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May 17, 1994



**William Rutzick, Esquire
Schroeter, Goldmark & Bender
500 Central Building
810 Third Avenue
Seattle, WA 98104**

Re: Newberg v. Fiberboard Corp. et al.

Dear Mr. Rutzick:

As you know, this firm represents the Aluminum Company of America (hereinafter "Alcoa"). This letter and the enclosed documents constitutes Alcoa's response to the 30(b)(6) notice of deposition transmitted to "General Counsel, Aluminum Company of America" by your letter dated April 4, 1994.

With respect to Paragraph 1, I enclose copies of the employment records of Hubert Wright. As I have informed you orally on the telephone, Alcoa also has in its possession x-rays taken of Mr. Wright during his employment. You informed me that you did not want to go through the expense of having these x-rays copied. Therefore, those films have not been duplicated nor will they be produced.

With respect to Paragraph 2, I have included copies of records that provide a basis for inferring what products were on-site at the Vancouver plant. There are very few documents that I can find after a reasonable search. The Purchasing Department's document retention program caused purchase orders and other contracts to be discarded or otherwise destroyed after seven years. Moreover, the property-related records that we do have are comprised mainly of specifications that do not show what product was actually purchased or used on the property.

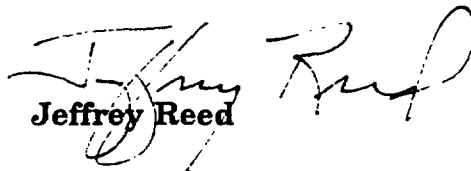
ALCOA0002285

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With respect to Paragraph 3, I have been unable to find anyone who can testify as is requested in the Notice. However, I am informed that the facility was substantially shut down in the early 1980s and sold in 1985, at which time Alcoa transferred many documents to the new owners and destroyed others.

I have continued to make calls to former Alcoa employees in an effort to locate the information that you are seeking. If I locate such a witness, I will be sure to give you a call.

Very truly yours,


Jeffrey Reed

ALCOA0002286

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bcc: Kathleen Garvin

ALCOA0002287

JAB

SHIRLEY DeCicca
1988 JUNE 27

Re: ASBESTOS USAGE IN PLANT

ASBESTOS USAGE IN THE PLANT WAS WIDESPREAD UNTIL 1972. EXAMPLES OF WHERE IT WAS USED ARE AS FOLLOWS:

I INGOT PLANT

1. ASBESTOS SHORTS USE FOR METAL TRANSFER TROUGH LININGS.
2. ASBESTOS PAPER USED IN PREHEAT FURNACES. AND ON FLOW CONES.
3. INSULATION ON STEAM PIPES.
4. MOLTEN METAL MARINITE (AN ASBESTOS PRODUCT) USED FOR TROUGH LININGS.

II MAINTENANCE SHOPS

1. BRAKE LININGS ON VEHICLES AND CRANES
2. MARINITE FORMING DONE IN SHOP, I.E., SAWING, CUTTING, SANDING, DRILLING ETC.
3. STEAM PIPE INSULATION.

III CARBON PLANT

1. CRANE BRAKE LININGS
2. ASBESTOS PAPER USED IN BAKES
3. HEAT INSULATION ON MIXERS
4. ASBESTOS SHORTS IN MORTARS.
5. STEAM PIPE INSULATION

III POTROOMS

1. TRANSITE PIPE
2. POT LEG INSULATION
3. ASBESTOS SHORTS USED IN POTLINING
4. ASBESTOS PAPER USED ON BAKE POTS
5. STEAM LINE INSULATION

III EXTRUSION MILL

1. ASBESTOS TAPER USED IN AGE OVENS
2. ASBESTOS INSULATION USED IN INDUCTION FURNACES.
3. STEAM LINE INSULATION.

ASBESTOS USAGE WAS WIDESPREAD IN ALL ELECTRICAL EQUIPMENT.

