



### United States Department of the Interior

OFFICE OF THE SECRETARY WASHINGTON, D.C. 20240



MAY 17 1979

Honorable Ruth C. Clusen Assistant Secretary for Environment Department of Energy Washington, D.C. 20545

Dear Ms. Clusen:

Enclosed is a set of the medical forms that Mr. de Brum left with me at the end of our meeting yesterday afternoon. Dr. Victor Bond took a set with him, but I thought you, too, should have a set available to you.

Mr. de Brum said that those forms under Tab "A" are from Utirik people who have been seen by Dr. Conard. They apparently, however, are not listed among the "exposed" people. Tab "B" represents people from several atolls who have some Likiep or Utirik connection (some, apparently, had attended the Catholic school on Likiep). Tab "C" represents Likiep people.

Mr. de Brum stressed that the survey is not complete, the information is still coming in, and he will forward it to us (unclear as to whether you or me, or both).

At least on the surface it would appear that there may be a problem on Likiep, in particular, that goes beyond the normal expected incidence of such medical problems. I believe that a follow-up, systematic medical survey should be made as soon as possible, enlisting the aid of the Marshallese Government informants so as to overcome the possibility of concealing problems or symptoms from the medical survey team, as allegedly happened in the past. The survey should cover Wotje, Mejit, Ailuk, and Utirik, as well, since these islands were also cited as having a high incidence of medical problems and they are within or close to the intermediate fallout contour from the Bravo test. Lib was also mentioned as an island that may be suspect.

A second medical problem was surfaced that needs to be covered. This is the medical monitoring of the people formerly living on Bikini who are not living on Majuro. You will recall the question raised by Mr. Henchi Balos to the effect that the Brookhaven medical team is checking the former Bikini people on Majuro, but not those on Kili. At the time of the move from Bikini, Department of Energy witnesses before the House Appropriations Subcommittee and again at the recent March 22, 1979, hearings, made a firm commitment to provide regular medical monitoring of the former Bikini people. Originally, it was thought all of them would be relocated to Kili. The check scheduled for mid-winter 1978 for the Bikini returnees resident on Kili was not

carried out because it is virtually impossible to land at that island during the winter months. This is no longer the case since weather conditions ameliorate in the spring and we believe that the former residents of Bikini on Kili must be checked along with those on Majuro. With the Brookhaven medical team now in the Marshalls, it should be possible to do so with a minimum of additional costs.

On behalf of Under Secretary Joseph, Deputy Under Secretary Green, and myself, let me thank you and your staff for participating in the meeting. I believe it was on the whole a useful exchange. Your time and concern are greatly appreciated.

Sincerely yours,

Mrs. Ruth G. Van Cleve

Kinn J. Van Elen

Director

-2-

Office of Territorial Affairs

Enclosure

A

### GOVERNMENT OF THE MARSHALL ISLANDS

(1921)
Name Sex Age <u>58</u>
(20077) Residence:
1954-1960 - Ailuk 1960-1966 1966-1972 1972-
Short description of symptoms: Renoval of something for throat.
Surgery Year 1977
Have you been receiving treatment for any illness for a period over one year?
Has anyone in your family complained of similar symptoms to the ones you are now experiencing?
- thypodectory also - died -
Surgery? /husband: Ale neptered to Hawain - Thyrokesta
Youngs brokes: check this one -
Signature Date

### GOVERNMENT OF THE MARSHALL ISLANDS

		10-	
Name	Sex F	Age	,
Residence:			
1954-1960 UTRIC / 1960-1966 1966-1972 1972-	AILUK		
		•	
Short description of sympto	oms:		
Surgery Tity Noi Des Tomy	Year	·	
Have you been receiving tre	eatment for any illr	ness for a perio	۵
has anyone in your family ones you are now experience	ing? CHILD LOST	HAIR	
	son foint a	Lied at 30-	Thyrodory
Surgery?		<del>-</del>	
		•	•
Signature	Date		<del></del>



