



Commonwealth Edison
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October 2, 1981

Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch 5
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 and 3
High Density Spent Fuel
Storage Racks Seismic Analysis
NRC Docket Nos. 50-237/249

References (a): "Licensing Report Dresden Nuclear Power Plant
Units 2 and 3 Spent Fuel Rack Modification,"
Rev. 5, dated January 19, 1981

(b): D. M. Crutchfield letter to J. S. Abel dated
May 13, 1981

Dear Mr. Crutchfield:

Enclosed for your review are ten (10) copies of the report
"Evaluation of the Effects of Postulated Rocking of Racks on Spent
Fuel Pool Structures of Dresden Nuclear Station Units 2 and 3".
This report was prepared for Commonwealth Edison Co. by the Quadrex
Corporation and the assumptions and methodology used in the analysis
are consistent with those previously discussed in conference calls
involving CECO., Quadrex, NRC SEP Branch, and NRC Operating Reactors
Branch 5.

Based on the results of this analysis, we conclude that the
spent fuel pool structures at Dresden 2 and 3 are structurally
adequate to support the installation of thirty-three (33) high
density spent fuel storage racks as described in Reference (a). We
believe that this analysis provides the final response to the
questions transmitted in Reference (b) which were previously
discussed in meetings in the NRC offices in Bethesda, Md. on June 30
and July 17, 1981.

Please address any questions concerning this matter to this
office.

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One (1) signed original and thirty-nine (39) copies of this transmittal are provided for your use.

Very truly yours,



T. J. Rausch
Nuclear Licensing Administrator
Boiling Water Reactors

cc: Mr. John F. Wolfe, Esq.
Dr. Linda W. Little
Dr. Forrest J. Remick
Mr. Richard Goddard, Esq.
Ms. Mary Jo Murray, Esq.

RIII Inspector, Dresden

Attachment

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