BECAUSE OF THE WIDESPREAD USAGE OF ASBESTOS, ALL PRODUCTION, MAINTENANCE AND IN PLANT MANAGEMENT COULD HAVE HAD THE OPPORTUNITY FOR EXPOSURE.

FROM ROBERT P. CARTER
INDUSTRIAL HYGIENE DIVISION
PITTSBURGH OFFICE

TO INDUSTRIAL HYGIENISTS

August 21, 1972

RE: ASBESTOS-CONTAINING REFRACTORY AND INSULATING MATERIALS USED IN FURNACE
AND CASTING EQUIPMENT CONSTRUCTION

Ref: R.P. Carter's letter dated 12/23/71 Re: Emergency Standard for Exposure
to Asbestos Dust.

G.H. Farrah's letter dated 4/17/72 Re: Asbestos Dust Exposures.

Because of the very stringent standard which has been established by OSHA for worker exposures to airborne asbestos fibers, we have received several inquiries for information as to which materials used in Alcoa operations contain asbestos so that the use of these materials can be surveyed for our conforming fully with the provisions of this standard. The list below includes, to the best of our knowledge, all asbestos-containing materials used in our furnace, smelting pot and casting equipment construction. We have not made any attempt to include here the asbestos-containing materials which are used for pipe lagging and other forms of insulation in general construction.

<u>Material</u>	<u>Asbestos Content</u>
Superex Insulation	8%
Marinite	25-50%
CFB Asbestos	100%
Asbestos Millboard or Paper	
(Note: May be supplied by Rubberoid or other supplier)	50% or more
Kaylo (Calcium silicate-asbestos combination)	10-15%
Transite	25-50%
Asbestos Tape	80-99%

For your further information, we are presently making a survey of refractory and insulating materials for free silica content which will be forwarded to you when obtained for your guidance in proper application of the OSHA standard for worker exposures to silica dusts. It will probably be six to eight weeks before this information has been obtained and compiled for transmitting to you.

If we can be of any further assistance in this matter, please do not hesitate to contact Mr. G.H. Farrah on matters relating to the sampling and test methods and either Mr. T.B. Bonney or the writer on other matters related to this asbestos standard. Of course, Mr. V.W. Rieke and the Environmental Engineering Division will be actively involved in our engineering control efforts with respect to worker exposures to asbestos fibers and their assistance should be fully utilized in this area.

Robert P. Carter

RPC:mh



ALCOA0002290

Industrial Hygienists
August 21, 1972
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cc: V.W. Rieke, Pittsburgh - 2
G.H. Farrah/J.M. Plunkett - ATC
H.M. Short, Pittsburgh - 7 0 P
M.J. Caprio, Pittsburgh - 19

Info copies to:

F.C. Irving, Jr., Pittsburgh - 29
J.C. Bates, Pittsburgh - 22
R.S. Adams/R. Kohler, Alcas Cutlery Co.
F.D. Koran/E.A. Moats, Tifton Aluminum Co., Inc.
A.P. LeClair, Jr./J.A. Elliott, H C Products Co.
J.L. McKinley/R.B. Kempton/M.L. Bookout, Rea Magnet Wire Co., Inc.
R.F. Butler/D. Trudel, Permanent Mold Div., Cleveland Works
J.W. Anderson, ABP, Inc.
A.C. Sheldon/W.J. Koopman, ACPC, Allegheny Center
J.W. Warnock, ACPC, Marshall Works
J.S. Hamilton/J.J. Thimons, Wear-Ever Aluminum, Inc.
R.C. Wilson, LeFiell Sport Products, Inc.
D.D. Rhoads/W.A. Coward, Lincoln Manufacturing Co., Inc.
R.C. Dean, Frigidome Division

