St. Louis - General Office

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[redacted]
W. R. Richard - WRICH

REDEFINITION OF TRANSFORMER ASKAREL

R. H. Munch - SECOND STREET

Attached is the redefinition and scope of transformer askarel that will be voted on at ASTM next October.

Ed Raab of General Electric, Dr. T. K. Sloat of Westinghouse, and I put together this wording at the June meeting of our ASTM committee. It is intended to cover the industry regards use of Aroclor 1242 and Aroclor 1242-rich blends, and to cover the situation of possible combustible arc-formed gases from transformers filled with the "older" blends.

Now it will be up to Westinghouse and General Electric to make their final judgements regards Aroclor 1242.

Westinghouse at Sharon and General Electric at Pittsfield and Rome, Georgia, continue prototype testing to this end.

However, last Monday Jim Kinney of General Electric, Rome indicated that he seeks to explore with us a blend offering higher chlorine ratio than their 80-20 blend that would be to the over all greatest economic benefit to Monsanto.

In anticipation, it appears that we should now select such a blend and test it out regards flammability and viscosity and pour point. If we are not prepared on this and decision is made to switch out of Aroclor 1242, probably the 70 percent Aroclor 1254, 30 percent TCB blend would be adopted -- surely by Westinghouse and hopefully by General Electric, although they may go back to Pyranol A13B3B unless we offer a different blend.

While we hope the change from Aroclor 1242 need not be made, if the final judgements are against it the demand for change will be precipitous and we need anticipate and be ready to offer a blend to our best interest. Therefore, please probe this and indicate what blend you feel will best serve our interest. I think we have at hand good ideas about this but have not yet run the tests.

Thank you.

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P. G. Benignus

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