401744



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

Kint J. Van Elen

Director

Office of Territorial Affairs

Enclosure

A

GOVERNMENT OF THE MARSHALL ISLANDS

(1921)	
NameSex F Age 58	
(20077) Residence:	
1954-1960 - Ailuk 1960-1966 1966-1972 1972-	
Short description of symptoms:	
Renoval of something for throat.	
Surgery Year 1977	
Mave 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?	
- thypothetry alm - died -	
Surgery? / Surband: Att nepticed to Hawaii - Thyrochestry	K -
Young brokes: check this one - Signature Date	

GOVERNMENT OF THE MARSHALL ISLANDS

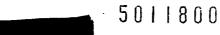
			•	10-	
Name	·	Sex	=	Age	- .
Residence:					
1954-1960 <i>U</i> 1960-1966 1966-1972 1972-	TRIC / AILUI				•
				•	
Short description of	f symptoms:				
surgery Tity Noi De	170my		Year	·	
	,				
Have you been receiv	ving treatmen	nt for a	ny illnes:	s for a per	ici
				•	
Has anyone in your fones you are now exp		CHILD	LOST HAI	R_	
		Son P	bint die	d at 30-	- Ahyrodity
Surgery?					also -
•					
Signature		D	ate		

GOVERNMENT OF THE MARSHALL ISLANDS

NameSex	Age 5/
Residence:	
1954-1960 – Ailule Hen UMih 1960-1966 1966-1972 1972-	
Short description of symptoms:	
	•
Surgery Thyroidectomy Year	1978
Have you been receiving treatment for any ill: over one year?	ness for a period
Has anyone in your family complained of similar ones you are now experiencing? 2 Nelatives - Scatter & hiere.	ar symptoms to
Surgery?	<u>-</u>
Signature Date	
5011700	

GOVERNMENT OF THE MARSHALL ISLANDS

Name	_ Sex F	Age_36_
Residence: 1954-1960 1960-1966 1966-1972 1972-	arluk - 1942 -	
Short description of symptoms:		
Loss of Hair	Lasils?)	
Surgery D. Wiens (Hyra'd		ofor a perici
over one year?		
Has anyone in your family componed you are now experiencing? Son Also was offuede	I m by Wiens:	-Renty
Surgery?		
Signature	Date	



GOVERNMENT OF THE MAINLHALL ISLANDS

Name	Sex	Age 🗸
(Cleck Chart)		
Rasidence:	1	
1954-1960 (Utnk) 1960-1966 1966-1972		
1972-		
Short description of sympto	ins:	•
<i></i>		
surgery Thyroidoctomy	(Dr. Wien) Year	
,	,	
Nave you been receiving tre over one year?	saument for any ill	lness for a pericu
anyone in your family conce you are now experienci Mother:		lar symptoms to the
Surgery?	,	
Signature	Date	



13 i

GOVERNMENT OF MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	/	•	Corr	F	3	
Name_	· · · · · · · · · · · · · · · · · · ·				Age VJ	
Reside	ence:					
	1960-19	60 - (Ante 66 - Wate 72 - Majani - Majan	ri.			
Score	descript	ion of sympto	ms: Sin	town of la	ristly HEAL	ACHET,
hen T	dering	feeling we ever; diffice The swelling	who to the	roting, p	neath, HEAD. inting, Color	Trickt
		ecting Thymas	1			
	me vear?		atment fo:	c any illnes	ss for a perio	á ,
ones y	ou are n	your family c ow experienci	omplained ng?		symptoms to the distribution of the distributi	
Surger	:y? /2.	· · · · · · · · · · · · · · · · · · ·		,		
Signat	ure,	· · · · · · · · · · · · · · · · · · ·		Date	15/79	
	+	5011803		av. 10T 158	TEDIAL DEMOVER	l

PRIVACY ACT MATERIAL REMOVED

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

••					•
Name_	·	<u> </u>	Sex_N	Age	73
Reside	ence:	· · · · · · · · · · · · · · · · · · ·			
		- litrik At Litrik Ali Litrik Ali	oll ett. +78020 - 1014.		
{	3			in, the The	rott may
	to ben & p		Yea	r /975	
	ne vear? :	ving treat	ment for any i	llness for	a period
	yone in your ou are now ex		plained of sim	ilar sympton	ms to the
Surger	Y? (C.		()	<u> </u>	
Signat	ture (Date_	1-/11/79	7