### GOVERNMENT OF THE MARSHALL ISLANDS

Name	• • •	,,	S	ex	E	Age_5/_
Reside	nce:	•				
	1954-1960 1960-1966 1966-1972 1972-	- Arluk	then UT	rih		
Short o	descriptio	n of sympt	oms:			
						•
Surgery	, Thyro	ilectomy			Year	1978
Have yo		,				ss for a period
	- -	ur family	complai	ned o	ıf similar	symptoms to and
	ou are now		ing?			Symptoms to and
Surgery	у?					
						•
Signat	ure				Date	
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#### GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_F	Age <u>36</u>
Residence:  1954-1960  1960-1966 1966-1972 1972-	iluk - 1942 -	
Short description of symptoms:  Loss of Hair		·
Surgery D. Wiens (Hyraid o	y tonsils?) Year	
Have you been receiving treatme over one year?		; for a perici
Has anyone in your family comploned you are now experiencing?  Son Also was flucted		
Surgery?		
·		
Signature	Date	

GOVERNMENT OF THE MARCHALL ISLANDS

Name	Sex	Age 21
(Cleck Chart)		
Rasidence:		
1954-1960 (UMK) 1960-1866 1966-1972 1972-		
Short description of symptoms:		•
surgery Thyroidoctomy (	Dr. Wieny Year_	
Mave you been receiving creatme over one year?	nnt for any illness	for a periou
alls anyone in your family complones you are now experiencing?  Make:	ained of similar sy	mptoms to the
Surgery?		
Signature	Date	



GOVERNMENT OF MARSHALL ISLANDS

Name	/ • •		Sex_	F	Age $\sqrt{f^2}$	
Reside	nce:					
	1960-19 1966-19 1972-	- Magni				
Short	descript.	ion of sympto	oms: Slin	tour of be	inth, HEADAG	到红了
Jews Jeine	during	ever; diffre The melling	ah total	roting, p	inthe, HEADAC	siegung izt
Surgery	y ( Surp	ecting Thymas	<u>, (°)</u>	Year		
		receiving tre	eatment fo	r any illnes	s for a period	•
ones y		your family o	2007	•	symptoms to the	(m)
				• •		
Signat	ure,			Date //	15/79	•
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### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

''			•
Name	Sex_N	Age ? 3	
Residence:			
1954-1960 — Utrik 7 1960-1966 — Utrik 7 1966-1972 — Utrik 7 1972- — Utrik	(tot)	C	<b>.</b>
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(nut: been to some of	x, for same)	*	
surgery Thyrizdetimy	Year j	975	
over one year?	atment for any ill	ness for a period	
has anyone in your family coones you are now experiencing		ar symptoms to the	
Surgery?	( )		
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### GOVERNMENT OF THE MARSHALL ISLANDS

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Short descriptio	n of symptoms:	stonly	loving de	S.C.
Krizana.	, headach	~, /	7	
Surgery		Ye.	ar	
have you been recover one year?	ceiving treatme	ent for any :	illness for	a period
Mis anyone in yo ones you are now	ur family comp. experiencing?	lained of siz	milar sympto	oms to the
Surgery? OLo				
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Signature	-	Date	1/10/14	; 
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GOVERNMENT OF THE MARSHALL ISLANDS

Name	· .		Sex	M	Age	2 <u>7</u>	
Residen			<del>-</del>				
	1966-1972 1972-	•	Jus Ma				
Short ć	escriptio	n of symp	toms: //ca	Turnes	s. diffe	culting	
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	in h	i lirtje i	whom the	bosit- was	dropped		
Surgery	)2			Year_			
	u been re e year?	ceiving t	reatment fo	or any illn	ess for a	period	
		ur family experien		l of simila	r symptoms	to the	
Surgery	? <u>)//6</u>	(Day	the ice	fot info	ital)		
Signatu	re	<del></del>		Date/	-/a:/79		

#### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name Sex Age )-
Residence:
1954-1960 - Dhagan 1960-1966 - Dhagan 1966-1972 - Majan 1972 Majan
short description of symptoms: - Suspected & him the same symptoms as the Dather (She also has
same symptoms as the Dather, ( She when
a swelling
SurgeryYear
have you been receiving treatment for any illness for a period over one year?
has anyone in your family complained of similar symptoms to the
ones you are now experiencing?
surgery? The ( Hu, father)
two 11
SignatureDate
7

