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Health and Safety Laboratory

HSA:JHH:krw

December 17, 1956

Dr. Lauren R. Donaldson, Director
Applied Fisheries Laboratory
University of Washington
Fisheries Center
Seattle 5, Washington

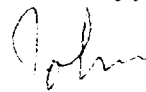
Dear Lauren:

Thanks very much for your information on the survey samples. We have now revised our data in terms of the weights that you gave us. This summary is as correct as possible. The particular question you asked concerning HASL #3815 is resolved by Isotopes, Inc., reducing their value to 80 ± 3 .

I believe this completes our data with the exception of a request from DEM for a repeated analysis of all crab samples. Crabs are apparently the limiting diet factor and they are asking for a check on all of our analyses. We will let you know if any changes are made.

Best regards to you and your staff.

Sincerely,



John H. Harley, Chief
Analytical Branch

UNAPL - POST-DOCKING MARSHALL ISLAND SURVEY SAMPLES

UNAPL Number	UNAPL Number	Sampling Location	Collection Date	Depth	Area	Lab	Total Activity (B)		Sr90 d/m/g-net	Sr90 d/m/g-net	Sr90 d/m/g-net	Total Ca mg/g-net	Minimum S.U.
							C-Date	d/m/g-net					
3002		Kabellie	7-24-56	0-2"	(first net)	UNAPL I, Inc.	8-4-56 8-29-56	1900 ± 80 1820	150 ± 3.7 155 ± 4.1	5.5 x 10 ⁵ 5.7 x 10 ⁵	0.07	0.29 0.31	220 ± 6
3003		Kabellie	7-24-56	2-4"	(first net)	UNAPL I, Inc.	8-4-56 8-29-56	406 ± 45 471	40 ± 0.41	1.3 x 10 ⁵	0.32	55 ± 0.6	
3004		Kabellie	7-24-56	4-6"	(first net)	UNAPL I, Inc.	8-4-56 8-29-56	± 40 106	1.5 ± 0.07	0.004 x 10 ⁵	0.35	8.0 ± 0.9	
3007		Kabellie	7-24-56	0-2"	(second net)	UNAPL I, Inc.	8-4-56 8-30-56	6210 ± 110 5940	250 ± 4.9 265 ± 1.2	9.3 x 10 ⁵ 9.8 x 10 ⁵	0.16	0.37 0.36	330 ± 2
3006		Kabellie	7-24-56	2-4"	(second net)	UNAPL I, Inc.	8-4-56 8-30-56	3300 ± 102 1735	58 ± 2.9 96 ± 1.7	2.2 x 10 ⁵ 5.6 x 10 ⁵	0.07	0.35 0.35	125 ± 2
3005		Kabellie	7-24-56	4-6"	(second net)	UNAPL I, Inc.	8-4-56 8-30-56	1160 ± 62 651	54 ± 2.8 30 ± 0.57	1.8 x 10 ⁵ 1.0 x 10 ⁵	0.08	0.56 0.34	40 ± 1.3
3008		Rongelap	7-23-56	0-2"	100' fr. lagoon	UNAPL I, Inc.	8-4-56 8-30-56	266 ± 52 152	10 ± 0.40	0.40 x 10 ⁵		0.36	13 ± 1.1
3009		Rongelap	7-23-56	2-4"	100' fr. lagoon	UNAPL I, Inc.	8-4-56 8-30-56	± 39 79.2	4.5 ± 0.1	0.21 x 10 ⁵		0.35	5.8 ± 0.4
3010		Rongelap	7-23-56	4-6"	100' fr. lagoon	UNAPL I, Inc.	8-4-56 8-30-56	± 45 51.9	1.4 ± 0.06	0.04 x 10 ⁵		0.33	1.9 ± 0.4
3011		Rongelap	7-23-56	0-2"	mid island	UNAPL I, Inc.	8-4-56 8-30-56	1220 ± 58 663	68 ± 2.8 31 ± 0.21	2.3 x 10 ⁵ 1.0 x 10 ⁵	0.06	0.20 0.32	44 ± 0.5
3012		Rongelap	7-23-56	2-4"	mid island	UNAPL I, Inc.	8-4-56 8-30-56	134 ± 51 106	4.0 ± 0.2	0.16 x 10 ⁵		0.35	5.2 ± 0.3
3011		Rongelap	7-23-56	4-6"	mid island	UNAPL I, Inc.	8-4-56 8-30-56	± 37 51.9	0.98 ± 0.03	0.04 x 10 ⁵		0.32	1.4 ± 0.1
3010		Ferry	7-23-56	surface	shore	UNAPL	8-4-56	17900 ± 203	7.6 ± 2.0		8.7	0.30	
3012		Ferry	7-23-56	sub-surface	shore	UNAPL	8-4-56	103 ± 39					

* As of 9-20-56

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