

EXHIBIT 43

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PARAQUAT TOXICOLOGY MEETING
FEBRUARY, 1976
File: 152.31 - Paraquat

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MR. J. N. OSPENSON
Chevron Chemical Company

The following is a summary of the meetings held between myself and Ken Fletcher of CTL on February 17 and 18, 1976.

1. Prior to our meeting, PFD had agreed to fund the adsorbent studies, and we have requested samples from you for this project. Our work will include an attempt to determine whether we can reduce the dose of a resin such as Dowex and still promote survival. It is assumed that you will arrange payment by PFD.
2. With regard to the proposed epidemiology study, CTL has asked the Divisional Medical Officer (Dr. Keir Howard) of PFD to see what he can find. Dr. Howard has contacted interested persons in Malaysia, and is pursuing the matter, although no timetable has been set. We anticipate it will take 2-3 more months, just to determine whether an appropriate group exists.
3. We discussed at some length, the gaps in our knowledge of the chronic effects of paraquat exposure. The animal studies available are old and do not meet current standards. Some are poorly done. In fact, the cause of death from chronic exposure to paraquat could not be determined from these studies. Dr. Fletcher agreed to review these and to consider repeating certain of the studies. I have recently received a letter from him (enclosed) in which he states that he has reviewed this area with Allen Calderbank and Arthur Witt, and they do not believe it warranted to repeat any of this work. I agree with this only if we can do the proposed epidemiology study. If not, our only recourse will be to have good animal studies in this area.
4. Dr. Fletcher has asked Dr. J. H. Sanderson, a hematologist at CTL, to look into the question of the effects of paraquat on blood and the blood-forming organs. Two communications from Dr. Sanderson are attached. I agree with his feelings on Musti's paper, but find more difficulty with that of Lautenschlager. I intend to encourage Dr. Sanderson's research in this area. We are going to undertake to review all U.S. cases of paraquat poisoning in order to determine whether any hematologic effects occur.