



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

April 6, 1979

REGULATORY DOCKET FILE COPY

Mr. Dennis L. Ziemann, Chief
Operating Reactors - Branch No. 2
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Dresden Station Unit 2
SEP Review of Safe Shutdown Systems
NRC Docket No. 50-237

Reference (a): D. L. Ziemann letter to C. Reed dated
February 9, 1979

Dear Mr. Ziemann:

Our Staff has now reviewed the SEP review for Dresden Unit 2 transmitted in Reference (a). Our comments are listed below. Changes are indicated by quotation marks. Minor typographical and grammatical errors were not addressed.

Page 2, Second Paragraph: The Shutdown Cooling System is the Dresden Unit 2 equivalent "of the reactor shutdown cooling portion" of an RHR system.

Page 7, First Paragraph: At about 40% power, feedwater flow has been reduced to about 4×10^6 pounds per hour and "a feedwater pump, a condensate pump, and a condensate booster pump have been removed from service."

Page 9, Last Paragraph: Cooldown is accomplished as in Section 2.1. Alternatively, the plant could continue to cold shutdown using this method.

Page 16, Last Line: The supply (steam) line branches into two lines, one to each "of two tube bundles."

Page 18, Last Paragraph: The entire "clean demineralized water" piping arrangement to the isolation condenser utilizes "normally open" manually operated valves, ...

7904160085

Acc
S/p
4

Mr. Dennis L. Ziemann:

- 2 -

April 6, 1979

Page 28, Last Paragraph: This mode of operation would continue until a reactor low-low water level or high drywell "pressure" is reached.

Page 29, Third Paragraph: Fourth line should read "... indication of reactor water low-low level and drywell high pressure in sufficient time..."

Page 33: The conclusion that Dresden Unit 2 has the ability to withstand multiple failures and still retain the capability to depressurize and cool the reactor core is the central point of the report. This conclusion is somewhat confused by the several lists of things that don't meet requirements.

We look forward to the final resolution of those open questions. Please contact us when we can provide additional information.

Yours very truly,



Cordell Reed
Assistant Vice-President