

CONFERENCE REPORT

At: Chem Plant Conference Room

Date: 4-29-76

Organization

Street

City

Personnel	Title
Bill Hanlon	Gen. Adm - Zonolite
Fred Eaton	Engr. - Zonolite
Sandy Mangino	Plt. Mgr - Zonolite
Harry Dixon	Sales - Zonolite
Ron Wietelmann	
Tom Trout	
Sarge Chamberlain	
Jack Pozenel	
John Kennedy	
Dick Gruenbaum ✓	
Gary Higinbotham	

RE: Vermiculite Dust Control
& Expanders Operation

This meeting was held to review Scotts vermiculite asbestos fiber situation and to discuss with the Zonolite personnel what actions they have taken and what they foresee in the future regarding fiber control and regulatory actions.

1. Fibers in ore and expanded material.

2. Manufacturing responsible for fiber and dust control.

3. Zonolite - Eaton comments.

   a. Housekeeping ery important, maintenance.

   b. Spent little money in changing dust control.

   c. Rock dust control important - wet it down and controlled problem.

   d. Time weighed at Chicago plant after cleanup.
      Bagger = 0.75 fibers/cc
      Bagger = 0.29 fibers/cc
      Bagger = 0.17 fibers/cc
      Fork Truck = 0.3 fibers/cc
      Fire Prot Prod = 0.11 fibers/cc

   e. More tremolite found in large ores (#1) than in smaller ores (#4).

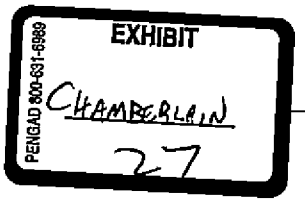
   f. Stoner very high emitter of dust - must be tight.

   g. Eight feed pipes high emitter of dust - must be tight.

   h. Sand off stoner at 15% fibers. Zonolite not getting high readings from sand handling, use water to settle sand dust. Fogger, 1-7N spraying system.

   i. Tests suggest using lots of exhaust to dilute readings.

   j. Zonolite took before startup readings, about two days reduced fiber count from about 6 to 2 fibers/cc.



k. Indicate fines from baghouse would have high fiber count.

l. Spillage in warehouse - found to be high source of fibers for Zonolite.

m. Zonolite finds less than 0.5% fibers in vermiculite product.

n. Zonolite suggested Scotts close up top of sand hopper.

o. Zonolite at Chicago utilize about one man per shift for cleanup around three expanders and blender, packer and warehouse.

p. Zonolite has redesigned stoner hood. Use false header to distribute air around outside.

4. Expander capacity at 110 bags per hour with modified burner - about 25% increase.

   a. All this amounts to is putting more fuel thru burner - about 2.2MM BTU per hour.

5. Rail Car Unloading

   a. Hydraulic seal around bottom of rail car

6. Natural ventilation dilutes count - good.

7. Zonolite has filed petition that Tremolite is not asbestos with OSHA. OSHA does not recognize difference at this time. Regulation may be changed (hopeful).

8. Zonolite does not believe 0.5 fibers limit will be initiated-they believe 1.0 as compromise is more likely.