

Regulatory

File Cys

# Commonwealth Edison Company

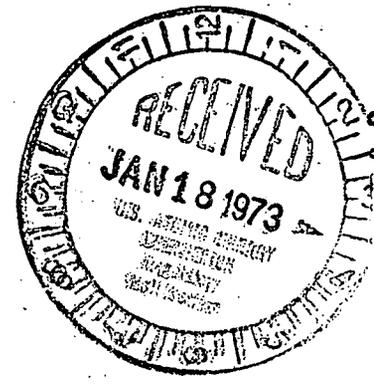
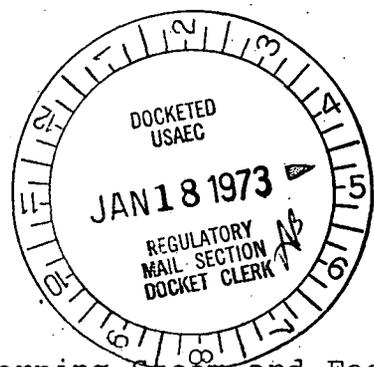
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

January 16, 1973

Mr. Angelo Giambusso  
Deputy Director for Reactor  
Projects  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545



Subject: Response Concerning Steam and Feedwater  
Line Breaks Outside the Containment for  
Dresden and Quad-Cities Stations, AEC  
Dkts 50-10, 50-237, 50-249, 50-254 and 50-265

Dear Mr. Giambusso:

Your letters of December 14, 15 and 18, 1972,  
requested that we review the design of the Dresden and Quad-  
Cities Stations for the consequences of a postulated pipe fail-  
ure outside the containment structures.

As discussed with your staff, preliminary analyses  
indicate that the postulated failure will not pose a safety  
problem in Dresden Units 2 and 3 and Quad-Cities Units 1 and 2.  
As your letters indicated, the steam and feedwater line routes  
are direct and therefore short. The steam tunnels are designed  
to vent at a specified pressure to the below turbine cavity area.  
The control rooms are at the end of the turbine buildings and  
are remote relative to the steam lines. Atmospheric conditions  
near a steam break do not appear to pose a problem since the  
quantity of steam available is limited and the volume into which  
the steam can escape is large.

Our schedule for responses to your questions is as  
follows:

Dresden Unit 1 - this information will be supplied  
at the time that outstanding questions

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479

Commonwealth Edison Company

Mr. Angelo Giambusso

- 2 -

January 16, 1973

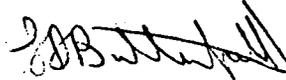
on the Emergency Core Cooling System are answered. This date is presently scheduled for around the end of February.

Dresden Units 2 and 3 - July 1, 1973.

Quad-Cities Units 1 and 2 - September 1, 1973.

These analyses are being performed by the same staff of people in all cases. Therefore, staggered dates for responses are required.

Very truly yours,



Byron Lee, Jr.  
Assistant to the President