



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

January 4, 1979

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

Subject: Additional Fire Protection Responses  
for Dresden Station Units 2 and 3  
NRC Docket Nos. 50-237 and 50-249

Dear Mr. Denton:

Per Section 3.0 of the Dresden Station Units 2 and 3 Fire Protection Safety Evaluation Report (SER), Commonwealth Edison Company is required to provide the NRC Staff with additional information in the form of design details on nine asterisked items so that the NRC Staff can assess the design acceptability of the proposed modifications prior to their actual implementation.

Attached are the design drawings for the sprinkler system in the Dresden Unit 3 cable tunnel (Item 3.1.5(3)). This is a 6 zone pre-action system. Ionization smoke detectors will be used for alarm and actuation of the system. These are preliminary drawings. The detailed design drawings and hydraulic calculations will be provided as available. The system has been designed for under 1000 GPM per zone with the assumption that only 2 zones will actuate at one time.

Item 3.1.5(4) addressed the Unit 2 and 3 trackway. As a result of additional discussions with the NRC Staff, Commonwealth Edison will now install extended throw heads with extra hazards piping.

This submittal completes all design information requested by the Dresden Station Units 2 and 3 Fire Protection Safety Evaluation Report. Significant information on test methods for performing in-place tests to demonstrate the adequacy of smoke detection systems (Item 3.1.2) is still not available.

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Mr. Harold R. Denton:

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Please address any additional questions that you might have to this office.

Per an agreement with the NRC Staff, one (1) signed original and two (2) copies of this letter are provided for your use.

Very truly yours,

*William F. Naughton*

William F. Naughton  
Nuclear Licensing Administrator  
Pressurized Water Reactors

attachments