

INTER-ORGANIZATION CORRESPONDENCE

|         |               |                                  |                  |
|---------|---------------|----------------------------------|------------------|
| TO      | Mike Guyer    | FIELD POINT OR DEPT. & BLDG. NO. | DATE YOUR LETTER |
| FROM    | Scott Johnson | FIELD POINT OR DEPT. & BLDG. NO. | DATE THIS LETTER |
| SUBJECT |               |                                  | July 28, 1994    |

SECOND QUARTER 1994 INDUSTRIAL HYGIENE SUMMARY-GEON PLANT

Henry Plant personnel monitoring results for April through June of 1994 are summarized as follows:

I. NOISE (Geon Exposure Limit=50% dose)  
(OSHA PEL = 100% dose)

NOISE EXPOSURE BY AREA

| <u>AREA</u>      | <u>JOB CLASS</u>        | <u>NO. OF MONITORINGS</u> | <u>NO. OF MONITORINGS &gt;50%/&gt;100%</u> | <u>EXPOSURE AVERAGE (%DOSE)</u> | <u>MAXIMUM EXPOSURE (% DOSE)</u> |
|------------------|-------------------------|---------------------------|--------------------------------------------|---------------------------------|----------------------------------|
| Dryer Bldg.(732) | PVC Bagger              | 9                         | 1/6                                        | 107.2                           | 164.0                            |
|                  | Dryer Operator          | 3                         | 0/3                                        | 196.8                           | 240.8                            |
| Poly. Bldg.(731) | Foreman                 | 1                         | 0/0                                        | 34.4                            | 34.4                             |
|                  | Paste/Losope Chrg.oper. | 2                         | 0/1                                        | 93.8                            | 115.5                            |
|                  | Pearl Chrg. Oper.       | 1                         | 0/0                                        | 35.8                            | 35.8                             |
| Compounding(741) | Packager                | 1                         | 0/0                                        | 55.9                            | 55.9                             |
|                  | Henschel Oper.          | 2                         | 0/1                                        | 95.2                            | 121.6                            |
|                  | Laboratory Oper.        | 2                         | 0/0                                        | 17.8                            | 34.3                             |
|                  | Mill Oper.              | 2                         | 0/1                                        | 135.2                           | 208.9                            |
|                  | Relief Oper.            | 4                         | 0/4                                        | 138.7                           | 195.2                            |

NGC 14713

II. VINYL CHLORIDE (OSHA PEL = 1PPM, 8-HR TWA)

During the Second Quarter of 1994 there were 19 monitorings completed for vinyl chloride exposure (5 poly/14 dryer). Of the total monitorings, two (2) exceeded 1 ppm and 11 (58%) were below 0.5 ppm. These exposures are summarized below.

VINYL CHLORIDE EXPOSURE BY JOB CLASSIFICATION

| <u>JOB CLASS</u>        | <u>NO. OF<br/>MONITORINGS</u> | <u>NO.<br/>ABOVE 1 PPM</u> | <u>AVERAGE<br/>EXPOSURE (PPM)</u> | <u>MAXIMUM<br/>EXPOSURE (PPM)</u> |
|-------------------------|-------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| Resin Reclaim oper.     | 3                             | 1*                         | 0.84                              | 1.20                              |
| Dryer operator          | 1                             | 0                          | 0.63                              | 0.63                              |
| Paste/Losope Charge     | 3                             | 1*                         | 0.80                              | 1.30                              |
| PVC Bagger              | 9                             | 0                          | 0.32                              | 0.44                              |
| Poly/Dryer Leaderman    | 1                             | 0                          | 0.56                              | 0.56                              |
| HRC Poly Cleaner/Helper | 1                             | 0                          | 0.83                              | 0.83                              |
| Catalyst Make-up Man    | 1                             | 0                          | 0.15                              | 0.15                              |

\* operator was wearing a respirator

III. MEDICAL SURVEILLANCE SUMMARY

Total number of Examinations- 22  
Number of examinations which showed;

a. Hearing loss- 0

Please call me at 9408 if you have any questions on this information.



Scott Johnson

SJ/sm/9400

cc: R.D.Moore  
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S&E Operator (1)

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