

Radiochemical Analyses, Bikini, Rongelap

(⁹⁰Sr, ²³⁵Pu, ²³⁹Pu, ³H in pCi/liter; ¹³⁷Cs in nCi/liter)

<u>URINE</u> (ave. values)						
<u>Year</u>	<u>Island</u>	<u>No. Samples</u>	<u>⁹⁰Sr</u>	<u>¹³⁷Cs</u>	<u>²³⁸Pu</u>	<u>²³⁹Pu</u>
1969	Kili	14	0.48	0.34		
	Rongelap	23	4.50	3.20		
1970	Bikini	Pooled	1.20	0.10	0.003	0.003
		Pooled	1.30	0.13	0.002	0.002
		1*	2.20		0.020	0.013
		1*	1.90		0.024	0.015
	Rongelap	20	3.50	2.70		
1971	Bikini	2 (families)*	3.90	0.11		
	Rongelap	15	3.80	2.40		

<u>WELL WATER</u>						
			<u>⁹⁰Sr</u>	<u>¹³⁷Cs</u>	<u>³H</u>	<u>^{239,240}Pu</u>
1971	Bikini	"good well"	6.0 ± 17%	600 ± 1%	770 ± 40%	0.04 ± 25%
		"bad well"	25 ± 3%	850 ± 1%	1040 ± 30%	0.05 ± 20%
		HASL tap water	0.6	0.06	~ 500	0.01 ± 100%

*had resided at Bikini 6-9 months.