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GOVERNMEN. OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Mealth Survey

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1954-1950 - Majana 1950-1955 - M 1955-1972 - W 1972 W		
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The reid Closes		
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unyone in your family comple you are now experiencing?	ained of simila	er symptome to the
2-2,2513/22		<u>.</u>
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#### GOVERNMENT OF THE MARSHALL ISLANDS

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Residence:				
1954-1960 — / Kinic 1960-1966 — // Inferior 1966-1972 — // Idages 1972-	Atac u u			
Short description of symp				
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Restlessness, Sheets.	ing of	the fi	₹.~ <del></del>	
Surgery Thyraichetomy			Year_/	963
Have you been receiving to over one year? 2 am to all -my	or I	Sugued.	midia	ss for a period
Has anyone in your family ones you are now experience	compla			symptoms to the
			,	
Surgery?			<u>-</u>	
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Signature		Da	ate 5/	5/74
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### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	·	_ Sex	11	Age <u> </u>	
Reside	nce:				
	1954-1960 - KWAJALEIN 1960-1966 MATILLE 1966-1972 MATILLE 1972- MATILL				
Short o	description of symptoms:	1070	of He	ADACHLS, FITELING	-
IERLY	WEAK, FAINTING,	NETE (	COLESNES	S, FEELING HUNG	Ę
MI	WEAK, FAINTING, THE TUNE, SLEE	Py	111. THE	- Time-	
Surgery	THYROIDETOMY		Year	1969	
	ou been receiving treatme year? ///	ent for	any illne	ss for a period	
	yone in your family compou are now experiencing?		of similar	symptoms to the	
Surgery	/?				
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Signatu	ire	·	Date	12/29	
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#### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	·····	Sex	F	Age <u>59</u>
Reside	ence:			
	1954-1960 - MAJURI 1960-1966 - MAJURI 1966-1972 - MAJURI 1972 MAJURI			
		(-2	HE-ADA	Active Druit thekt
FAIN	description of symptoms:	TIINB	PAIN, NE	RUCUSNESS,
Surger	y THYROIDELLING	-	Year <u>19</u>	7 <u>f</u>
Have y over o	ou been receiving treatm ne year? //c	ent for	any illness	for a perica
	yone in your family comp ou are now experiencing?		of similar syn	mptoms to the
Surger	у?		,	
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Signat	ure		(pate/_8	779

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#### GOVERNMENT OF THE MARSHALL ISLANDS

Name Sex_/// Age_//
Residence:
1954-1960 — NIATURE: 1960-1966 — LL - 1966-1972 — 1972-
Short description of symptoms: SHERTNESS PREATH
Surgery /Hyroldichony Year 1975
Have you been receiving treatment for any illness for a period over one year?
Has anyone in your family complained of similar symptoms to the ones you are now experiencing?
Surgery? NO
Signature Date 19/79

### GOVERNMENT OF THE MARSHALL ISLANDS

NameSex	Age
Residence:	
1954-1960 - The sync 1960-1966 - In sync 1972- Mayne	
Short description of symptoms: headache, 7	lever, Sweetigales
Short description of symptoms: handach, of always feeling hungary, greet-pain in the	treat , weakness,
nervammers.	,
Surgery Thyprocasting Year 19	79
Have you been receiving treatment for any illness over one year?	for a pericú
Has anyone in your family complained of similar sy ones you are now experiencing?	
THE FATTH	EC_)
Surgery? No.	
da da	/10
Signature Date //9	<del>/-//</del>

### GOVERNMENT OF THE MARSHALL ISLANDS

-	
Name	Sex Age
Residence:	
1954-1960 - liste 1960-1966 - liste 1966-1972 - liste 1972 hitte	ajun
Short description of symptoms: (	difficulty in breathing;
`	
Surgery The roldictions	Year 1919
Have you been receiving treatment over one year?	nt for any illness for a period
Has anyone in your family complationes you are now experiencing?	ained of similar symptoms to the
Surgery? 10- (KATE ###	JUTO) hother
	1/9/19
Signature	Date ////



