



**Commonwealth Edison**  
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June 21, 1977

Mr. Donald K. Davis, Acting Chief  
Operating Reactors - Branch 2  
Division of Operating Reactors  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Regulatory Docket File

Subject: Dresden Station Unit 2  
Spent Fuel Shipping Cask Handling  
NRC Docket No. 50-237



Reference (a): J. S. Abel letter to D. L. Ziemann,  
dated May 8, 1974.

Dear Mr. Davis:

It was originally planned, in June, 1974, to begin shipment of 753 spent fuel bundles from the Dresden Station Unit 2 spent fuel pool. At that time, the quantity of high level radioactive waste represented by the fuel stored in the pool was relatively small, and handling of the 75-ton IF-300 shipping cask with the conventional reactor building crane posed no unacceptable risks. Reference (a) stated that a report of shipping experience gained would be submitted after completion of fuel assembly shipping.

The actual spent fuel shipping campaign for the 753 fuel bundles was delayed, due to scheduling problems, until September, 1975. Four shipments were made in September, totaling 64 bundles, to General Electric's Midwest Fuel Recovery Plant (MFRP) using the IF-300 shipping cask. The cask was handled at Dresden with the conventional reactor building crane, and no problems whatsoever with cask handling were encountered. The campaign was suspended following these shipments.

Following the installation of a redundant hoist on the reactor building crane, the fuel shipping campaign was resumed. An additional 39 shipments were made, beginning in June, 1976 and culminating with the last of the 753 bundles at the end of March, 1977. A few difficulties were encountered with the redundant crane system, which were basically due to its more limited travel (which necessitated a "two-stage" procedure to lift the cask from its railcar) and to small problems in the restricted path logic, which were gradually solved. Since no problems were encountered with the conventional crane, no evidence of improved reliability was apparent.

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Commonwealth Edison

Mr. Donald K. Davis

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One (1) signed original and 39 copies of this letter are provided for your review.

Very truly yours,

A handwritten signature in black ink that reads "M. S. Turbak". The signature is written in a cursive style with a long horizontal line extending to the right.

M. S. Turbak  
Nuclear Licensing Administrator  
Boiling Water Reactors