

50-254

50-265

Regulatory File No.

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA * CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 * CHICAGO, ILLINOIS 60690

March 27, 1972



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

Subject: Structural Integrity of the Quad-Cities Tori

Dear Mr. Boyd:

This is in response to your letter of March 13 in which you requested an evaluation of the structural components of the Quad-Cities tori.

In July 1971, an evaluation was made of the structural components and on the basis of this evaluation, modifications were made to the supporting structure and anchorages of the piping within the tori. This modification has been completed and is the same as that proposed for the Monticello plant.

Should you have any additional questions, please let me know.

Very truly yours,

Wayne L. Stiede

Wayne L. Stiede
Nuclear Licensing Administrator



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

Gentlemen:

A recent inspection made by Northern States Power Company at their Monticello plant revealed structural damage to baffles and other structural components installed in the torus-shaped suppression pool from the dynamic effects resulting from the normal reactor coolant system blowdown through the relief valve discharge lines into the suppression pool. The Northern States Power Company, assisted by the General Electric Company, in addition to removing the baffles, has taken corrective steps regarding the other structural damage including the anchorages for the blowdown discharge pipes.

We appreciate that the Quad Cities Units 1 and 2 tori do not have baffles. However, in order that we may assess the structural safety in the tori of the Quad Cities plants, please provide us with your evaluation of the effects of all blowdown forces into the torus on the vent pipe anchorages and other torus structural components 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 submittal of the requested information.

Sincerely,

Original signed by:
 Roger S. Boyd

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

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

OFFICE	DRL	DRL	DRL/AD RPS	DRS	DRL/AD/BWR
SURNAME	Project Leader	Br. Chief	Tedesco	Maccary	Boyd
DATE	3/9/72	3/9/72	3/5/72	3/11/72	3/12/72

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