



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

July 25, 1988

EDE LTR: #88-558

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

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FILE 445

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

Dear Mr. Davis:

On May 16, 1988, a Secondary Containment Leak Rate Test (SCLRT) was performed on the Unit 2/3 Reactor Building. Although the SCLRT was satisfactorily performed on March 24, 1988 prior to the Unit 3 refuel outage in accordance with Technical Specification (T.S.) 4.7.C.1.c, this test was performed following discovery that four Main Steam Line (MSL) boot seals in the Unit 3 main steam tunnel had been removed by contractor personnel performing asbestos-containing insulation removal work in the area.

At the time of discovery Unit 3 was shut down for a refuel outage with no fuel moves in progress, and Unit 2 was being shut down for a scheduled maintenance outage. An Unusual Event was declared, and the plant was brought into conditions which did not require secondary containment integrity by bringing Unit 2 into cold shutdown conditions.

As the main steam line boot seals are part of the secondary containment boundary, an SCLRT was performed in order to determine the as-found condition of the secondary containment. The results of this test were approximately 0.01 inches of water, which was unsatisfactory as T.S. 4.7.C.1.c requires demonstration of standby gas treatment capability to maintain 0.25 inches of water Reactor Building to atmosphere differential pressure under calm wind conditions.

Interviews with the contractor personnel revealed that plastic sheeting had been installed upon removal of the boot seals. Subsequently, during removal of the plastic sheeting involved with the asbestos controlled area environment, the sheeting placed over the boot seal area was removed. It was then decided to duplicate the sheeting setup in order to ascertain the level of secondary containment integrity which had existed during the time period since removal of the boot seals. On May 17, 1988, the SCLRT was thus re-performed with temporary plastic sheeting installed; a result of 0.23 inches of water differential pressure was obtained. The plastic sheeting was then reworked with assistance from the contractor personnel to more closely model what had existed during the asbestos removal project; the SCLRT was then re-performed on May 18, 1988 with a result of 0.25 inches of water differential pressure.

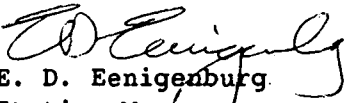
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In order to proceed with installation of the boot seals, the main steam tunnel was then isolated from the Reactor Building by installing seals in all boundary openings to the Turbine Building (HVAC duct and floor drains). An SCLRT performed on May 19, 1988 verified satisfactory integrity in this condition with a result of 0.26 inches of water differential pressure. Upon completion of the main steam line boot seal installation, an SCLRT was again performed on June 19, 1988 with a result of 0.312 inches of water differential pressure. This report is submitted to your attention in accordance with T.S. Table 6.6.1. This event was also reported by Licensee Event Report No. 88-11 on Docket No. 050237.

Sincerely,



E. D. Eenigenburg
Station Manager
Dresden Nuclear Power Station

EDE:RW:rg

cc: J. Kotowski
J. Brunner
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File/T.S. File (1600)
File/NRC
File/Numerical