H.A. VORDEN - RUABON.

28th January, 1971.

Monthly Report - January 1971.

Subjects.

R. . Baxter, Ruabon.

J.. Barrett, London.
P.J.A. Marsh, Brussels.
D.R. Richard, St. Louis.
E.V. Weekes, Brussels.

Organic Chemicals - Fluids - R & D Europe.

Electrical Fluids.

Five technical service requests have been completed.

Technical service visits have been made to Miljeholmens in Sweden and Nokia in Finland. Tests on the first delivery of Aroclor by road tanker to Miljeholmens proved acceptable on dissipation factors. Discussion on the problem of the unwanted IR peak at 3050 cm^{-1} in Aroclor containing [illegible] showed this to be less of an issue than previously thought, but, apparently, Monsanto Aroclor shows a higher average value than Prodelec material. We had shown from tests in the laboratory that a sample of the Aroclor delivered in the road-tanker did not show this IR peak. Some more work is planned to resolve this problem although it probably does not warrant high priority.

[illegible] 1016 was presented at Miljeholmens and Nokia. Miljeholmens were not enthusiastic, but Nokia seemed to appreciate the significance and were more interested.

[illegible] are troubled by disposal of washing water and condenser water containing traces of Aroclor. They use water rather than organic solvents for cleaning their finished capacitors. We have been asked to help them by [illegible] plastic filter elements which they believe could remove [illegible] biphenyl from water.

Heat Transfer Fluids.

Several enquiries have been received from users of Santotherm FR-O in aluminium plants. They are concerned at toxicity effects due to leakages of Santotherm at elevated temperatures. They have been advised of correct precautions to take, including the use of cannister masks, whilst dealing with their leakage problems.

H.A. Vorden.

DSW 378757

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Technical service work has been carried out for the following:

Woden Transformer Company.
Capacitor Limited.
Monsanto, Newport.
Cenemesa-Westinghouse (via Quimidroga).

We have also been asked by ECC to advise on the reason for the failure of the gasket in a transformer and we await clearance from London before doing so.

CRC.

[illegible]