

50-331

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TO:

Mr. Edson G. Case

FROM:

Iowa Elec. Light & Pwr. Company
Cedar Rapids, Iowa
Lee Liu

DATE OF DOCUMENT

7/11/77

DATE RECEIVED

7/15/77

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DESCRIPTION

Ltr. w/attached...notorized 7/11/77...
consisting of supplement to application
dated 6/17/77 concerning analysis of
misoriented bundle.....

(2-P)

ENCLOSURE

DO NOT REMOVE

ACKNOWLEDGED

PLANT NAME:

Duane Arnold
RJL 7/15/77

SAFETY

FOR ACTION/INFORMATION

ENVIRONMENTAL

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LICENSING ASSISTANT:

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

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B. HARLESS

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(2)

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LPDR: Cedar Rapids, Ia

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REG IV (J. HANCHETT)

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NSIC

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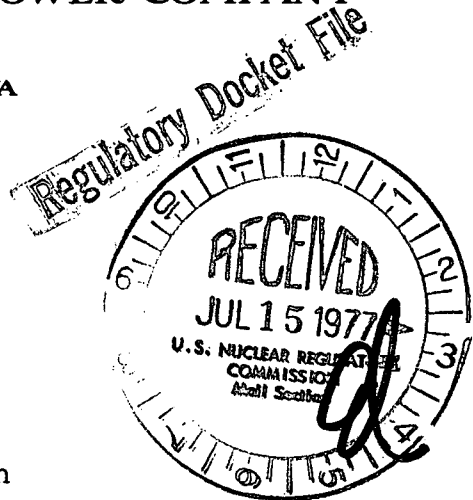
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IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office
CEDAR RAPIDS, IOWA

LEE LIU
VICE PRESIDENT - ENGINEERING

July 11, 1977
IE-77-1322



Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

Dear Mr. Case:

This submittal is to supplement our application dated June 17, 1977. The enclosed question was transmitted orally to us by Mr. M. Mendonca of your staff. This submittal is to provide written confirmation of the answer.

This supplement to the application, including the enclosure to this letter, is true and accurate to the best of my knowledge and belief.

IOWA ELECTRIC LIGHT AND POWER COMPANY

BY: Larry D. Root
Lee Liu *for*
Vice President, Engineering

LL/KAM/bja
Enc.

Subscribed and Sworn to before me on
this 11th day of July, 1977.

cc: K. Meyer
D. Arnold
R. Lowenstein
R. Clark (NRC)
L. Root
File J-60a

Jean R. Smith
Notary Public in and for the State of
Iowa.

Jean R. Smith
NOTARY PUBLIC
STATE OF IOWA
Commission Expires
September 30, 1978

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1. QUESTION

As the NRC concerns on the new methods of evaluating the misoriented bundle require further clarification, provide the results of the analysis of misoriented bundle by previously approved methods.

RESPONSE

In the June 17, 1977, submittal, the analysis of the rotated bundle accident yielded a MCPR of 1.07 and a peak linear heat generation rate of 16.8 kw/ft. with an initial MCPR of 1.22. With the same initial conditions and the simplified procedures used in the January 31, 1977, submittal, the analysis results in a 1.01 MCPR and a peak linear heat generation rate of 16.5 kw/ft.

Until such time as the new rotated bundle accident analysis methods are approved, it is appropriate to approve Technical Specifications with an operating limit MCPR of 1.27 for 8 x 8 fuel.

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