

June 21, 1984

Docket No. 50-373
Docket No. 50-374

Commonwealth Edison Company
ATTN: Mr. Cordell Reed
Vice President
Post Office Box 767
Chicago, IL 60690

Gentlemen:

Thank you for your letter dated February 10, 1984, informing us of the steps you have taken to change the acceptance criteria for Firecode CT Gypsum Cement Fire Stops. We are forwarding your letter to NRR for review. We will inform you of the results of that review when it is completed.

Your cooperation with us is appreciated.

Sincerely,

"Original Signed by R. L. Spessard"

R. L. Spessard, Director
Division of Engineering

cc: D. L. Farrar, Director
of Nuclear Licensing
G. J. Diederich, Station
Superintendent
R. H. Holyoak, Project Manager

cc w/ltr dtd 02/10/84:
DMB/Document Control Desk (RIDS)
Resident Inspector, RIII
Phyllis Dunton, Attorney
General's Office, Environmental
Control Division
NRR CMEB

RIII
Julie/d
06/12/84

RIII
Ramsey
6/19/84

RIII
Maura

RIII
Williams
6/19/84

RIII
Walker
6-12-84

RIII
Little

RIII
Spessard
6/21

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PDR ADOCK 05000373
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Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

February 10, 1984

Mr. James G. Keppler
 Regional Administrator
 U.S. Nuclear Regulatory Commission
 Region III
 799 Roosevelt Road
 Glen Ellyn, IL 60137

PRINCIPAL STAFF	
RA	DPRP
D/RA	DE
S/RA	DRMSP
RC	DRMA
PAO	SCS
SGA	NL
ENF	File

Subject: LaSalle County Station Unit 2
 Acceptance Criteria for Firecode
 CT Gypsum Fire Stops
NRC Docket No. 50-374

- References (a): June 24, 1983 letter from D. L. Farrar to J. G. Keppler regarding Firecode CT Gypsum Cement Fire Stops.
- (b): August 5, 1983 letter from C. W. Schroeder to J. G. Keppler, same subject.
- (c): November 23, 1983 letter from C. W. Schroeder to H. R. Denton regarding Fire Protection Commitments.

Dear Mr. Keppler:

In Issue 11, Item 3 of Reference (c), CECO committed to review the acceptance for Firecode CT Gypsum Cement Fire Stops and either provide additional justification for the 3/8" separation criteria or submit a new acceptance criteria to the NRC for approval. We have decided to change the acceptance criteria because we have no further justification for the 3/8" criteria than that furnished in References (a) and (b). Also, we do not believe that additional testing will resolve this issue regarding the 3/8" criteria due to the variety and number of cracks and separations that could occur; it would be almost impossible to duplicate actual field conditions on the test stand. Another problem with testing cracked fire stops is that none of the fire standards such as NFPA, ASTM and NML address fire seals with irregular surfaces.

Therefore, we propose to revise the acceptance criteria for cracks and separations in gypsum cement fire stops from 3/8" wide to less than or equal to 1/32" wide by 1" deep. In other words, only hairline cracks will be accepted, by any crack or separation in the seal greater than 1/32" wide by 1" deep will be repaired. During the meeting with NRR

Handwritten signature: J. G. Keppler

FEB 13 1984

J. G. Keppler

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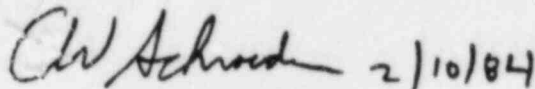
February 10, 1984

on November 16, 1983, it was indicated that a 1/32" separation criteria would be acceptable based on the fire test reports that we submitted to them. One of these reports, Transco Fire Test Report No. TR-109 dated April 7, 1983, noted the presence of a hairline crack in the fire seal before it was tested, and the test demonstrated that the crack did not degrade the fire stop. We expect to complete the revision to the surveillance procedures to incorporate the new criteria by March 1, 1984.

To the best of my knowledge and belief the statements contained herein are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by other Commonwealth Edison and contractor employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

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

Very truly yours,



C. W. Schroeder
Nuclear Licensing Administrator

lm

cc: NRC Resident Inspector - LSCS

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