Monsanto

FROM (NAME & LOCATION): E.R. JONES

DATE : 13th April, 1977

cc: HFV/GLG/OEC
File

SUBJECT : Letter A. Arpino to C.R. Young dated 15.3.77 on PCBs

REFERENCE : ENG/ERJ/BH

TO : G. BEGEMAN

As far as Engineering Dept. is concerned the Askarel filled transformer is useful because:-

a) It can be obtained as an hermetically sealed unit and located in congested works areas or near hazardoud plants with safety.

b) Its price lies roughly midway between an oil filled and a dry type transformer.

Using Askarel filled transformers does not affect insurance premiums.

Some British manufacturers, including GEC, have indicated already that they are ceasing production of such transformers. Most of them are looking at the alternative of silicone fluid filled type which they say will cost approx. the same as Askarel filled ones, size for size.

Continental manufacturers contradict this assessment of approx. equal cost using silicone fluid. They say it costs nearly three times as much as Askarel. With the approval of the EEC they will continue to supply such transformers and capacitors.

If the alternative of the silicone fluid filled transformer appears as a suitably priced alternative, I recommend we resort to this alternative.

If not, we should be free to use the Askarel filled transformers unless we consider that disposal of the fluid at the end of the transformers life will be a major problem. At present Newport dispose of their 'unwanted' by firing at 1200°C.

E.R. JONES

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