

FROM J. J. CONGLETON
E. B. PARKER
ROCKDALE WORKS

TO MEMORANDUM

T. B. Bonney - Pittsburgh
SEP 16 1977

77-09-16

called Congleton + asked him to suggest a time for a return visit. It should be when there is tangible evidence of progress
7/15

1977-09-07

RE: SAFETY AND HEALTH REVIEW - 1977 AUGUST 17 AND 18

Special meetings of the Rockdale Works Safety and Health Committee were held on August 17 and 18 in conjunction with a visit to the plant by Mr. T. B. Bonney, Alcoa's Corporate Manager of Industrial Hygiene, Dr. B. D. Dinman, Corporate Medical Director and Mr. Marco Vestich, Assistant Director, Safety and Health Department, United Steelworkers of America. The visit was a consequence of labor negotiations in Miami, Florida, earlier in the year and was concerned primarily with environmental conditions in the Rockdale Potrooms and Carbon Plant.

The first meeting was held at 8:30 a.m. on August 17, and was attended by Messrs. T. B. Bonney, H. W. Brooks, J. J. Congleton, B. D. Dinman, M.D., W. D. Essary, E. J. Gaas, E. R. Goltra, M.D., J. W. Havins, W. G. Henson, I. G. Korenek, C. E. Magee, D. D. McGregor, H. N. Mueller, E. B. Parker, Marco Vestich, and Thomas Williams.

After introductory remarks defining the scope of the meeting, problems in the Carbon Plant and Potroom areas were discussed. The discussions included descriptions of projects underway or planned to correct problem areas. Specifically included were explanations of the A-446 regenerator and reactor dust control projects, the Catco ventilation system being studied for application in the potroom crane cabs, work underway to reduce spillage and dust during ore bucket filling, and work underway to improve the performance of the Carbon Plant precipitator and the total Carbon Plant dust control system. A number of other problem areas were pointed out and were included on a project list which is attached. This list enumerates these problems but does not attempt to establish action priorities. This will be done jointly by members of the Rockdale Works Safety and Health Committee in the near future.

Following the meeting, the group toured those areas of the plant which had been discussed. These included the carbon baking furnace areas, the A-446 regenerator area, carbon cleaning machine area, the ore shed, the east center and west passageway lunch and restrooms, the bath crusher and Courtyard 19 (East), one of the locker rooms (Building 49), the machine shop and the south end of the Ingot Plant. The tour ended the first day's plant activity.

At 8:30 the next morning, the group reconvened for a wrap-up session. Rather than discuss details, the group addressed itself to the task of developing a joint management strategy to cope with all problems. It was stressed that neither Management nor Union alone can hope to solve the problems. Progress will only come through a joint effort aimed at identifying specific

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PLAINTIFF'S
EXHIBIT

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problems through analysis of facts, establishing priorities for action and developing a schedule for accomplishing the work required. The attached list is our first effort to do this.

Mr. Vestich indicated he would like to return to Rockdale in 60-90 days for another look. Neither he nor any participants indicated that they expected overnite improvements in all areas. What is expected is evidence of progress.

J. J. CONGLETON

E. B. PARKER

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Attachment

Copies to:
Safety & Health Committee
Department Heads

Informational Copies to:
Bulletin Boards
F. P. Bergeron
W. J. Davis
Carolyn Curtis
T. L. Stuller
H. N. Mueller
B. D. Dinman, M.D., Pittsburgh
J. R. Archibald, "
T. B. Bonney, "
Marco Vestich, United Steelworkers of America

