

PLAINTIFF'S
EXHIBIT

AL-774

59. General correspondence
regarding asbestos
replacement program

FROM J. L. DIEDERICH
METALS & CHEMICALS GROUP
PITTSBURGH OFFICE - 29

TO

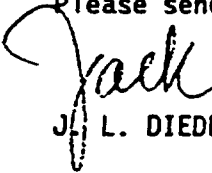
1989 January 09

RE: ASBESTOS

With respect to the captioned, would you please advise me of the following for your plant:

1. Are we in violation of any regulations?
2. Are we proactive enough? 1989 should be a good year, and it will be a nice time to deal with asbestos issues before they become potential problems.

Please send me a brief summary on this subject when convenient.


J. L. DIEDERICH

JLD/vds

Distribution: T. W. Baugh, Jr. - Badin Works
H. W. Cooper - Pt. Comfort Operations
W. J. Drake - Rockdale Works
M. E. Goza - Wenatchee Works
R. G. Kuerner - Arkansas Operations
H. McLaughlin - Warrick Operations
D. F. Simonc - Tennessee Operations
G. F. Stephens - Northwest Alloys, Inc.
L. E. Tate - Massena Operations

cc: R. C. Rawe - 29
R. F. Slagle - 29
R. A. Schultz - Arkansas Operations
R. R. Taylor - 28



ALCOA

HAROLD S. EVANS
PITTSBURGH OFFICE

Draft

(6)
MR. B. R. BARSTOW
MR. ALAIN BELDA
MR. B. H. J. BEMELMANS
MR. K. L. MILLICAN
MR. W. A. SNADECKI
MR. N. F. STEPHEN

January 17, 1989

RE: ASBESTOS

Attached is a letter from Fred Fetterolf advising us of the need to deal more aggressively with asbestos.

I would appreciate your comments on the following:

1. Are we in violation of any local regulations concerning asbestos?
2. Are we dealing with asbestos issues before they become potential problems?

When convenient, please send me a brief summary on your situation.

HAROLD S. EVANS

mb
Attachment

cc: R. M. James
A. C. Roemhild

Feedback given to Martha Babick
Concerning this letter

Please add to item 1
"Please advise this office of the
specific requirements of local
asbestos regulations"

"Copy Pgh IH & Safety on responses"

FROM C. F. FETTEROLF

PITTSBURGH OFFICE - 30

TO

MESSRS.

R. R. HOFFMAN - 29
J. L. DIEDERICH - 29
V. R. SCORSONE - 29
C. K. LIGON - 30
H. S. EVANS - 30

1989 January 04

RE: ASBESTOS

In a meeting this morning on a variety of environmental issues, the subject of asbestos was discussed.

We didn't have the knowledge in the meeting, but there were strong feelings that we need to deal more aggressively with eliminating asbestos.

Will you please insure yourself that:

1. The plants are aware of their asbestos situation.
2. We are not in violation of any regulation.
3. We are doing the right thing. 1989 is a good year to put problems behind us.
4. You are satisfied with our position.

I would like your feedback.