PRIVACY ACT MATERIAL REMOVED

5011804

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Nae	Sex	Age_3/_
Residence:		
1954-1960 - Aller 6 1960-1966 - /2 î. je. 1966-1972 - /2 î. je. 1972-	•	
Short description of symptom	oms: slowly losse	ing light, the
Krozusnus, kiada	char,	
		•
Surgery	Year	
Have you been receiving troover one year?	eatment for any illne:	ss for a period
Mis anyone in your family ones you are now experienc.	complained of similar ing?	symptoms to the
Surgery? Olo	······································	
	A	
Signature	Date_/	10/19

5011365

PRIVACY ACT MATERIAL REMOVED

GOVERNMENT OF THE MARSHALL ISLANDS

	•
Name	Sex
Residence:	
1954-1960 - Wolfe 1960-1965 - holfe 1966-1972 - holfe 1972 holfe	
Short description of symptoms:	Herraumers difficulti in
eating, seing strange	Herveusness deffectly in
Towersh !	the bout was dropped)
Surgery) 2 0	Year
Mayo you been receiving treatme over one year?	ent for any illness for a period
Has anyone in your family complones you are now experiencing?	lained of similar symptoms to the
Surgery? 16 Dought	162 fot infectal)
Signature	Date 7/7 9
,	

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

	•					
Name_			Sex_/		Age)	
Resid	ence:					
·	1963-1966 1966-1972 1972-	- Majani - Majani - Majani - Majani				.
Short	descriptio	n of symptoms:	-Sus	pected.	7 Min	/ /
san	n symp	Tous as the	- 7	attein	She The	in Ma
4	swelling	n of symptoms:	- <u>,</u> ,			
.S	·-··y			Year		
00250	<u> </u>	· · · · · · · · · · · · · · · · · · ·				
	you been re one year?	ceiving treatme	ent for a	any illness	for a pericd	
		ur family complex experiencing?	lained of	similar s	ymptoms to the	3
Surge	ey? <u>No</u>	1 Hen fall	min)			
		,	•	tw.	11	'.
Signa	tuŕe		<u> </u>	ate	10/79	
•	7	, — <u>,</u> — —	. (/	/ / /	

PRIVACY ACT MATERIAL REMOVED

5011807

GOVERNMEN. OF THE WARSHALL ISLANDS

		î	2.ge 42	-
/ 				
1954-1950 - Thagen 1950-1955 - Majon 1955-1972 - Majon 1972 Majon	•			
headadus, menorume	mo: pin	- 7h - 7h	Evat, f	istrust.
They soud Clove	/	Year <u> 150</u>	"	
you been receiving tree	atment for an	y illness	for a pape.	 .
unyone in your family co o you are now experienci:		similar sy	ov emořemy	 .
22.2.		 ·	¥	
v v		W		·
olyvero		co	c/19	



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_ <i>-</i> -	Age <u> 33</u>
Residence:		
1954-1960-7km At. ((1960-1966-1972-11646-1972-11646-1972-11646-11		
Short description of symptoms:		
Headocke, Sweating al	it, fainting	
Restlearnes, Shurking of	The hand.	
Surgery Thyraicketony	Year /9/	3
Have you been receiving treatme over one year? 2 am tre I all my life	hyperal, midicer	
Has anyone in your family complones you are now experiencing?		mptoms to the
Surgery?		
·		
Signature	Date 5/8/7	9



GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	Sex	Λ1	Age
Residence:			
1954-1960 - KUAJALEIN 1960-1966 MATIRI 1966-1972 MAJURE 1972- MAJUR	•		
Short description of symptoms:	1076	on H	EANACHIES FITTLING
VERLY WEAK, FAINTING,	NETEL	COLISAR	55, Feeling Hunger
HERY WEAK, FAINTING, All TITE TIME, SLEE	-py	ALL TH	te time.
Surgery THYKOIDETOMY	,	_ Year	1969
Have you been receiving treatmover one year?	ent for	any illr	ness for a pericu
Has anyone in your family compones you are now experiencing?	lained //	of simila	er symptoms to the
Surgery?			_
Signature		Date	12/29
5011810	DD	/ !\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	/ ************************************

PRIVACY ACT MATERIAL REMOVED

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name, Sex_ F Age_ $\sqrt{59}$
Residence:
1954-1960 - MAJURI 1960-1966 - MAJURI 1966-1972 - MAJURI 1972 MAJURI
Short description of symptoms: (TREAT PATE + LETT) , Diccil the
FETLING VETLY HEAK, JUNIS PHIN, NETWORSNESS,
Surgery THYROIDLETTING Year 1976
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?
Signature // Pate 1/8/79



