

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 7031

FILE: _____

FROM: <u>Iowa Electric Light and Power Co. Cedar Rapids, Iowa</u> <u>Charles W. Sandford</u>			DATE OF DOC <u>6-26-75</u>	DATE REC'D <u>7-1-75</u>	LTR <u>xx</u>	TWX	RPT	OTHER
TO: <u>Mr. Benard C. Rüsche</u>			ORIG <u>1-signed</u>	CC	OTHER	SENT NRC PDR <u>xxxx</u> SENT LOCAL PDR <u>xx</u>		
CLASS	UNCLASS <u>xxxxxx</u>	PROP INFO	INPUT	NO CYS REC'D <u>1</u>		DOCKET NO: <u>50-331</u>		

DESCRIPTION:

Ltr trans the following:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Duane Arnold

ENCLOSURES:

Supplement I
Safety Analysis for Operation With Modified
Core Configuration

FOR ACTION/INFORMATION

7-1-75 JGB

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPIES W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	LPM W/ Copies

INTERNAL DISTRIBUTION

REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
NRC PDR	SCHROEDER	GRIMES	R. DIGGS (L)	BRAITMAN
JGC, ROOM P-506A	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
GOSSICK/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
GIAMBUSO	SHAO	SPANGLER	J. LEE (L)	PLANS
BOYD	STELLO		M. MAIGRET (L)	MCDONALD
MOORE (L)	HOUSTON	ENVIRO	S. REED (E)	CHAPMAN
DEYOUNG (L)	NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS	DICKER	S. SHEPPARD (L)	E. COUPE
GOLLER (L) (Ltr)	IPPOLITO	KNIGHTON	M. SLATER (E)	PETERSON
P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	HARTFIELD (2)
DENISE	LONG	REGAN	S. TEETS (L)	KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	BENAROYA	BEVAN	V. WILSON (L)	WIGGINTON
MIFC	VOLLMER	HARLESS	P. INGRAM (L)	
			A. DUNCAN	

EXTERNAL DISTRIBUTION

1 - LOCAL PDR <u>Cedar Rapids, Iowa</u>	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	
1 - Newton Anderson		
1 - ACRS FILE SENT		

to Lic Asst.

apple 4 RM

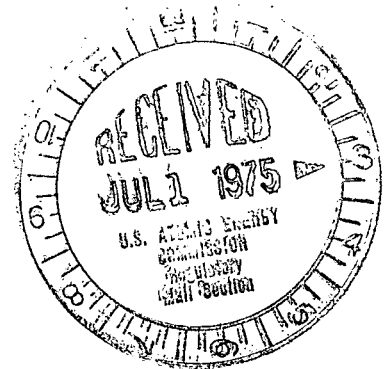
IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office
CEDAR RAPIDS, IOWA

June 26, 1975
IE-75-763

CHARLES W. SANDFORD
EXECUTIVE VICE PRESIDENT

50-331



Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

Dear Mr. Rusche:

The enclosed information is a clarification of our
submittal of June 24, 1975. Additional information will be
provided as necessary.

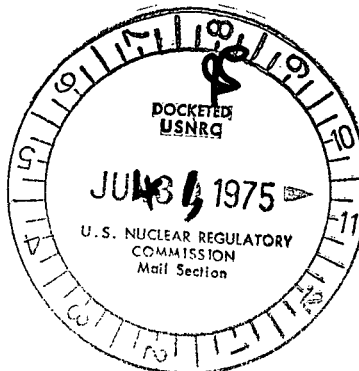
Very truly yours,

Charles W. Sandford
Charles W. Sandford
Executive Vice President

CWS/KAM/ms

Encls.

cc: D. Arnold
J. Newman



7021

SUPPLEMENT 1

DUANE ARNOLD ENERGY CENTER

SAFETY ANALYSIS FOR OPERATION WITH MODIFIED CORE CONFIGURATION

4. THERMAL HYDRAULIC CHARACTERISTICS

4.3 Replacement Bundles

For the remainder of cycle one, it is expected that the four 7 x 7 replacement bundles will not operate at a LHGR greater than 10 KW/ft due to their location at the core periphery.

5. NUCLEAR CHARACTERISTICS

Table 5-1

Power Coefficient - change from ≤ -0.02 to ≤ -0.04 in both columns.

5.1.4 Reactivity of the Fuel in Storage

Replace second sentence with the following:

This fuel bundle ~~K_∞~~ limit of 1.310 will insure that fuel bundles in the storage rack will have a $K_{eff} \leq 0.90$ under normal conditions and ≤ 0.95 under abnormal conditions.