#### GOVERNMENT OF THE MARSHALL ISLANDS

	Name	•		_ Sex_ <i>/ı</i>	7	Age 32
	Residenc	e:				
	1	966-1972 — 972- —	Releiglaf. Brit Majuro Majuro			
h	Short des Shaka Affic	scription o	et symptoms:	Herdad m. Þa	lus fechi	weak, factions the throat
	Surgery_				Year	
	Have you over one		ving treatmo	ent for a	ny illness	for a period
			family compaperiencing?	lained of	similar sy	mptoms to the
	Surgery?	Ge.	(En)	Lef. 7	to face sheet	6.012)
		Λ				
	Signature	2	• 1	Da	ate skilm	· •
			<del></del>		-	

### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

NameSex_MAge_\(\sigma \mathcal{S}\)
Residence:
1954-1960 - AUR - MATURO 1960-1966 - AUR - MATURO 1966-1972 - AUR - MATURO 1972 AUR - MATURO
Short description of symptoms: Afficially in Speaking Defficially in Scootlawing
SurgeryYear
Have you been receiving treatment for any illness for a period over one year?
Has anyone in your family complained of similar symptoms to the ones you are now experiencing?
Surgery? Ms.
Signature Date V/79

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### GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_	1-	Age (
The Norther was - Johnson Residence:	, in the 1950	3	<del></del>
1954-1960 — [16] 1960-1966 — [16] 1966-1972 — in i 1972-	yeurs Yeurs		
Short description of sym Swelling of Theod always for The Throat.	at many	reg. Conte	my uEAIL
Surgery ? (ct - 1	et .	Year	
Have you been receiving over one year?		r any illness	for a perica
Has anyone in your famil ones you are now experie	encina?	of similar s	ymptoms to the
Surgery?		,	
		-/9	(nc
Signature		Date 4	1/1
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GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	Sex Age 45
Reside	nce:
	1954-1960 - / manc 1960-1966 - mann: 1966-1972 - manc 1972 manc
Short of	description of symptoms: Mendrakes pain in the Thron
news Gody-	description of symptoms: Headaches pain in the Throngers, thating in the hands, weakness friting,
Surgery	Year 1975.
	ne year? (1) and Alle and medication
	yone in your family complained of similar symptoms to the ou are now experiencing?
Surgery	Y?
Signat	Date 5/9/79
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COVLING WASH D.C PLS PASS TO TONY DEBRUM X FOLLOWING IS ADDITIONAL NAMES TO SPECIAL HEALTH SURVEY LIST RE NORTHEN MARS ILSNANDS X AILUK:

X CABLE ALSO SENT FROM AILUK TO INCLUDE ALL THE PEOPLE THERE ON HE LIST X MEJIT: NEIJE ELAI.

X LETTER FOLLOWS X POLSTACOM SENDS

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VIA WUI 0431 05/14+ COVLING WSH



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NAMES SENT BY K. DEBRUM THROUGH COMM.

#### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	Sex F	Age <u>3</u> /
Residence:		
1954-1960		
Short description of symptom	as: Continous	Pain in the time at
Surgery	Yea	r
Have you been receiving trea over one year? YES - 40000	tment for any i	llness for a period
Has anyone in your family coones you are now experiencing	emplained of sim.	ilar symptoms to the
Surgery?	····	· · · · · · · · · · · · · · · · · · ·
Signature	Date	5/1/19

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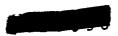
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GOVERNALL. OF THE MARSHALL ISLANDS

Name	Sex <i>F</i>	· 	Age <u>#</u>
acsidence: LIKIEP, MAJURO	AT PRESEN	7	
1954-1960 1930-1936 1966-1972 1972- <i>1</i> 975			
			•
Stort description of sympto CONTINUAL Section	1	WFECTION	
Surgery		Year	
Upon been receiving tre			for a period
anyone in your family condition you are now experience yes, Several OF TH	ng?	F similar sy	rmptoms to the
surgery?		·	
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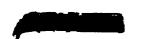
#### J GOVERNMENT OF THE MARSHALL ISLANDS

