Monsanto

FROM (NAME & LOCATION) R. M. McCutchan - WGK

file Corrosion Quality

DATE : November 15, 1971

SUBJECT : New Electrical Properties Measurement

REFERENCE :

TO : A. E. Leisy

cc: P. B. Benignus - GO
V. Brawley
T. N. Carrico
J. Gloeckner
J. R. Kuster
R. H. Munch - So. 2nd St.
W. R. Richard - GO
J. R. Savage - GO

Effective today (11/15/71), all power factors and resistivities reported to customers on all Aroclors and blends of Aroclor will be analyzed by the new improved method.

Since over one hundred samples of Aroclor 1242 and 1016 have been analyzed by both the old and new methods, a good correlation exists. The old method will be discontinued on the straight Aroclors. Until a new specification is formalized on the Aroclors I will use a guideline as follows for determining acceptability:

Power Factor at 60 cycles	1.0%, max.
Resistivity	$20{,}000 \times 10^9$, min.

Aroclor blends, however, have not been analyzed by the new method and so no correlation between the old and the new methods exists. For some period of time both tests will be run on blends, but the valves according to the new method will be the one reported to customers. Until a correlation is established, the department needs results by the old test to determine when a blend needs to be earth-treated.

R. M. McCutchan

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