

March 28, 1979

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SUMMARY OF COMPOSITE SAMPLES

Atoll	Islands Sampled	Soil	Veg.	terr. Animals	Ground Water	Ground Water Filter	Cistern Water	Lagoon Water	Lagoon Water Filter	Lagoon Sediment	Reef Fish	Lagoon Fish	Claws	Atoll Total
AILINGINAE	9	225	43	2	-	-	1	4	4	9	10	4	4	306
AILUK	8	265	51	3	3	3	3	4	4	8	6	1	2	353
BIKAR	3	41	7	-	-	-	-	2	2	4	6	2	2	66
BIKINI	14	899	58	-	13	13	4	8	8	11	24	5	1	1044
ENEWETAK	2	6	5	-	5	5	-	6	6	6	9	-	-	48
JEMO	1	18	3	-	-	-	-	1	1	4	4	-	-	31
LIKIEP	7	266	51	4	3	3	3	4	4	9	12	2	2	363
MESI	1	78	13	4	1	1	1	1	1	2	2	-	-	104
RONGELAP	9	408	81	9	2	2	2	7	7	9	17	6	2	552
RONGERIK	9	167	30	3	-	-	-	4	4	6	9	7	3	233
TAKA	2	53	9	-	-	-	-	2	2	5	5	3	3	82
UJELANG	8	284	54	2	1	1	1	5	5	5	6	-	2	366
UTIRIK	3	271	59	4	1	1	1	3	3	6	4	3	4	360
WOTHO	3	150	25	3	1	1	1	4	4	7	7	2	2	207
TOTALS	76	3131	489	34	30	30	17	55	55	91	121	35	27	4115

SUMMARY OF ANALYTIC SAMPLES

Atoll	Islands Sampled	Soil	Veget.	Terrestrial Animals	Ground Water	Ground Water Filter	Cistern Water	Lagoon Water	Lagoon Water Filter	Lagoon Sediment	Reef Fish	Lagoon Fish	Clams	Atoll Total
AILINGINAE	9	225	77	4	-	-	1	4	4	9	60	24	16	424
AILUK	8	265	102	13	3	3	3	4	4	8	36	6	8	455
BIKAR	3	41	8	-	-	-	-	2	2	4	33	12	8	110
BIKINI	14	899	126	-	13	13	4	8	8	11	144	30	4	1260
ENEWETAK	2	6	14	-	5	5	-	6	6	6	54	-	-	102
JEMO	1	18	6	-	-	-	-	1	1	4	24	-	-	54
LIKIEP	7	266	101	14	3	3	3	4	4	9	72	12	8	499
MEJIT	1	78	27	14	1	1	1	1	1	2	7	-	-	133
RONGELAP	9	408	150	25	2	2	2	7	7	9	102	36	8	758
RONGELIK	6	167	60	6	-	-	-	4	4	6	54	42	12	355
TAKA	2	53	14	-	-	-	-	2	2	5	30	18	12	136
UJELANG	8	284	112	12	1	1	1	5	5	5	36	-	8	470
UTIRIK	3	271	118	14	1	1	1	3	3	6	24	18	16	476
WOTHO	3	150	50	8	1	1	1	4	4	7	42	12	8	288
TOTALS	76	3131	965	110	30	30	17	55	55	91	718	210	108	5520

SUMMARY OF DUPLICATE SAMPLES

Atoll	ISLANDS SAMPLED	SOIL	VEG.	FEED. ANIMALS	GROUND WATER	GROUND WATER FILTER	CISTERN WATER	LAGOON WATER	LAGOON WATER FILTER	LAGOON SEDIMENT	REEF FISH	LAGOON FISH	CLAMS	Atoll Total
AILINGINAE	9	22	8	—	—	—	—	—	—	1	4	2	2	39
AILUK	8	26	10	1	—	—	—	—	—	1	4	—	1	43
BIKAR	3	4	1	—	—	—	—	—	—	—	3	2	—	10
BIZINI	14	90	13	—	1	1	1	1	1	1	15	3	1	128
ENENETAK	2	1	1	—	1	1	—	—	—	1	5	—	—	12
JEMO	1	2	1	—	—	—	—	—	—	—	4	—	—	7
LIKIEP	7	27	10	1	—	—	—	1	1	1	7	2	—	50
MESIT	1	8	3	1	—	—	—	—	—	—	1	—	—	13
RONGELAP	9	41	16	3	1	1	1	1	1	1	12	5	—	83
RONGERIK	6	17	5	1	—	—	—	—	—	1	5	3	1	33
TAKA	2	5	1	—	—	—	—	—	—	—	2	2	1	11
USELANG	8	28	12	1	—	—	—	1	1	—	3	—	1	47
UTIRIK	3	27	11	1	—	—	—	—	—	1	2	1	2	45
WORHO	3	15	5	1	—	—	—	—	—	1	4	1	1	28
TOTALS	76	313	97	10	3	3	2	5	5	9	71	21	10	549

