

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 2276

FILE:

<b>FROM:</b> Iowa Electric Light & Power Co. Cedar Rapids, Iowa C. W. Sanford			<b>DATE OF DOC</b>  3-13-74		<b>DATE REC'D</b>  3-18-74		<b>LTR</b>  X	<b>MEMO</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b>  A. Giambusso			<b>ORIG</b>  3 signed		<b>CC</b>  40	<b>OTHER</b>	<b>SENT AEC PDR</b> XXX <b>SENT LOCAL PDR</b> XXX			
<b>CLASS</b>	<b>UNCLASS</b>	<b>PROP INFO</b>	<b>INPUT</b>		<b>NO CYS REC'D</b>		<b>DOCKET NO:</b>			
	XXX		XXX		43		50-331			

**DESCRIPTION:**

Ltr requesting amendment to license DPR-49

**ENCLOSURES:**

**DO NOT REMOVE**  
**ACKNOWLEDGED**

**PLANT NAME:** DUANE ARNOLD

**FOR ACTION/INFORMATION**

3-20-74    GMC

✓ BUTLER(L)	SCHWENCER(L)	ZIEMANN(L)	REGAN(E)
W/9 Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	DICKER(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
GOLLER(L)	VASSALLO(L)	KNIGHTON(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	SCHEMEL(L)	YOUNGBLOOD(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

✓ <u>REG FILE</u>	<u>TECH REVIEW</u>	DENTON	<u>LIC ASST</u>	<u>A/T IND</u>
✓ AEC PDR	HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSO	PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	SHAO		✓ MAIGRET (L)	✓ DUBE w/Input
✓ MOORE (L)(BWR)	STELLO	<u>ENVIRO</u>	SERVICE (L)	<u>INFO</u>
✓ DEYOUNG(L)(PWR)	HOUSTON	MULLER	SHEPPARD (E)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SMITH (L)	B. KING
P. COLLINS	ROSS	KNIGHTON	TEETS (L)	
DENISE	IPPOLITO	YOUNGBLOOD	WADE (E)	
✓ <u>REG OPR</u>	TEDESCO	REGAN	WILLIAMS (E)	✓ A. CABELL
FILE & REGION(3)	LONG	PROJECT LDR	WILSON (L)	
MORRIS	LAINAS		S. REED (L)	
STEELE	BENAROYA	<u>HARLESS</u>		
	VOLLMER			

**EXTERNAL DISTRIBUTION**

✓ 1 - LOCAL PDR CEDAR RAPIDS, IOWA	(1) (2) (10) - NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
WOODARD/"H" ST.	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
✓ 16 - CYS ACRS	1-GERALD ULRICKSON...ORNL	1-RD..MULLER..F-309 GT
Sent to Lic Asst Maigret 3-20-74		

50-331

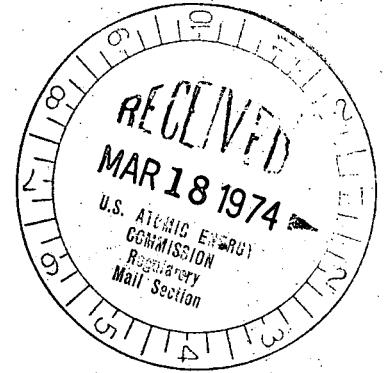
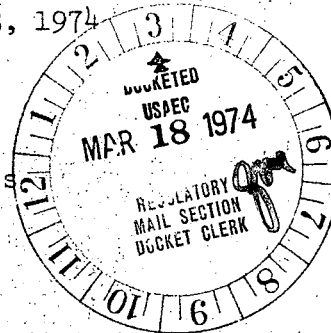
## IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

March 13, 1974

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



Subject: Request for Amendment of  
DPR-49 (Duane Arnold Energy Center)

Dear Mr. Giambusso:

The licensees of DPR-49 hereby request the following amendment thereof:

In paragraph 2.B (3) (e), delete the word "four" and insert in lieu thereof the word "eight".

Upon issuance of this amendment, paragraph 2.B (3) (e) will read as follows:

"(e) Antimony-124, in sealed sources not to exceed eight sources each of 1200 curies"

The amendment is required to correct an error arising initially in the preparation of our application for amendment 2 to byproduct material license 14-15018-01 filed on October 2, 1973. At the time of that application, it was our understanding that the standard GE startup source contained a single 1200 curie Antimony-124 source pin per source holder. In fact, it was discovered subsequent to delivery of the sources to the site (in the process of assembling them) that each source holder contains two (2) 1200 curie Antimony-124 source pins. Four such source holders, each containing 2 source pins, are at the site and are necessary for startup

2276

2270

of the DAEC. Accordingly, this amendment requesting authorization to possess and use 8 Antimony-124 source pins each not to exceed 1200 curies is necessary.

This request for license amendment has been reviewed and approved by the DAEC Operating Committee in accord with Technical Specification 6.5.1.4.d and has also received review and approval by the DAEC Safety Committee. The source configuration contemplated by this amendment is consistent with the DAEC FSAR (Section 3.3.4.11) and the same as that employed at certain other BWRs, including Vermont Yankee. The proposed amendment does not involve a significant hazards consideration.

Three originals and forty copies of the foregoing application for amendment of DPR-49 have been transmitted this date.

*C. W. Sandford*  
C. W. Sandford  
Executive Vice President

CWS/mg

cc: Mr. J. Owsley  
J. Keppler, Regional Director, DRO Region III  
File: A-103