



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

July 18, 1983

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

Subject: Dresden Station Unit 3  
 Proposed Amendments to Appendix A  
 of the Technical Specifications to  
 Operating License DPR-25 Regarding  
 Use of ASEA-Atom CRD Blades  
NRC Docket No. 50-249

Dear Mr. Denton:

Pursuant to 10 CFR 50.59, Commonwealth Edison proposes to amend Appendix A of the Technical Specifications to Operating License DPR-25 to allow use of eight ASEA-Atom (A-A) control rod blades planned for testing by use in Dresden Unit 3, during Cycle 9 (D3C9). These blades are being tested as part of a demonstration program sponsored by Electric Power Research Institute aimed at qualifying a new blade design which would provide for greater control blade life. The target exposure for these improved blades is at least 50% higher than the current blade designs. This corresponds to three consecutive 18-month cycles of blade insertion in Dresden Unit 3 control cell locations. To date, operating experience with some 1160 blades in A-A's BWRs show no blade failures.

The proposed change in Attachment 1 has received On-Site and Off-Site review and approval and is discussed in Attachment 2. A report detailing the design of these blades is contained in Attachment 4. As this report is proprietary the requisite affidavit per 2.790 of 10 CFR is also enclosed. We have reviewed this amendment request and find that no significant hazard consideration exists. Our review is documented in Attachment 3.

Pursuant to 10 CFR 170, Commonwealth Edison has determined that this proposed amendment is Class III. As such, a fee remittance in the amount of \$4,000 has been enclosed.

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.

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H. R. Denton

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Please address 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. Due to the proprietary nature of Attachment 4 only six (6) copies are being submitted.

Very truly yours,



B. Rybak

Nuclear Licensing Administrator

lm

cc: R. Gilbert (NRR)  
Region III Inspector - Dresden  
G. N. Wright (Illinois)

Attachment (1): Proposed Change to DPR-25  
(2): Discussion of Proposed Changes  
(3): Significant Hazards Consideration  
(4): ASEA-Atom Report TR-BR-82-98,  
Revision 1 with affidavit.

SUBSCRIBED AND SWORN to  
before me this 19th day  
of July, 1983.

  

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Notary Public

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