5011811

PRIVACY ACT MATERIAL REMOVED

GOVERNMENT OF THE MARSHALL ISLANDS

	•	•			•
Name	<u> </u>	Sex N		Age <u>//</u>	_
Residence: 1954-1960 — /1 1960-1966 —	Lh -				
1966-1972 1972-	- ~ ~ ~				
Short description of s HFADACHES	ymptoms:	Stte R	LTNESS O	F BRE	797H 2
Surgery THYROICICH	John J.	*	Year <u>/</u> 9	75	
Have you been receiving over one year?	g treatme	nt for ar	y illness	for a per	ioā
Has anyone in your fam ones you are now exper	ily compliciencing?	ained of	_	mptoms to	the
Surgery? NO			<u> </u>		•
Signature	eine e	Da	ate	179	

GOVERNMENT OF THE MARSHALL ISLANDS

NameSexAge
Residence:
1954-1960 - The spine 1966-1972 - In agrice 1972- Magnet
Short description of symptoms: headach, fever, Sweet jak
short description of symptoms: headache, fever, sweetights always feeling hungry, great point throat, weakines, meroumness.
nervammers.
Surgery THY Moldistany 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? (THE FATTHER_)
Surgery? No.
Signature Date 19/19

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex F		Age //
Traine	Dex		Age
Residence:			
1954-1960 - lietje 1960-1966 - lietje 1966-1972 - lietje 1972 hitte and m	ajura		
Short description of symptoms: (difficult	- in h.	eathing;
Hu 1 ÷		19.19	3
Surgery Thyrocolution,	Y	ear	
Have you been receiving treatment over one year?	nt for any	illness f	for a period
Has anyone in your family complatones you are now experiencing?	TES		nptoms to the
Surgery? 10 (KATE A-TAX)	VUTU)	lutic	
		19	119
Signature	Dat	e	//
	•		



GOVERNMENT OF THE MARSHALL ISLANDS

	Name	- · · · · · · · · · · · · · · · · · · ·		Sex <i>[/</i> /	1	Age 32	
	Reside	nce:					
			- Ackenglage - Arsit - Majuro - Majuro				•
H	short Sha diffe	description king and culty	of symptoms	: Herdan	les feels	the throat	ent.
•	Surger	У		· ·	Year		
		ou been rec ne year? (eiving treatm	ment for an	y illness	for a period	
			r family comp experiencing		similar sy	mptoms to the	
	Surger	y? (Je.	(En)	(Lef. to	fact sheet	t 60.012)	
		٨					
	Signat	ure	, !	Da	te <i>5/1/X1</i>	· .	

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

NameSex_MAge_\(\sigma\)
1954-1960 - AUR - MATTURE 1960-1966 - AUR - MATTURE 1966-1972 - AUR - MATTURE 1972 AUR - MATTURE
Short description of symptoms: Afficially in Speaking difficulty in Swallowing.
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? Mg.
Signature Date Date

PRIVACY ACT MATERIAL REMOVED

5011816

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_	Age (
The Norther was - Fitting in Residence:	The 1950 s	
1954-1960 — Major 1960-1966 — Major 1966-1972 — in ayun 1972- — M. Myun		·
Short description of symptom Swelling of Theoat. Cond always facting The Throat.	mumps type ?	outions para
Surgery (ct - f.e.t	Year	
Have you been receiving treatover one year?	atment for any il	lness for a period
Has anyone in your family coones you are now experiencing	-	lar symptoms to the
Surgery?	·	
		-/9/76
Signature	Date	5/1/7



GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	Sex	F	Age 42	
Residence:				
1954-1960 - / man 1960-1966 - man 1966-1972 - milyan 1972 milyan				
Short description of sympto	ms: Mad	rates p.	in in the	Throng
Short description of sympto herrous . I hading body believe kee the time	in the t	hours, in	caliness for	interf.
Surgery Thy rocketing		Year / 'cĵ'	7.2-	
Have you been receiving tre over one year?				1
Has anyone in your family cones you are now experienci		f similar sy	emptoms to the	e
Surgery?		,		
		:		
		/		3
Signature		Date	174	

PRIVACY ACT MATERIAL REMOVED

5011818

V o COVLING WSH WU WSH WAC015(0136)(1-010973G132)PD 05/12/79 0135 TLXA032 ICS IPMIIHA IISS IISS FM WUI 12 0135 PMS WASH DC UWA9363 MAR656 SXA069 MSA073MT O UWWA CO MSMA 146 MAJURO 146 10 2040GMT VIA MTC RICHARD D. COPA

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

1030A EDT COVLING WSH

WU WSH

VIA WUI 0431 05/14+ COVLING WSH



1.
2.
3.
4.
5.
6.
7.

