St. Louis - General Offices

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G. R. Buchanan
QUEENY - Dr. Ralph Munch

Improvement of the Impulse
of Transformer Askarel

Dr. Wm. Richard
QUEENY

I would predict that the addition of either alkyl benzene (specifically Monsanto's Alkylate #225) or tertiary butyl naphthalene to transformer askarel will result in improvement of the impulse breakdown voltage of the askarel and/or impregnated press board to give values comparable with those obtained with transformer mineral oil.

I would estimate that incorporation of about 25 percent of the additives to transformer askarel would give this desired result at 25°C.

P. G. Benignus

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