Residence: LIKIEP  1954-1960 1960-1966 1966-1972 1972-  Short description of symptoms:  Sore Throat  OFTEN halply hear the Voice; Voice/ess  Surgery — Year  Have you been receiving treatment for any illness for a period over one year?  YES, ASTHMA.  Has anyone in your family complained of similar symptoms to the ones you are now experiencing?  YES SEVERAL OF THEM  Surgery?	Name_		· · · · · · · · · · · · · · · · · · ·	Sex F	Age <u></u>
1960-1966 1966-1972 1972-  Short description of symptoms:  - Sore Throat - Often halply hear the Voice; Voiceless  Surgery — Year  Have you been receiving treatment for any illness for a period over one year?  YES, ASTHMA.  Has anyone in your family complained of similar symptoms to the ones you are now experiencing?  YES, Several of them  Surgery?	Residence:	LIKIEF	>		
- Sore Throat - OFTEN hardly hear the Yorce; Voiceless  Surgery — Year — Year — Year — Wes, ASTHMA.  Was anyone in your family complained of similar symptoms to the ones you are now experiencing?  YES SEVERAL OF THEM  Surgery? — Year	196 196	0-1966 6-1972			
Mave you been receiving treatment for any illness for a period over one year?  UES, ASTHMA.  Mas anyone in your family complained of similar symptoms to the ones you are now experiencing?  UES, Several of Them  Surgery?	<b>-</b> 6	PORE THR	DAT		55
Over one year?  JES, ASTHMA.  Has anyone in your family complained of similar symptoms to the ones you are now experiencing?  JES, Several of Them  Surgery?	Surgery			Year	· · · · · · · · · · · · · · · · · · ·
ones you are now experiencing?  YES SEVERAL OF THEM  Surgery?	over one ye	ear?	_	ment for any il	lness for a period
	ones you as	ce now ex	periencing?		lar symptoms to the
Signature	Surgery?				<u>, , , , , , , , , , , , , , , , , , , </u>
Signature	N.		4.		
	Signature_			Date	5/9/19



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_F Age_27
Residence:	
1954-1960 - LIKIEB + 1960-1966+ 1966-1972+ 1972-	(102)
Short description of symptoms: HeruseH. Ne prousuess, Edintin	, chartness of breath, sweat a los
Surgery ACAE	Year
have you been receiving treatm over one year?	ent for any illness for a period
has anyone in your family compones you are now experiencing?	lained of similar symptoms to the
surgery? aunt.	
Signification -	Date MA(10, 1779



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex	Age33_
Residence:		
1954-1960 Literes 1960-1966 Majuro 1966-1972 Majuro 1972-		
Snort description of symptoms: Sore body, headaches great pan in the three	dissegnes at	eating, feveril
Surgery	Year	· · · · · · · · · · · · · · · · · · ·
Have you been receiving treatme over one year?  — (h	nt for any illness	for a period
Has anyone in your family complones you are now experiencing?	ained of similar s	symptoms to the
Surgery? M.		
Signature	Date6	10 - 79
	•	



#### ... ERNMENT OF THE MARSHALL ISLANDS

Name	Sex	M	Age_6_
Residence:			
1954-1960 Likiet 1960-1966 ———————————————————————————————————			
Short description of sympto O Course Voice O Losa of voice O headache - Chill O inflammation of the I			
Surgery None		Year	
nave you been receiving tre	eatment for	any illness	for a period
Has anyone in your family o	omplained o	f similar s	symptoms to the
Surgery? None			
Signature		Date <u>5//</u>	6/79



#### JOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_F	Age 96 yrs
Residence:  1954-1960 Likieb 1960-1966 Likieb 1966-1972 1972- Likieb		
Short description of symptoms:  (1) Course Veice (3) Loss of Vaice (3) inglammation of Phanymy (3) headache - Chiel	nternituly	
Surgery Not yed	Year	
Have you been receiving treatment over one year? yes. for pain	nt for any illness	for a period
Has anyone in your family completones you are now experiencing?	ained of similar syn	nptoms to the
Surgery? 74t yet	, ·	
Signature	Date 5/10,	179