RIGHT EAR

Names Sent By K. DeBrum through Comm.

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex F Age 3
Residence:	
1954-1960	
Short description of symptoms:	Continous pain in the time at
Surgery	Year
Have you been receiving treatmen	
over one year? Yes - 4.	
	•
Has anyone in your family complatones you are now experiencing?	ained of similar symptoms to the
Surgery?	
•	
Cianatura	
Signature	Date

GOVERNALL. OF THE MARSHALL ISLANDS

المستعدد الم	Sex	<i>F</i>	Age
acsidence: LIKIEP, MAjuro	AT PRESE	NT	
1954-1960 1930-1938 1966-1972 1972- <i>M75</i>			
Start description of sympton CONTINUAL Sect 44		INFECTION	~ /
Surgery	· ·	Year Year	
o you been receiving tro			s for a period
YES, SICKNESS ME	NTION ABO	IVE	
anyone in your family of the you are now experience you are SEVERAL OF TO	ing?	of similar	symptoms to the
surgery?		·	
	-		
Signacure			- 5/1673

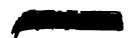
, GOVERNMENT OF THE MARSHALL ISLANDS

Residence: LIKIEP 1954-1960 1960-1966 1966-1972 1972- Short description of symptoms: SORE THROAT OFTEN HARDLY HEAR the Voice; Voiceless Surgery — Year Eave 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? Date 5/9/79	Name_	·	· · · · · · · · · · · · · · · · · · ·	Sex	Ac	ge <u>#/</u>
1960-1966 1966-1972 1972- Short description of symptoms: - SORE THROAT - OFTEN HARDLY hear the Yorke; Voiceless Surgery — Year Mave you been receiving treatment for any illness for a period over one year? YES, ASTHMA. Mas anyone in your family complained of similar symptoms to the ones you are now experiencing? YES, Several of Them Surgery?	Residence:	LIKIEP				
- SORE THROAT - OFTEN hardly hear the Yorce; Voiceless Surgery — Year Eave you been receiving treatment for any illness for a period over one year? UES, ASTHMA. Has anyone in your family complained of similar symptoms to the ones you are now experiencing? UES, Several of Them Surgery?	196 196	0-1966 6-1972	≈			
Mave you been receiving treatment for any illness for a period over one year? YES, ASTHMA. Was anyone in your family complained of similar symptoms to the ones you are now experiencing? YES SEVERAL OF THEM Surgery?	- 6	DORF THROE	1 <i>T</i>	he Yoice, Voice	·/ess	
yes, ASTHMA. Las anyone in your family complained of similar symptoms to the ones you are now experiencing? YES, Several of Them Surgery?	Surgery			Ye	ar	· · · · · ·
ones you are now experiencing? YES SEVERAL OF THEM Surgery?	over one ye	ear?		ent for any	illness for	a period
	ones you ar	e now exp	eriencing?	lained of si	milar sympt	coms to the
Signature	Surgery?				·	·
Signature Date	ų.		٠.			
	Signature_			Date	5/9/19	• •



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex F Age 27
Residence:	
1954-1960 - WKIE 1960-19667 1966-1972 1972-	BATOLL
Short description of symposism	coms: vring, dustrien of breath, sweat all
Surgery ACHE	Year
have you been receiving to	reatment for any illness for a period
ones you are now experience	complained of similar symptoms to the sing? Myer.
surgery? aunt.	· '
•	
Signification -	Date MAI 10, 1979



GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex		Age	
Residence:				
1954-1960 Librep 1960-1966 majuro 1966-1972 majuro 1972-				
Snort description of symptoms Sove body, headache Great Dan in the the	: Differ oot, de	all in	eating, fer	veisle vis
Surgery		Year		
Have you been receiving treats	/ /	1	s for a period	
Has anyone in your family compones you are now experiencing Surgery? Mb.	′	of similar	symptoms to the	
Surgery: 106.			,	
				•
Signature		Date 5-	10-79	
	•			

