INTERORGANIZATION CORRESPONDENCE

TO	FIELD POINT OR DEPT. & BLDG. NO.	DATE YOUR LETTER
E. L. Beeler	Louisville	
FROM	**FIELD POINT OR DEPT. & BLDG. NO.**	**DATE THIS LETTER**
T. S. Bialke	Akron - D/0020, 5-H	1-31-79

SUBJECT

INDUSTRIAL HYGIENE SURVEY - LOUISVILLE PLANT
Nov. 27 - Dec. 1, 1978

During the period Nov. 27-Dec. 1, 1978 an industrial hygiene survey was conducted at the Louisville plant. Due to a review of the noise citation, I was unable to spend the entire period on surveying the plant. I did, however, a walk-through of each building.

The plant's physical examination requirements are being met. The vinyl chloride program and acrylonitrile sampling program are progressing well.

More data is needed on potential employee exposure to lead, acrylates and ammonia.

I would like to thank Messrs. Beeler and Anderson and the Louisville plant for their assistance in completing my survey and I will be working with them in the future.

T. S. Bialke

T. S. Bialke
Industrial Hygienist

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BFGoodrich **INTER-ORGANIZATION CORRESPONDENCE**

TO	FIELD POINT OR DEPT. & BLDG. NO.	DATE YOUR LETTER
T. S. Bialke	Akron - D/0020, 5-H	May 12, 1981
FROM	FIELD POINT OR DEPT. & BLDG. NO.	DATE THIS LETTER
A. D. Simpson	Louisville	August 31, 1981

SEP 03 1981

SUBJECT

LOUISVILLE FACILITY RESPONSE TO 1980 INDUSTRIAL HYGIENE SURVEY RECOMMENDATIONS

Presented below is the status of the Louisville facility with respect to the eight recommendations which were made following this facility's 1981 Industrial Hygiene Survey.

Item 1: a. Move intake for plant breathing air to an area less contaminated with VCL and other organics.

b. Install a filtration system to remove organic vapors at the breathing air compressor. Following the bed, install a THA to monitor for breakthrough of organics.

Responsibility: Facility's Breathing Air Task Force

Status: The above concerns are addressed in engineering design job P-506S. Specifically, this capital project calls for extension of the air intake 15 to 20 feet to the southwest, installation of a carbon filter on the inlet of the breathing air compressor, and provision for a THA to monitor the contaminant level in the air after the filter. The AR packet is currently circulating for signatures within the Louisville plant.

Item 2: Establish a procedure for notifying the Louisville Environmental people of any changes in processes that may have impact upon the work environment so that the potential effect can be evaluated before the change occurs.

Responsibility: W. Yesowitch, A. Simpson, F. Girardi

Status: There are several existing mechanisms by which the above notification is achieved. Primarily, under the Internal Environmental Assessment program, all AR's and GPO's must be reviewed by the Environmental Department before they are circulated for approvals. These generally would cover any significant equipment or process changes. In addition, the Environmental Group is afforded the opportunity to review Standard Operating Procedures as they are updated. It is our feeling that these established procedures should adequately provide for proper notification.

Item 3: Check operator exposure to ammonia (NH_3) fumes in the refrigeration building at least twice weekly in the next three months and again in the winter months. If levels are found to be consistently at or above 15 ppm, the refrigeration building ventilation system will have to be modified to provide for fresh air at the operator's work station.

Responsibility: C. H. Horrell, P. N. Bradford

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Status: *Eighteen static samples were taken using Drager tubes during June, 1981 in Building 115. When analyzed for ammonia concentration, the results from these averaged 8.9 ppm with a maximum of 22 ppm. Static sampling was discontinued during July while the possibility of employing monitoring badges to actually measure employee exposure levels to NH_3 was being explored. It was decided that these badges could be analyzed with existing laboratory equipment. The badges are currently on order. As discussed in our phone conversation earlier this month, a total of ten (10) badge samples will be taken.*

Item 4: *Develop an inventory of chemical and physical hazards to which employees working in each job class would be routinely exposed.*

Responsibility: *A. D. Simpson, C. H. Horrell*

I saw somewhere else that 100 # was suggested. Any problem with that for a start?

Status: *Work will begin immediately to compile a list of chemicals used in each production area in a quantity exceeding 500 pounds per month. Once this is completed, a member of this department will work closely with appropriate production personnel to determine which job classes are routinely exposed to the individual chemicals listed for each area. This information will be provided to T. S. Bialke as it is generated.*

Item 5: *Envelop the 9" A-line spare cuber strip blow-off in a sound enclosure; ensure that the opening through which the strip passes into the cuber room is properly shielded.*

Responsibility: *W. C. Fultz*

Status: *This area has been provided with a Koroclear enclosure. Noise levels have been significantly reduced (instantaneous sound level measurements range from 86 to 89 dBA when equipment is running).*

Item 6: *Completely enclose the 4" line strip blow-off within a sound barrier.*

Responsibility: *W. C. Fultz*

Status: *The 4" line is currently shut down and will remain so at least through 1982. This item will be addressed should the line be used for production in the future.*

Item 7: *Review Standard Operating Procedures in Building 1 to determine if they are being properly followed as they relate to VCL exposure control.*

Responsibility: *R. J. Grahek*

Status: *This review has taken place and changes have been made to ensure that certain procedures are properly followed. The personnel monitoring for recent months favorably reflect this review in that the average for samples taken during June and July was 0.49 ppm as compared to that for samples taken the first four months of 1981, which was 0.97 ppm VCM.*

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Item 8: *Review Standard Operating Procedures in Building 131 to determine if they are being followed as they relate to the prevention of AN exposure.*

Responsibility: *C. B. Mischler, P. A. Wagner*

Status: *Standard Operating Procedures for Building 131 were reviewed as requested with the finding that they were being satisfactorily followed. In addition, the need for wearing respirators while performing certain tasks has been emphasized in area safety meetings and signs stating this need have been placed in strategic locations in the building.*

The status of the incomplete items listed herein will be reported in follow-up letters as progress is made. Please address any questions that might arise to me or Charlie Horrell.

Alice Simpson

Alice Simpson

kaj

cc: *E. L. Beeler/H. E. Barrett/W. Yesowitch/C. H. Horrell*
C. M. Fischer/A. Brightwell/P. N. Bradford
W. C. Fultz/R. E. Tarlton
R. J. Grahek/L. A. Grady/J. W. Robben/D. L. Humphrey
W. C. Holbrook
G. R. Pruitt/M. D. Schrader/A. S. Flynn
P. A. Wagner/C. B. Mischler
H. Waltemate

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