### GOVERNMENT OF THE MARSHALL ISLANDS

	Name	Sex F		Age <u>39</u>	
	Residence:  1954-1960 - Likiep 1960-1966 - Likiep 1966-1972 - Majure 1972 - Majure	Majuro 0			
D	Short description of symptoms fainting, Leadaches, contr	s: FEELING	in the	THE TIME	, Newousse Leverial
	Surgery Suspecting thy road	У.	ear	· · · · · · · · · · · · · · · · · · ·	
	Have you been receiving treat over one year?	*			
	Has anyone in your family cor ones you are now experiencing		imilar syn	mptoms to ti	he
	Surgery?				
	Signature	Date	e 1/9/	79	• 

#### GOVERNMENT OF THE MARSHALL ISLANDS

Nama		sex M	21
Name	<del></del>	Sex_/	Age_31
Residence:	· ·		
	Likiep & h Majan Majan		
snort description Constant swell fork,	of symptoms:	teverist,	HEADACITES,.
Surgery (Sur	ect thyroin)	Year	· · · · · · · · · · · · · · · · · · ·
Have you been recover one year?	ceiving treatme	nt for any illness	s for a period
Has anyone in you ones you are now		ained of similar s	symptoms to the
Surgery?	r.	, , , , , , , , , , , , , , , , , , ,	
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c i an a busa		Date V	7/79
Signature	·	Date_ V//	<del>/ · / </del>

GOVERNMENT OF THE MARSHALL ISLANDS

Name_,		Sex	F_	Age 23	
Residence:	0.0				
	- Likeus 2 - Mains - Mains - Mains				
Short descriptio	n of symptoms	: FEVEL	RUSH, Cons	TANT SWELL	My of
Short descriptio	- & FALLING	out of	ItAIRS (b	ald-spot in the	( fred)
newousnes The head	s, contine Difficulty	is pa	in in T	the balded- Spirit swells	wt -
Surgery		· · · · · · · · · · · · · · · · · · ·	Year		
Have you been re over one year?	ceiving treat	ment for a	any illness	for a period	1
Has anyone in yo ones you are now			similar sy	ymptoms to th	ie
Surgery?			, 		
•					
Signature	· · · · · · · · · · · · · · · · · · ·	, <u>.</u> D	Date 5/	79	

GOVERNMENT OF THE MARSHALL ISLANDS

Name	S	ex	Age 49
			<del></del> -
Residence:	0.1		
1054-1060 - 7	Calin		
1960-1966 - N	1asuro		
1954-1960 — 7 1960-1966 — 7 1966-1972 — 7 1972- — 7	idjur		
1972 /	Gyan		111
	J		and the second
Short description of swallowing or lating.  Shertones of breath	symptoms:	Swelling of the	u throat, otion
- swallowing or lating	E , Fever	herrous	miss, coughing
Setting of breath	5 / /		0 2
	+ auggevers		
Surgery No		Year	
Surgery / v		rear	
Have you been receiving	ng treatment	for any illne	ss for a period
over one year?	<b>.</b>	· · · · · · · · · · · · · · · · · · ·	
J.			
0			
Has anyone in your far		ned of similar	symptoms to the
ones you are now exper	G	4	
,			
Surgery? #0			•
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		/	/ '
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		רחואאטו אטי	1414 41 mm 114 1- 1 - 1 - 1 - 1

#### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

NameSex_F	Age <u>√</u> 9
1954-1960 - Likiep 1960-1966 - Likiep 1966-1972 - Majuro 1972 Majuro	
Short description of symptoms: Fever, heada nervousness, feling weaking fainting, Sweating, difficulty in eating or speake continues pain in the throat.	always feeling bugging
Surgery (The surderway as to the year course of the surdicen throat)	· · · · · · · · · · · · · · · · · · ·
Have you been receiving treatment for any illne over one year?	ess for a period
Has anyone in your family complained of similar ones you are now experiencing? $\mathcal{U}_{\mathcal{O}}$ .	c symptoms to the
Surgery?	
Signature Date	19/19

