



Commonwealth Edison
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REGULATORY DOCKET FILE COPY

June 29, 1978

Mr. George E. Lear, Chief
 Operating Reactors - Branch 3
 Division of Operating Reactors
 U.S. Nuclear Regulatory Commission
 Washington, DC 20555

Subject: Dresden Station Units 2 and 3
 Quad-Cities Station Units 1 and 2
 Zion Station Units 1 and 2
 Electrical Cable Penetration Fire
 Barrier Test
 NRC Docket Nos. 50-237/249, 50-254/265
 and 50-295/304

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References (a): W. F. Naughton letter to E. G. Case dated April 14, 1978

(b): G. Lear letter to C. Reed dated May 26, 1978

Dear Mr. Lear:

Reference (a) transmitted our "Proposed Tests of Cable Penetration Fire Stops Used in Commonwealth Edison Company Dresden, Quad-Cities and Zion Stations." Reference (b) transmitted NRC Staff comments and recommendations to our program. The Dresden and Zion Station Fire Protection Safety Evaluation Reports (SERs) dated March 1978 state that test results of the cable penetration fire barrier tests should be submitted by July 1, 1978.

On June 19, 1978, a floor section was exposed for three hours to a test fire which had characteristics defined by the ASTM E119-76 "Standard Methods of Fire Tests of Building Construction and Materials." The floor section which was submitted to this test contained various cable penetrations which were fire-stopped with fire barriers typical to those found in Dresden, Quad-Cities, and Zion stations. These typical fire barriers were described in Reference (a).

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Mr. George E. Lear

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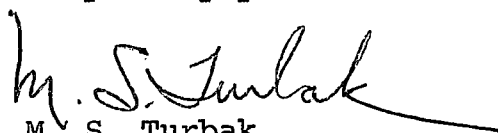
June 29, 1978

During the three-hour test, there was no evidence observed of flaming or fire on any element on the unexposed side of the floor. This was true during the test and also during the cooldown period following the termination of the test. Based on our visual observations, the fire barriers passed the test successfully.

A test report is being prepared by a third-party observer. This report and the Commonwealth Edison analysis of the fire barrier tests will be submitted by October 1, 1978.

One (1) signed original and seventy-nine (79) copies of this letter are provided for your use.

Very truly yours,



M. S. Turbak
Nuclear Licensing Administrator
Boiling Water Reactors