

H. A. SEMKEN

ROCKDALE WORKS

October 3, 1968

~~MR. H. P. CHIRICO~~

~~ROCKDALE WORKS~~

Copy to: Dr. L. V. Cralley, Pittsburgh

CONFIDENTIAL

RE: INDUSTRIAL HYGIENE COMMITTEE MEETING

The Industrial Hygiene Committee met on September/25 with the following present: H. A. Semken, J. H. Greene, R. E. Freeman, H. D. Franklin, B. M. Starner, and A. E. Menke.

Occupational Exposure Cases: None were reported to the First Aid during July and August.

F Level: The fluoride content of vegetation within a 2 - 3 mile radius of the Plant averaged 12 ppm in June and 6 ppm in July. Rainfall in the above months amounted to 8.58 and 3.84 inches respectively.

Petition For Variance: A Petition for Variance from the application of Regulation No. 1 of the Texas Air Control Board to the emissions of our lignite dryer stack was submitted to the Executive Secretary of the Board on August 19. Favorable responses, recommending that the Petition for Variance be granted, have been sent to the Secretary by the Mayor of Rockdale and the Acting Director of the Milam County Health Department. The Board will consider the request at its next meeting, scheduled for the early part of October.

Scrubber System: Third quarter sampling and analytical work is complete.

Wire replacement in Western CMP units is 2/3 complete. Completion is anticipated in the fourth quarter.

The program of following up Process Engineering measurements with corrective action by maintenance personnel is being strengthened.

Engineering of a modified version of the improved pot hood is under way. Construction and testing is planned for the fourth quarter.

Ambient Air--Suspended Particulate Matter: On August 23, air samples were taken at 3.6 miles, bearing 15° and at 3.1 miles, bearing 187°. During sampling, the wind averaged 7 mph from bearing 135-225°. The downwind sample averaged 52.1 micrograms/M³ and the upwind sample 54.3 micrograms/M³. On August 27, samples were taken at 1.1 miles, bearing 270° and at 1.3 miles, bearing 90°. During sampling, the wind averaged 7 mph from bearing 45-90°. The downwind sample averaged 80.3 micrograms/M³ and the upwind sample 53.9 micrograms/M³. Plant operating conditions were normal during both sampling periods.

PLAINTIFF'S
EXHIBIT

AL-376

ARCH 18768

Potroom Atmosphere: The Union has entered a grievance contending that gas fumes and dust in the potrooms are hazardous to the health of the employees and that the Company should take steps to correct these conditions both on the floor and in the cranes in the potrooms.

Dryer Stack Clean-up: Operating characteristics of the dry bed filter were checked using undried lignite as a filter media. Prevention of water condensation is the problem with the contacting of high moisture gas and wet lignite. Work will be concentrated in this area to attempt to solve this problem. Operation of a filter of such design depends on a continuous dry bed. Other filter media will also be tested if necessary.

H. A. SEMKEN

HAS:S

File copy routed to: G. W. Hutton
H. A. Bower
R. E. Freeman
B. M. Sterner
A. E. Menke
H. D. Franklin
J. H. Greene