

OCTOBER 24, 1991 *to file*

TO: A. J. PLAYTIS, WASHINGTON WORKS - *Tony should do file*
 M. G. McCLUSKY, WASHINGTON WORKS
 R. J. ZIFFEL, WASHINGTON WORKS

FROM: W. P. ANDERSON, JR. *WPA*

C-8 WORKPLACE EXPOSURE EVALUATION

I have analyzed the air monitoring data, supplied by Mike McClusky for ten job assignments at Washington Works, using LOGAN where appropriate. None of the 82 personal samples taken were above the 0.59 moles/billion exposure limit* (0.01 mg/m³).

Three of the ten assignments require at least one more sample to assure that we are meeting our corporate objective of a maximum risk of exposure above the Exposure Limit (AEL) of 5%. These are:

- FEP Polykettle Operator (PERS 18PA)
- "Teflon" Polykettle Operator (PERS 08PF)
- Polydispersion Operator (PERS 08PH)

The other seven assignments meet this criteria. They are listed below with recommended resampling schedule to assure continued compliance.

<u>ASSIGNMENT</u>	<u>CODE</u>	<u>SAMPLE FREQUENCY</u>
1) Copolymer Pack-Out	PERS 18PD	One control/year
2) Warehouse & Materials Handler	PERS 08PD	No further sampling required
3) "Teflon" Autoclave Operator	PERS 08PE	One control/year
4) Copolymer Extrusion Operator	PERS 18PB	No further sampling required
5) FEP Wet Finishing Operator	PERS 18PC	No further sampling required
6) Environmental Control Operator	PERS 08PI	One control/year
7) C-8 Drier Recovery Operator	PERS 08PM	No further sampling required

The test data are attached.

*The plant is apparently operating with a limit of 0.56 ppb versus the AEL of 0.01 mg/m³. According to my calculation using 414 as the molecular weight for C-8, the limit should be 0.59. Tony Playtis by copy of this letter should check to confirm.



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