

APR 30 1962



Westinghouse Electric Corporation

April 25, 1962

East Pittsburgh, Pa.
Telephone EXpress 1-2800

Mr. Elmer P. Wheeler
Assistant Director, Medical Department
Monsanto Chemical Company
800 North Lindbergh Boulevard
St. Louis 66, Missouri

Dear Elmer:

112F
The question has again arisen with respect to the maximum temperature at which our capacitor inerteens and transformer inerteens can be heated before local exhaust ventilation should be provided. About 15 or more years ago, Ed Barnes and I felt that when capacitor inerteens were heated to more than 50°C that local exhaust ventilation should be provided. In your letter of October 23, 1959 you indicated that local exhaust ventilation should be provided for Aroclors when heated above 150°F. This question has recently arisen with respect to one of our repair shops in the Midwest. I notice in your Bulletin O-P-115 for Aroclors a temperature of 200-300°C may be reached before local exhaust ventilation needs to be provided. This appears on page 19. I doubt very much that this temperature is correct and it seems to be far in excess of what actual good industrial hygiene practice should indicate. I believe that some person's attention should be called to the fact that this value is higher than you would recommend to customers and that it should be corrected downward, because this information causes misunderstanding between manufacturing personnel and industrial hygiene engineers.

Normally, we have asked our people to prevent prolonged skin contact with the Aroclors and to use a good grade of neoprene coated gloves when necessary. Recently, the question with respect to a fairly desirable hand cream was raised. I would like to know your recommendation for one of the Fend creams supplied by Mine Safety Appliances Co., since we feel they market a very good line of creams and we have strongly recommended the Fend line of hand creams for a number of years. Since these liquid Aroclors are of an oily nature, it is my opinion that Fend I or Fend S would not be as desirable protection as Fend F. I will greatly appreciate your comments.

Any information that you can let me have and your personal comments will be very greatly appreciated by return mail.

Very truly yours,

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WESTINGHOUSE ELECTRIC CORPORATION

H. Wilbur Speicher
H. Wilbur Speicher, Administrator
Industrial Hygiene