

March 2.8

BROOKHAVEN NATIONAL LABORATORY  
ASSOCIATED UNIVERSITIES, INC.

Upton, New York 11973

Medical Department

401745

(516) 345- 3577

August 9, 1979

Mr. William J. Stanley, Director  
U.S. Department of Energy  
Pacific Area Support Office  
P. O. Box 29939  
Honolulu, Hawaii 96820

Dear Bill,

With regard to our forthcoming medical survey I would like to provide you with the following information concerning personnel and travel arrangements and also to request certain support from your office. As we discussed at Livermore, I am funneling all requests for either DOE, TT or Missile Range support through your office. The only exception is that I have requested Peter Heotis to go down to Majuro this week to line up the TT personnel that I hope will be able to participate. I think this can be best accomplished by first hand discussions. Peter will also make our hotel and auto rental reservations while he is in Majuro.

As you will note from the survey schedule (Enclosure #1) we plan to start examinations at Majuro on Monday, September 10th. I would like to have a DOE representative join us for the full course of the survey. This is essential because the majority of the questions asked at these village meetings are of a non-medical nature and therefore can be better fielded by someone from your office.

I plan to meet with the people at each island we visit prior to the exams to outline the type of exam we will be offering and the reason for these exams. The meeting at Rongelap and Utirik offer no scheduling problems but the meeting I would like to hold on Majuro and Ebeye will require your help and the help of TT officials at these islands. An announcement could be made by radio stating the time and place of each meeting. Sunday afternoon or evening, September 9th at Majuro, and Sunday afternoon or evening, Sept. 16th at Ebeye, would allow us to talk with the people before the exams commence. At Majuro arrangements to bring the Bikini people living on Ejit over to Majuro both for the meeting and for exams during the week will require the help of Oscar deBrum. We would welcome all Rongelap, Utirik and Bikini people to these meetings. In addition, the islands of Rongelap and Utirik should be notified of our planned arrival date. During our stay in Majuro we will be able to perform 100 adult physical exams. These will include the following groups in this priority:

1. Rongelap and Utirik, exposed who have not had a full exam in January or May (Enclosure #4).

5011847

2. Rongelap unexposed, on our matching comparison list, who were unavailable in January or May (Enclosure #4).

3. Bikinians - i.e., those Bikinians with traditional land rights on Bikini that were evacuated in August 1978. The Trust Territory government should be able to furnish us with this list. The medical care for the remainder of the 600 - 800 people identified as Bikinians is still under discussion by the DOI and DOE. Transient, non-Bikinian, workers who have spent a variable amount of time on Bikini are also under discussion at DOI and DOE.

We expect to ship to you about 15 boxes of medical equipment around August 27th. Some of these boxes will be designated for Majuro, the rest for Kwaj. The Majuro boxes will be needed at Majuro by September 6th. The Kwaj. boxes should be at Kwaj. by September 14th. We will contact Mr. Koga or Louise Sutton when we ship these supplies.

The following supplies, either purchased or borrowed from Kwaj. should be available for unloading at Kwaj. prior to our departure for the outer islands.


6	cases apples
6	cases oranges
20	cases diet cola
1000	lbs. rice, unpolished
360	(1½ lbs) cans beef stew
240	cans Spam
120	cans baked beans (large)
2	ea. 100 lbs dough nut mix
25	ea. 2 lb. can shortening
18	cases powdered milk
200	lbs dry beans
4	ea. X-ray developer concn. (ea. to make 5 gal. working solution)
4	ea. X-ray fixer concn. (ea. to make 5 gal. working solution)
8	ea. mattresses
80	ea. single sheets
8	ea. pillows
16	pillow cases

We have been unable for the past two years to secure any 16 mm movies to show on the outer islands. These movies were a great source of pleasure to the people. Would you rent us 3 family type (comedy, western, etc.) movies along with a 16 mm projector with some spare parts? We would need this to take aboard Liktanur II on Sept. 21st. We would return these to Honolulu on Oct. 8th.

