

ABT ASSOCIATES INC.
55 WHEELER STREET, CAMBRIDGE, MASSACHUSETTS 02138
TELEPHONE : AREA 617-492-7100
TWX: 710-3201382

November 18, 1977

Mr. Robert Mereness
Asbestos Information Association
1745 Jefferson Davis Highway
Arlington, Virginia 22202

Dear Mr. Mereness:

As you are aware, Abt Associates is currently developing training materials for workers who are exposed to carcinogens in their places of employment. The work is sponsored by the Occupational Safety and Health Administration (contract no. J-9-F-6-0125) as part of their Cancer Alert Program. A brief project description is appended to this letter.

One carcinogen with which we are concerned is asbestos. Specifically, we are developing training materials for both workers and managers in two industries, brake repair and building construction. These materials are now in draft form, and are being reviewed by OSHA and by outside experts.

Because of the clinical importance and political sensitivity of occupational cancer, we are anxious to have our materials reviewed by leading workers in the field; this group obviously includes you and your colleagues at the Asbestos Information Association. The enclosed package contains trainers' manuals for two managers' courses, one aimed at construction and one aimed at the brake repair industry. I have not included the participants' materials, since they are summarized in the trainers' manuals. Also, I have omitted most of the background readings since these are chiefly reprints of government documents, with which you are no doubt familiar as well as publications of your own Association. The one background reading which I have included is Dr. Richard Glasser's article, "The Real Cause of Cancer."

While I do not want to constrain your comments in any way, there are a few general questions which are of particular concern. These are:

- Is the technical content complete and correct?
- Are the materials properly balanced between technical information and "consciousness-raising?"
- Is the tone of the materials appropriate to the audience(s)?

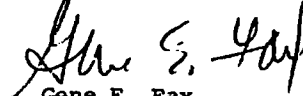
These are the general issues on which we seek guidance, in addition to any specific criticisms you may think appropriate.

TO: Mr. Robert Mereness

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In regard to your response, please use whatever method is most convenience for you and your staff. If you are able to respond in writing, we would appreciate it. Otherwise, a telephone conversation, scheduled in advance, would be quite satisfactory for our purposes. Your comments will be most useful if we could receive them in about two weeks' time. Thank you for your kind assistance.

Very truly yours,



Gene E. Fax
Senior Analyst

GEF:jhs

encs.

FMSI 03354

Contents of Participants' Packages

A. Brake Shop Managers

1. Hard copies of slides, with brief introductory text
2. "Fabrication and Use of Asbestos Friction Materials," 40-page booklet published by the Asbestos Information Association
3. Occupational Safety and Health Administration, "Standard for Exposure to Asbestos Dust," 36 Federal Register 10466, 29 May 1971.
4. National Institute for Occupational Safety and Health, "Recommended (Interim) Procedures for Asbestos Brake and Clutch Servicing," and cover letter, August 8, 1975.
5. "Industrial Hygiene Consultants," American Industrial Hygiene Association Journal, Vol. 38, No. 6, June 1977.
6. National Institute for Occupational Safety and Health, "Suppliers of Protective Equipment," undated.
7. National Institute for Occupational Safety and Health, "OSHA Handbook for Small Businesses," OSHA 2209, Revised 1977.
8. Posters (published by the Asbestos Information Association):
 - a. "When required, always use your respirator"
 - b. "If you don't smoke now, don't start; if you do smoke, quit."
 - c. "Use change rooms and lockers; leave dusty clothes at work."
9. Sample "Asbestos Hazard" labels
10. All About OSHA, Program and Policy Series, U.S. Department of Labor, Occupational Safety and Health Administration (revised) 1976.

B. Brake Service Workers

1. Hard copies of slides with captions and space for notetaking
2. What You Should Know About Asbestos and Health, Asbestos Information Association.
3. Caution: Asbestos Dust ... Is Hazardous to Your Health, National Institute for Occupational Safety and Health, Public Health Service, U.S. DHEW, Cincinnati, Ohio; 45202.
4. How to Use OSHA, A Workers' Action Guide to the Occupational Safety and Health Administration, Occupational Health and Safety Project, Urban Planning Aid, Cambridge, Mass. 02139
5. All About OSHA, Program and Policy Series, U.S. Department of Labor, Occupational Safety and Health Administration (Revised) 1976.
6. Occupational Safety and Health Administration, "Standard for Exposure to Asbestos Dust," 36 Federal Register 10466, 29 May 1971.
7. Readings for optional exercises in Modules 1 and 4.
8. Picture Puzzle and Answer Key for Closing Exercise. It is a garage scene with several violations of the Standard and poor work practices depicted.

