

Baughman

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FAX TRANSMISSION

Date: April 27, 1995

Matt,

To:	Name	Klaus Biemann
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From:	Name	Robert Baughman
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Yesterday I ran across a missing notebook which had out of the MIT data, and I decided to send it to Klaus. When I called him he said he had talked with you yesterday - ESP? Thought I'd send you a copy for fun.
Cheers,

Number of pages including this page:

Bob

Message:

Klaus,

The date when we had our first meeting to discuss dioxin analyses was Sept 25, 1970, at the Harvard Faculty Club. Chuck Hignite and I ran the first spectrum on Oct 9 (photoplate A766), and all of the subsequent analyses in your lab are listed in the following table from my notebook. We could not get below about 30 pg sensitivity on the CEC-110. The AEI MS9 was about a hundred times more sensitive because 1) I could install a huge filament in the source to increase ionization, 2) the transmission efficiency out of the source and through the double beam was better, and 3) we could do sweep averaging across one AMU with the electron multiplier. The photoplates were very elegant, however, and I often wished that we had a permanent record of all of the ions. It was a lot of fun working with Chuck Hignite; he was very helpful. And your advice was key in getting us off the ground. I'll send you a recent reprint of some followup studies of dioxin levels in Vietnam.

With best regards,

Bob Baughman

cc: Matt Meselson

(Will send via mail)