Enclosures #2 and #3 list the team personnel and the hotel and airline reservations which we are requesting.

We appreciate your help in these matters and I am looking forward to seeing you when I am in Honolulu next month.

Sincerely,

  
Hugh S. Pratt, M.D.

HSP:gc

5011848

W.J. Stanley/H.S. Pratt, M.D.

August 9, 1979

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cc: Col. J. H. Reeve, Commanding Officer, K.M.R.  
Mr. Don D. McAfee, Resident Manager; Global Associates  
Mr. James W. Watt, DOE Coordinator  
Mr. Larry Edwards, Distad. Rep., Ebeye  
Mr. Scott Stege, T.T. Liaison Officer  
Dr. Isaac Lanwi, Chief Medical Officer, Ebeye  
Mr. Peter Heotis, BNL Kwaj  
Mr. Oscar deBrum, Chief Secretary  
Mr. Amata Kabua, President, Marshall Islands  
Mr. Henry Samuel, Minister of Health, Majuro  
Mr. Ezra Riklon, Chief Medical Officer, Majuro  
Mr. Don Wilson, Hospital Administrator, Majuro  
Mr. Ted Murawski, Holmes & Narver  
Mr. Jim Foard, Holmes & Narver  
Mr. W. Koga/L. Sutton, Holmes & Narver  
Dr. Walter Weyzen, DOE, Washington  
Dr. Bruce Wachholz, DOE, Washington  
Mr. John DeYoung, DOI, Washington  
Mr. Sebio Shoniber, Majuro  
Mr. Helmer Emos, Ebeye

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## SEPTEMBER - OCTOBER 1979 MARSHALL ISLANDS MEDICAL SURVEY SCHEDULE

		<u>Time</u>	
U.S.	T.T.		
Thur., Sept. 6			Hono → Majuro (Scott and Brown)
Sat., Sept. 8			Hono → Majuro (Team - see Enc. #2)
	Mon, Sept. 10		Start Majuro exams
	Fri., Sept. 14		Complete Majuro exams
Sat., Sept 15	Sun., Sept. 16		Medical Team → Kwaj via Air Mik
Mon., Sept. 17			Start Ebeye exams
Thur., Sept. 20			Complete Ebeye exams
Fri., Sept. 21			Medical Team leave Kwaj. for Rong. via Liktanur II
	Sun., Sept. 23		Arr. Rongelap
	Mon., Sept. 24		Start Rongelap exams
	Fri., Sept. 28		Complete Rongelap exams
	Sat., Sept. 29		Leave Rongelap for Utirik
	Sun., Sept. 30		Arr. Utirik
	Mon., Oct. 1		Start Utirik exams
	Fri., Oct. 5		Complete Utirik exams
	Sat., Oct. 6		Leave Utirik for Kwaj.
Sat., Oct. 6			Arr. Kwaj
Mon., Oct. 8			Medical Team → Hono via MAC

PRIVACY ACT MATERIAL REMOVED

8/9/79

Enclosure #2

LIST OF PERSONNEL WITH SOCIAL SECURITY NUMBERS

Pratt, Hugh S. , M.D.  
Wynn, Susan, R.N.  
Mandel Kern, Mark, M.D.  
\* Pediatrician  
Krotoski, Andrew, D.D.S.  
\* GMO  
Krotoski, Wojciech, M.D.  
Scott, William  
Brown, Robert  
Makar, Michael  
Heotis, Peter - stationed at Kwaj.  
Kabua, Jenuk - " " "

LIST OF PERSONNEL REQUESTED FROM TRUST TERRITORY

Shoniber, Sebio - stationed at Majuro  
Elanjo, Laijo " " "  
Gideon, Kalman " " "  
Emos, Helmer " " Ebeye

\* These people are still being recruited and their names and social security numbers will be furnished as soon as possible.

