

TO: Bob Lemkuhl

~~TOG~~ JGL: MMEG: RF
XF: Desk

FROM: T. G. Grumbles
DATE: July 25, 1988

VISTA

Interoffice
Communication SUBJ: CIIT MEMBERSHIP FOR VISTA

I've discussed CIIT membership for Vista with Dr. Donald Hart. The result of that call involved me gaining a better understanding of CIIT's activities, the cost to Vista for CIIT membership, and manpower commitments necessary for members.

Currently CIIT's efforts are directed at broad issues of toxicological research and risk assessment versus specific chemical testing. Specifically their research, while involving prioritized chemical testing, seeks to improve the science of risk assessment, increase understanding of general toxic mechanisms, increase the understanding of the relevance of animal testing to human effects, develop predictive tests to assess individual sensitivities and predict safe exposure levels and develop improved toxicity testing methods. I've attached a page describing the 1988 research goals.

If Vista became a member, it would involve having a member on the board of directors and one on the technical committees. I would estimate 2 "man weeks" of time per year to stay active.

The dues structure is based on the SIC code of the supporting companies. We would fall under the code for chemicals, which is assessed at \$200 per million dollars of sale, and plastics, which is \$60 per. It is not clear how CIIT would apportion our business for dues but they would probably be between 110,000 and 150,000 per year.

There are currently 32 companies supporting CIIT (list attached). As you see many are customers of ours.

The benefits of Vista membership in CIIT are not quantifiable. The "good corporate citizen" demonstration is clear. The scientific benefit and how it impacts our business would not be specific to Vista. The issues CIIT is researching are, for the most part, areas we deal with daily. These benefits would, of course, have to be factored with the significant cost. However, based on the corporate image benefit, contact with customer companies in the CIIT activities, and potential scientific/technical benefit, I would recommend we consider further evaluation of membership as discussed in the attached letter from Dr. Hart.


T. G. Grumbles

dlj
Attachment

VVV 000014416

cc: R. D. Gamblin
R. T. Ferrell

Chemical Industry Institute of Toxicology



President, Robert A. Neel, Ph.D.
Vice President, Director of Research, James E. Gibson, Ph.D.
Vice President, Administration and Secretary, Donald A. Hart, Ed.D.

P. O. Box 12137
6 Davis Drive
Research Triangle Park,
North Carolina 27709
(919) 541-2070

July 19, 1988

RECEIVED

JUL 22 '88

Route: _____

Copy: _____

File: _____

X-F: _____

Mr. Thomas G. Grumbles
Environmental Quality Manager
Vista Chemicals
P.O. Box 19029
Houston, TX 77224

Dear Mr. Grumbles:

Thank you very much for your phone call and your request for additional information about CIIT. We are very pleased that you are interested in CIIT and would certainly like to have you and others in Vista as well informed on the Institute as possible. By far, the best way to do this is to arrange a personal visit to the Institute to meet our staff and see the work they are doing. Appropriate representatives of the Vista management group are extended a most cordial invitation to visit CIIT for this purpose. Specific timing and arrangements can be set by calling me at the phone number above.

There are a number of reasons why membership in CIIT would make good sense for Vista. Just as any other producer of chemicals, Vista faces a number of environmental, occupational and user exposure problems that must be managed. Addressing such common problems, and the regulatory environment they create, in a fundamental way with impeccable cutting edge science can be accomplished most effectively and efficiently by an approach that is cooperative and generally credible. This is what CIIT does.

The new and more meaningful information and methodology CIIT is creating is having an important impact on how human toxic risk is assessed and how chemical exposures are being regulated in ways that are economically important to your company. Membership also provides a close working relationship with CIIT staff scientists that can be very valuable in handling special problems a member company may have. The regular interface of your CIIT Board member with fellow CIIT member company representatives, most of whom are in responsible charge of health, safety and environment issues for their own companies, is also very meaningful. Membership makes an important statement about a firm's sense of concern and responsibility about toxicity issues that is very important to all of its constituencies, both internal and external. It enhances the knowledge, and hence the competency of the organization.

VVV 000014417

Mr. Thomas G. Grumbles
Page Two
July 19, 1988

You may well see other benefits to membership for your company and indeed we can offer more. Although we do not wish to burden you with unwanted material, we can supply much more documentation about CIIT's work and its impact if that would help you.