C. F. FETTEROLF

CFF/sam

*OK -
would you ask me
please & not target for review?
P*

C8



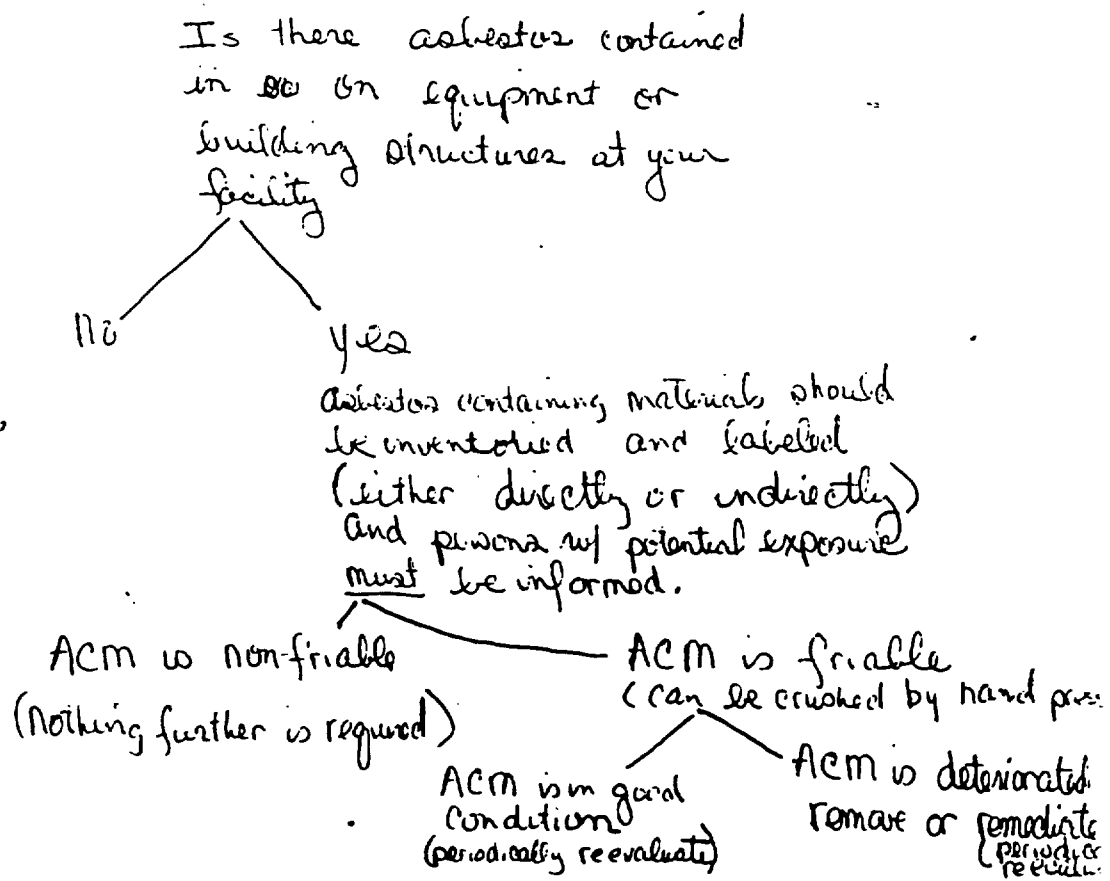
LLK Chen 89/01/12

Charlie

In response to your question about an overview of the asbestos regs I can offer the attached decision tree which explains removal much better than it explains the existence of asbestos in a plant facility.

Let me see if this is the decision tree for intact asbestos insulation?

Laura:
Emergency Response
Plan



ASBESTOS EXPOSURE DECISION TREE

GENERAL INDUSTRY

- Fabrication of asbestos products
 - Vehicle maintenance
 - Other activities not covered by construction
- 8 hr. TWA

0.1 f/cc ~~0.2 f/cc~~

- Initial monitoring by Oct. 20, 1986
- Air monitoring 6 mo. frequency
- Employee training
- Medical surveillance
- Engineering controls/work practices
- Housekeeping

≥ 0.2 f/cc

- Initial monitoring by Oct. 20, 1986
- Air monitoring 6 mo. frequency
- Employee training
- Medical surveillance
- Regulated areas
- Engineering controls/work practices
- Respiratory protection Fit test 6 mo.
- Protective clothing
- Housekeeping
- Decontamination area
- Written program
- Recordkeeping
- Lunchrooms

CONSTRUCTION

- Routine maintenance in general industry (involving asbestos)
 - Transport and disposal of asbestos waste
- 8 hr. TWA

0.1 f/cc ~~0.2 f/cc~~

- Initial monitoring
- Employee training
- Medical surveillance
- Labeling installed asbestos

≥ 0.2 f/cc

- Initial monitoring
- Daily monitoring (unless type C respirators used)
- Employee training
- Medical surveillance
- Protective clothing
- Decontamination area
- Regulated area
- Communication among employers
- Lunchrooms
- Labeling installed asbestos