... ERNMENT OF THE MARSHALL ISLANDS

Name	Sex	Age6
Residence:		
1954-1960 Likiet 1960-1966 —— 1966-1972 1972-		
Short description of symptoms: O Course Vaire B Losa of vaire D headache - Chiel G inflemmation of the Throat	<i>*</i>	
Surgery None	Year	
have you been receiving treatme over one year? year	nt for any illnes	s for a period
Has anyone in your family complones you are now experiencing?	ained of similar	symptoms to the
Surgery? None		
Signature	Date 5/	10/79



JUVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	Sex_F	Age 96 yw
Residence:		
1954-1960 Likieb 1960-1966 Likieb 1966-1972 1972- Likieb		
Short description of symptoms: (1) Course Veice (3) Loss of Vaice (4) inglammation of Phanymy (5) (5) headache - Chiel	enternituly	,
Surgery Not ged	Year	· · · · · · · · · · · · · · · · · · ·
Have you been receiving treatment over one year? yes. for pain	nt for any illness	for a period
Has anyone in your family comploones you are now experiencing?	ained of similar sy	mptoms to the
Surgery? Tut yet	· ·	
Signature	Date 5/10	179

5011828

PRIVACY ACT MATERIAL REMOVED

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex F	Age 39
Residence: 1954-1960 - Like 1960-1966 - Like 1966-1972 - Ma 1972 Ma	juro majaro	
Short description of symplesty, (ortineous pair in	the throat, feverials
Surgery Justicling thy ra	Year	· · · · · · · · · · · · · · · · · · ·
Have you been receiving over one year?	treatment for any il	lness for a period
Has anyone in your famil ones you are now experie		lar symptoms to the
Surgery?		· · · · · · · · · · · · · · · · · · ·
·		
Signature	Date	V/9/79

GOVERNMENT OF THE MARSHALL ISLANDS

NameSex_MAge_31_
Residence:
1954-1960 - Lakiep & majuro 1960-1966 Likiep & majuro 1966-1972 Majuro 1972- Majuro
Short description of symptoms: FEVERISH, HEADACITES,. Forstant swelling of the throat, chafficulty in swallow
Surgery (Surfect thykoin) Year
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? ~.
Signature Date 19/79

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex_	F	Age <u>23</u>	
Residence:				
$ \begin{array}{r} 1954-1960 - f_{4} \\ 1960-1966 - f_{4} \\ 1966-1972 - f_{4} \\ 1972 f_{4} \end{array} $				
Short description of sy	emptoms: FE	reputt, con	CTANT SWELLIN	y of
THE THROATS FA	LUNG OUT	OF ITAIRS (B	rald-spot in the #	()
Short description of sy THE THROAT & FA Newousness, Co The head - Diff Surgery_	iculty in	Pain in the	the balded-sport	T ~
Surgery	<u>, </u>	Year		
Have you been receiving over one year?	g treatment fo	r any illness	for a period	
Has anyone in your fami ones you are now experi			ymptoms to the	
Surgery?		, , , , , , , , , , , , , , , , , , ,		
•				
Signature	· ->~ 1 /	Date 5/	79	-

GOVERNMENT OF THE MARSHALL ISLANDS

Name		Sex	F	Age 49	
Residence:					
Residence.	60 - Lakiejs 66 - Majuro 72 - Majuro - Majuro - Majuro				•
1954-196 1960-196	56 - Mains	•			•
1966-19	12 - majure				
1972-	- Mygun			٠	0 11.0
			,•		of the
Short descript: - swallowing of h	ion of symptoms	: Swe	Chang of the	unout, of	194
- swallowing o	Vocation . For	ر. بر الم	enora, a	iesa, con	chung 4
Value of	seath for	Αω,			5
Justines / 10	Lawyen	res			
Surgery /			Year		
· · · · · · · · · · · · · · · · · · ·		·	. 1001	······································	
	receiving treatm	ment for	any illnes	s for a perio	bd
over one year?	Co				
	f.				
Has anvone in v	our family comp	olained o	of similar	symptoms to t	:he
	w experiencing				
	•	ga	×		
Communica A					
Surgery?	0	 			
•					
		,			
	,		, ~	9/19	
Signature	<u>.</u>		Date 0/	////	
	5011832		/	/ /	
	0011002	10	ΡΙΛΑΟΥ ΔΩΤ	MATERIAL REMO	JAFD