The following enclosures will help you evaluate membership in CIIT: Annual Report for 1987; Research Plan and Budget for 1988-90; a copy of our By-Laws and operating guidelines; the dues structure and other related documents.

We would very much like to have Vista as a member of CIIT and hope that serious consideration will be given to this possibility. Our experience teaches that the commitment to CIIT is best made when both technical/scientific and top management people are involved. In fact, only the top management has the breadth of vision and the ability to dedicate corporate resources that membership requires. If you could help us to get appropriate consideration, we would be most appreciative. Since we sincerely believe the more one knows about CIIT the more convinced you become of the value of participation in it, we hope you will have Vista accept our invitation to visit, and to ask us for any further information you may wish.

I hope we will soon have the pleasure of welcoming Vista Chemicals to membership in CIIT.

Sincerely,



Donald A. Hart, Ed.D.
Vice President, Administration
& Secretary/Treasurer

DAH:eam

Enclosures

cc: CIIT Membership Committee:

Mr. Richard Fleming, Chairman
Mr. Ron Van Mynen, Vice-Chairman
Mr. Louis Blecher
Mr. Clyde M. Burnett
Dr. John Higginson

Dr. Joshua Lederberg
Dr. Walter R. Quanstrom
Mr. George A. Rodenhausen
Dr. Gary L. Ter Haar
Mr. Irwin S. Zonis

Dr. Robert A. Neal

VVV 000014418

SUPPORTING COMPANIES

Air Products and Chemicals, Inc.
Allied-Signal Inc.
Amoco Chemical Company
ARCO Chemical Company
BP America, Inc.
Bristol-Myers Company
The Dow Chemical Company
Dow Corning Corporation
E. I. du Pont de Nemours & Co., Inc.
Eastman Kodak Company
Essex Chemical Corporation
Ethyl Corporation
Exxon Chemical Company
GAF Corporation
General Electric Company
W. R. Grace & Co.
Hoechst Celanese Corporation
ICI Americas Inc.
The Lubrizol Corporation
Mobil Research and Development Corporation
Monsanto Company
Occidental Chemical Corporation
Olin Corporation
Phillips 66 Company
Polysar Incorporated
PPG Industries, Inc.
The Procter & Gamble Company
Quantum Chemical Corporation
Rohm and Haas Company
Sandoz Crop Protection Corporation
Texaco Inc.
Union Carbide Corporation



Chemical Industry Institute of Toxicology
P. O. Box 12137
Research Triangle Park, NC 27709
(919) 541-2070

VVV 000014419

TOXICOLOGY ISSUES - PRIORITIZATION AT CIIT

Survey of Preference Based on Ten CIIT Research Program Technical Goals

Ten Technical Goals were proposed by the Development Committee and staff to guide the CIIT research program. In order to determine the proportion of Institute effort that should be applied to each goal, member company representatives were surveyed. Each member was requested to specify a percentage preference of research effort by the Institute for each technical goal.

The following table presents the results of the survey and contrasts it with actual effort proposed for 1988.

<u>CIIT Technical Goals by Development Committee Priority Rank</u>	<u>Development Committee Opinion (% Budget)</u>	<u>Proposed CIIT Project Cost Distribution in 1988 (% Budget)</u>
1. Improve the scientific basis for human risk assessment through use of disposition, absorption, metabolism, pharmacokinetics and target organ data with emphasis on cancer risk.	19	14.4
2. Elucidate mechanisms of toxic action of selected chemicals and apply findings to broader range of chemicals.	19	22.6
3. Understand relevance of animal test results, e.g., rodent liver tumors, rat kidney toxicity or carcinogenicity and mouse lymphoma, in assessing human cancer risk.	15	8.5
4. Develop biological markers to detect toxic effects, individual sensitivity and predict safe threshold values in humans.	10	11.2
5. Develop and validate methods pertaining to impaired reproduction, neurotoxicity, immune toxicity and recombinant DNA.	8	12.8
6. Determine potential relationship of chronic/short term/intermittent high level exposure to low level exposure over an extended time period.	8	3.2
7. Determine potential health effects from exposure to mixtures versus single chemicals.	7	1.0
8. Develop improved methods, in vivo and in vitro, to supplement or replace current assays in assessing human risk.	6	12.9
9. Develop improved methods for understanding potential health risks to inhalation of particulates or fibers.	4	4.0
10. Conduct limited program of descriptive toxicity studies with selected priority chemicals.	4	9.4

VVV 000014420