Asbestos abatement activities (renovation/demolition) EPA notification requirements for waste

Small jobs

- Initial monitoring
- Work practices (wet methods, glove bags, remove entire insulated structure, mini-enclosures)
- Training (if ≥ 0.1 f/cc)
- Medical surveillance (if ≥ 0.1 f/cc for at least 30 days/year or use negative pressure respirator)
- Labeling installed asbestos
- Waste disposal requirements

Large jobs

- Initial monitoring
- Monitor daily (except when type C respirators used)
- Negative pressure enclosures/engineering control
- Competent person
- Decontamination area
- Lunchroom
- Respiratory protection
- Protective clothing
- Communication among employers
- Training (if ≥ 0.1 f/cc)
- Medical surveillance (if ≥ 0.1 f/cc for at least 30 days/year or use negative pressure respirator)
- Labeling installed asbestos
- Waste disposal requirements

Charles F. DiMascio

We can't wait for tomorrow!

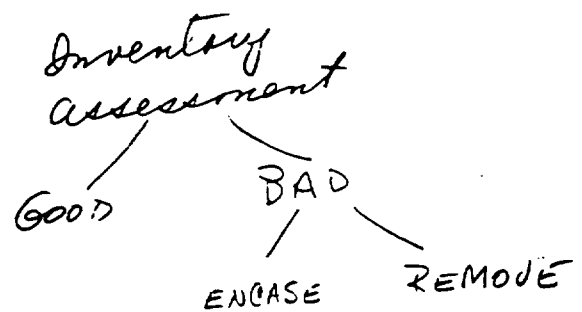
To:

8-01-11

Laura,

Do you have a synopsis
of asbestos Regs. what
does it take to be in compliance

CE



CFD



1501 Alcoa Building
Pittsburgh, Pennsylvania 15219

FROM R. H. BARTON
AFL - NASHVILLE

TO C. K. LIGON
ALCOA
PITTSBURGH OFFICE - 30

1989-02-03

RE: ASBESTOS

Regarding Fred's letter of January 04, all locations have reported there is no known asbestos. AFL is satisfied it knows its situation, and we have no problem.

RHB

Robert H. Barton

RHB:ss\201

*cc:
Laura Ripsey
(6)*

Ann L. Brooks

We can't wait for tomorrow!

To:

Memo for ~~ROBERTA~~ / ~~ANN~~

Laura Ripley, Room 656 A.B., would like
to have copies of all the responses
VRS/RRH receive to the letters regarding
ASBESTOS.

ab

2/3/89



1501 Alcoa Building
Pittsburgh, Pennsylvania 15219

FROM

HAROLD S. EVANS

PITTSBURGH OFFICE

TO

MR. B. R. BARSTOW

MR. ALAIN BELDA

MR. B. H. J. BEMELMANS

MR. K. L. MILLICAN

MR. W. A. SNADECKI

MR. N. F. STEPHEN

Laura R.

January 17, 1989

RE: ASBESTOS

Attached is a letter from Fred Fetterolf advising us of the need to deal more aggressively with asbestos.

I would appreciate your comments on the following:

1. Are you aware of any specific local regulations concerning asbestos?
(Please advise Charlie DiMascio's office of any local requirements.)
Are we in violation of any of these regulations?
2. Are we dealing with asbestos issues before they become potential problems?

When convenient, please send me a brief summary on your situation.

HAROLD S. EVANS

mb

Attachment

cc: C. F. DiMascio

A. C. Roemhild



ALCOA

FROM C. F. FETTEROLF

PITTSBURGH OFFICE - 30

TO

MESSRS.

R. R. HOFFMAN - 29
J. L. DIEDERICH - 29
V. R. SCORSONE - 29
C. K. LIGON - 30
H. S. EVANS - 30

1989 January 04

RE: ASBESTOS

In a meeting this morning on a variety of environmental issues, the subject of asbestos was discussed.

We didn't have the knowledge in the meeting, but there were strong feelings that we need to deal more aggressively with eliminating asbestos.

