

AR 226 - 3433

6pp

37

RECYCLED

000370

AR 226-3433

PERSONAL AND CONFIDENTIALORGANIC FLUORIDES IN BLOOD SAMPLES

<u>NAME</u>	<u>P.R. NO.</u>	<u>ZONE</u>	<u>ORGANIC FLUORIDE PPM</u>	<u>COMMENTS</u>
<u>GRANULAR OPERATORS</u>				
<u>Polymerization</u>				
[REDACTED]	501	6	0.47	8/60-6/71, 12/72 to present
[REDACTED]	3520	6	2.33	Exposure since 1968, granular polymerization since 2/74.
[REDACTED]	598	6F	0.52	Special job. Relief on granular polymerization about 1 day/week 2/69 to present.
[REDACTED]	3097	6	3.54	F.P. P.O. 8/62 to 3/69, FEP polymerization 8/69 to 7/70, polymerization 12/71 to present
[REDACTED]	380	6	5.61	12/72 to present, others jobs since 5/55
[REDACTED]	3120	6	3.91	9/71 to present.
[REDACTED]	3417	6	6.84	FP, P.O. 9/65 to 12/72, polymerization 9/73 to present
[REDACTED]	3278	6	2.23	3/76 to present.
<u>Finishing</u>				
[REDACTED]	3720	4	2.06	Disp. P.O. 9/71 to 7/72, details to polymerization 5/76 to present.
[REDACTED]	4335	4	0.69	Detailed to polymerization 65 days in past 5 months.
[REDACTED]	4278	4	0.72	Detailed to granular polymerization 8 of last 10 weeks as of 9/13/79.

FINE POWDER/DISPERSION
OPERATORPolymerization

[REDACTED]	4214	6	4.39	F.P. Dryers and Disp. P.O. 9/76 to 4/79, Polymerization 4/79 to present.
[REDACTED]	1484	6(22:17)	21.22	Service operator jobs 6/56 to 6/60, polymerization since 2/63.

() Previous blood samples taken in June.

Redacted - Privacy

000371

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
<u>Polymerization (Cont.)</u>				
[REDACTED]	3352	6	0.17	8/76 to present.
[REDACTED]	953	6	(9.53) 8.25	4/62 to present, others job previous 6 years.
[REDACTED]	3522	6	1.52	F.P. P.O. and Dryer 6/66 to 3/72, polymerization 2/74 to present.
[REDACTED]	1482	6F	0.59	3/63 to present, except monomer operator 10/77-4/79.
[REDACTED]	426	6	20.81	1960 to present.
[REDACTED]	1508	6F	$\bar{Y} = 9.63$ (10.56) 8.70	11/75 to present.
[REDACTED]	943	6	$\bar{Y} = 14.4$ (15.02) 13.75	4/62 to present. Service operator jobs previous 4 years.
[REDACTED]	3564	6	1.60	11/75 to present.
[REDACTED]	3994	6	3.55	3/76 to 8/78 F.P. dryer, polymer- ization 8/78 to present.
[REDACTED]	1951	6	5.90	5/65 to present, service operator jobs additional 5 years.
[REDACTED]	4146	6	0.38	3/79 to present.
[REDACTED]	3485	6	6.91	4/77 to present, FEP service operator 2/75 to 4/77
[REDACTED]	3854	6	16.89	F.P. dryer 10/75 to 4/77, polymer- ization 8/78 to present.
[REDACTED]	3568	6	0.98	F.P. dryer and P.O. 2/75-5/76, some granular polymerization. F.P./disp. polymerization 4/79 to present.
[REDACTED]	3987	6	3.81	Service operator jobs 9/72-11/77. Polymerization 11/77 to present.
[REDACTED]	3424	6	3.23	8/76 to present

() Previous blood samples taken in June.