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9. Cubic centimeter fold-up
 10. Color poster of do's and don'ts of worker practices using negative symbol format like that in slide #37. Each picture will have a brief caption. The poster will be suitable for hanging in a locker, in the work area or at home.
 11. OSHA Complaint Form

C. Construction Managers

1. Hard copies of slides, with brief introductory text
2. 40-page booklet published by the Asbestos Information Association:
"Shop and Field Fabrication of Asbestos Sheet Products"
3. Occupational Safety and Health Administration, "Standard for Exposure to Asbestos Dust," 36 Federal Register 10466, 29 May 1971.
4. National Institute for Occupational Safety and Health, "Recommended (Interim) Procedures for Asbestos Brake and Clutch Servicing," and cover letter, August 8, 1975.
5. "Industrial Hygiene Consultants," American Industrial Hygiene Association Journal, Vol. 38, No. 6, June 1977.
6. National Institute for Occupational Safety and Health, "Suppliers of Protective Equipment," undated.
7. National Institute for Occupational Safety and Health, "OSHA Handbook for Small Businesses," OSHA 2209, Revised 1977.
8. Posters (published by the Asbestos Information Association):
 - a. "When required, always use your respirator"
 - b. "If you don't smoke now, don't start' if you do smoke, quit"
 - c. "Use change rooms and lockers; leave dusty clothes at work"
9. Sample "Asbestos Hazard" labels
10. All About OSHA, Program and Policy Series, U.S. Department of Labor, Occupational Safety and Health Administration (Revised) 1976.

D. Construction Workers

1. Hard copies of slides with captions and space for notetaking
2. What Your Should Know About Asbestos and Health, Asbestos Information Association
3. Caution: Asbestos Dust ... Is Hazardous to Your Health, National Institute for Occupational Safety and Health, Public Health Service, U.S. DHEW, Cincinnati, Ohio, 45202.
4. How To Use OSHA, A Workers' Action Guide to the Occupational Safety and Health Administration, Occupational Health and Safety Project, Urban Planning Aid, Cambridge, Mass. 02139.
5. All About OSHA, Program and Policy Series, U.S. Department of Labor, Occupational Safety and Health Administration (Revised) 1976.

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7. Occupational Safety and Health Administration, "Standard for Exposure to Asbestos Dust," 36 Federal Register 10466, 29 May 1971.
 8. Cubic centimeter fold-up.
 9. Color Poster of do's and don'ts of worker practices suitable for hanging in a locker in the worker area or at home.
 10. OSHA Complaint Form

Packaging of Materials

Trainer's packages will be contained in vinyl three-ring binders with inside pouches to contain background materials. Participants' packages will be contained in manila expansion envelopes. Binders and envelopes will be labelled to identify course content and sponsoring agency.

ABT ASSOCIATES INC.
55 WHEELER STREET, CAMBRIDGE, MASSACHUSETTS 02133
TELEPHONE: • AREA 617-462-7100

AREA: ECO

PROJECT: "Preventive Health Training Program on Occupational Cancer Hazards."

CLIENT: Department of Labor, Occupational Safety and Health Administration, (OSHA) (Stanley Kalin, acting project officer)

VALUE: \$300,963. (CPFF) - Contract No. J-9-F-6-0125

PERIOD: 7/1/76 - 12/31/77

Abt Associates is currently developing training materials for workers (and in some cases for management) who are potentially exposed to cancer hazards in their workplace. This contract is part of OSHA's Cancer Alert Program which also involves George Washington University and Denver Research Institute. Abt is currently formalizing the training plans for workers exposed to the following substances:

<u>Substance</u>	<u>Worker Group</u>
Inorganic arsenic	Copper smelter workers
Coke oven emissions	Coke oven workers
Solvents	Rubber workers
Asbestos	Construction and friction products workers
Hexavalent chromates	Chrome pigment production and paint production workers and spray painters

For each of the worker groups a plan for training materials has been or soon will be proposed. The summer months will be spent actually developing the materials. In the early fall we will be ready to pilot test the materials and then to modify or revise them before final submission to OSHA. Dissemination of the materials to workers is the responsibility of George Washington University after we have submitted our final product.

FMSI 03358