

Radiochemical Analyses, Bikini, Rongelap

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

<u>URINE</u> (ave. values)						
<u>Year</u>	<u>Island</u>	<u>No. Samples</u>	<u>^{90}Sr</u>	<u>^{137}Cs</u>	<u>^{238}Pu</u>	<u>^{239}Pu</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>^{90}Sr</u>	<u>^{137}Cs</u>	<u>^3H</u>	<u>$^{239,240}\text{Pu}$</u>
1971	Bikini	"good well"	$6.0 \pm 17\%$	$600 \pm 1\%$	$770 \pm 40\%$	$0.04 \pm 25\%$
		"bad well"	$25 \pm 3\%$	$850 \pm 1\%$	$1040 \pm 30\%$	$0.05 \pm 20\%$
		HASL tap water	0.6	0.06	~ 500	$0.01 \pm 100\%$

*had resided at Bikini 6-9 months.