

**SMUD**

SACRAMENTO MUNICIPAL UTILITY DISTRICT ☐ 6201 S Street, Box 15830, Sacramento, California 95813; (916) 452-3211

January 14, 1980

Director of Nuclear Reactor Regulation
Attention: Mr. Robert W. Reid, Chief
Operating Reactor, Branch 4
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Docket No. 50-312
Rancho Seco Nuclear Generating
Station, Unit No. 1

Dear Mr. Reid:

Paragraph 3.1.21(4) of the Fire Protection Safety Evaluation Report (SER) attached to License Amendment No. 19, dated February 28, 1978, describes the following modification for fire area 34, the grade level electrical penetration area:

"install a fire stop to prevent a cable tray fire from bridging the gap between redundant channels."

Paragraph 3.1 of the SER requested that design details be submitted to the NRC for the approval of the modification proposed in Paragraph 3.1.21(4). The design details are listed below:

Design Details for Implementing Paragraph 3.1.21(4)

To prevent the cable tray fire from bridging the gap between redundant channels, the District will install cable tray fire stops.

The fire stops will divide the room and prevent loss of redundant cables for a design basis fire. The fire stops will be constructed as indicated on Sketch 1. The materials used in the construction of the fire stops are the same materials used in the District's three hour wall penetration fire stop. The three hour fire stop was qualified in the District's Fire Stop Test Report, Test Section III, which was submitted to the NRC on March 1, 1978.

Table 3.1 of the SER requires that the fire stops be installed the end of the 1979 - 1980 refueling outage. The completion of the 1979 - 1980 outage is scheduled for the first week of March. To complete the modification when required, the District is requesting NRC comments and/or

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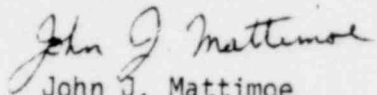
Mr. Robert W. Reid

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approval on the design criteria by February 15, 1980.

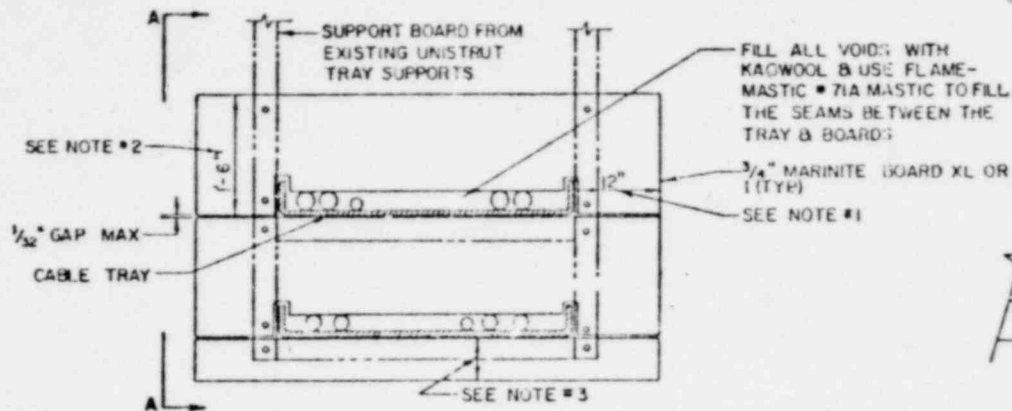
Sincerely,

A handwritten signature in cursive script, reading "John J. Mattimoe".

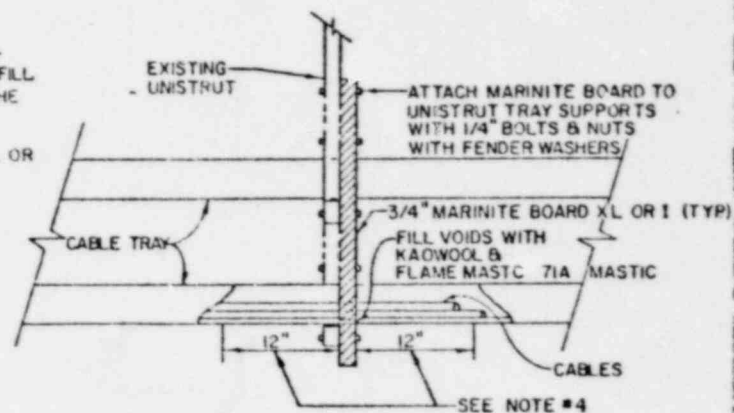
John J. Mattimoe
Assistant General Manager
and Chief Engineer

1785 196

POOR ORIGINAL



END VIEW



SECTION "A-A"

NOTES:

1. TO WALL OR TO ADJOINING BOARD
2. OR AS FIELD CONDITIONS DICTATE
3. 6" OR AS FIELD CONDITIONS DICTATE
4. FLAMEMASTIC #71A IS TO BE SPRAYED ON ALL SURFACES INCLUDING CABLES, MARINITE BOARD & TRAYS WITHIN 12" FROM THE BOARDS. APPLICATION TO YIELD A FINISH DRY COAT APPROX 1/8" THICK.

DETAIL
FIRE BREAK (TYP)



SKETCH NO. 1

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