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PLAINTIFF'S EXHIBIT

Mr. Oliver

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NORTH CHARLESTON, S. C. 29405

November 10, 1972

Mr. William S. Simpson, President
Raybestos-Manhattan, Inc.
205 Middle Street
Bridgeport, Connecticut 06603

Dear Mr. Simpson:

This is a review of the meeting in Lyon, France, the subject of which was the Biological Effects of Asbestos. The real purpose and importance of this meeting seems to indicate to me that there is a distinct trend in the thought of people internationally associated with the biological effects of asbestos in its relationship to disease, mainly asbestosis, and to a greater extent its significant effect on the individual in relationship to cancer.

The translation of this knowledge into future efforts by Raybestos-Manhattan Corporation and its medical personnel in relationship to the scientists, the public, and to the government remains to be evaluated. I think it would be appropriate to discuss the future trends and the course of action that was being taken by all parties concerned in this discussion.

At the present time, there is no doubt - no question - that the biological effects of asbestos leads to asbestosis and to carcinoma of the lung; both bronchogenic carcinoma and mesothelioma. As far as the different aspects of the effect of different types of asbestos are concerned, all types of asbestos are incriminated. There were papers presented which show that mesothelioma is caused by crocidolite, amosite, and chrysotile. These particular cancers of the lung are of extreme importance and lately have been given national and international publicity.

Consideration is being given to the investigations that we are pursuing relative to the possibility that other types of tumors of the body may have a relationship to asbestos exposure. This at the present time is not firm, but there was shown at this particular meeting that there is a trend toward this direction relative to gastro-intestinal tumors and possibly other types of rare tumors, such as the pancreas, [illegible] pharynx, parts of the colon, and other parts of the intestinal tract. This point of view which [illegible] been previously recognized. The broad [illegible] and medical implications of this particular type of environmental [illegible] are of extreme importance because we now see the implications of [illegible] additional publicity affecting all organs of the body, although it is true [illegible] the respiratory system is a major primary organ of the body which is affected. The company's concern, the public's concern, and the [illegible] concern, as discovered and reported in literature and in news, [illegible] observed by the public in general industry and management [illegible] did immediately recognize the importance of such releases in the press.

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I don't think personally that the public relations approach is now the answer to the specific problem of our industry. I think that it is going to be better to spend more money on environmental controls of the dusts, with strong emphasis on housekeeping, of the fumes, and of the gases of which industry has encountered. I feel that no matter what the circumstances are the problems relative to the biological effects cannot be neutralized or washed away by any types of releases or types of public programs.

Industry must recognize that governmental introduction into the field or into the workplace and the recognition of the hazards has been established. At this particular meeting there were several members of the labor movement there, and also members of the international AFL/CIO which were associated with Dr. Selikoff. It is apparent to me that the next major effort will be in the education of the workers. I was told by Dr. Selikoff and his associates in the labor field that we would have to begin educating the worker in a more objective method and manner. The workers would have to be knowledgeable concerning the absolute exposure at which they were subjected; they would be able to look at these counts to see the dust that they were exposed to, the length of time they were exposed, and according to the requirements of the OSHA act this information must be provided to the workers.

There should be no allusion that the company must initiate immediately the development of an educational program principally organized by medically oriented people in a manner to properly inform management, foremen, and employees of the uses, biological effects of asbestos, and what is being done to control this asbestos exposure. I say this primarily because I have read recently ... other industries that they have had hysterical episodes among employees as to the instances of asbestosis in plants. This is created due to press releases, public hysteria, and public pressure. We will begin to see a situation or a demand from the union and pressure from the public to do something about the situation. Plans should be developed relating to immediate steps that should be taken as to the environmental controls and to medical programs. A complete medical program for the entire corporation is a must.

I think there is some real hope though to reestablish the very cause of these carcinomas because it begins to appear that there are some other causes associated with asbestos that precipitate these carcinomas and other changes that occur in the effects of the asbestos fiber. Perhaps, it is the fiber itself, perhaps, it is [illegible] that attaches itself to the asbestos fiber. A significant paper by Dr. J. C. McDonald stated that we were able to control the effects of asbestosis and carcinogenesis if we controlled the [illegible] fibers. The carcinogenicity of asbestos [illegible] primarily related to [illegible] properties. It was further suggested that [illegible] oxide produced tumors. A paper presented by Dr. M. F. Stanton, he stated that the use of [illegible] more comprehensive [illegible] stage. They concluded from this that the [illegible] the fiber is very important [illegible] genesis. A paper by Dr. J. C. Wagner and G. Berry talked about the consideration of the [illegible] and other factors that were related to the particular size of the [illegible]

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and its indispensability to our modern technological society. It should be stressed that if properly used and properly controlled, it is a perfectly safe product.

I want to thank you very much for the opportunity to come in contact with some of the world's greatest scientists and international experimenters. I had the opportunity of visiting next to the investigator from Moscow who invited me to Moscow to visit his laboratory. I also had the opportunity of having long conversations and discussions with Dr. Gilson, Dr. Wagner, Dr. Webster, Dr. Cetin, and many others with international importance and found myself readily acceptable at their level. Of course, there is a great deal more to be discussed about this subject, but I certainly don't think this is the place for it. There are volumes and volumes of information and letters that I have read and have with me, and perhaps, at an opportunity that presents itself we will be able to discuss it person to person.

I send my best personal regards to you.

Sincerely,

Joseph L. Goodman, M. D.

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