JAR

ALCOA CONDUCTOR PRODUCTS COMPANY

Div. Aluminum Company of America - Vancouver Business Unit

P. O. BOX 9801

VANCOUVER, WASHINGTON 98666

(206) 699-4540



March 17, 1987

Department of Ecology
MS/PV-11
Olympia, Washington 98504

Attention: Mr. Ted Mix

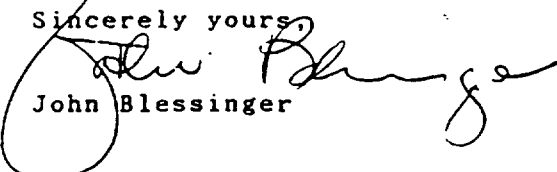
Dear Mr. Mix:

This is formal notification that we plan to remove building 410A which is located at our Vancouver Operations. This building is approximately 12 feet square, was built in 1949, was used for housing fuel oil pumping equipment and piping. Some of the piping in this building is insulated with asbestos material, approximately 50 lineal feet, which will be removed by our contractor, Crosby and Overton, Incorporated.

The contractor will use a combination of glove bag and wet spray techniques for this removal project. The asbestos will be disposed of in the Circle C landfill in Richfield Washington.

Removal is scheduled to begin March 23, 1987 and will be completed in approximately two (2) working days.

Sincerely yours,


John Blessinger

mdt:JAB

ALCOA0002292

L. L. HAISCH
VANCOUVER OPERATIONS

MEMORANDUM

May 3, 1972

RE: INDUSTRIAL HYGIENE INSPECTION

There are several areas where asbestos is being used. These areas are to be monitored to see if work areas are in compliance with any promulgated OSHA standards referring to asbestos.

No remarks made about potroom area, nor anodizing mill. A list of specific check points need to be setup for anodizing. These will probably appear on next inspection report.

The carbon plant and rodding room still use the old salamander type oil heaters near areas where men need heat. These produce unburned hydrocarbons which discharge into work areas. In cleaning machine area of carbon plant one of these heaters was operating very close to a cardboard wind break. This was a potential fire hazard.

L. L. HAISCH

LLH:br

Attachments

cc: Mr. T. B. Bunney - Pittsburgh
Dr. F. J. O'Hara/J. H. Stahl
Mr. P. F. Woodward

copy routed to: R. W. Anderson
E. T. Vanderheyden



Bldg	Sta.	Operation on Location	Contamination	Evaluation Method	Evaluation Results	Remarks
Carbon Plant Bldg. 34	1	Carbon Plant General	Dust	Visual	Normal Dust	Dust conditions evaluated as : Slightly Dusty, Normal Dust, Heavy Dust
	2	Butt Unloading	Dust	Visual	Heavy Dust	
	3	Butt Grinding	Dust	Visual	Normal Dust	
	4	Filling Mixers	Vapors Dust	Visual Visual	Normal Normal	
	4(a)	Mixer Floor	Dust Vapor Noise	Visual Visual Meter	Normal Normal 93 dBA _s	Noise checked with Exposimeter - Worker exposure not exceeding unity factor of Walsh-Healy
	4(b)	Furnaces	Air Pressure Asbestos	Visual	Cover	Blowpipes used to clean baked carbon blocks should have reduced pressure. Asbestos sheet & blankets used.
	5	Carbon Cleaning	Dust Noise	Visual Meter	Normal 92 & 96 dBA _s	Exposimeter tests indicate area safe for worker. Do wooden steps comply?
Pot Repair Bldg. 32	6	Cleaning Shells Bracket Cleaning	Noise	Meter		Brackets are being phased out in use of welded deck plate. Bracket cleaning used very little.
	7	Pot Digging	Fumes Noise	Observation Meter	See note Above limit	Fumes evolved in digging aluminas insulation are offensive. Men wear earmuffs. New jackhammers tried.
	8	Lining Pots	Vapor	Visual		Normal
Ingot Dept. Bldg. 34	9	HDC Unit	Noise	Meter	92dBA _s	"B" furnace being rebuilt
	9(a)	"G" & "H" Furnace Unit #2	Chlorine Noise	Odor Meter	Not fluxing 93dBA _s	

