

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:  
Mr. Victor Stello

FROM:  
Iowa Electric Light & Power Company  
Cedar Rapids, Iowa  
Ellery L. Hammond

DATE OF DOCUMENT  
12/22/76

DATE RECEIVED  
12/27/76

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
One signed

DESCRIPTION

Ltr. submitted in accordance with the requirements of Appendix B to Operating License DPR-49 regarding airborne release rates.

(1-P)

PLANT NAME:  
Duane Arnold

ENCLOSURE

**DO NOT REMOVE**

**ACKNOWLEDGED**

SAFETY

FOR ACTION/INFORMATION

ENVIRO 12/30/76

RJL

ASSIGNED AD:		ASSIGNED AD:	
<input checked="" type="checkbox"/> BRANCH CHIEF:	Lear (5)	<input checked="" type="checkbox"/> BRANCH CHIEF:	Regan
<input checked="" type="checkbox"/> PROJECT MANAGER:	Shea	<input checked="" type="checkbox"/> PROJECT MANAGER:	Bevan
<input checked="" type="checkbox"/> LIC. ASST. :	Parrish	<input checked="" type="checkbox"/> LIC. ASST. :	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
<input checked="" type="checkbox"/> OELD		LAINAS	
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACARRY	KIRKWOOD	ERNST
CASE	KNIGHT		BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STEPP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: Cedar Rapids, Iowa.	NAT. LAB:	BROOKHAVEN NAT. LAB.
<input checked="" type="checkbox"/> TIC:	REG V. IE	ULRIKSON (ORNL)
<input checked="" type="checkbox"/> NSIC:	LA PDR	
<input checked="" type="checkbox"/> ASLB:	CONSULTANTS:	
<input checked="" type="checkbox"/> ACRS 16 CYS HOLDING/SENT:	Car. B. (12/30/76)	

12973  
M15 op 4

50-331

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
December 22, 1976  
DAEC - 76 - 409

**REGULATORY DOCKET FILE COPY**

Mr. Victor Stello, Director  
Division of Operating Reactors  
Nuclear Regulatory Commission  
Washington, D.C. 20545



Subject: Airborne Release Rates  
File: A-103

Dear Mr. Stello:

This letter is submitted in accordance with the requirements of Appendix B to Operating License DPR-49 regarding airborne release rates from the Duane Arnold Energy Center.

Specification 2.3.1.C.3b requires that your office be notified when the airborne release rate exceeds 2% of the value specified in Specification 2.3.1.C.2 when averaged over a calendar quarter. Accordingly, this letter is to advise you that the DAEC airborne release rate will attain the above level during the week of December 19, 1976.

The primary source of the airborne activity is radioactive products released to the coolant through minor fuel cladding perforations which result from normal reactor power operation. The releases are somewhat increased by periodic cycling of reactor power to accomodate normal fluctuations in electrical distribution system loads.

In order to minimize the increase in DAEC airborne release rates during normal reactor power operation, the reactor will be base loaded as much as possible during the remaining operating cycle.

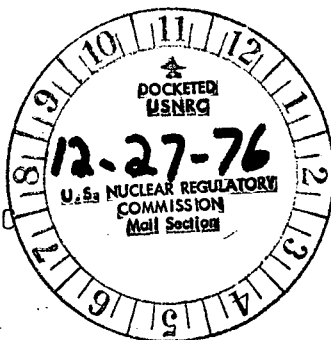
If you have any further questions regarding this matter, please do not hesitate to contact this office.

Very truly yours,

*Ellery L. Hammond*  
Ellery L. Hammond  
Assistant Chief Engineer

ELH/DLW/mg

cc: J. Keppler, NRC



12973