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	$_{Sex}$ \mathcal{F}	Δ.	ge 19	
- Welf			<u> </u>	
Residence:				
1954-1960 – Likiep 1960-1966 – Likiep 1966-1972 – Maziero 1972- – Majaro				
	- 1.	o o di	Shorten of bre	att
revousness, feling weaky	funta	is, alway	ys feeling high	7.1
Short description of symptoms: nervousness, fieling weak, Sweating, difficulty in the continues pain in the the	troat.	aking, ve	the company	kan
Surgery (Tuden is still underway) course of the suddless	as to the Yeathroat	r		
Have you been receiving treatme over one year?	ent for any i	llness fo	r a period	
Has anyone in your family compones you are now experiencing?	lained of sim \mathcal{U}_{o} .	ilar symp	toms to the	
Surgery?		,		
at the second of				
Signature	Date_	V/9/7	14.	

GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	Sex F	Age_/3
Residence:	•	
1954-1960 - HARIET 1960-1966 - LAKIET 1966-1972 - N 1972 LIKIET	TO E MATURD	
Short description of sympto Difficulty in eating, pas	oms: (Swoller throat) 3 Continuen più	healasher, SWEAT ALOT
Surgery Not YEt But hu treated	leg the doctors) Year	
Have you been receiving tre over one year?	eatment for any illness	for a period
Has anyone in your family cones you are now experienci		ymptoms to the
Surgery? Now	,	
Signature_	- voate V/9	179

GOVERNMENT OF THE MARSHALL ISLANDS

Name	S	ex	Age 34
Residence:			
1954-1960 — 1960-1966 — 1966-1972 — 1972-	LIKIEP LIKIEP & MA MATHEO	JURD	
Short description o	f symptoms: G	REAT PAIN THE	IN THE THROAT, - PAIN, SHORE, BA
FEELING VER	y tenses, NERVOUSNO	FEELING UZ	- pain, SHURZ BA RY WEAK AS RES
Surgery Nor			
Have you been recei	<u> </u>	for any illnes	s for a period
over one year?	10.		
Has anyone in your ones you are now exp	family complain	ned of similar	symptoms to the
Has anyone in your :	family complain periencing?	med of similar	symptoms to the
Has anyone in your : ones you are now exp	family complain periencing?	ned of similar	symptoms to the



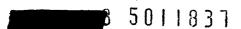
GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex Pemale	Age <u>37</u>
Residence: Likiep		
1954-1960 1960-1966		
1966-1972 19 72-		
1	•	·
Short description of symptom	S: Hydatiform mold	
		· ·
		•
		·
Surgery .Total Hysterectomy	Year	1971
Mave you been receiving trea over one year?	tment for any illne	ss for a period
	•	
has anyone in your family co	mplained of similar g?	symptoms to the
	,	
Surgery?		
Signature	Date 5	10.119
		



GOVERNMENT OF THE MARSHALL ISLANDS

Name		Sex Male	Age <u>14</u>
Residence: L	ikiep		
1954-196 1960-196	6		
1966-197 1972-	2		
Short description	on of symptom	S: Cleft Palate	
Surgery Cleft Pa	alate Correction	(Three Times) Year 1	968 (Guam Memorial Hospita
Have you been rover one year?	eceiving trea	tment for any illn	ess for a period
		•	
Has anyone in you		mplained of simila	r symptoms to the
			·
Surgery?			
•			,
			•
Cianatura	•	Date	5/11/79
Signature			



GOVERNMENT OF THE MARSHALL ISLANDS

Name	• · ·		Sex_ F	Age_ 3	_
Residenc	e:				
7	.954-1960 • .960-1966 • .966-1972 .972-	- Likiep 195 - Waturd	7	•	
Short de	scription	of symptoms:	nervous NESS,	Bertocky	
	·				
Surgery_	THYROID	OPERATION	Year Year	1976	
Have you over one		iving treatmen	nt for any il	lness for a pe	eriod
		family compla	ained of simi	lar symptoms d	to the
Surgery?	*	· · · · · · · · · · · · · · · · · · ·		. · ·	
					·
Signatur	e		Date	MAY 8,1979	7

. GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name Sex F Age 27	
Name Sex Age 27	
1954-1960 - Likip 1960-1966 - Majuro 1966-1972 - Majuro 1972- — Majuro	
Short description of symptoms: (lained to have the same symptoms as her sister. Please refer to fact she No. 024.	z Z
Surgery Uterun Surgery Year 1976	
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?	
Signature	