DATE: April 20 & 25, 1972

ALCOA0002295

WEG	STA.	OPERATION ON LOCATION	CONTAMINATION	EVALUATION METHOD	EVALUATION RESULTS	REMARKS
Ingot Dept. Bldg. 34	9(b)	"K" & "L" Furnace #4 Unit	Chlorine Noise	Odor Meter	See notes 92dBA	No Cl ₂ odor from R249 unit
	9(c)	Crucible Heater	Noise	Meter	92dBA	Open flame could be unsafe
	9(d)	Filter ball Cleaning	Caustic	Visual & Ventilation	NO VISUAL caustic fumes Good ventilation	Note: Eye wash fountain has no valve. Main valve controls water flow.
	10	Mold Preparation Tool area	Marinite Dust Solvent	Visual Visual	Diesel fuel used as solvent and is covered	Marinite dust is on all cabinets, stored Marinite, etc. Lapping plate for molds seem effective.
	11(a)	Crucible & Trough Repair	Dust	Visual	See cover letter, asbestos	Brick saw well ventilated. Observed asbestos shapes, vermiculite and Marinite (Marinite plugs)
Ore Unloading Bldg. 36	11	Shin Inloading Ore Loading	Dust	Visual	No Operation	Kwinana Ore was extremely dusty when unloaded just prior to Survey. (-325 mesh 10-147)
Rodding Room	14	Electromelt Furnaces	Smoke Noise	Visual Meter	No Smoke No Reading	
	15	Bolt-up Operation	Noise	Meter	Comply	
	16	Break-down Operation	Noise	Meter	93dBA	Mufflers on air wrenches effective Noise coming from air exhaust in sanders
Extrusion Mill Bldg. 411	17	Die Cleaning	Caustic	Smoke Tube	Ventilation O.K.	
	18	Die Spray No. 1 Press			Ventilation O.K.	Caustic Rotocloners operating for No. 1 & No. 2 Press.
	18(a)	Die Spray No. 2 Press		Ventilation	Inadequate Hooding	Proper hooding has not been designed press automated.

Bldg	STA.	OPERATION ON LOCATION	CONTAMINATION	EVALUATION METHOD	EVALUATION RESULTS	REMARKS
Extrusion Mill Bldg. 401	18(b)	Die Spray No. 3 Press	Caustic		Ventilation Good	Note: Noise level is still above 90 dBA when quench fans operate. Noise contour areas have been made. When quench fan operate men working in contour area required to wear protection.
	18(c)	Die Spray No. 4 Press			Ventilation Good	
	19	Etch Tank	Etch tank has Swindell tank in same area is	not been used	used very little.	Should cover be made to cover tank?
	20	Cut off Saws No. 4 press	Noise	Meter	98 dBA idle 106 dBA cutting	Ear protection on sawyer only
	21	Repair Sander	Dust Noise	Ventilation Water flow meter	Ventilation O.K. No reading of noise	
	21(a)	Stone Saw	Noise	Meter	94 dBA	Conditions indicate oil leak in behind saw
	21(b)	Rest Room	Rest room area at No. 1 press All workers need to help keep		indicates lack of this area clean.	interest on part of workmen.
Roll Mill Bldg. 410	22	Rolling Rod	Aerosol Noise	Visual Meter	No Operation	
	23	Wire Drawers PC 09	Aerosol Noise	Visual Meter	None observed 91 dBA	
	24	Wire Stranders PC 36	Noise	Meter	94 dBA	
Bldg. 424		Vacublast for Spectrum Wire	Dust Noise	Visual Meter	Normal 94 dBA	Some attention needed to keep used garnet confined. Piles of used garnet at various spots.

~~AUG 11 4U & 25 1972~~

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[illegible]