

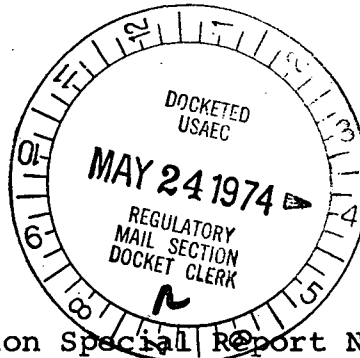


**Commonwealth Edison**  
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May 21, 1974

## Regulatory Docket File

Mr. D. L. Ziemann, Chief  
Operating Reactors - Branch 2  
Directorate of Licensing  
Office of Regulation  
U.S. Atomic Energy Commission  
Washington, D.C. 20545



Subject: Dresden Station Special Report No. 29, Supplement B -  
Dresden Station Unit 3 Transient Analyses for  
Cycle 3 and Quad-Cities Unit 1 Cycle 2 - AEC  
Dkts 50-249 and 50-254

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Dear Mr. Ziemann:

The following additional information concerning the subject report is submitted in response to conversations with members of your staff. In addition to the analyses presented in the subject Special Report, an analysis was conducted with the following input data.

- Design conservatism factors
- End-of-cycle scram reactivity curve
- Reactor at 93% of rated power
- Main steam isolation valve closure
- No bypass valves
- No relief valves
- No Target Rock valve
- Reactor Scram due to high flux
- Safety valve setpoints - two - 1240 psig; two - 1250 psig;  
and four - 1260 psig

With these input data, the peak transient pressures occurring in the reactor vessel were calculated to be 1281 psig in the dome and 1310 psig at the bottom of the vessel.

The results of this analysis are provided in response to a specific request and do not reflect a realistic analysis of the postulated transient. The realistic and proper analyses are presented in Special Report No. 29, Supplement B.

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Mr. D. L. Ziemann

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One signed original and 39 copies of this additional information are submitted for your use.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. S. Abel". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

J. S. Abel  
Nuclear Licensing Administrator  
Boiling Water Reactors