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APR 20 1976

Docket No. 50-237

Commonwealth Edison Company
ATTN: Mr. R. L. Bolger
Assistant Vice President
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

We are reviewing your submittal dated March 15, 1976, regarding Reload No. 2 (Cycle 5) for Dresden Unit No. 2 and have determined that the additional information requested in the enclosure is necessary to continue our review. The questions in the enclosure were discussed with Mr. Abrell on April 9, 1976, and telecopied to you on April 19, 1976.

To enable us to maintain a review schedule consistent with your schedule for return to operation following the current refueling outage, please submit the requested information by April 26, 1976.

Sincerely,
Original Signed by:
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Request for Additional Information

cc w/enclosure:
See next page

OFFICE ➤	OR:ORB #2	OR:ORB #2				
SURNAME ➤	RDSilver:ah	DLZiemann				
DATE ➤	4/20/76	4/20/76				

Form AEC-318 (Rev. 9-53) AECM 0240 ☆ U. S. GOVERNMENT PRINTING OFFICE: 1974-526-166

cc w/enclosure:
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Morris Public Library
604 Liberty Street
Morris, Illinois 60451

ENCLOSURES

COMMONWEALTH EDISON COMPANY
REVIEW OF RELOAD NO. 2
DRESDEN UNIT NO. 2
DOCKET NO. 50-237
REQUEST FOR ADDITIONAL INFORMATION

1. Provide a table of transient input parameters. Include the information specified in Table 6-1 of Appendix A to NEDO-20360, as amended.

2. Provide an EOC full power scram reactivity curve for Reload 2.

3. Provide a table summarizing the transient analysis (see Table 6-2 of Appendix A to NEDO-20360, as amended).

4. Provide a list, with values, of the design conservatism factors (DCFs) that are used in the transient analysis.

5. Provide curves, for BOC and EOC, of the void coefficient of reactivity as a function of void fraction.

6. Provide a curve indicating the variation of the linear heat generation rate with rod position as part of the results for the rod withdrawal error analysis. Data should be provided for the worst affected 7 x 7 and 8 x 8 fuel bundles.

7. Describe the extent, if any, of fuel shuffles for initial and Reload No. 1 fuel bundles. If fuel shuffles are to be made, discuss the applicability of the transient and accident analyses presented for Reload No. 2.

8. Discuss the applicability of the transient analysis of Dresden Station Report No. 29 Supplement B to Reload No. 2 for Dresden Unit No. 2 for which data (e.g., void coefficient of reactivity) may differ significantly.

9. It is stated in the reload submittal that all 80 8D250 bundles incorporate finger springs for controlling coolant by-pass. Are finger springs used on reload 2 8D262 bundles? What is the percent of by-pass flow generated?

10. Discuss the overpressure transient resulting from closure of all main steam isolation valves with (1) scram on high neutron flux, (2) no credit for relief valves (3) failure of one safety valve and (4) void reactivity coefficient and scram curve applicable to this reload. If a previous analysis is referenced, justify its applicability to this reload.