<u>Problem</u>	<u>Date Initialed</u>	<u>Persons Asssigned</u>	<u>Action</u>	<u>Target Date on Action</u>
Pitch burns from dust leaks in A-446 regenerators.	1976-12-21	G. Johnson	\$130,000 authorized for regenerator improvement. Design complete. Material on order for one regenerator for trial.	1st Unit 4th Qtr. '77 2nd & 3rd Units 4th Qtr. '78
Inadequate clean-up of unregenerated alumina from A-446 units and regenerators - Courtyards 58, 60, 62.	1977-06-01	N. Mueller J. Havins	A. Evaluate ice cream cart tennant sweeper. B. Safety and Health Sub-Committee assigned to develop system for handling waste material.	1977-09-08 1977-09-22
Bag changers exposed to unregenerated ore when working in A-446 reactors.	1976-08-01	E. Goltra N. Mueller N. Mueller B. Parker J. Congleton Tom Bonney J. Congleton B. Parker E. Goltra	A. Evaluate English barrier cream suggested by T. B. Bonney. B. Order 3 air stream caps. C. Evaluate Caps. D. Research impervious cool suit. E. Provide proper respiratory protection.	1977-09-22 1977-09-01 1977-09-22 1977-09-22 1977-09-22
Pitch fumes from hot packing material placed on green carbon in baking furnace pits.	1977-08-17	J. Havins J. Roddy	Re-evaluate operating procedures.	1977-09-22
Dust from belching of Carbon Plant precipitator.	1976-09-01	W. D. Essary J. Wiley R. Marin B. Parker	Implement Research Cottrell recommendations. Evaluate effectiveness.	1977-09-22 1977-12-31

<u>Problem</u>	<u>Date Initialed</u>	<u>Persons Assigned</u>	<u>Action</u>	<u>Target Date on Action</u>
Dust leaks from Butt Crusher	1976-01-01	W. D. Essary J. Mitchell W. D. Essary J. Mitchell	A. Short term - improvement maintenance. B. Long term - install new primary butt crusher.	1977-09-22 2nd Qtr. '78
Blowing dust from baked carbon on temporary conveyor.	1977-08-17	W. D. Essary G. Johnson	Improve performance of Carbon Cleaning Machines.	1977-09-22
<u>Dusty Conditions in Potroom</u>	1976-04-01	W. D. Essary	Practice under study.	1977-09-22
A. Blowing off cranes.		W. T. Eckert	Report at next S&H meeting.	
B. Blowing off deck plates.	1977-04-01	J. Havins F. Sutton	Re-establish practices of cleaning deck plates with brooms and shovels. Report at next S&H meeting.	1977-09-22
C. Blowing off superstructures. 1. Out for maintenance. 2. When slipping jacks.	1977-04-01	J. Havins F. Sutton N. Ritchey	Practice under study. Report at next S&H meeting.	1977-09-22
D. Blowing out potshell for patching.	1977-04-01	J. Havins F. Sutton	Practice under study. Report at next S&H Committee meeting.	1977-09-22
	1977-08-17 1977-01-01	J. Havins N. Ritchey	Practice under study. Report at next S&H Committee meeting.	1977-09-22
E. Coke blasting flexible connections.	1977-08-17 1977-01-01	J. Havins N. Ritchey	Practice under study. Report at next S&H Committee meeting.	1977-09-22

Problem	Date Initialed	Persons Assigned	Action	Target Date on Action
F. Ore bucket filling.	1976-06-01	D. Essary B. Hartman	Install covered and vented bucket filling system. A. Line 6. B. Room 4, Line 1. C. Balance of Lines 1-4. D. Improve venting in Lines 7 & 8 system.	1977-12-31 1977-12-31 1979 - 1st Qtr. Needs study
G. Ore bin filling.	1977-08-17 1976-08-01	J. Havins B. Hartman F. Sutton	Practice and equipment under study. Review at next S&H Committee meeting.	1977-09-22
H. Inadequate dust clean-up.	1977-08-17 1977-04-01	J. Havins F. Sutton	Review and modify sweeping schedule as necessary.	1977-09-22
I. Bath crushing and handling.	1977-08-17 1976-06-01	D. Essary	Systems under study. Report at next S&H Committee meeting.	1977-09-22
Escape of fluoride gases from pots.	1975-01-01	J. Havins F. Sutton	A. Improve superstructure side skirt maintenance. B. Repair or replace side and end covers.	
		D. Essary J. Havins F. Sutton		
		J. Havins F. Sutton	C. Maintain and use of 2 volume fume exhaust, Lines 7 & 8.	
		J. Havins N. Ritchey	D. Eliminate leaks in fume duct (transite joints, elbows on T-51 pots).	
		J. Havins F. Sutton	E. Maintain internal fume duct and slots in P-100 pots.	

