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Docket Nos.: 50-373/374

Mr. Louis O. DelGeorge
 Director of Nuclear Licensing
 Commonwealth Edison Company
 P. O. Box 767
 Chicago, Illinois 60690

Dear Mr. DelGeorge:

Subject: Review of Test Plans for Testing Separation between Class IE
 and Non-Class IE Cables

We have evaluated your proposed test plan submitted by letter on June 7, 1982 and subsequently revised by letter dated September 23, 1982. This test plan is to fulfill your commitment that a test be performed, of the most limiting separation configuration in your plant, to demonstrate that faults induced in non-safety-related cables will not cause the failure of adjacent safety-related cables.

We find the test plan acceptable except for the following. We recommend that the test procedure and mode of testing should be patterned after similar procedures and tests performed by industry. Data utilized in the test plan for determining acceptability of test results should be adequately substantiated. Specifically, your time duration for fault application should be sufficiently conservative and should be consistent with industry practice so that one can conclude that a fire, if it has not already initiated during the testing time duration, will not subsequently be initiated. In addition, your proposed basis for acceptability has not been adequately defined. It is common industry practice to use temperature detectors located in adjacent Class IE raceway so that some positive basis, other than visual inspection, can be used to add assurance that Class IE cables have not or will not fail when adjacent non-Class IE cables are subjected to failure.

If you desire any clarification, please contact A. Bournia at (301) 492-8196.

Sincerely,

Original signed by:

A. Schwencer, Chief
 Licensing Branch No. 2
 Division of Licensing

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DATE	10/18/82	10/18/82					

La Salle

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