



Commonwealth Edison

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

July 15, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Quad Cities Station Unit 2
Proposed Technical Specification
Change Concerning Safety/Relief
Valve Setpoints
NRC Docket No. 50-265

References (a): T. J. Rausch letter to H. R. Denton
dated October 18, 1982.

(b): R. B. Bevan letter to L. O. DelGeorge
dated December 15, 1982.

Dear Mr. Denton:

Pursuant to 10 CFR 50.59, Commonwealth Edison proposes to amend the Appendix A Technical Specifications to Facility Operating License DPR-30 for Quad Cities Station Unit 2. The requested amendment changes the safety/relief actuating setpoint of the Target Rock valve to 1135 psig and changes the setpoint of two Electromatic Relief (EMR) valves to 1115 psig.

In analyses associated with the Mark I Containment Program, it was discovered that excessive loads could be subjected to the torus if a relief valve actuation occurs shortly after it closes. This loading is the result of a water leg entrapped in the relief valve discharge line from the vacuum caused by the condensed steam in this line. To prevent such loading, a modification to the EMR valve logic is currently being installed which will delay automatic opening of two EMR valves up to ten seconds from the last closure of the valve. In order to maintain very similar overall Target Rock and EMR valve performance with this logic change and prevent excessive loading, the two affected (EMR) valves Technical Specification pressure setpoints must be lowered so that they are the first to actuate and the setpoint of one valve (Target Rock) will be raised.

The Quad Cities Unit 2 Cycle 7 licensing analyses were performed using the revised relief valve setpoints. The results of these analyses were found to comply fully with and are conservatively bounded by the current provisions of DPR-30 and its appendices. Similar conclusions were found for Quad Cities Unit 1 where identical changes were requested in Reference (a) and approved as Amendment 83 DPR-29 in Reference (a).

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PDR ADOCK 05000265
P PDR

*Anal w/cheek
\$4,000
Add: Byron Siegel*

July 15, 1983

The attached changes have received On-Site and Off-Site review and approval. Installation of this modification is required in the upcoming Unit 2 outage by the Mark I orders; your approval of this request is therefore necessary prior to startup (November, 1983).

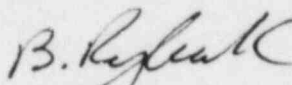
We have reviewed this amendment request and find that no significant hazard consideration exists. Our review is documented in Attachment 2. Commonwealth Edison is notifying the State of Illinois of our request for this amendment by transmittal of a copy of this letter and its attachments to the designated State official.

We have determined that this request is a Class III 10 CFR 170 amendment request. As such, a fee remittance of \$4,000 is enclosed.

Please direct any questions you may have concerning this matter to this office.

Three (3) signed originals and thirty-seven (37) copies of this transmittal are provided for your use.

Very truly yours,



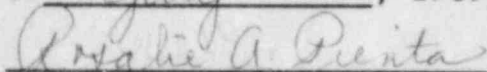
B. Rybak
Nuclear Licensing Administrator

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Attachments

cc: Region III Inspector - Quad Cities
R. Bevan - NRR
G. Wright (Illinois)

SUBSCRIBED and SWORN to
before me this 15th day
of July, 1983


Notary Public