



Commonwealth Edison

Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

October 3, 1990

origin

PRIORITY ROUTE	
FROM	TO

FILE #112

EDE LTR #90-670

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

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 2 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 2 Technical Specification 4.7.C.1.a, which requires that prior to refueling, secondary containment integrity must be demonstrated by maintaining ≥ 0.25 inches of water vacuum in the Reactor Building with one train of the Standby Gas Treatment system operating at a flow of ≤ 4000 cubic feet per minute (CFM) under calm wind conditions (≤ 5 miles per hour). On September 16, 1990, 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.	U2 RX BLDG.	U3 RX BLDG.	U3 RX BLDG.	SCLRT
TRACKWAY INN.	TRACKWAY OUT.	MAT'L INTER-LOCK INNER	MAT'L INTER-LOCK OUTER	RESULT,
<u>DOOR POSITION</u>	<u>DOOR POSITION</u>	<u>DOOR POSITION</u>	<u>DOOR POSITION</u>	<u>INCHES OF WATER dP</u>
CLOSED	CLOSED	CLOSED	CLOSED	0.3125
CLOSED	CLOSED	OPEN	CLOSED	0.2125
OPEN	CLOSED	CLOSED	CLOSED	0.3125
OPEN	CLOSED	OPEN	CLOSED	0.2125

Change Region 3 Argument
A017
10
MAY
DEC 13 1990

ZEDE/398/1

As shown in the above table, the result with all interlock doors closed was 0.3125 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 Reactor Building material interlock outer door has inadequate 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 S. Briley, Technical Staff Systems Engineer, at extension 2526.

Sincerely,



E. D. Eenigenburg
Station Manager
Dresden Nuclear Power Station

EDE/SB/caj

cc: M. Strait
R. Speroff
G. Smith
J. Kotowski
L. Gerner
S. Briley
File/NRC
File/Numerical