PLAINTIFF'S EXHIBIT 04870-00

UNIVERSITY OF CALIFORNIA STUDY OF APPROXIMATELY 600 INSULATORS IN THE SAN FRANCISCO AREA

- Summary of Findings -

I. ASBESTOSIS

Dates Entered Trade	# In Group	% Of Group With Changes Consistent With Asbestosis
Prior to 1920	10	100%
1920 to 1940	92	50%
1940 to 1945	117	33%
1946 to 1951	61	26%
1951 to 1955	69	9%

II. LUNG CANCER

Mortality from lung cancer among workers exposed to asbestos dust is eight times greater than in the general population.

III. ENVIRONMENTAL EXPOSURE TO ASBESTOS

The time weighted exposure to asbestos rarely exceeded the Threshold Limit Value of 5 million particles per cubic foot or the British Upper Limit for safety value of 10 fibers per cubic centimeter.

Attachment #1

PLAINTIFF'S EXHIBIT WV-009785

Substitution of a less hazardous material for the asbestos in Unibestos would be most effective in controlling hazard both in production and during installation and tear out. If the new material would not significantly reduce the usefulness of the product, you would have a real sales advantage over other asbestos containing products.

If substitution is not possible, the in-plant exposure can be adequately controlled by engineering and medical controls (see Attachment #2). Environmental hazards are much more difficult to control during most installation and tear out. The NIMA pamphlet (see Attachment #3) suggests techniques which should be used when handling pipe insulation containing asbestos. Unfortunately, recent evaluation of filter type dust respirators indicate they are not effective against asbestos. The insulation contractors at their regional association meetings for the past two years have been educated by NIMA on health problems and their control associated with asbestos insulation. Recently, like the chemical industry,has done for many of its toxic products, the insulation industry has by a label pointed out the hazardous nature of the product and the necessity of preventing dust exposure to the workers. Labeling has been effective in minimizing problems associated with product liability.