

St. Louis - General Office

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H. S. Bergen - HEERG
N. T. Johnson

**TRANSFORMER ASKAREL PROMOTIONAL
ADS**

Gary Clark - GCLAR

Following recent discussions with General Electric (who approved our initial series of ads), the consensus now is that in future ads we should merely state that askarel transformers are fire-resistant.

This is to say that we will not state that the arc-formed gases from askarel are noncombustible, and we will not state that no harmful amount of phosgene is formed. Since indeed the arc-formed gases of askarel fluid are noncombustible, and since indeed on rechecking for phosgene, General Electric found no phosgene, there is good reason to ask why we do not emphasize these apparently favorable factors rather than omit them--as we intend to do.

What lies behind this is that in recent times, particularly, the utilities are placing a great deal of emphasis on the analysis of gases formed in transformers during operation, and especially coincidental with any fault. This is aimed primarily at mineral oil transformers, and VPC apparatus is now recommended for monitoring transformers in operation.

In light of this, General Electric are apprehensive, and we agree, that if we emphasize the nature of gases related to askarel transformers, we are unnecessarily inviting a host of inquiries that would then lead to utilities and other users seeking to make routine gas analysis on askarel transformers also. For example, although the arc-formed gas from askarel fluid is almost entirely HCl, which is noncombustible, the more practical consideration is that in a transformer system a lot of paper and cellulosic material is present. This then, is indeed a source of hydrogen and organic gases--which are combustible. This is to say that on arcing, the paper in askarel transformer acts just about the same as the paper in a mineral oil transformer, and we do not wish to bring attention to this, or to raise questions about this through our stating that the arc-formed gas from askarel fluid is noncombustible.

It will serve our promotional purpose fully adequately, and be much cleaner and simpler, to merely state in future ads that askarel transformers are fire-resistant. This is not to imply there is any harm or criticism of our previous statements, it is merely implied that if we had continued to emphasize these things, we would open ourselves to unnecessary confusion and questions,

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particularly in light of the present-day emphasis on gas analysis in operating transformers, which we seek to avoid in the case of askarel units.

This is the newer view by General Electric, and we agree.

P. G. Benignus

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