

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
REPORTS FILE

TO:

N. R. C.

FROM:

Iowa Electric Light & Power Company
Cedar Rapids, Iowa
G. G. Hunt

DATE OF DOCUMENT

7/22/76

DATE RECEIVED

7/30/76

☒ LETTER
☒ ORIGINAL
☐ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
one signed

DESCRIPTION

Ltr. w/attached.....furnishing revision 4 to
the semiannual report for the period July 1,
1975 to December 31, 1975.

(2-P)

PLANT NAME:
Duane Arnold

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

LIC. ASST.(S)...LTR & MAIL CONTROL ONLY
NOTE: DOCKET CLERK WILL SEND EPA(2), F & W
(2), F & D & NOAA CYS TO SAFETY LIC. ASST.
FOR DISTRIBUTION....TOTAL (6) CYS

SAFETY

FOR ACTION/INFORMATION

ENVIRO 78/2/76 RJL

☒ BRANCH CHIEF: Lear
W/1 CYS FOR ACTION

INTERNAL DISTRIBUTION

☒ REG FILE
☒ NRC PDR
☒ STELLO

☒ TEDESCO/ROSS
☒ J. COLLINS
☒ KREGER
☒ I & E (2)
☒ MIPC (4)
☒ HANAUER
☒ EISENHUT
☒ LIC. ASST.(L) LTR & MAIL CONTROL ONLY (SEE NOTE) Parrish (6)
☒ DENTON

EXTERNAL DISTRIBUTION

CONTROL NUMBER

☒ LPDR:
☒ TIC
☒ NSIC
☒ ACRS
W/ 16 CYS HOLDING SENT TO LA: PARRISH

7591

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
July 22, 1976
DAEC -76 -236



Director, Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
1717 H Street N.W.
Washington, D.C. 20545

Subject: Revision 4 to Semiannual Operating
Report for DAEC - July 1, 1975 to
December 31, 1975

File: A-118e

50-331

Dear Sir:

Please find enclosed three (3) copies of Revision 4 to the
Duane Arnold Energy Center Semiannual Report for the period July 1, 1975
to December 31, 1975.

Revision 4 consists of changes to page H.1-1.

The changes result from calculation errors and typographical
errors made during the preparation of the report.

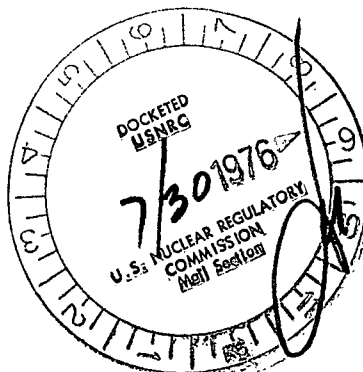
Very truly yours,

G. G. Hunt
G. G. Hunt, Chief Engineer
Duane Arnold Energy Center

GGH/DLW/mg

Enclosures

cc: w/o enclosures
D. Arnold
J. Wallace
E. Hammond
D. Wilson



Regulatory Docket File

7591

Radiation Effluent Report

H.1

July 1, 1975 to December 31, 1975

1. Gaseous Effluents

	<u>Units</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
a.1 Gross Radioactivity Releases	curies	1.04E+02	1.34E+02	1.24E+02	1.30E+02	1.08E+02	1.21E+02	7.21E+02
a.2 Percent of Technical Specification Limit for Gases (1)	%	---	---	3.80E+00	---	---	4.00E+00	
a.3 Maximum gross radioactivity release during any one hour period.	µCi/sec	1.51E+02	1.15E+02	1.12E+02	2.33E+01	8.93E+01	1.43E+02	
a.4 Gases Released by Nuclide	curies							
Xe-138		3.23E+01	---	4.16E+01	1.10E+02	---	---	1.84E+02
Kr-87		---	---	---	---	---	---	---
Kr-88		2.67E+01	3.67E+00	2.70E-01	2.00E-01	1.83E+00	2.97E+00	3.56E+01
Kr-85m		4.16E+00	1.05E+00	1.10E-01	3.00E-01	7.10E-01	1.23E+00	7.56E+00
Xe-135		3.26E+00	1.23E+01	1.35E+01	2.00E-01	6.70E+00	1.20E+01	4.80E+01
Xe-133		1.53E+01	7.70E+01	2.57E+01	1.10E+01	6.50E+01	8.13E+01	2.75E+02
Ar-41		2.22E+01	4.00E+01	4.26E+01	7.20E+00	3.30E+01	2.35E+01	1.68E+02
N-13		---	---	2.20E-01	1.40E-01	7.10E-01	---	1.07E+00
b.1 Iodine Releases	curies							
Iodine - 131		1.72E-03	3.88E-03	3.51E-03	9.46E-04	3.71E-04	6.36E-04	1.11E-02
Iodine - 133		---	---	3.78E-10	---	---	---	3.78E-10
Iodine - 135		---	---	---	---	2.06E-10	---	2.06E-10
b.2 Percent of Technical Specification Limit for Halogens and Particulated (1)	%	---	---	1.60E-01	---	---	8.00E-02	---

H.1.1