Will you please insure yourself that:

1. The plants are aware of their asbestos situation.
2. We are not in violation of any regulation.
3. We are doing the right thing. 1989 is a good year to put problems behind us.
4. You are satisfied with our position.

I would like your feedback.

C. F. FETTEROLF

CFF/sam

*an -
would you ask in my name
please + ret target for reply? ?
JD*

C8



Laura Rippey

Att. are copies of letters
R. R. Hoffman has received on
Asbestos.

Ann Brooks

2-6-89

FILE COPY

FROM RONALD R. HOFFMAN
PITTSBURGH OFFICE - 29

TO MR. F. A. APPEL - LEBANON
MR. G. E. BERGERON - RICHMOND
MR. D. M. FALLS - PGH. 28
MR. R. A. GLAH - PGH. 27
MR. T. J. TAYLOR - PGH. 28

1989 JANUARY 11

RE: ASBESTOS

There's a growing concern inside our environmental group here that we need to deal more aggressively with eliminating asbestos. Will you please advise me promptly of the following:

- (1) I need to know if your plants are completely aware of their asbestos situation.
- (2) Are we in violation of any regulation anywhere?
- (3) Are we doing the right thing? The year 1989 is a good one to get problems behind us, and we should not be dealing with the asbestos situation on an "ability to fund" long-term program.
- (4) Please indicate, based on the three previous questions, whether or not you are satisfied with your position.

Please give me your feedback promptly. Thanks.

RONALD R. HOFFMAN

RRH/ab



FROM RONALD R. HOFFMAN
PITTSBURGH OFFICE - 29

TO MR. F. A. APPEL - LEBANON
MR. G. E. BERGERON - RICHMOND
MR. D. M. FALLS - PGH. 28
MR. R. A. GLAH - PGH. 27
MR. T. J. TAYLOR - PGH. 28

cc: Ron Coleman
Dick Ray
89-01-13

Bill Strawn
Tenn.

1989 JANUARY 11

RE: ASBESTOS

There's a growing concern inside our environmental group here that we need to deal more aggressively with eliminating asbestos. Will you please advise me promptly of the following:

- (1) I need to know if your plants are completely aware of their asbestos situation.
- (2) Are we in violation of any regulation anywhere?
- (3) Are we doing the right thing? The year 1989 is a good one to get problems behind us, and we should not be dealing with the asbestos situation on an "ability to fund" long-term program.
- (4) Please indicate, based on the three previous questions, whether or not you are satisfied with your position.

Please give me your feedback promptly. Thanks.

RONALD R. HOFFMAN

RRH/ab

1/13/89
Ron:
I am satisfied Warwick or Tenn. are on top of the asbestos problem. They both have excellent technical staffs in the hygiene area. By copying Ron and Dick, I would ask them to send us info if we have a specific problem/issue that is active and if 1989 is not end of major clean-up work.
Dan



FROM T. J. LEVEQUE
CLOSURE SYSTEMS INTERNATIONAL
RICHMOND, INDIANA

TO MR. R. R. HOFFMAN
PITTSBURGH OFFICE

1989 January 27

RE: ASBESTOS - CSI INTERNATIONAL LOCATIONS

In response to your questions:

1. Plant Asbestos Situations:

- a. Alcoa Deutschland - have eliminated all asbestos except possibly brake systems on presses and lining machines and seals on an extruder oven.
 - b. Capsulas Metalicas - have been eliminating asbestos but may have very small amounts in oven joints or on compressed air pipes.
 - c. Shibazaki - only asbestos is reported in oven wall and door insulation and "low content" asbestos in slate roof and sidewall - also ceilings.
2. All three managements report they are not in violation of any regulations. The Japanese do not have any asbestos regulations.
 3. The Spanish plan to replace their few uses of asbestos. The Germans are formulating plans now for complete elimination also. The Japanese are investigating substitutions for the oven insulation. The Japanese do not believe the "low content" applications pose health risks.
 4. Both the Germans and Spanish seem to have satisfactory positions. I feel the Japanese situation should be investigated further to develop more information on the building situation. I will discuss this with George upon his return.

