

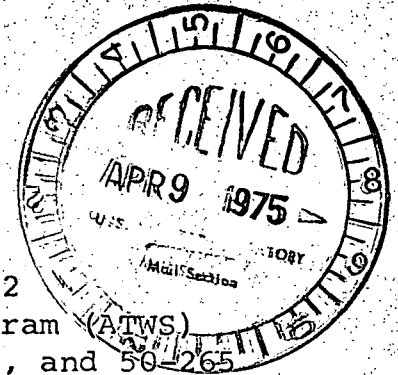


Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

REGULATORY DIVISION FILE COPY
 April 3, 1975

Mr. Angelo Giambusso, Director
 Division of Reactor Licensing
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555

Subject: Dresden Station Units 2 and 3
 Quad-Cities Station Units 1 and 2
 Anticipated Transient Without Scram (ATWS)
 NRC Dkts. 50-237, 50-249, 50-254, and 50-265

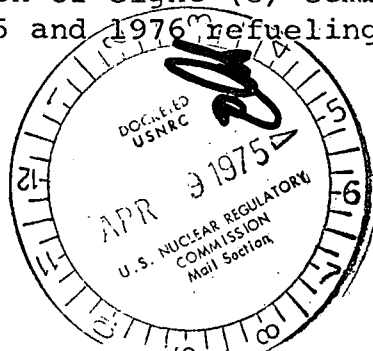


Dear Mr. Giambusso:

In response to your letter dated October 19, 1973, attached is a report which describes a study of the consequences of postulated ATWS events. This report entitled "Anticipated Transients Without Scram: Study for Dresden 2, 3 and Quad-Cities 1, 2 Nuclear Power Stations", NEDO-20849, dated March 1975 is submitted in conformance with WASH-1270, Appendix A, Section II.C.1.

As discussed in previous letters to you dated December 10, 1973 and October 7, 1974, Commonwealth Edison Company considers a total failure to scram in conjunction with a significant transient so unlikely that there is no significant risk associated with the ATWS event postulated. Further justification of this conclusion is contained in the introduction of the attached report. On the basis of these considerations, backfitting the plant modifications identified in the attached report is not recommended; because the modifications will not significantly improve public health and safety.

The analyses performed in the attached report used a relief valve capacity which is available from eight (8) Target-Rock combination safety-relief valves. It is planned to modify all four (4) units to the configuration of eight (8) combination safety relief valves during the Fall 1975 and 1976 refueling outages.



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Mr. Angelo Giambusso

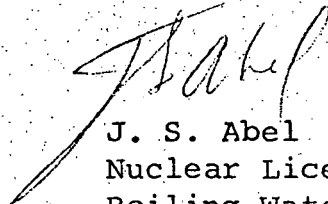
Page 2

April 3, 1975

Presently, all four (4) units are equipped with four (4) electro-matic relief valves, one (1) combination safety-relief valve and eight (8) spring safety valves. Since the results of the analyses for the 8-valve configuration will overestimate the consequences for the present 13-valve configuration, the report is conservatively applicable to the present plant configurations.

One (1) signed original and 39 copies of this study are submitted for your information.

Very truly yours,



J. S. Abel
Nuclear Licensing Administrator
Boiling Water Reactors

Attachment