove Existing PageInsert Revised PageVolume 1List of Figures - 8

Section 1.0 - 1.0-iii, 1.2-3, 1.3-2,
1.5-7, 1.5-9, 1.5-10, 1.5-17, 1.5-20,
1.5-23, 1.5-24, 1.6-1, 1.6-3, 1.6-13,
1.7-1, Figure 1.5-1

Section 3.0 - 3.6-11, 3.7-13,
Figure 3.3-11, Figure 3.4-7

8

1.0-iii, 1.2-3, 1.3-2, 1.5-7, 1.5-9,
1.5-10, 1.5-17, 1.5-20, 1.5-23, 1.5-24,
1.6-1, 1.6-3, 1.6-13, 1.7-1, Figure 1.5-1,
Figure 1.5-2, Figure 1.5-3.

3.6-11, 3.7-13, Figure 3.3-11,
Figure 3.4-7

Volume 2List of Figures - 8

Section 5.0 - 5.1-1, 5.2-5 thru 5.2-10,
5.2-12 thru 5.2-18, 5.2-25, 5.2-26,
5.2-28, 5.2-29, 5.3-1, 5.3-2, 5.3-4,
5.3-9, Figure 5.2-12

Section 6.0 - Figure 6.0-12

8

5.1-1, 5.2-5 thru 5.2-10, 5.12 thru
5.2-18, 5.2-25, 5.2-26, 5.2-28, 5.2-29,
5.3-1, 5.3-2, 5.3-4, 5.3-9,
Figure 5.2-12

Figure 6.0-12

Volume 3List of Figures - 8

Section 7.0 - 7.3-25, 7.4-30, 7.16-6,
Figure 7.10.1

8

7.3-25, 7.4-30, 7.16-6, Figure 7.10.1

Volume 4List of Figures - 8

8

Section 8.0 - 8.3-2

8.3-2

Section 9.0 - 9.1-1, 9.1-3, 9.1-4,
 9.1-6, 9.3-1, 9.3-2, 9.3-4

9.1-1, 9.1-3, 9.1-4, 9.1-6, 9.3-1,
 9.3-2, 9.3-4

Section 10.0 - 10.6-2, 10.7-1, 10.7-2,
 10.7-4, 10.9-2, 10.11-1, 10.11-2, 10-11-4
 Figure 10.6-1, Figure 10.11-1,
 Figure 10.11-2

10.6-2, 10.7-1, 10.7-2, 10.7-4, 10.9-2,
 10.11-1, 10.11-2, 10.11-4, Figure 10.6-1,
 Figure 10.11-1, Figure 10.11-2

Section 11.0 - 11.2-1, 11.2-2, 11.8-2,
 Figure 11.2-1, Figure 11.8-1

11.2-1, 11.2-2, 11.8-2, Figure 11.2-1
 Figure 11.8-1

Section 12.0 - 12.2-2, 12.2-3, 12.2-4,
 12.3-7, 12.4-2, 12.4-10

12.2-2, 12.2-3, 12.2-4, 12.3-7, 12.4-2
 12.4-10

Section 13.0 - 13.6-3

13.6-3

Volume 5List of Figures - 8

8

Section 14.0 - 14.5-6, 14.6-7, 14.6-8,
 14.6-13, 14.6-26, 14.6-27, 14.6-37,
 14.6-43, 14.8-25, 14.8-28 thru 14.8-31

14.5-6, 14.6-7, 14.6-8, 14.6-13,
 14.6-26, 14.6-27, 14.6-37, 14.6-43,
 14.8-25, 14.8-28 thru 14.8-31

Volume 6List of Figures - 8

8

Appendix C - C.0-5, C.0-11

C.0-5, C.0-11

Appendix F - F.0-1

F.0-1