T. J. LEVEQUE
TJL/ljh

cc: G. E. Bergeron



FROM RONALD A. GLAH

PITTSBURGH OFFICE - 27

TO MR. R. R. HOFFMAN

PITTSBURGH OFFICE - 29

1989 January 25

RE: ASBESTOS

Ref: Your 1989 January 11 Letter

In reviewing our facilities, we have found that we have two potential problem areas:

1. Ragsdale - Ceiling tile
2. Randolph - Pipe insulation

We have obtained test samples which have been forwarded for analysis to confirm whether or not the material is actually asbestos. If the results are positive, we must proceed immediately to remove the existing ceiling tile and pipe insulation by qualified contractors and replace with substitute materials.

RONALD A. GLAH

/eds



FROM T. J. LEVEQUE
CLOSURE SYSTEMS INTERNATIONAL
RICHMOND, INDIANA

TO MR. R. R. HOFFMAN -
PITTSBURGH OFFICE

(faxed)
(1-26-89)
2m

1989-01-26

RE: ASBESTOS

This is in reply to your letter of January 11. I will respond to your questions with reference to C.S.I.'s domestic facilities. George will advise on the international locations when he returns from his trip overseas.

1. Plant asbestos situations:

- a. Lancaster - All asbestos was discovered and removed or encapsulated during the process of shutdown. A consultant was used for identification of asbestos and certification of treatment.
 - b. H-C Industries - Olive Branch - Due to the age of the facility we do not believe any asbestos was used in its construction. No survey has been made, however.
 - c. H-C Industries - East Plant (New) Crawfordsville - Due to the age of the facility we do not believe any asbestos was used in its construction. An internal survey has been made.
 - d. H-C Industries - West Plant (Old) Crawfordsville - Asbestos pipe lagging was discovered and removed during demolition of the old warehouse. We believe asbestos may be present in the roof.
 - e. Richmond Works - An audit was conducted by Corporate Environmental in 1986. Based on that data asbestos has been removed by an approved contractor whenever asbestos was disturbed or involved in maintenance work or equipment removal. Asbestos remains in the boiler house, in ducts in roof fanhouses, and in roof flashing, in pipe insulation on most overhead steam and water lines, and in oven insulation. None of this poses a health hazard according to the applicable standards.
2. We are not, to our best knowledge, in violation of any regulations. We are complying with OSHA regulations for identification placards and labels for our drawings and in buildings where asbestos exists.
 3. Based on regulatory and Corporate standards, we are doing the appropriate things.



T. J. LEVEQUE TO MR. R. R. HOFFMAN
PAGE 2 - RE: ASBESTOS
1989-01-26

4. Am I satisfied? Ed Smith has directed his engineering department to develop costs for the complete removal or treatment of all remaining asbestos at Richmond. I've asked H-C Industries to contract with an outside consultant for identification/confirmation of their asbestos situation. The information gained from these projects will allow us to accelerate our asbestos activities if we wish to do so.

TIMOTHY J. LEVEQUE

TJL:dkb

cc: G. E. Bergeron - C.S.I., Richmond, Ind.
E. F. Smith - Closure Division, Richmond, Ind.
J. L. Eicher - Closure Division, Richmond, Ind.
C. B. Schiele - H-C Industries, Crawfordsville, Ind.
K. M. Walker - H-C Industries, Crawfordsville, Ind.

FROM: M.S. NELSON
SHEET & PLATE DIVISION

TO: V.R. SCORSONE
ALCOA AEROSPACE &
INDUSTRIAL PRODUCTS
PITTSBURGH OFFICE

CC: L.P. HASSEY
G.O. PRATT, JR.

January 20, 1989

RE: ASBESTOS

I have attached a synopsis of our asbestos activity at Davenport broken down along the lines of the original 4 questions in Fred's letter of January 4. While this may be a little more of an answer than you want to give Fred, I feel it is important you understand we have a lot of asbestos at Davenport and we are stepping up our removal efforts. It will be no small task and will impact our profitability.