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<u>Problem</u>	<u>Date Initialed</u>	<u>Persons Assigned</u>	<u>Action</u>	<u>Target Date on Action</u>
Dusting at ore unloading station.	1970-01-01 1970-01-01	J. Fry J. Congleton	A. Investigate standardization of ore cars to facilitate dust control equipment.	1977-09-22
		D. Essary	B. Investigate means of keeping floor hoppers full.	
		D. Essary	C. Investigate enclosing ore shed and operating system remotely.	
		D. Essary	D. Investigate vacuum unloading system.	
Spillage of ore at belt transfer points.	1977-08-17 1976-06-01	D. Essary	Inspect - report findings and recommended corrective action at next S&H meeting.	1977-09-22
Chlorine fumes from Ingot Plant furnace stacks.	1977-08-17 1975-06-01	D. Smith T. Randall	Expedite requalification of R-622 processed ingot. Minimize furnace fluxing.	
Asbestos millboard used in potrooms - potshell shims and siphon gaskets.	1977-08-17 1976-01-01	B. Parker N. Mueller N. Ritchey F. Sutton	Locate substitute and dispose of asbestos millboard in system.	1977-09-22
Restroom and lunchroom	1973-12-28	J. Havins F. Sutton	A. Decision to open or close potroom lunchrooms in east and west passageways.	1977-09-22
		H. Brooks T. Stuller	B. Review and revise as necessary the schedules for janitor service.	1977-09-22

<u>Problem</u>	<u>Date Initialed</u>	<u>Persons Assigned</u>	<u>Action</u>	<u>Target Date on Action</u>
Restroom and lunchroom (Con't)				
		H. Brooks T. Stuller J. Havins F. Sutton	C. Review options for food heating facilities. Report at next S&H Committee meeting.	1977-09-22
Potroom crane cab environment.	1976-01-01	D. Essary S. J. Spell	Investigate use of Catco ventilation system. Visit to a location using this system being arranged for October. Report at September S&H meeting.	1977-09-22
Inadequate number of drinking fountains - Carbon Plant and Potrooms.	1977-08-17	J. Havins J. Roddy F. Sutton	Survey Potrooms and Carbon Plant and the necessary number and proper location of drinking fountains. Report at September S&H meeting.	1977-09-22
Dust leaks in Dense Phase ore transport systems.	1976-01-01	J. Havins N. Ritchey	A. Review operating practices and provide for shutting down system when bad leak develops.	1977-09-22
		D. Essary E. Remaley	B. Provide for more rapid response by Maintenance when leak develops.	1977-09-22
		D. Essary	C. Evaluate installed ceramic elbow sections to reduce wear.	1977-09-22
Dust spillage from trash screens - A-398 day tank systems and 19H tank system.	1976-12-01	D. Essary	Under study by Engineering. Report progress at September S&H Committee meeting.	1977-09-22

Problem	Date Initialed	Persons Assigned	Action	Target Date on Action
Brick saw used dry by Furnco. Silica dust.	1977-08-17	T. Hornuth	Check revealed that bricks are not cut dry. When condition was observed, cardboard was being cut.	Complete 1977-08-18
Need to identify areas of exposure to harmful air contaminants.	1977-04-01	E. R. Goltra B. Parker A. G. Clayton	A. Identify potential problem areas.	1977-09-22
		E. R. Goltra A. G. Clayton B. Parker	B. Institute sampling and testing program to determine magnitude of potential problems. Report at September S&H meeting.	1977-09-22
Hypertension (high blood pressure) among employees.	1977-08-17	E. R. Goltra S&H Committee	S&H Committee to assist in hypertension control program. Report at September S&H Committee meeting.	

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