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(2-76)

U.S. NUCLEAR REGULATORY COMMISSION

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Iowa Electric Light & Power Co
Cedar Rapids, Ia
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DESCRIPTION

Explanation of an apparent inconsistency
in the particulate section of 1-1-77 thru
6-30-77 semiannual radiation effluent rpt
.....

1p

ENCLOSURE

PLANT NAME:

Duane Arnold

9-23-77 ehf

SAFETY

FOR ACTION/INFORMATION

PROJECT MANAGER:

LIC. ASST. (5)**

Wet more
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REGULATORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
September 16, 1977
DAEC-77-480



Director, Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Semiannual Operating Report

FILE: A-118e

Dear Sir:

The following is an explanation of an apparent inconsistency in the particulate section of the January 1, 1977 through June 30, 1977 semi-annual radiation effluent report.

The curie amounts of the specific particulate nuclides for the second quarter are overstated by three days. This amounts to 385 μCi for all the nuclides listed. During the compilation of the semiannual report the specific nuclide curie amounts calculated from the analysis of the weekly samples taken on April 4, 1977 were added to the second quarter nuclide totals; however, the computer program which maintains a cumulative gross β/γ activity for the quarter allocated three days of the week to the first quarter and four days to the second quarter.

This inconsistency does not allow the sum of the specific nuclides to be compared to the total curies released (line C.1). To allow comparison of the sum of the nuclides to the total curies released it is necessary to subtract 385 μCi from the first quarter total (C.1) and add it to the second quarter total (C.1).

Very truly yours,

Ellery Hammond
Ellery Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/KDY/1h

772660124

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