In regard to the P.S., there are spots where asbestos has come loose on pipes and these represent our "extreme" hazard areas and are the areas we work on first. We do not feel employees are exposed to airborne asbestos above the action level.

M. S. NELSON

MSN:
Attachment

Laura

*This gives a fair summary of
where we are, and the material has
been sent on. to Fetterhoff as
of 89/1/24.*



ALCOA

FROM V. R. SCORSONE
ALCOA AEROSPACE & INDUSTRIAL PRODUCTS
PITTSBURGH OFFICE

TO MR. C. R. GILLESPIE - CLEVELAND
MR. R. A. KOCERHA - LAFAYETTE
MR. T. S. MOCK - MASSENA
MR. M. S. NELSON - DAVENPORT S&P
MR. D. W. RAY - PITTSBURGH - 18

1989 January 10

RE: ASBESTOS

Please respond to the four questions Fred poses in the attached letter. Sandy, I also need your response to the PS allegation. The due date for replies is January 25.

V. R. SCORSONE

VRS:rsb
Attachment

FRU C. F. FETTEROLF

PITTSBURGH OFFICE - 30

MESSRS.

R. R. HOFFMAN - 29

J. L. DIEDERICH - 29

V. R. SCORSONE - 29

C. K. LIGON - 30

H. S. EVANS

1989 January 04

RE: ASBESTOS

In a meeting this morning on a variety of environmental issues, the subject of asbestos was discussed.

We didn't have the knowledge in the meeting, but there were strong feelings that we need to deal more aggressively with eliminating asbestos.

Will you please insure yourself that:

1. The plants are aware of their asbestos situation.
2. We are not in violation of any regulation.
3. We are doing the right thing. 1989 is a good year to put problems behind us.
4. You are satisfied with our position.

I would like your feedback.

C. F. FETTEROLF

CFF/sam

PS - VRS - The statement was made that Davenport had loose asbestos hanging from pipes/ceiling. A real danger.

ASBESTOS PROGRAM STATUS REPORT
January 20, 1989

SITUATION:

- Davenport Works is aware of the presence of asbestos in the facility.

Approximate extent: 37 miles of asbestos insulated pipe
12 pressure vessels or tanks
4 HVAC systems
49 heat treating furnaces

- Facility survey began 1988 June, approximately 50 percent complete. Description in attachment A.
- Survey results indicate a significant amount of asbestos abatement is required at Davenport Works.
- Preliminary cost estimate to abate the asbestos hazards at Davenport Works, including removal and reinsulation and/or repair, are approximately*:

Piping:	\$6,232,000
Pressure vessels and tanks:	500,000
HVAC systems:	400,000
Heat treat furnaces:	<u>526,000</u>
Total	\$7,658,000

*(These figures do not include lost production resulting from outages, additional equipment maintenance which may occur concurrent with asbestos abatement, or expenses for administering abatement program.)

- Additional information on pending lawsuits, employee awareness and medical claims is listed on Attachment B.

→ Removal of approx 60% of total
Includes reinsulation

To arrive at strict cost of
removal of all asbestos: (without reinsulation)

$$\$8M \times 1.66 \times 0.6 = \$8M$$

REGULATORY COMPLIANCE:

Potential violations of 29 CFR 1910 or 1926:

- 1926.58(k)(2) Labels. (i) ...Where feasible, installed asbestos... products shall contain a visible label.

Heat treat furnaces have been posted with signs warning of the presence and hazard of asbestos in thermal insulation installed thereupon. No labelling program has been initiated for asbestos containing materials on piping, HVAC or pressure vessel equipment.

- No Davenport Works employees are currently involved in asbestos removal, repair or renovation which would result in an exposure to airborne asbestos above the action level. This work has been contracted to experts in the field since 1988 July.
- Davenport Works employees are exposed to low levels of airborne asbestos below the action level emitted from damaged and deteriorating insulation present in the workplace. This is not currently a violation of any regulation but is a potential liability.