5011851

PRIVACY ACT MATERIAL REMOVED

8/9/79

Personnel	Hotel	Air Mik <sup>a</sup>			M.A.C.	
	Honolulu	Hono → Kwaj	Hono → Majuro	Majuro → Kwaj	Hono → Kwaj	Kwaj → Hono
H. S. Pratt	Sept. 5,6,7		Sept. 8	Sept. 15		Oct. 8
S. Wynn	Sept. 5,6,7		Sept. 8	Sept. 15		Oct. 8
M. Mendel Kern	Sept. 7		Sept. 8	Sept. 15		Oct. 8
Pediatrician	Sept. 6,7		Sept. 8	Sept. 15		Oct. 8
A. Krotoski <sup>b</sup>	Sept. 14 <sup>d</sup>	Sept. 15		Sept. 15		Oct. 8
G.M.O.	Sept. 6,7		Sept. 8	Sept. 15		Oct. 8
W. Krotoski <sup>c</sup>	Sept. 14 <sup>d</sup>	Sept. 15		-		-
W. Scott	Sept. 4,5		Sept. 6	Sept. 15		Oct. 8
R. Brown	Sept. 4,5		Sept. 6	Sept. 15		Oct. 8
M. Makar	Sept. 4,5,6,7		Sept. 8	Sept. 15		Oct. 8
S. Shoniber <sup>e</sup>				Sept. 15		
L. Elanjo <sup>e</sup>				Sept. 15		
K. Gideon <sup>e</sup>				Sept. 15		

a = All in U.S. time.

b = Dr. A. Krotoski should be issued a 1-way Air Mik ticket to Kwaj.

c = Dr. W. Krotoski should be issued round trip Air Mik tickets with the return leg open.

d = Request Ramada Inn Airport reservations for their overnight.

e = This T.T. group should be issued round trip tickets with the return leg open.

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MARSHALL ISLANDS POPULATIONS UNDER STUDY

RONGELAP AND AILINGNAE EXPOSED POPULATION, List #1

✓ = Need exam

March 1979

No.	Name	Sex	Age	Last Location	Last Exam
1		F	78	R	1979
2		M	26	Hono	"
3		M	25	E	"
4		M	62	E	"
5		M	25	R	"
6		M	25	R	"
7		M	60	R	"
8		F	26	E	"
9		M	46	M	"
10		M	48	R	"
11		M	74	R	"
12		F	42	E	"
14		F	49	E	"
15		F	31	M	"
16		M	63	R	"
17		F	27	E	"
18		F	45	R	"
19		M	29	E	"
20		M	31	R	"
21		F	27	R	"
22		F	41	E	"
23		M	28	E	"
24		F	37	E	"
27		M	52	M	"
32		M	28	E	1979
33		F	26	E	1979
34		F	69	R	"
35		M	37	M	"
✓ 36		M	31	Roi	1978 (partial)
37		M	44	E	1979
39		F	39	E	"
40		M	53	E	"
41		M	68	E	"
42		F	27	E	"
44		M	28	E	"
45		F	56	E	"
47		M	32	Hono	"

\*Indicates Ailingnae population.



PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Last Location	Last Exam
48		F	30	R	1979
✓49		F	39	Ebedon	1976
51		F	49	M	1979
53		F	32	E	"
61		F	32	R	"
63		F	60	E	"
64		F	54	R	"
65		F	25	R	1979
66		F	54	R	1979
67		F	38	M	"
69		F	28	Hono	"
70		F	31	R	"
71		F	52	E	"
72		F	31	R	"
73		M	42	R	"
74		F	40	E	"
75		F	36	M	"
76		M	35	E	"
77		M	50	R	"
78		F	61	E	"
79		M	63	R	"
✓80		M	70	Kili	1978
81		F	32	E	1979
82		M	74	R	"
83		M	24	E	"
84		M	24	E	1979
85		M	24	E	1979
86		F	24	R	1979



