Monsanto

FROM (NAME & LOCATION) D. C. Armstrong - WGK

DATE : November 30, 1970

SUBJECT : HEAT EXCHANGE FLUID
NORTH AREA AND 248

REFERENCE : HEATING SYSTEMS

cc: Messrs. A. E. Leisy
D. E. Harris
W. F. Arcynski
J. W. Boehm

TO : Mr. W. C. Engman

Department 248 - Plans are still in progress to change this fluid to a non-chlorinated bi-phenyl type. The target date is still 1/1/71.

Departments 270 and 275 - Samples are being obtained to further define where the area losses are coming from. The initial samples indicated losses higher than "inventory" would indicate. Assuming that the losses do exist and in the worst case cannot be stopped, we are examining the possibility of changing to a non-chlorinated bi-phenyl heat exchange fluid. According to the electrical classification map in the Standard Manual, both Departments 270 and 275 are ok for flammable heat exchange fluids. Don Roush, from the General Offices, is being contacted for advice for the substitute fluid. The target date for resolving this problem is 1/1/71.

Department 258 - This furnace has not been considered as a source of pollution since it is used only for DDS. We do not anticipate making this product again. If the current request to make this product results in a product run, significant amounts of money may be required to upgrade the electrical wiring to allow us to use another heat exchange fluid. As an alternative, we could spend some money tightening up the therminol unit and trying to run it without losses.

Dolla

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