RECENT, CURRENT AND PLANNED ACTIVITIES

- In 1988 the following asbestos abatement projects were undertaken:
 1. Removal and reinsulation of No. 3 batch furnace
 2. Removal and reinsulation of pipe insulation in Bldg. 815
 3. Removal and reinsulation of stack and breaching of No. 29 batch furnace
 4. Removal from heat exchanger in Bldg. 855 prior to installation of new unit
 5. Removal and reinsulation of collector ducts of No. 11 horizontal heat treat
 6. Removal and reinsulation of doors on No. 14 batch and No. 5 reheat furnaces
 7. Removal and reinsulation of collector ducts and stack of No. 4 foil anneal furnace
 8. Emergency clean up and repair of insulation on tank in Bldg. 855
 9. Emergency clean up and repair of insulation on pipes in Bldg. 814 N (two occasions), Bldg. 816 (three occasions), and Bldg. 810 (one occasion)
 10. Removal of insulation and piping in Bldg. 814 above 100 inch mill
 11. Removal of insulation and piping in Bldg. 816B
 12. Removal and reinsulation of piping in Bldg. 808 tunnel

- The following asbestos abatement projects have been completed in 1989 or are currently in progress:
 1. Removal and reinsulation of stack, breaching and collector ducts of No. 26 batch furnace
 2. Cleanup of debris and repair of insulation on stack, breaching and collector ducts of No. 25 batch furnace
 3. Removal and reinsulation of collector ducts and stack of No. 5 foil anneal furnace
 4. Removal and reinsulation of collector ducts of No. 8 foil laminator

- The majority of projects undertaken to date have been initiated by the need to accomplish other goals, because of employee complaints, or under emergency spill and clean up conditions.

PROGRAM NEEDS

- A timetable or priority for asbestos abatement has not been established. The following activities have been identified for the implementation of an asbestos abatement management program:

1989 ASBESTOS PLANS

- Finish the survey
- Formalize and communicate our abatement plans
- Establish a contractor on site, full time, to remove the extreme and severe conditions
- Assign needed resources to coordinate efforts of the contractor
- Evaluate capability to handle multiple crew/multiple contractor teams
- Estimated cost \$500,000

FUTURE YEARS

- Handle multiple crews/multiple contractors to shorten abatement time to 10 years

Attachment A

ASBESTOS SURVEY DESCRIPTION

1. Intent: to document the location and condition of asbestos containing material (ACM) in the plant to prioritize asbestos abatement activities.
2. Method: visual inspection of suspected ACM. Material appearing to be asbestos was assumed to be asbestos unless proven otherwise. Many bulk samples of asbestos containing materials from the plant have been analyzed over the past ten years by the industrial hygienists and results demonstrate that most (85%) thermal insulation contains asbestos.
3. Ranking: the following attributes are ranked based on severity: deterioration, physical damage, potential for continuing damage, delamination, presence of debris and water damage. The degree of severity is ranked as extreme, severe, moderate or slight.
4. Completion: approximately 50 percent of the plant has been inspected by the industrial hygienist. The inspection was halted in the fourth quarter of 1988 due to the commencement of an OSHA general inspection lasting nine weeks over a three month period.
5. Results: the 50 percent of the plant inspected is representative of the plant as a whole. Based on this information the following table summarizes the condition of the asbestos in the plant (based primarily on deterioration, physical damage, and presence of debris):

	<u>Extreme</u>	<u>Severe</u>	<u>Moderate</u>	<u>Slight</u>
Piping	15%	25%	30%	30%
Vessels, tanks and HVAC	33%	25%	42%	0%
Heat treat equipment	6%	35%	28%	31%

Attachment B

OTHER ASBESTOS ACTIVITY

LAWSUIT

- A class action lawsuit has been filed by 23 people (4 Alcoans) against the 29 named asbestos supply companies.
- A restraining order was issued against Alcoa by the law firm representing these plaintiffs, to have us stop removing asbestos. We are actively debating this issue in front of a judge.
- Alcoa legal and Lane & Waterman are representing Alcoa.

