PLAINTIFF'S EXHIBIT

FD-1062

CENTRAL LABORATORY SERVICES

GENERAL SERVICES

LABORATORY INVESTIGATION REPORT

NUMBER 101106

March 11, 1981

TO: R. A. Zarzycki

SUBJECT: Insulation Material
(Sample # D-32-2-81)

OBJECT: Determine content with specific emphasis on asbestos for information.

CONCLUSION: The material contained asbestos and calcium carbonate ($CaCO_3$) along with smaller amounts of other metallics as indicated below.

TEST DATA:

Infrared Analysis:

Infrared spectrograms of the insulating material appeared to be [illegible] asbestos and possibly some carbonate.

Microscopic Examination (Polarizing Microscope):

Microscopic examination of the insulating material did not support the infrared findings. Under the microscope the material appeared more similar to a talc compound than asbestos.

Emission Spectrographic Analysis:

Magnesium as $Mg_3Si_2O_5(OH)_4$, %	63.5
Iron as Fe_2O_3, %	5.3
Aluminum as Al_2O_3, %	1.5
Calcium as $CaCO_3$, %	20.0
Sodium as Na_2O, %	1.5
Potassium as K_2O, %	2.5
Ignition Loss at 1000°F, %	5.2

X-Ray Diffraction Analysis:

X-Ray diffraction patterns indicated the principle phase to be china chrysotile (asbestos) $Mg_3Si_2O_5(OH)_4$ plus calcium carbonate ($CaCO_3$).

By: [signature]
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