5011054



UTIRIK EXPOSED, List #4

January 1979

No.	Name	Sex	Age	Location	Last Exam	Parents
2101		M				Died 1968
2102		M	28	U	1979	
2103		M	68	U	1979	
2104		F	48	U	1979	
✓2105		M	70	M	1978	
✓2106		M	29	Wotje	1976	Endy-Jatrik 2107
2107		F	50	M	1979	
2108		M	36	E	1979	
2109		F				Died 1978-Majuro
2110		M	72	U	1979	
2111		F	31	U	1979	Capple-Lijira 2194
2112		M				Died 1968
2113		F	28	M	1979	2114 Kel-Minje 2215
2114		M	65	U	1979	
✓2115		M	25	U.S.	1975	Nelih
2116		F				Died 1960
2117		F	49	M	1979	
2118		M				Died 1956
✓2119		F	43	Mejit	1966	
2120		M	67	M	1979	
2121		M				Died 1965
2122		M				Died 1959
2123		M	40	M	1979	
2124		M	27	U	1979	Leban-Liejra
2125		M	62	U	1979	
2126		F	30	M	1979	2162 Jinni-Saul 2240
2127		M				Died 1959
2128		F	33	U	1979	2146 Clara-Lanien
2129		F	42	M	1979	
2130		F	28	M	1979 <del>1978</del>	Jinni-Maider 2205
2131		F				Died 19--
2132		F	26	M	1979	Abner-Kajilin 2109
2134		F	26	M	1979	Marrin-Tomo
2135		M				Died 1977
2136		M	28	U	1979	Jabon-Linne
2137		M	40	M	1979	
2138		F	29	U	1979	Marrin Tomo
2139		F	50	M	1979	

\*Deceased



PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Location	Last Exam	Parents
2140		F	70	U	1979	
2141		F				Died 1968
2142		M	30	M	1979	Enta Pien
2143		M	28	M	1979	
2144		M	32	E	1979	
2145		M	59	U	1979	
2146		F	61	U	1979	
2147		F	30	E	1979	Flora-Leban
2148		M	69	M	1979	
2149		F	34	M	1979	
2150		M	37	U	1979	
2151		M				Died 1976
2152		M	42	Ebon	1978	
2153		M	26	M	1979	Jawin 2161
2154		F				Died 1965
2155		M	23	U	1979	Kel-Minje
2156		M	33	U	1979	
2157		M	51	U	1979	
2158		F	53	U	1979	
2159		F	28	E	1979	Nambo-Toren
2160		F	29	M	1979	Clara-Lanien
2161		F	54	M	1979	
2162		F	57	M	1979	
2163		M				Died 1964-65
2164		F	32	U	1979	Juda-Mano
2165		M	36	Eni.	1977	(Partial)
2166		M	63	U	1979	
2167		M	39	U	1979	
2168		M	43	M	1979	
2169		M				Died 1978
2170		M				Died 1959
2171		F	27	Wotje	1976	Nelih
2172		F	37	U	1979	
2174		M	25	U	1979	2206 Michael-Bella
2175		M				Died 1970
2176		M	35	U	1979	
2177		M				Died 1958
2178		M				Died 1972
2179		M	27	E	1979	Lena-Likmoto
2180		M				Died 1960
2181		M				Died 1967
2182		F	77	U	1979	
2183		M				Died 1965
2184		M				Died 1961
2185		M	57	U	1979	
2186		F				Died 1973

