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PLAINTIFF'S EXHIBIT

DOW-1017

TEXAS DIVISION
FREEPORT, TEXAS 77541

August 15,1978

REPORT OF CALL

Place: Johns-Manville World Headquarters, Denver, Colorado

Date: August 10, 1978

Call Made By: Neal Beaver, Chlor-Alkali Research

Subject: Asbestos Health Hazards

Purpose: Discuss hazards of asbestos, exposure limits, and safe work practices with Ed Finter who is Director of Environmental Affairs for J-M.

Summary: Dr. Paul Kotin who is a J-M vice president feels that the present standard of 2 fibers/cc is adequate for all types of asbestos. Mr. Finter said that when comparing asbestos types at concentrations >10 fibers/cc, blue (crocidolyte) asbestos was "more active" than white (chrysotile) and therefore probably more hazardou He also indicated that J-M's experience with mesothelioma was more prevalent in areas where they utilized both blue and white asbestos as compared to areas where white asbestos alone was used. J-M is the single largest consumer of blue asbestos in North America, utilizing it in the manufacture of cement pipe. Due to the stand taken by Dr. Kotin, J-M is relaxed about the continued use of blue asbestos as well as white asbestos provided that two criteria are followed. Those are the present standard of 2 fibers/cc and a ban on smoking for asbestos workers.

Mr. Finter said that Dr. Irving J. Selikoff of the Environmental Sciences Laboratory, Mt. Sinai School of Medicine, New York City, began showing a relationship between cigarette smoking, asbestos exposure, and lung cancer in 1968. According to Mr. Finter, Dr. Selikoff has expanded his study to include over 13,000 subjects and statistically has proven that asbestos exposure linked with cigarette smoking increases a person's risk of dying from lung cancer by 92 times. Mr. Finter said that Dr. Kotin convinced J-M management that to properly protect their employees, they should prohibit smoking among all their asbestos workers. J-M has begun this program and will, by January 1, 1979, have 8000 employees involved. J-M has also restricted all new hires for asbestos areas to non smokers.

The company has established an elaborate program that includes educating employees on the hazards of smoking as well as company assistance on paying for stop smoking treatments at reputable

clinics. Dr. Kotin feels that non smoking asbestos workers exposed to <2 fibers/cc will have no greater incidence of lung cancer than a non smoker who has zero exposure to asbestos.

I have attached to this report a paper that was recently presented to the American Lung Association by Mr. Walter Cooper, Manager of Environmental Communications for Johns-Manville. The paper describes J-M's non smoking program in detail.

Neal Beaver
Neal Beaver
Chlor-Alkali Research

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attach.

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