R. L. V. CRALLEY, ~~PITTSBURGH~~

DECEMBER 30, 1963

INDUSTRIAL HYGIENE COMMITTEE
DAVENPORT WORKS

MR. W. F. KNEELAND
DAVENPORT WORKS

CC: Mr. T. B. Bonney, Pittsburgh
Dr. L. V. Cralley, Pittsburgh
Mr. W. C. Harvey, Davenport
Mr. J. H. Lowry, Davenport
Dr. A. W. Shafer, Davenport
Mr. B. D. Kent, Davenport
Mr. Ron Small, Davenport
Mr. G. J. Myers, Davenport
Mr. C. L. Huey, Davenport
Mr. B. T. Evans, Davenport
Mr. J. O. Vanest, Davenport
Mr. G. H. Walter, Davenport

PLAINTIFF'S EXHIBIT
AL-294

C O N F I D E N T I A L

INDUSTRIAL HYGIENE COMMITTEE MEETING

The December meeting of the Industrial Hygiene Committee was held at 12:30 p.m. December 18, 1963 in the small dining room of the main cafeteria. Those in attendance were Messrs. G. J. Myers, Ron Small, Bruce Evans, G. H. Walter, W. C. Harvey, Joe Vanest, B. D. Kent, J. H. Lowry, and Dr. A. W. Shafer.

The sound level meter has been obtained from Mr. Bonney and readings have been taken in the vicinity of the No. 8 casting unit. It had been determined that a hazard might exist because the operator of the casting unit cannot hear if a bleed out occurs. The readings obtained indicated that the problem was at the chip crusher unit. Additional readings will be taken near this unit by our Engineering Department who will also attempt to muffle the noise as much as possible giving some relief to the operator at the No. 8 casting unit. ARD 044170

The ventilator in the remelt skim room is being revised by the Johnson Sheet Metal Company with the completion date estimated for

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the end of this month.

The report of the recent X2020 survey indicated that a hazard still exists at the R181 unit during skimming and the ventilating system and hood will be redesigned as soon as possible.

The committee was informed of the phosphine problem investigated during the past month.

Investigation was made to determine the sulfur dioxide content of the atmosphere in the remelt area. The Chemical Laboratory was unable to detect any amount of SO_2 at this time. Mr. Small will contact the Laboratory when he suspects any appreciable amount present.

During Mr. Bonney's last visit to Davenport Works, he conducted a noise level survey in the area of the No. 5 stand of the continuous mill. The survey indicated that there was a possibility of excessive noise level and our Engineering Department is seeing what can be done to correct this from a mechanical standpoint. Noise level measurements will also be made in the pit area of the coil line.

Noise level measurements have been taken in the vicinity of the No. 5 cold mill and the Engineering Department is redesigning the air knives in an effort to reduce the noise level. Mr. Harvey requested the Engineering Department to survey any areas in the plant where excess noise was suspected while we have the noise level meter at our works.

ARD 044171

The No. 11 trimmer in the cold mill will be surveyed by our Engineering Department as soon as the sound deadening material is installed.

A reducer for the high-pressure air lines has been located that can be used to purge the morgoil cooling tanks during cleaning. Mr. C. L. Huey

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was instructed to provide a write up on an acceptable cleaning procedure to be followed while washing and wiping down morgoil and rolling oil coolant tanks.

A possible carbon monoxide hazard will be investigated by the Chemical Laboratory in the vicinity of the loading docks in the west end of the plant. The IPS supervisor has been requested to contact the Laboratory during some period when all doors are closed and a minimum of two diesel trucks have their motors running.

The Committee appointed during the November meeting to investigate the feasibility of an audiometric program stated that they were not ready at this time to report since additional time, investigation and surveillance was needed to determine necessary equipment and costs and to determine a suitable location for the equipment.

Mr. Myers was requested to investigate the dust problem arising from sawing marinite in the carpenter shop. Mr. Myers also was to investigate the fume and make-up air in Remelt.

The Committee was privileged to listen to a record Mr. Myers had obtained from "Design News" concerning noise issuing from fans and a successful baffling of various noise levels in duct work.

W. C. HARVEY, Chairman
J. H. LOWRY, Secretary

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