



Commonwealth Edison

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

May 3, 1982



Mr. A. Schwencer, Chief
Licensing Branch #2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: LaSalle County Station Units 1 & 2
Fire Protection Program
Fire Stops for Non-Segregated
Phase Bus Duct Penetrations
NRC Docket Nos. 50-373 and 50-374

References (a): C. E. Sargent's letter to A. Schwencer
dated December 18, 1981.

(b): C. W. Schroeder's letter to A. Schwencer
dated February 25, 1982.

Dear Mr. Schwencer:

The purpose of this letter is to provide you with the
results of the test which was scheduled per References (a) and (b).

On April 14, 1982, Tech-Sil successfully performed the fire
test on a non-segregated phase bus duct penetration fire seal at
Portland Cement Associated in Skokie, Illinois. Representatives of
S&L and CECO witnessed the test. Tech-Sil submitted a preliminary
fire test report to us on April 16, 1982.

Tech Sil conducted the fire test according to the ASTM
E-119 time and temperature curve for three hours. During the 3-hour
test, fire did not penetrate through the penetration seal, and fire
did not occur on the unexposed surface of the penetration. Immedi-
ately following the fire test, Tech-Sil performed two hose-stream
tests in accordance with ANSI and NFPA 634-1978 test requirements.
Water did not penetrate the seal during the hose-stream tests.

Since Tech Sil has successfully performed a fire test on a
bus duct fire seal and has submitted a report, we have fulfilled our
commitment to the NRC with regards to this item.

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A. Schwencer

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If there are any further questions in this matter, please contact this office.

One (1) signed original and thirty-nine (39) copies of this letter are enclosed for your use.

Very truly yours,

CW Schroeder 5/3/82

C. W. Schroeder
Nuclear Licensing Administrator

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cc: NRC Resident Inspector

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