PRIVACY ACT MATERIAL REMOVED

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex	<u> </u>	Age 38	
Residence:				
1954-1960 - 0 1960-1966 _ 1966-1972 _ 1972-		•		
_	Mayeur			
Short description o	f symptoms: PAIN	IN THE BACK	(, Swelling of Eyes	>
AND STATE PARTS GREAT PARTS	OF THE BODY	GREAT HE	+ DAGHES, NERVOUSAS	ES\$,
GREAT PAIN OBSUM	not gam,			
Surgery Ulrus O	peration (9 7im	Year //	674 1961,	
Have you been received over one year? Ye	o. STANG	ECRE		
Has anyone in your ones you are now ex		and the same of th		
Surgery? Ju.		Sam E	symptoms).	
		•		
			ha la	
Signature		_ Date	19/79	



GOVERNMENT OF THE MARSHALL ISLANDS

Majuro, Marshall Islands Special Health Survey

Name	· 	Sex_	<u> </u>	Age #
J	,			
Residence:	LIKIEP			
195	4-1960 0-1966 6-1972 2-			
·				
Short desc	ription of symptoms	5 :		
INT	ESTINAL CANCER	- TUMOR		
Surgery	463		Year —	1979
<u></u> -				
over one ye <i>Mo</i> . Has anyone	in your family con	plained of		· .
UES	re now experiencing		·	
	•	-		
Surgery?				
		•	•	
Signature_		Da	ate 5/10/	79
•				

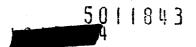


GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex	Age V7
Residence:		
1954-1960 Fkiep 1960-1966 1966-1972 Fikiep 1972-		
Short description of symptoms: Pair The throat of	Healaches, n	ewousalss
pain The throat, f	Daw on the B	sax.
<i>.</i> • 0 -	7 /	
Surgery Thyroid operat	lon Year 197	7
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 syn	mptoms to the
Surgery?	,	
	.	
		/
Signature/	Date <u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</u>	79
	/ /	/

GOVERNMENT OF THE MARSHALL ISLANDS

NameSexAge6O
Residence:
1954-1960 — LIKIED 1960-1966 — Majuri 1966-1972 — Majuri 1972- — Majuro
Short description of symptoms: headedu cendersly, Great Pe in The backton, nervousness and fulig weak all the to tensement,
Surgery THYREID CHRATION Year 1979
Have you been receiving treatment for any illness for a period over one year? Jes, (ffygurtuses)
Has anyone in your family complained of similar symptoms to the ones you are now experiencing?
Surgery?
Signature Date 1/9/79



GOVERNMENT OF THE MARSHALL ISLANDS

Name		·	Sex M	Age /3	
Reside	ence:				
	1954-1960 — 1960-1966 1966-1972 1972-	LIKIEP U ZI MATU	MATURO 20		
			SAME , HEET No.		Z -
Surger	y TAJROI	dectory	Year_	1979	
	ne vear?	iving treatm	ent for any ill	ness for a per	iod
	yone in your ou are now ex		lained of simil		the
Surger	y? No,			_	
		-	Date	M8/29	
Signat	.ure		. Date	1 1 1	

GOVERNMENT OF THE MARSHALL ISLANDS

Name	Sex	F	Age
Residence: 1954-1960 1960-1966 1966-1972 1972-	LIKIEP & MAju MAJURO		
Short description Lauting, Swed) in swallow	of symptoms: Hea	dache, fee	ling Weak all the time
Surgery THYROI	D OPERATION	Year 19	16+1977
Have you been rece over one year?	iving treatment fo	or any illness	for a period
Has anyone in your ones you are now e		of similar sy	mptoms to the
Surgery?			
Signature		Date	8/79
•	•		



GOVERNMENT OF THE MARSHALL ISLANDS

NameSex_FAge_3	
Residence: 1954-1960 1960-1966 1966-1972 1972- MATURD ATOLL	
Short description of symptoms: NexuniNETS, WEADAGHE,	NG WEAK
Surgery THYROIDIOTOM Year 1975	
Have you been receiving treatment for any illness for a pover one year?	period
Has anyone in your family complained of similar symptoms ones you are now experiencing? $\mathcal{N}_{\mathcal{E}}$.	to the
Surgery?	
Signature Date 1/1/1	

