

50-331

## 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☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☒ ORIGINAL☒ UNCLASSIFIED☐ COPY

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:

☒ BRANCH CHIEF:

Lear

☒ PROJECT MANAGER:

Shea

☒ LIC. ASST. :

Parrish

ASSIGNED AD:

☒ BRANCH CHIEF: Regan☒ PROJECT MANAGER: Bevan☒ LIC. ASST. :

## INTERNAL DISTRIBUTION

☒ REG FILE☒ NRC PDR☒ I & E (2)☒ OELD☒ GOSSICK & STAFF

MIPC

CASE

HANAUER

HARLESS

SYSTEMS SAFETY

HEINEMAN

SCHROEDER

ENGINEERING

MACARRY

KNIGHT

SIHWEIL

PAWLICKI

PLANT SYSTEMS

TEDESCO

BENAROYA

LAINAS

IPPOLITO

KIRKWOOD

OPERATING REACTORS

STELLO

SITE SAFETY &amp;

ENVIRO ANALYSIS

DENTON &amp; MULLER

ENVIRO TECH.

ERNST

BALLARD

SPANGLER

SITE TECH.

GAMMILL

STAPP

HULMAN

SITE ANALYSIS

VOLLMER

BUNCH

☒ J. COLLINS

KREGER

PROJECT MANAGEMENT

BOYD

P. COLLINS

HOUSTON

PETERSON

MELTZ

HELTEMES

SKOVHOLT

REACTOR SAFETY

ROSS

NOVAK

ROSZTOCZY

CHECK

AT &amp; I

SALTZMAN

RUTBERG

OPERATING TECH.

☒ EISENHUT☒ SHAO☒ BAER☒ BUTLER☒ GRIMES

## EXTERNAL DISTRIBUTION

CONTROL NUMBER

☒ LPDR: Cedar Rapids, Iowa

NAT. LAB:

BROOKHAVEN NAT. LAB.

☒ TIC:

REG V. IE

ULRIKSON (ORNL)

☒ NSIC:

LA PDR

☒ ASLB:

CONSULTANTS:

☒ ACRS 16 CYS HOLDING/SENT: *Car. B. (12/30/76)*

12973

M 15 ap 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.

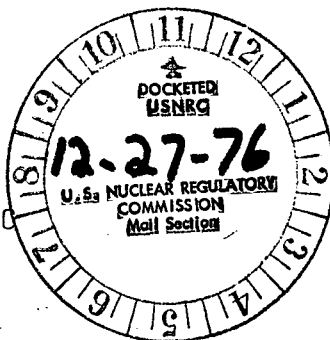
If you have any further questions regarding this matter, please do not hesitate to contact this office.

Very truly yours,

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

ELH/DLW/mg

cc: J. Keppler, NRC



12973