



## Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA \* CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 \* CHICAGO, ILLINOIS 60690

March 24, 1972

Mr. Roger S. Boyd, Assistant Director  
for Boiling Water Reactors  
Division of Reactor Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

Regulatory

File Cy.

Subject: Inspection and Structural Capability of the  
Dresden Units 2 and 3 Tori

Dear Mr. Boyd:

This is in response to your letter of March 13 concerning the inspection and evaluation of the tori for Dresden Units 2 and 3.

At the present time, Dresden Unit 2 is undergoing a refueling outage. During this outage, the relief valve piping supports have been modified to accommodate the blowdown reaction forces with a greater margin of safety. This modification is complete. Prior to this modification, the supports had been inspected and no indication of distress was found. In addition, during the present outage, the baffles will be inspected. The torus is presently being drained and this inspection of the baffles should be completed within the next week.

An inspection of the piping supports and baffles in the Dresden Unit 3 torus has been scheduled for January 1973. This schedule is based on the fact that no abnormal structural conditions were observed on Unit 2 during its inspection. In addition, the relief valve piping was modified approximately one year ago and is not the same as the Monticello design.

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*See docket 50-237  
for entire letter*

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UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

MAR 13 1972

Docket Nos. 50-237  
and 50-249

Commonwealth Edison Company  
ATTN: Mr. Byron Lee, Jr.  
Assistant to the President  
P.O. Box 767  
Chicago, Illinois 60690

Gentlemen:

The Dresden 2 and 3 facilities still have baffles installed in the torus suppression pools. We have concluded, based on our evaluation of previous analyses, that these baffles are not required to assure that the suppression pools will perform their intended functions regarding condensation of steam discharged to the tori.

A recent inspection made by Northern States Power Company at their Monticello plant revealed damage to the torus baffles and other structural components installed in the suppression pool. The Northern States Power Company, assisted by the General Electric Company, has removed all of the torus baffles and has also taken corrective steps regarding other structural damage, including the anchorages for the blowdown discharge pipes.

If you have not already done so, please plan an inspection of the tori of your facilities with special emphasis on the structural condition of anchorages, baffles, and other structural appurtenances. Subsequently, provide us with your evaluation of the effects of all blowdown forces into the tori on the installed torus baffles, other torus structural components, and blowdown vent pipe anchorages and a proposed course of action to avoid any safety problems in the event these effects exceed acceptable structural design criteria.

Please let us know within two weeks your schedule for the inspection and the submittal of the requested information.

Sincerely,

Roger S. Boyd, Assistant Director  
for Boiling Water Reactors  
Division of Reactor Licensing

cc: See next page

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MAR 13 1972

cc: John W. Rowe  
Isham, Lincoln & Beale  
Counselors at Law