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#### GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name		'Sex	F	Age /3	
Residence:					
1954-1 1960-1 1966-1 1972-	1960 - Arrie) 1966 - LAKIE 1972 - UKIET	ED EMAJU	Ø		
Short descrip	etion of sympt	coms: (Swi	iller throat	headaches,	SWEAT Alog at -
Surgery No.	yet. (But the treat	Rus been Cri The lay the dr	timorry Ton Year	· · · · · · · · · · · · · · · · · · ·	
Have you beer over one year		ceatment fo	or any illnes:	s for a perio	đ
	your family now experienc			symptoms to t	he
Surgery?	NowE		, <u> </u>		
Signature		_	Moate V	9/79	
,				7 /	-

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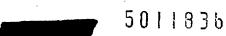
#### GOVERNMENT OF THE MARSHALL ISLANDS

Name		Sex_F	Age 34	
Residence:				
1954-1960 — 1960-1966 — 1966-1972 — 1972-	LIKIEP LIKIEP & M MATHER	2AJURD		
Short description of Deff-1culty 1	of symptoms:	GREAT PAIN	in THE THROAT	) bres ;
DIFFICULTY I AFEELING VER OF TENSETIESS,	y tensoo	, FEELING US NESS, HEADA	EXY WEAK AS RO	55U.
Surgery Nor				
Have you been recent over one year?	ving treatme	nt for any illne	ss for a period	
Has anyone in your ones you are now ex		ained of similar	symptoms to the	
Surgery? /EZ,	<u>C</u> -	- )	•	
Signature		Date	8/79	
			, ,	



#### GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_Pemale	Age <u>37</u>
Residence: Likiep		
1954-1960 1960-1966 1966-1972 1972-		
	,	
Short description of symptoms:	Hydatiform mold	
		· .
		•
Surgery Total Hysterectomy	Year 1	971
Have you been receiving treatment over one year?	nt for any illnes	ss for a perica
	•	
has anyone in your family completones you are now experiencing?	sined of similar	symptoms to the
	· ·	
Surgery?		
•		
Signature	Date	10 119



#### GOVERNMENT OF THE MARSHALL ISLANDS

Name		Sex Male	Age 14
Residence: Liki	en		
incollection.	-F		
195 <b>4-1</b> 960 1960-1966			
1966-1972			
1972-			
			•
	_		•
Short description	of symptoms	: Cleft Palate	
			•
			•
Surgery Cleft Palas	te Correction	(Three Times) Year 1	968 (Guam Memorial Hospital
Have you been rece	eiving treat	ment for any illn	ess for a period
over one year?			
		-	
Has anyone in your	e famile dam	nlaimed of cimilar	r comptons to the
ones you are now e	experiencing	?	r symptoms to the
-	-		
Surgery?			•
•			
			•
			•
	•		
Signature	<u> </u>	Date	0/11/79

#### GOVERNMENT OF THE MARSHALL ISLANDS

Name.	· · · · · · · · · · · · · · · · · · ·	Sex_ <b>F</b>	Age <b>3/</b>
Residen	ce:		
	1954-1960 - LIKIEP 195 1960-1966 - MATURO 1966-1972 1972-	7	
Short de	escription of symptoms:	nervousides, He	Joche,
Surgery	THYEOID OPERATION	Year	176
Have you	u been receiving treatme e year? <b>75</b> 5	nt for any illness	s for a period
	one in your family compluted are now experiencing?	ained of similar s	symptoms to the
Surgery	?		
•			
Signatu	re	Date MAY	8,1979

GOVERNMENT OF THE MARSHALL ISLANDS

<b>~</b>		
Name	Sex	Age <u>27</u>
Residence:  1954-1960 - Likip 1960-1966 - Majuro 1966-1972 - Majuro 1972- — Majuro		
Short description of symptoms: symptom as her sister No.004.	Claimed to Clease peg	have the same for to fact she
Surgery Uterun Fergery	Year //	76
Have you been receiving treatment over one year?	nt for any illnes	s for a period
Has anyone in your family completones you are now experiencing?  Surgery?		sympioms to the
Signature_	Date V	0/79
	/	/ /



