

# Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 747 ★ CHICAGO, ILLINOIS 60690

March 26, 1973

Mr. D. J. Skovholt  
Assistant Director for  
Operating Reactors  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545



Subject: Torus Baffle Studies for Dresden Units 2 and 3,  
AEC Dkts 50-237 and 50-249

Dear Mr. Skovholt:

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Your letter of August 2, 1972, requested information concerning the torus baffles presently installed in Dresden Units 2 and 3. A response was submitted to you on November 27, 1972 which indicated that the desired analysis would be submitted about February 1, 1973. This report is to inform you of the present program for the torus baffles in Dresden Units 2 and 3.

A generic report on the results of torus testing performed at Quad-Cities Station is being prepared by the General Electric Company. This report is due to be submitted to the AEC during May, 1973. This report will be reviewed, when available, for its applicability to Dresden Units 2 and 3.

Because of the effort being placed on providing the generic report, analyses for the present Dresden Units 2 and 3 tori have not been performed. An analysis has been performed for the Oyster Creek Nuclear Generating Station. This report was submitted to Mr. Giambusso on June 2, 1972, and justified the removal of approximately 60% of the baffles as a solution to the problem associated with blowdown forces in the torus.

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Commonwealth Edison Company

Mr. D. J. Skovholt

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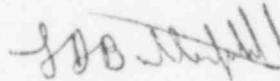
March 26, 1973

Due to the similarity between the Oyster Creek and Dresden tori, the Oyster Creek analysis is considered representative of the Dresden tori as they exist.

Preliminary results from the Quad-Cities tests indicate that thermal mixing in the torus is satisfactory without the baffles and therefore there is no justification for retaining the baffles in the Dresden Units 2 and 3 tori. Consequently, the baffles will be removed. The Dresden 3 baffles are being removed during the refueling outage presently in progress and the Dresden 2 baffles will be removed during the next refueling outage, presently scheduled for the spring of 1974. As discussed in our submittal of November 27, 1972, operation of Dresden Unit 2 until the next refueling outage with the baffles in place is justified.

One signed original and 39 copies of letter are provided for your use.

Very truly yours,



L. D. Butterfield, Jr.  
Nuclear Licensing Administrator