PLAINTIFF'S EXHIBIT
AL-4



FROM J. J. CONGLETON

ROCKDALE WORKS

TO MEMORANDUM DEC 2 1977

1977-11-28

RE: SAFETY AND HEALTH COMMITTEE MEETING - 1977-10-27

The Rockdale Works Safety and Health Committee met on 1977-10-27 at 2:00 p.m. in Room 138, Building 80. Meeting was adjourned at 4:00 p.m. In attendance were:

J. Havins	W. Henson
W. Essary	H. Dick
E. Goltra, M.D.	T. Williams
J. Congleton	E. Gaas
N. Mueller	F. Black
B. Parker	J. Crowder
H. Brooks	

Attached is the projects update.

The next meeting is scheduled for 1977-12-15 at 2:00 p.m. in Building 80, 138 Conference Room.

J. J. CONGLETON

JJC:ml (sp)

Attachment

Copies to:
Safety & Health Committee
Department Heads

Informational Copies to:
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
Bulletin Boards

ARD 001755

ALCOA

6F-4563 (REV 11-60)

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
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 W. Henson S. Spell	A. Evaluate ice cream cart tennant sweeper. B. Evaluate small supersucker. C. Safety and Health Sub-Committee assigned to develop system for handling waste material.	1977-09-08 (Complete) 1977-10-20 1977-09-22
Bag changers exposed to unregenerated ore when working in A-446 reactors.	1976-08-01	E. Goltra W. Henson N. Mueller N. Mueller J. Congleton W. Henson J. Congleton B. Parker E. Goltra	A. Evaluated English barrier cream suggested by T. B. Bonney and ordered. (Quite effective) B. Order 3 air stream caps (12 more on order). Evaluate Caps. (1) Mixer floor; (2) Skim room; (3) Crane Operators; (4) Sweeper C. Research impervious cool suit. D. Provide proper respiratory protection. (3M 8500 single strap nuisance dust mask discontinued; replaced by 3M 8710 double strap)	1977-09-22 (Complete) 1977-09-01 1977-09-22 1977-12-15 1977-10-20 (Complete)
Pitch fumes from hot packing material placed on green carbon in baking furnace pits.	1977-08-17	J. Havins J. Roddy T. Williams	Re-evaluate operating procedures. A. Lengthen firing cycle when new furnace complete. B. Purchase and receiving of new fluid coke boxes has begun.	 1978-01-01 1978-03-01
Dust from belching of Carbon Plant precipitator.	1976-09-01	W. Essary J. Wiley R. Marin B. Parker T. Williams	Implement Research Cottrell recommendations. Local RFA prepared for $22,000 and material ordered. Evaluate effectiveness.	1977-09-22 1978-01-31

ARD 001756

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
Dust from Butt Crusher area.	1976-01-01	W. Essary J. Mitchell	A. Install new primary butt crusher and relieve load on present unit.	2nd Qtr. '78
		W. Essary J. Mitchell T. Williams	B. Identify other sources of dust in area and develop appropriate remedial action report back at next S&H meeting. (1) Repair holes in duct; (2) Fines tank duct fills up; (3) Not starting dust collector before starting mill.	1977-10-20
Blowing dust from baked carbon on temporary conveyor.	1977-08-17	W. Essary G. Johnson T. Williams	A. Improve performance of Carbon Cleaning Machines. (Still needs work)	1977-09-22
			B. Remove temporary conveyor and blow off.	1977-10-10
Dusty Conditions in Potroom	1976-04-01	W. Essary	Practice under study.	1977-09-22
A. Blowing off cranes.		W. T. Eckert E. Gaas	Try ultra-vac and report at next S&H meeting.	1977-12-15
B. Blowing off deck plates.	1977-04-01	J. Havins F. Sutton E. Gaas	A. Order brooms and shovels.	1977-10-20
			B. Adhere to standard practices of cleaning deck plates with brooms and shovels. End deck plates will be resolved through Dept. S&H Committee.	1977-10-20 1978-01-31
C. Blowing off superstructures. 1. Out for maintenance.	1977-04-01	J. Havins F. Sutton N. Ritchey I. Korenek	Practice under study. Investigate a combination of sweeping, vacuuming and blowing off superstructures. Report at next S&H Meeting. (1) Sweeping off with broom, then blowing off superstructure determined to be best method.	1977-10-20
2. When slipping jacks.	1977-04-01	J. Havins F. Sutton E. Gaas	Use of 30 psi air determined to be best method. Report at next S&H Committee meeting.	1977-10-20