EMPLOYEE AWARENESS

- Law firm or technical expert talked to ABGWIU last spring (88) and convinced several to go to Des Moines for medical evaluation. Law firm is trying to get more clients.
- Unrest among employees. Complaints seem to be coming from those that bought into the law firm's story.

EMPLOYEE ASBESTOS CLAIMS

- Brick mason has confirmed asbestosis. Worked here 30 years, all as a Brick mason. Asbestos products were used in past years in the Ingot Plant furnaces.
- General Mechanic claimed asbestosis; pre-employment X-ray 5 years ago showed same thing. We don't know if he was exposed here.
- Facilities Service Department person claims asbestosis. We are actively testing for verification.
- Ingot Plant employee claimed exposure; no asbestosis found.

Inter-Office Communication

From

B. James

To

C. F. Fetterolf

Date

January 31, 1989

Subject

Asbestos

Please be advised that ALCOA/TRE has assessed the asbestos situation throughout its four divisions. The Composite Structures division in Monrovia is the only location where asbestos exists. It is located in floor tiles, which pose no health hazard. Some asbestos also exists within the ceiling of the plant area. We will be conducting tests within two weeks to determine the extent of this situation and the health hazard it may pose to our employees. If the tests reveal exposure above permissible levels, the asbestos will be removed.

The California Health and Safety Code was recently modified (effective January 1st), requiring building owners to notify employees and contractors of the presence of asbestos in buildings. The Alcoa legal staff is preparing a standard notification letter, which we will distribute.

Otherwise, we are not in violation of any regulations and appropriate members of management have been apprised of the situation.



Bruce James

/ljt

cc: C. K. Ligon
E. Ecton
J. Rauls
J. Carter
W. Gartner
R. Shepard

R. Walker
M. Scott
P. Pruitt
A. Piecka

MIC. F. FETTEROLF

PITTSBURGH OFFICE - 30

TO

MESSRS.

R. R. HOFFMAN - 29
J. L. DIEDERICH - 29
V. R. SCORSONE - 29
C. K. LIGON - 30
H. S. EVANS

RECEIVED
JAN 13 1989

Ans'd.....

Copies MSG 6M

1989 January 04

RE: ASBESTOS

In a meeting this morning on a variety of environmental issues, the subject of asbestos was discussed.

We didn't have the knowledge in the meeting, but there were strong feelings that we need to deal more aggressively with eliminating asbestos.

Will you please insure yourself that:

1. The plants are aware of their asbestos situation.
2. We are not in violation of any regulation.
3. We are doing the right thing. 1989 is a good year to put problems behind us.
4. You are satisfied with our position.

I would like your feedback.

C. F. FETTEROLF

CFF/sam

*Wayne - please have
Bob Walker look into
this & prepare a reply.*

CC8



ALCOA

FROM R.G. Franzoni

TO C.F. DiMascio

re: Asbestos

Bill Snadecki has asked me to respond to Harold's letter on the subject dated January 17.

- 1) Switzerland has very stringent regulations on asbestos. The sale and importation of products containing asbestos is prohibited in Switzerland as of March 1, 1989. Since 1975 already it was recommended to not utilize asbestos any more.
- 2) In our Lausanne building we have torn out the last asbestos insulation some years ago and we progressively discard fire-proof filing cabinets which still contain asbestos.

In response to Harold's earlier letters on compliance with safety rules and policies I can at this point offer the following response:

Since the Lausanne building houses exclusively administrative functions, safety concerns centre around fire and emergency evacuation.

In a forthcoming general meeting with our employees we are planning to discuss this matter, reconfirm the existence of the in-house "intervention team" and "crisis response unit" and announce that there will be a fire and evacuation drill soon after the meeting.

With the help of the Swiss Bureau of Accident Prevention we have also organized access to demonstrations for safety belt utilization and general accident prevention.

We'll continue to increase our employees' awareness about safety, health and accident matters and ensure compliance with rules and policies. Not necessarily through spectacular events but by regular and repetitive information.



René G. Franzoni

cc: H.S. Evans, A.C. Roemhild, W.A. Snadecki