From L.L. RIPPEY
PITTSBURGH H&S

To J. B. CUNNINGHAM
AMIS

PLAINTIFF'S EXHIBIT
Babbitt
AL-1727

Revised

1989 July 13

RE: Asbestos Recommendations - Alcoa's AMIS Maintenance

This memo is being revised to make clear that the following recommendations are being made for the routine work done in rewiring and renovating done by Alcoa in AMIS' leased space in 2 Allegheny Center. As described to me the installation of wiring above the dropped ceiling may involve the installation of clips on the "I" beams which are coated with asbestos containing sprayed on fireproofing. In order for these clips to be properly installed it has been customary to remove that small portion of the fireproofing that would interfere with the attachment of the clip to the "I" beam. While not all wiring would necessitate the installation of such clips, installation of light wiring from the wires that support the suspended ceiling may disturb debris which is present in areas which have had other renovation work done such as the area where the fire wall was constructed or the areas where the installation of electrical boxes required cutting through the asbestos covered decking.

Thank you for allowing me to get a good look at the ACM in AMIS areas of Allegheny Center. The bulk samples which were collected are now being analyzed and you will receive a copy of the results. According to the EPA, asbestos does not pose a significant danger to building occupants so long as it not disturbed, however now that the survey from Schneider Engineering is available, it is recommended that you establish some policies for dealing with the presence of asbestos in the AMIS facility.

1. All maintenance persons, contractors and anyone else who may have access to ACM in the AMIS occupied areas of 2 Allegheny center should be informed of the presence of asbestos.

2. ACM removal work should be done with the knowledge and approval of the building owner as specified in Alcoa's lease agreement.

3. All ACM removal work must be done in compliance with all applicable federal, state and local regulations. Allegheny County rules require notification under subsection 1001.08 even for removal of small quantities of friable asbestos containing material (FACM). This is more stringent than the EPA NESHAPS notification requirement. While Allegheny Co. regulations wouldn't require removal of small amounts of asbestos (< 40 meters or < 7.5 sq. meters) to be done by licensed asbestos

removal contractors, it would be prudent to go ahead ask Procurement to help you identify a reputable local asbestos contractor who has trained and properly equipped people to do this work. The type of small jobs to which I am referring include removal of small amounts of fireproofing from I beams to install clips and other similar operations done as part of running wires above the suspended ceiling.

4. Purchase a HEPA vacuum to use for clean-up of ceiling tiles where there is evidence of dislodged asbestos fireproofing in conjunction with any work above the dropped ceiling. HEPA (High Efficiency Particulate Absolute) vacuums are available from several manufacturers:

Nilfisk of America, Inc.
300 Technology Drive
Malvern, PA 19355 (215)647-6420

Euroclean
1186 Stratfield Road
Fairfield, CT 06432 (203)336-5432

Hako Minuteman, Inc.
111 South Route 53
Addison, IL 60101 (312)627-6900

These are undoubtedly other manufacturers of HEPA vacuums and I will try to pick up some literature for you at the Industrial Hygiene Conference.

When you have scheduled electrical work above the dropped ceiling, please contact me so that some personal exposure sampling can be conducted. If you have additional questions concerning the ACM in AMIS please feel free to consult with me or any other industrial hygienist in the Pittsburgh office.

Laura Rippey

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cc: R.M. James,Pgh. 6
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