



Commonwealth Edison
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August 28, 1989

Dr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Quad Cities Station Units 1 and 2
Application for Amendment to Facility
Operating License DPR-29 and DPR-30
Appendix A, Technical Specifications
NRC Docket Nos. 50-254 and 50-265

- References (a): R. Stols letter to T.E. Murley dated
March 31, 1989.
- (b): R. Stols letter to T.E. Murley dated
August 7, 1989.
- (c): Safety Evaluation by the Office of Nuclear
Reactor Regulation Supporting Amendment 75
to Provisional Operating License No. DPR-29
and Amendment 68 dated December 18, 1981.

Dr. Murley:

Pursuant to 10 CFR 50.90, Commonwealth Edison Company proposes a temporary change to Appendix A, Technical Specifications to Facility Operating Licenses DPR-29 and DPR-30 for Quad Cities Units 1 and 2, respectively. The purpose of the change is to allow the "B" loop of the Residual Heat Removal (RHR) heat exchangers on each unit to be fed from the RHR "C" and "D" service water pumps on Unit 1 via the cross-tie line. The "A" loop on each unit will remain unchanged.

On Sunday, August 27, 1989, the Unit 2 "C" and "D" RHR Service Water pumps failed to meet the required flow rates specified in Technical Specification Section 4.5.B.1.b. It is believed that the cause of this failure was further deterioration of the Unit 2 "B" RHR Service Water loop pipe crack surmised in March, 1989. A similar Technical Specification amendment was prepared in Reference (a) and was subsequently withdrawn in Reference (b). The proposed amendment was withdrawn with the concurrence of NRR since further deterioration of the crack was not evident based on weekly surveillance performed since March 13, 1989.

The proposed changes are listed in Attachment 1 and further described in Attachments 2 and 3. Figures 1 and 2 provide pictorial representation of the system configuration and the electrical distribution system for your reference. *App 1*

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The proposed changes have been reviewed and approved by both On-Site and Off-Site review in accordance with Commonwealth Edison Company's procedures. These proposed amendments have been reviewed in accordance with 10 CFR 50.92(c) and determined that no significant hazards consideration exists. This evaluation is documented in Attachment 4.

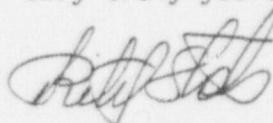
Commonwealth Edison believes that this proposed Technical Specification meets the criteria established in 10 CFR 50.91(a)(5) and requests emergency approval of this proposed amendment. The basis for this determination is documented in Attachment 5.

A similar Technical Specification change was proposed and approved by the NRC in December, 1981 (Reference (c)). The Safety Evaluation for the amendments is contained in Attachment 6 for your reference.

Commonwealth Edison is notifying the State of Illinois of our application for this amendment by transmitting a copy of this letter and its attachments to the designated State Official.

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

Very truly yours,



R. Stols
Nuclear Licensing Administrator

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- Attachments 1: Proposed Changes to Appendix A Technical Specifications for Quad Cities 1 and 2
2: Summary of Changes
3: Description and Bases for Amendment Request
4: Evaluation of No Significant Hazards
5: Justification for Emergency Approval of Proposed Technical Specification Amendment
6: Safety Evaluation dated December 18, 1981
Figure 1: Crosstie of RHR Service Water System
Figure 2: Quad Cities RHR Service Water Pumps Electrical Distribution System

cc: Regional Administrator - Region III
Office of Nuclear Facility Safety - IDNS
D. Muller - NRR
B.L. Siegel - Project Manager, NRR
Region III Inspector - Quad Cities