ARD 001757

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
D. Blowing out potshell for patching.	1977-08-17 1977-01-01	J. Havins N. Ritchey I. Korenek	Broom and shovel technique implemented. Report at next S&H Committee meeting.	1977-11-26
E. Coke blasting flexible connections.	1977-08-17 1977-01-01	J. Havins N. Ritchey	Practice under study. (No solution found yet.) Report at next S&H Committee meeting.	1977-12-15
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. Design complete and RFA being routed.	 1977-12-31 1977-01-31 1979 - 1st Qtr. Needs study
G. Ore bin filling.	1977-08-17 1976-08-01 1976-08-01	J. Havins B. Hartman F. Sutton D. Essary	A. Practice and equipment under study. 1. Buckets checked. 2. Improvement noted in not over filling ore bin. Review at next S&H Committee meeting. B. Have design for ore bucket (discharge).	1977-10-27 1977-11-30
H. Inadequate dust clean-up.	1977-08-17 1977-04-01	J. Havins F. Sutton	A. Review and modify sweeping schedule as necessary. B. Tennant Sweeper Operators have been instructed to empty sweeper and shake bags more often.	1977-09-22 1977-11-16
I. Bath crushing and handling.	1977-08-17 1976-06-01	D. Essary	Present system must be maintained until decision is made to rebuild or build new facility. Report at next S&H Committee meeting.	1978-03-01

ARD 001758

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
Escape of fluoride gases from pots.	1975-01-01	B. Parker	Improve audits on weekly fluoride control A. Superstructure audit investigating ways and means of cleaning out fume duct slots on P-100 superstructures now being set. B. Fume duct condition audit-tape and silastic are now available for doing a wholesale job on elbows and transite pipes. Approximately one line has been completed. Work continues. C. A-398 audit appears to have been adequate. D. Side cover and end door placement has been stressed to each unit, shift, and area supervisor. A standard practice concerning same has been written in draft form and will be published by 1977-11-30.	1977-11-30
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. Point Comfort advises at the present time it is impossible to get one size unit.	1977-09-22 (Complete)
Dusting at ore unloading station. (Continued)		D. Essary	B. Investigate means of keeping floor hoppers full.	1977-10-20
		J. Congleton	C. Evaluate design of lean-to obtained from Point Comfort to place against rail car.	1977-10-20
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.	1977-10-20

ARD 001759

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
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. R-622 units installed on No. 3 DC. R-622 unit will be installed 1977-11-30 on No. 2 DC. There are no plans to put an R-622 on No. 1 DC and furnace fluxing will continue on magnesium alloys.	1977-11-30
Asbestos millboard used in potrooms'- potshell shims and siphon gaskets.	1977-08-17 1976-01-01	B. Parker N. Mueller N. Ritchey F. Sutton	A. Asbestos shims will no longer be necessary because all future stalls will be re-grouted to proper elevation. B. A substitute material for siphon gaskets will be decided on by 1977-12-15 and ordered.	1977-12-01 1977-12-15
Restroom and lunchroom	1973-12-28	J. Havins F. Sutton	A. Decision to open or close potroom lunchrooms in east and west passageways.	1977-12-15
		H. Brooks T. Stuller	B. Review and revise as necessary the schedules for janitor service and obtain mobile equipment.	1977-12-15
		H. Brooks T. Stuller J. Havins F. Sutton	C. Review options for food heating facilities. Report at next S&H Committee meeting.	1977-12-15
Potroom crane cab environment.	1976-01-01	D. Essary S. Spell	Investigate use of Catco ventilation system. Visit to a location using this system being arranged for October. Report at next S&H meeting.	1977-12-15

ARD 001760

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
Inadequate number of drinking fountains - Carbon Plant	1977-08-17	J. Havins J. Roddy T. Williams	Report at next S&H meeting when the water piping in Bldg. 62, 58, 60 courtyard will be replaced and when will the water cooler be installed in Bldg. 60.	1977-12-15
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.	1977-10-27
		D. Essary	B. Evaluate installed ceramic elbow sections to reduce wear.	1977-12-15
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 next S&H Committee meeting. Design one rotary screen.	1977-11-30
Brick saw used dry by Furnco Silica dust.	1977-08-17	T. Hormuth	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 E. 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

ARD 001761

Problem	Date Initiated	Persons Assigned	Action	Target Date on Action
Hypertension (high blood pressure) among employees.	1977-08-17	E. R. Goltra S&H Commit-	Dr. Goltra assists in hypertension control program through annual physicals of all employees.	Complete
Not enough parking places and excessive speed in parking lot.	1977-10-27	D. Essary	Restripe the parking lot and install speed bumps.	1977-12-15

ml (sp)

ARD 001762