\*Deceased

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PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Location	Last Exam	Parents
2187		F				Died 1959
2188		M	28	M	1979	Lena-Likmoto
2189		F	51	M	1979	
2190		F				Died 1964-65
2191		F				Died 1969
2192		F				Died 1964-65
2193		F	56	U	1979	
2194		F	60	U	1979	
2195		F	49	U	1979	
2196		F	63	U	1979	
2197		F	28	U	1979	Aiben-Bona
2198		F				Died Utirik 1979
2199		F				Died 1961
2200		F	68	M	1979	
2201		F				Died 1974
2202		F				Died 1967
2203		F				Died 1963
2204		F				Died 1965
2205		M	54	M	1979	
2206		M	57	U	1979	
2207		M	30	M	1979	
2208		F	62	E	1979	
2209		F	30	E	1979	Marion-Zakrzias
2210		F	25	U	1979	2193 Bona-Aiben
2211		M				Died 1970
2212		F	59	U	1979	
2213		F	26	M	1979	Last name model
2214		M				Died 1969
2215		F	58	U	1979	
2216		F	58	M	1979	
2217		F	47	M	1979	
2218		F	25	U	1979	Enos-Manuwe
2219		F				Died 1957
2220		F	50	U	1979	
2221		F	77	U	1979	
2222		F				Died 1957
2223		F				Died 1967
2224		F	56	U	1979	
2225		F	31	M	1979	Bona-Aiben
2226		F	26	E	1979	Tomo-Marrin
2227		F	29	U	1979	Obet-Tokjela
2228		F	33	U	1979	Bona-Aiben
2229		F	43	M	1979	
2230		F	38	M	1979	
2231		F	26	E	1979	Marion
2232		M	26	U	1979	

\*Deceased

PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Location	Las Exam	Parents
2233		M	26	E	1979	Nambo-Toren
2234		M	37	E	1979	
✓ 2235		M	32	Mejit	1969	Jabon-Line
2236		M	36	E	1979	Tomo-Marrin
2237		M	32	M	1979	Marion
2238		F				Died 1965
2239		F	28	Ponape	1970 <sup>9</sup>	Marion
2240		M				Died 1977
2241		F	54	E	1979	
2242		M	25	M	1979	Line-Jabon
2243		M				Died 1958
2244		F	69	U	1979	
2245		M	25	M	1979	Nambo-Toren
2246		F				Died 1970
2247		F	33	U	1979	
2248		F	40	M	1979	
2249		F	40	M	1979	
2250		M	35	E	1979	
2251		F	29	M	1978 <sup>9</sup>	<del>Refused - 1978, 1979</del>
2252		M				Died 1972
2253		M				Died 1965
2254		F	30	M	1979	
2255		F	25	M	1979	Kito-Tien
2256		F	30	U	1979	Meme-Tarkeim
2257		M	32	U	1979	
2258		M				Died 1970
2259		F				Died 1968
2260X		F	25	E	1979	Adopted - Lijobwor
2261X		M	51	M	1979	

\*Deceased



5011858

PRIVACY ACT MATERIAL REMOVED

# PRIVACY ACT MATERIAL REMOVED

MATCHING CONTROL POPULATION, List #9

March 1979

No.	Name	Sex	Age	Last Location	Last Exam
805		F	25	E	1979
✓ 811		F	25	E refused 1979	1978
✓ 812		F	25	U.S.	1976
✓ 813		M	25	Kili	1978
814		M	27	R	1979
815		M	29	E	1979
816		F	29	R	1979
817		M	28	E (partial)	1979
✓ 818		M	28	Lae	1975
✓ 820		M	30	Ship	1971
821		F	31	R	1979
822		M	32	E	1979
823		M	35	R	1979
825		F	37	R	1979
826		F	42	M	1979
827		M	39	R	1979
829		F	41	E	1979
830		M	40	E	1979
831		M	39	R	1979
832		F	41	R	1979
833		M	46	E	1979
834		M	45	R	1979
835		F	45	R	1979
838		M	46	E	1979
✓ 839		F	51	E (Phys only)(refused '78, '79)	1977
✓ 840		M	49	Ebandon (Phys only)	1977
✓ 841		F	46	E Refused '79	1978
842		M	55	E	1979
843		F	50	E	1979
844		F	60	E	1979
845		M	49	R	1979
846		F	56	E	1979
849		M	60	E	1979
850		M	68	R	1979
851		F	70	R	1979
859		F	86	E Home visit	1979
863		M	29	M	1979
✓ 864		M	53	Kili	1978
865		F	45	Kili	1979

\*Any person on unexposed list who has not been examined in 7 years has been dropped from the study.

PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Last Location	Last Exam
867		F	51	E	1979
868		M	56	E	1979
869		M	32	E	1979
✓879		F	25	E (In utero control) refused '79	1978
880		M	58	E	1979
881		M	47	R	1979
882		M	46	R	1979
✓883		M	67	Ujae	1978
✓888		F	50	Ujae	1978
889		F	54	E	1979
891		F	31	E	1979
✓892		M	33	Maui	1974
896		F	39	R	1979
909		F	29	E	1979
911		F	26	R	1979
✓912		M	26	Lib	1978
✓914		F	43	Jaluit	1975
915		M	82	R	1979
✓917		M	60	Lib	1978
919		M	31	R	1979
920		M	47	M	1979
922		F	54	E	1979
✓925		F	29	E Refused 1979	1978
926		F	28	E	1979
928		F	66	M	1979
✓931		M	25	Roi	1978
932		F	44	R	1979
934		F	44	Kili	1978
938		F	46	E	1979
939		M	33	R	1979
941		F	78	E	1979
942		F	64	E	1979
943		M	48	M	1979
944		M	54	E	1979
945		F	54	E	1979
✓950		F	33	E Refused 1979	1978
951		F	46	M	1979
✓955		F	26	M Refused 1979	1978
956		F	70	R	1979
958		M	47	E	1979
959		F	30	R	1979
960		F	28	R	1979
✓962		F	26	U.S.	1975
966		M	47	Kili	1978
969		M	61	E	1979
970		F	65	E	1979
971		M	36	Carlos	1979

PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Last Location	Last Exam
980		F	25	E	1979
✓981		M	26	E (in utero control) refused '79	1978
982		F	59	E	1979
991		F	71	E	1979
✓993		F	32	E refused '79	1978
✓996		F	26	Washington State	1971
998		F	32	R	1979
1001		F	45	E	1979
1005		M	46	E	1979
1007		M	68	R	1979
✓1035		F	28	Jaliut	1975
✓1036		M	27	U.S.	1978
1043		F	44	E	1979
1050		F	43	R	1979
1500		M	48	E	1979
1505		F	40	E	1979
1519		M	36	M	1979
1520		F	48	M	1979
1524		M	36	M	1979
✓1525		F	36	Kili	1978
✓1526		M	48	Jaliut	1978
✓1529		M	32	Wotto	1975
✓1533		M	26	Lae	1976
1541		F	51	R	1979
1542		F	26	M	1979
1546		M	65	E	1979
1548		F	37	E	1979
1549		M	26	E	1979
1550		M	36	Kili	1978 <sup>9</sup>
1552		M	50	R	1979
1553		M	27	R	1979
1554		F	60	E	1979
✓1555		F	36	E Refused 1979	1978
1556		F	34	E	1979
1557		M	31	E	1979
1558		F	29	E	1979
1559		F	26	E	1979
1560		F	55	E	1979
1561		F	61	E	1979
✓1562		M	25	E Refused 1979	1978
1563		M	43	M <del>Refused 178, 179</del>	1978 <sup>9</sup>
1564		F	30	R	1979
1565		M	34	E	1979
✓1566		F	29	Kili	1976
1567		F	25	E	1979
✓1568		F	25	Wotje	1976
✓1569		F	25	E	1978

PRIVACY ACT MATERIAL REMOVED

No.	Name	Sex	Age	Last Location	Last Exam
1570		F	57	E	1979
✓1571		F	25	Ebeden	1977
✓1572		M	31	E refused '79	1978
1573		M	29	E	1979
✓1574		M	26	U.S.	1979-8
✓1575		F	73	E	1978
✓1576		F	36	Oregon	1976
1577		F	28	E	1979
1578		F	43	E	1979



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