



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
National Environmental Research Center
Research Triangle Park, North Carolina 27711

28 May 1975

Mr. Herbert Wortreich, Acting Chief
Bureau of Air Pollution Control
Division of Environmental Quality
Dept. of Environmental Protection
P.O. Box 2807
Trenton, N.J. 08625

Dear Mr. Wortreich:

The Control Systems Laboratory of EPA has the responsibility for insuring that air pollution control technology is available for stationary sources. If control technology is unavailable, inadequate, uneconomical, or socially unacceptable, then we financially support the development of the needed control techniques. Approaches we consider include; process modifications, feedstock modifications, add on control devices, and complete process substitution. The scale of our control technology programs range from bench to full scale demonstration plants.

Technology development work is generally conducted by industrial parties under contract to EPA. Bench scale programs are, in some cases, carried out by independent R&D firms. Work at the pilot and larger scales, however, is almost exclusively conducted by industrial partners with either partial or full funding from EPA. The scope of the larger scale programs ranges from detailed EPA involvement in the control technology development to an emissions, economic, and technical viability analysis of privately developed and installed control processes.

The Chemical Processes Section of the Control Systems Laboratory has the responsibility for investing tax dollars in programs to develop control technology for a large number (>500) of operations in the chemical industries. As in any technical program, the first question to answer is, "where are the unsolved problems?" This is a determination which should not be made on superficial information, so we decided to look at each of the industries in detail to determine if there was, in our judgment, sufficient environmental risk associated with the process to invest in the development of control technology.

*Bob Morte to be my guest and send them anything
from their files they could to but we thought too much
was too much. We have no hardy data via massive
questionnaire and told EPA directly everything we
saw*

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As a first step, we have developed a priority listing of the industries in each of four categories: combustion, organic materials, inorganic materials, and open. The listing, within the limits of error of methodology, gives potential for an adverse impact. The only purpose for this listing and the only use of this listing is to serve as a basis for the ordering of those sources for which we do a detailed analysis. That analysis will be the basis for decision making on where to invest our control technology development money.

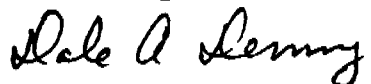
Monsanto Research Corporation has contracted with EPA (Contract No. 68-02-1874) to generate a data base for our decision making. An initial look at your industry indicates that all the necessary information is not available in the open literature or other data sources to which EPA has access. In addition, there may be instances where Monsanto was not able to confirm the validity of the data obtained.

EPA therefore requests your help in obtaining and verifying data that will enable us to make sound program decisions in the development of control technology. Representatives of Monsanto Research Corporation will be contacting your organization to arrange a meeting at which they will outline the types of data needed and propose methods for obtaining it. We ask that you cooperate with them to the fullest extent possible.

If any of the data you are requested to provide is sensitive or confidential, you may so identify it and Monsanto and the Government will take the necessary steps to protect its confidentiality. If you so request, data from your plant may be coded in the source assessment reports to maintain the anonymity of the site sampled. You may also obtain a confidential report of the results of sampling at your site.

We hope that you will be able to work with us on this important task. The staff of the Chemical Processes Section will be pleased to answer any questions concerning our working relationship with Monsanto, our functions and organizational relationships with EPA, and any other matters which may be of interest to you.

Sincerely,



Dale A. Denny
Chief, Chemical Processes Section
Particulate and Chemical Processes Branch
Control Systems Laboratory