

July 31, 1992

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MEMORANDUM FOR: George Mulley, Chairman
TSI Investigation Task Force

FROM: Conrad E. McCracken, Chief
Plant Systems Branch

SUBJECT: SMALL SCALE THERMO-LAG FIRE TESTS BEING CONDUCTED AT
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

This memo is to inform you of small scale Thermo-Lag fire endurance tests being conducted at National Institute of Standards and Technology (NIST) in the Fire Research Center, Building 205. The following tests will be conducted:

- 3-hour fire endurance test - Wednesday, August 5, 1992 at 10:00 am. The test assembly will have stress skin trimmed around edges to avoid restraint during fire exposure.
- 1-hour fire endurance test - Thursday, August 6, 1992 at 10:00 am. Test assembly to have stress skin positioned towards the fire exposure.
- 3-hour fire endurance test - Friday, August 7, 1992 at 10:00 am. Test assembly to use two Thermo-Lag panels dry fitted face-to-face, stress skin trimmed around edges and positioned towards the fire exposure.

In addition, test samples are being prepared by NIST to be shipped to U.S. Testing, Inc. facilities for E 136-82 combustibility testing during the week of August 3, 1992.

If you have any questions or comments please contact Patrick Madden at 504-2854 or Ralph Architzel at 504-2804.

Original signed by

Conrad E. McCracken, Chief
Plant Systems Branch
Division of Systems Technology

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* See previous concurrence

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