

MAY 12 1975

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Docket No. 50-249

Commonwealth Edison Company
ATTN: Mr. J. S. Abel
Nuclear Licensing Administrator -
Boiling Water Reactors
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

We are reviewing the Dresden Unit 3 reload submittal dated January 21, 1975, and have concluded that the additional information requested in the enclosure is necessary to continue our review. To enable us to maintain our review schedule, please submit the requested information by May 19, 1975.

Sincerely,

Original signed by
Dennis L. Ziemann
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Reactor Licensing

Enclosure:
Request for Additional Information.

cc w/enclosure:
See next page

Apple
(3)

OFFICE ▶	RL:ORB-2 x7403	RL:ORB-2 DZ				
SURNAME ▶	RSilver:esp	DLZiemann				
DATE ▶	5/12/75	5/12/75				

MAY 12 1975

cc:

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DRESDEN UNIT 3 RELOAD

ADDITIONAL INFORMATION REQUEST

1. The accident reactivity characteristics for the rod drop accident shown in Figure 6-2 of NEDO-20694 imply segment rod withdrawals. This corresponds to a changing philosophy in the rod withdrawals previously established for Dresden 3. Provide a thorough explanation and discussion of rod withdrawal sequences and patterns if different than previously reported to NRC.
2. Figure 2-1 of NEDO-20694 shows that the two rows and columns of fuel that intersect at the center of the reactor will consist of only initial core fuel. Discuss the effect of possible neutronic uncoupling of the core into possible quarter core "criticals" by use of the loading patterns for this reload and the previous two reloads. What is the average reactivity of these two rows and columns of fuel compared to the reloaded core average reactivity both controlled and uncontrolled?