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 AUTH. NAME      AUTHOR AFFILIATION  
 EENIGENBURG, E.      Commonwealth Edison Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 DAVIS, A.B.      Region 3 (Post 820201)

SUBJECT: Lists results of secondary containment leak rate test performed on reactor bldg. Test demonstrated that Unit 3 matl interlock outer door has adequate sealing to maintain secondary containment integrity.

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*(Handwritten notes and signatures)*  
 CAC  
 ABA  
 P. [Signature]  
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November 12, 1991

EDE LTR: #91-700

Mr. A. Bert Davis  
 Regional Administrator  
 Directorate of Regulatory Operations  
 Region III  
 U.S. Nuclear Regulatory Commission  
 799 Roosevelt Road  
 Glen Ellyn, Illinois 60137

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**Subject:** Secondary Containment Leak Rate Testing  
 Dresden Nuclear Power Station  
 Commonwealth Edison Company  
 Docket Nos. 50-237 and 50-249

Dear Mr. Davis

As part of the Dresden Unit 3 pre-outage work a Secondary Containment Leak Rate Test (SCLRT) was performed on the Unit 2/3 Reactor Building. The SCLRT was performed in accordance with Dresden Unit 3 Technical Specification 4.7.C.1.a., which requires that prior to refueling, Secondary Containment integrity must be demonstrated by maintaining  $\geq$  0.25 inches of water vacuum in the Reactor Building with one train of the Standby Gas Treatment system operating at a flow of  $\leq$  4000 cubic feet per minute (CFM) under calm wind conditions ( $\leq$  5 miles per hour). On September 07, 1991, the SCLRT was performed in accordance with Dresden Technical Staff Surveillance (DTS) Procedure 1600-22. The results of the test are listed below.

U2 RX BLDG TRACKWAY INNER DOOR POSITION	U2 RX BLDG TRACKWAY OUTER DOOR POSITION	U3 RX BLDG MAT'L INTER- LOCK INNER DOOR POSITION	U3 RX BLDG MAT'L INTER- LOCK OUTER DOOR POSITION	SCLRT RESULT, INCHES OF WATER dp
CLOSED	CLOSED	CLOSED	CLOSED	-0.273
CLOSED	CLOSED	OPEN	CLOSED	-0.191
OPEN	CLOSED	CLOSED	CLOSED	-0.268

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As shown in the above table, the result with all interlock doors closed was 0.273 inches of water negative pressure in secondary containment with respect to atmosphere, which satisfied the Technical Specification 4.7.C.1.a. requirement. This SCLRT also demonstrated that the Unit 2 Reactor Building trackway interlock outer door has adequate sealing to maintain secondary containment integrity. Additionally, this test demonstrated that the Unit 3 material interlock outer door does not have adequate sealing to maintain secondary containment integrity. Dresden Administrative Procedure (DAP) 13-14, Unit 3 Reactor Building Material Interlock Access Control, is a posted procedure and provides adequate control of this interlock.

This report is being submitted in accordance with Section 6.6.C.3.h. of the Unit 2 and Unit 3 Technical Specifications. Please direct any requests for further information regarding this topic to M. Blakemore, Technical Staff Systems Engineer, at extension 2421.

Sincerely

*L. F. Gerner for*

E. D. Eenigenburg  
Station Manager  
Dresden Nuclear Power Station

cc: M. Strait  
S. Lawson  
G. Smith  
J. Kotowski  
L. Gerner  
M. Blakemore  
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