SUMMARY OF QC SAMPLES

Atoll	Soil	Veg.	Animal	Fish	Atoll Total
AILINGINAE	9	3	—	4	16
AILUK	10	4	—	2	16
BIKAR	2	—	—	2	4
BIKINI	34	5	—	7	46
ENEWETAK	—	1	—	2	3
SEMO	1	—	—	1	2
LIKIEP	10	4	1	3	18
MEFI	3	1	1	—	5
RONGELAP	15	6	1	6	28
RONGERIK	6	2	—	4	12
TAKA	2	1	—	2	5
UJELADG	11	4	—	2	17
UJIEK	10	5	1	2	18
WAKHO	6	2	—	2	10
TOTALS	119	38	4	39	200

SUMMARY OF TOTAL SAMPLES

(ANALYTIC + DUPLICATE + QC)

Atoll	ISLANDS SAMPLED	SOIL	VEG.	TERR. ANIMALS	GROUND WATER	GROUND WATER FILTER	CISTERN WATER	LAGOON WATER	LAGOON WATER FILTER	LAGOON SEDIMENT	REEF FISH	LAGOON FISH	CLAMS	Atoll Total
AILINGINAE	9	256	88	4	—	—	1	4	4	10	68	26	18	479
AILUK	8	301	116	14	3	3	3	4	4	9	42	6	9	514
BIKAR	3	47	9	—	—	—	—	2	2	4	38	14	8	124
BIKINI	14	1023	144	—	14	14	5	9	9	12	166	33	5	1434
ENENETAK	2	7	16	—	6	6	—	7	7	7	61	—	—	117
JEMO	1	21	7	—	—	—	—	1	1	4	29	—	—	63
LIKIEP	7	303	115	16	3	3	3	5	5	10	82	14	8	567
MEJIT	1	89	31	16	1	1	1	1	1	2	8	—	—	151
RONGELAP	9	464	172	29	3	3	3	8	8	10	120	41	8	869
RONGERIK	6	190	67	7	—	—	—	4	4	7	63	45	13	400
TAKA	2	60	16	—	—	—	—	2	2	5	34	20	13	152
USJELANG	8	323	128	13	1	1	1	6	6	5	41	—	9	534
UTRIK	3	308	134	16	1	1	1	3	3	7	28	19	18	539
WOFHO	3	171	57	9	1	1	1	4	4	8	48	13	9	326
TOTALS	76	3563	1100	124	33	33	19	60	60	100	828	231	118	6269

SUMMARY OF TOTAL RADIOCHEMICAL SAMPLES

(ANALYTIC + DUPLICATE + QC)

SAMPLE TYPE	TOTAL SAMPLES	⁹⁰ Sr	¹³⁷ Cs	²³⁸ Pu	^{239, 240} Pu	^{239, 240, 241} Pu	²⁴¹ Am
SOIL	3563	3563	534	178	3563	356	1782
VEGETATION	1100	1100	165	—	1100	110	1100
TERR. ANIMALS	124	124	19	—	124	12	124
GROUND WATER	33	33	33	—	33	—	33
GROUND WATER FILTERS	33	33	33	—	33	—	33
CISTERN WATER	19	19	19	—	19	—	19
LAGOON WATER	60	60	60	—	60	—	60
LAGOON WATER FILTERS	60	—	—	—	60	—	60
LAGOON SEDIMENT	100	100	100	—	100	—	100
REEF FISH	828	828	828	—	828	—	828
LAGOON FISH	231	231	231	—	231	—	231
CLAMS	118	118	118	—	118	—	118
TOTALS	6269	6209	2140	178	6269	478	4488

TOTAL SAMPLES: 19762

LAGOON WATER

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