

Interoffice Communication

To J. H. McCulley, Jr.
 From P. L. Fetzer
 Date January 6, 1975
 Subject Summary Update for Shiploading Dosimeter Data.

Attached is an update of the analytical data from the personnel dosimeter testing conducted during ship loading for the year 1974. The last summary letter was issued November 13, 1974.

P. L. Fetzer

P. L. Fetzer

bc

CC: JAD, CEG

For yr. 1974

PERSONNEL DOSIMETER
SUMMARY OF SHIP MONITORING DATA

<u>DATE</u>	<u>HOSE CONNECTION AND FLANGE REMOVAL</u>	<u>HEEL SAMPLING</u>	<u>HYDROQUINONE ADDITION</u>	<u>LOADING OPERATION VENT REC.</u>	<u>DOCK SHACK</u>	<u>FINISH CARGO SPL.</u>	<u>HOSE REMOVAL AND FLANGE INSERTION</u>
4-22-74 Gamma Gas	1.83 1.79	43.5	1.34 6.9	1.2	.21	53.67	301 55.8
5-2-74 Hoegh Shield	6.4 2.8	66.3 1279	21.2 1.44	.23 .74	.5 .5 .25 .11 3.3	97.6	5.25
5-30,31-74 Alpha Gas	.79 .98 .85	1.91 2.38	.44 1.48 1.48	1.18 .96 .67	.25 1.54	26.4 114.8	6.83 4.27 15.82
6-13,14-74 Hoegh Shield	.48 73.46 55.21 28.84	3.67 .9 10.81	1.98 3.13		.18 .05 .69 9.47 14.81 7.87 8.28 12.58 14.90 4.34 11.55 9.01	7.75	2.39 1.11 4.11
6-22-23 Irene	3.03	69.11	10.71		6.43 3.30 1.80	5.55	5.73 7.43

VVC 000019432

<u>DATE</u>	<u>HOSE CONNECTION AND FLANGE REMOVAL</u>	<u>HEEL SAMPLING</u>	<u>HYDROQUINONE ADDITION</u>	<u>LOADING OPERATION</u>		<u>FINISH CARGO SPL.</u>	<u>HOSE REMOVAL AND FLANGE INSERTION</u>
				<u>VENT REC.</u>	<u>DOCK SHACK</u>		
7-14-15-74 Niels	.33 192	7.75		7.49			2.55
7-23,24-74 Hoegh Shield	.79	1.24	8.03	3.42 13.56 34.65	.32 3.66 .33	6.05	7.59
7-28,29-74 Niels	1.80 .18	38.46	.21	39.89 32.44	5.64 1.56	42.25	
8-9,10-74 Thor Heyerdahl	.24 4.32	9.02	5.41	1.14 2.93	2.06 7.55	45.72	6.00
8-25,26,28,29 Irene	.41	1.62	3.11		.25 .13 52.53 .54 15.02 1.42 .02 1.64 2.85	28.77	21.12
9-11,12 Gamma Gas	3.75 28.64	56.99	0.99		.29 0.0	3.85	326.77
9-22,23 Gamma Gas	5.66	33.3	0.04	5.31 3.52 5.58	0.04 0.06 0.07 0.03	7.18	2.07

VVC 000019433

PERSONNEL DOSIMETER
SUMMARY OF SHIP MONITORING DATA

<u>DATE</u>	<u>HOSE CONNECTION AND FLANGE REMOVAL</u>	<u>HEEL SAMPLING</u>	<u>HYDROQUINONE ADDITION</u>	<u>LOADING OPERATION</u>		<u>FINISH CARGO SPL.</u>	<u>HOSE REMOVAL AND FLANGE INSERTION</u>
				<u>VENT REC.</u>	<u>DOCK SHACK</u>		
10-17,18,19-74 Irene	0.09 2.27	24.78	2.88		Nil 0.04 0.04	33.01	27.62
11-2,3-74 Alpha Gas *	0.12	2.25 2.47	0.24	---	---	4.02	0.32
11-9,10-74 Gamma Gas	0.00	15.42	0.07	1.99	0.00	19.91	50.28
11-18,19-74 Beta Gas	---	7.89	0.48	---	0.04	9.98	0.83
11-30,12-1-74 Beta Gas	0.20	1.50	2.25	---	0.02	0.19	0.08
12-20-74 Gamma Gas	59.61	1.91	0.05	---	0.02	0.36	828.2
12-27-74 Sigurd Jorsalfar	0.86	8.51	8.12	7.72	0.02	2.50	---

VVC 000019434

* Placed VCM technical staff personnel who were monitoring the various loading operations.