#### GOVERNMENT OF THE MARSHALL ISLANDS

•				
Name		_ Sex	Age 38	
Residence: 1954-1960 1960-1966	- Maruro			
1966-1972 _ 1972	- Majino - Majin	2 2		
Short description	of symptoms:	PAIN IN THE BA	OK, SWELLING OF	EYES
AND STREET PARTS GREAT PAIN OBOUT	of 71tz B	is by, GREAT A	EX DIFFUTES, NERL	TOUS ALES
Surgery Ulcress	Operation (	47mm) Year /	1974 1961,	
Have you been recover one year?  76 STRANGE	les. State	ANGE CRE	ess for a period  STATE BIRTH	L
Has anyone in you ones you are now		YES. Ta	vo (sisters)	
Surgery? <u>Jus.</u>	· · · · · · · · · · · · · · · · · · ·	Solm E	= symptoms)	·
Signature		<sub>Date</sub> ✓	110/29	•
· · · · · · · · · · · · · · · · · · ·	· <del>-</del>	/	/ // /	,



#### GOVERNMENT OF THE MARSHALL ISLANDS

Name Sex A Age ##	
Residence: LIKIEP	
1954-1960 1950-1966 1966-1972 1972-	
Short description of symptoms:	
INTESTINAL CANCER - TUMOR	
Surgery 763 Year - 1979	
have you been receiving treatment for any illness for a period over one year?  No.	
has anyone in your family complained of similar symptoms to the ones you are now experiencing?	•
YES	
Surgery?	
Signature Date	



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex	Age V7
Residence:		
1954-1960 Fkiep 1960-1966 1966-1972 Fikiep 1972-		
Short description of symptoms:  Pair The throat 1	Headauhes, ne	wousilss
pain The throat,	Daw on the B	ACK.
Surgery Thyroid operat	lon Year 197	
Have you been receiving treatment over one year?	nt for any illness	for a period
Has anyone in your family completones you are now experiencing?	ained of similar syn	mptoms to the
Surgery?	,	
Signature/	Date	74

#### GOVERNMENT OF THE MARSHALL ISLANDS

NameSex_MAge_60
Residence:
1954-1960 — LIKIED 1960-1966 — Majuri 1966-1972 — Majuri 1972- — Majuro
Short description of symptoms: hendedic centerally, Great Pain The backer, nervousness and fulig weak all the tenters.
Surgery THIREID CHERTION Year 1979
Have you been receiving treatment for any illness for a period over one year? Jes, (Hypertenses)
Has anyone in your family complained of similar symptoms to the ones you are now experiencing?
Surgery?
SignatureDate_\frac{\frac{19}{19}}{}

#### GOVERNMENT OF THE MARSHALL ISLANDS

Name Sex $M$ Age $13$
Residence:
1954-1960 _ LIKIEP 1960-1966
Short description of symptoms: Same AS MOTHER -
REFER TO FACES SHEET No. 607
Surgery TAGROICECTORY Year 1979
Have you been receiving treatment for any illness for a period over one year?
Has anyone in your family complained of similar symptoms to the ones you are now experiencing?  (MoTHEZ)
Surgery? Wo,
11
SignatureDateDate
$m{\cdot}$



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_	F	Age
	LIKIED ATOLL LIKIED & MAjus MAJURO	೭೦	
Short description of familiary, Sweding, Sweding,	of symptoms: Heading a lot,	dache, feet	ing weak all the time
Surgery THY Roil	O PERATION	Year 197	641977
Have you been recent over one year?	iving treatment fo	r any illness f	or a period
Has anyone in your ones you are now ex		of similar sym	ptoms to the
Surgery?			
	•		
Signature		Date 5/8	2/79



#### GOVERNMENT OF THE MARSHALL ISLANDS

Name	SexFAge3/
Residence:  1954-1960 1960-1966 1966-1972  MAJUN 1972-	(?)
13/2-	·
Short description of symptoms:  FAINTING, HEADAGHE,	NERVONSNESS, WEAK
Surgery THYROIDICTOM	Year 1975
Have you been receiving treatm over one year?	ent for any illness for a period
Has anyone in your family compones you are now experiencing?	lained of similar symptoms to the $\mathcal{N}_{\delta}$ .
Surgery?	
	$\int_{\mathcal{A}} dn$
Signature	Date <u> </u>

