[Re-typed for clarity]

July 19, 1956

Mr. Elmer F. Wheeler
Assistant Director, Medical Department
Monsanto Chemical Company
St. Louis, Missouri

Dear Mr. Wheeler:

With respect to your letter of July 27, I greatly appreciated the telephone call from Mr. Benignus. However, I will greatly appreciate further information as follows: copies of toxicity data including physical and chemical properties of both transformer and capacitor Inerteen which would be your Aroclor 1260, 1254 and 1242.

Mr. Benignus indicated in his telephone call that you were evaluating Inerteen concentrations with the use of the Willson chlorinated hydrocarbon equipment. I will greatly appreciate detailed information concerning the temperature of the furnace and the amount and nature of platinum used in the furnace for making these determinations. A number of years ago the experiments with this furnace, which was one of the first models, were found it to be unsatisfactory. I am wondering what information you have to indicate the use of this furnace is adequately measuring the amount of Inerteen in the atmosphere as well as furnace temperature and flow rate of air through the furnace, amount and shape of platinum within the furnace.

Mr. Benignus stated that the maximum allowable concentration for either of these Aroclors should not exceed about 3 milligrams of Aroclor per guide meter of air. Does this apply to any of the 3 Aroclors indicated. Any additiional information that will be of value to me in association with Aroclor such as skin reaction data will be greatly appreciated.

C0000082

PLAINTIFF'S EXHIBIT 81

Would there be any detrimental reaction (illegible) if it would be used as a hydraulic fluid in (illegible).

Sincerely yours,

WESTINGHOUSE ELECTRIC CORP.

H.W. Speicher, Administrator
Industrial Hygiene

C0000083


WATER_PCB-00049663

July 19, 1954

Mr. Elmer P. Wheeler
Assistant Director, Medical Department
Monsanto Chemical Company
St. Louis 4, Missouri

Dear Mr. Wheeler:

With respect to your letter of July 17, I greatly appreciated the telephone call from Mr. Benignus. However, I will greatly appreciate further information as follows--copies of toxicity data including physical and chemical properties of both transformer and capacitor Inerteen which would be your Aroclor 1260, 1254 and 1242.

Mr. Benignus indicated in his telephone call that you were evaluating Inerteen concentrations with the use of the Willson chlorinated hydrocarbon equipment. I will greatly appreciate detailed information concerning the temperature of the furnace and the amount and nature of platinum used in the furnace for making these determinations. A number of years ago we experimented with this furnace, which was one of the first models, and found it to be rather unsatisfactory. I am wondering what information you have to indicate that the use of this furnace is adequately measuring the amount of Inerteen in the atmosphere as well as furnace temperature and flow rate of air through the furnace, amount and shape of platinum within the furnace etc.

Mr. Benignus stated that the maximum allowable concentration for either of these Aroclors should not exceed about 2 milligrams of Aroclor per cubic meter of air. Does this value apply to any of the 3 Aroclors mentioned? Any additional information that will be of value to us in connection with Aroclor such as skin reaction data etc. will be greatly appreciated.

Would there be any detrimental reaction between Pyrol and Magnesium if it would be used as a hydraulic fluid in making magnesium containing [illegible] castings?

Sincerely yours,

[illegible] CORPORATION

[illegible]

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100078 C000084

WATER_PCB-00049664