0-1	4
1-5	5
5-10	4
10-15	1
15-20	1
20-25	1

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
<u>Service Operator</u>				
[REDACTED]	3613	4	4.97	F.P. dryer and P.O. 6/66 to 12/69, Polymerization 10/77 to 10/78.
[REDACTED]	4390	4	1.98	F.P. Dryer since 11/78.
[REDACTED]	4153	4	4.84	F.P. Dryer and Disp. P.O. 9/76 to present.
[REDACTED]	1591	4F	2.24	Service Operator jobs 5/57 to present.
[REDACTED] *	4300	4	1.03	
[REDACTED] *	4111	4	2.92	12/78 to present F.P. Dryer, detailed to polymerization.
[REDACTED]	4452	4	0.50	3/79 to present all 3 jobs.
[REDACTED]	4216	4	1.04	
[REDACTED] *	4331	4	1.80	F.P. packout.
[REDACTED]	1498	4	2.97	F.P. Dryer 12 years, F.P. P.O. 8 years, other 3 years.
[REDACTED]	3490	4	3.89	12/72 to present F.P. Dryer and P.O.
[REDACTED]	4266	4	2.30	1/79 to present Disp. and Polymerization.
[REDACTED] *	4299	4	1.78	F.P. packout.
[REDACTED]	4202	4	1.81	F.P. P.O. 11/76 to present, Details to polymerization.
<u>MONOMER OPERATORS</u>				
[REDACTED]	370	7	0.35	
[REDACTED]	432	7	0.39	
[REDACTED]	932	7	0.08	
[REDACTED]	858	6E	0.54	
[REDACTED]	1447	7	0.17	
[REDACTED]	625	7	0.37	
[REDACTED]	864	7	0.52	

0-1 8
1-5 13

10 1/5-17

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
<u>FEP OPERATORS</u>				
<u>Polymerization</u>				
[REDACTED]	1743	6 (1.36)	0.99	1976 to present. Additional exposure in homopolymers
[REDACTED]	707	6F	1.72	1976 to present. Additional exposure in homopolymers
[REDACTED]	3223	6	2.71	Disp. 1964-1971; polymerization 1976 to present.
[REDACTED]	1920	6	0.91	1976 to present.
[REDACTED]	1510	6	2.10	1976 to present.
[REDACTED]	1572	6	4.64	Disp. 10/60-11/63; polymerization 1976 to present.
[REDACTED]	1978	6	3.70	1976 to present. Additional exposure to homopolymers
[REDACTED]	1761	6 (3.61)	1.99	1976 to present.
[REDACTED]	1928	6	1.95	1976 to present.
[REDACTED]	1619	6	1.47	1976 to present.
[REDACTED]	1744	6	4.96	1976 to present. Additional exposure in homopolymers.
[REDACTED]	1426	6	4.52	10/77 to present. Additional exposure in homopolymers.
[REDACTED]	889	6	4.14	12/76 to present. Additional exposure in homopolymers.

Dispersion

[REDACTED]

4329	4	1.31	6/78 to present.
------	---	------	------------------

RESEARCH

Research Chemists

[REDACTED]

W/S	0.43
W/S	0.45

() Previous blood samples taken in June.

1-1 3
1-5 13
5-0
1-0
1-0

NAME	P.R. NO.	ZONE	ORGANIC FLUORIDE PPM	COMMENTS
<u>Semiworks Laboratorians</u>				
[REDACTED]	870	6	0.44	5/70 to present.
[REDACTED]	3793	6	1.50	8/77 to present. Finishing operator 9/68 to 11/69, service operator 5/72 to 12/72, homopoly service operator 12/72 to 1/74, 8/75 to 11/7
[REDACTED]	3904	6F	0.24	4/77 to present.
[REDACTED]	911	6	0.70	2/75 to present.
[REDACTED]	560	6 (0.46)	0.26	4/77 to present.
[REDACTED]	3133	6	0.30	7/69 to 10/72, 5/79 to present.
[REDACTED]	3690	6F	0.24	8/77 to present. Service operator 2/75 to 9/75.
[REDACTED]	1592	6 (0.72)	0.59	10/72 to present. Teflon exposure 9/59-4/62, service operator 3/63-2/6

MONOMER OPERATORS WITH
FAST FINE POWDER/DISP.
POLYMERIZATION EXPOSURE

[REDACTED]	939	7	6.66	Polymerization 1/62 to 10/78 Monomer operator 11 months.
[REDACTED]	3044	7	5.29	Exposure 5/62 to 5/77. Monomer operator 28 months.
[REDACTED]	1633	7	5.64	Exposure 9/62 to 11/77. Monomer operator 22 months.

$\bar{x} = 5.86$

FOREMAN VOLUNTEER

[REDACTED]	W/S		0.69	Various jobs with C-8 10/56 to 3/63. Monomer operator 3/63 to 2/69. Foreman 2/69 to present.
------------	-----	--	------	--

Total 12

() Previous blood samples taken in June.

JFDoughty:mps
10/10/79

0 - 1 8
1 - 5 1
5 - 12 3
1 - 15
5 - 20