-- N O T E --

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	JAN-SUNC 1978

APPROPRIATION COMMITTEE HEARING TRANSCRIPT

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900 AT JANE 27, 1978

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We shall appreciate your cooperation.

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Francis M. Wiles

Enclosure

DOE ARCHIVES

PAGE NAME: HAP170060 RPTR CANTOR [10 a.m.] 2 DEPARTMENT OF INTERIOR AND RELATED AGENCIES APPROPRIATIONS 3 US DOE ARCHIVES FOR 1979 326 U.S. ATOMIC ENERGY COMMISSION 5 Monday, June 19, 1978 Collection Dos Deal Files Box 13 506 1326 TRUST TERRITORY Folder Marshall Islands JAN-JUVE 7 Witnesses RUTH G. VAN CLEVE, DIRECTOR, OFFICE OF TERRITORIAL 8 AFFAIRS, DEPARTMENT OF THE INTERIOR 9 GEORGE MILNER, DEPUTY DIRECTOR FOR PROGRAM AND POLICY, 10 11 OFFICE OF TERRITORIAL AFFAIRS, DEPARTMENT OF THE INTERIOR 12 JOHN deYOUNG, SENIOR STAFF ASSISTANT FOR PACIFIC AFFAIRS, 13 DEPARTMENT OF THE INTERIOR HUGH GALLAGHER, BUDGET OFFICER, OFFICE OF TERRITORIAL 14 AFFAIRS, DEPARTMENT OF THE INTERIOR 15

C. BREWSTER CHAPMAN, ASSISTANT SOLICITOR, DEPARTMENT OF THE INTERIOR

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LEO M. KRULITZ, SOLICITOR, DEPARTMENT OF THE INTERIOR

JOSEPH DEAL, ASSISTANT DIRECTOR FOR FIELD OPERATIONS,

20	DIVISION	OF	OPERATIONAL	AND	ENVIRONMENTAL	SAFETY,	DEPARTMENT

- 21 OF ENERGY
- 22 TOMMY McGRAW, DIVISION OF OPERATIONAL AND ENVIRONMENTAL
- 23 SAFETY, DEPARTMENT OF ENERGY
- DR. WALTER WEYZEN, DIVISION OF BIOMEDICAL AND
- 25 ENVIRONMENTAL SAFETY, DEPARTMENT OF ENERGY
- GERALD B. HELMAN, DEPUTY ASSISTANT SECRETARY OF STATE FOR
- 27 INTERNATIONAL ORGANIZATION AFFAIRS, DEPARTMENT OF STATE
- 28 OSCAR DEBRUM, DISTRICT ADMINISTRATOR, MARSHALL ISLANDS
- 29 DISTRICT, TTPI
- 30 TOMAKI JUDA, MAGISTRATE, KILI COUNCIL, KILI COMMUNITY,
- 31 MARSHALL ISLANDS
- 32 | NATHAN NOTE, SCRIBE, KILI COUNCIL, KILI COMMUNITY,
- 33 MARSHALL ISLANDS
- JENDRIK LEVITICUS, REPRESENTATIVE OF THE CURRENT RESIDENTS

 DOE ARCHIVES
- 35 OF BIKINI ISLAND
- 36 KESSAI NOTE, INTERPRETER AND MEMBER OF THE KILI COMMUNITY
- JOHNATHAN M. WEISGALL, COUNSEL, COVINGTON AND BURLING,
- 38 WASHINGTON, D.C.

39	Mr. Yates. The hearing will come to order.
40	Mrs. Van Cleve, would you like to join us at the table?
41	We are pleased today to have with us again Mrs. Ruth G.
42	Van Cleve, Director, Office of Territorial Affairs of the
43	L Joseph Deal, Department of Department of
44	Energy; Mr. Gerald Helman, Deputy Assistant Secretary of
45	State for International Organization Affairs.
46	I am told that Mr. Winkel will not be with us this morning
47	because of his son, which is understandable.
48	I think we had better get all the people who are going to
49	say anything up from the table here.
50	You are from the State Department. We thank you for
51	coming this morning.
52	Mr. Deal, do you have anything to say?
53	We have a statement from Mrs. Van Cleve. Your statement
54	and Mr. Winkel's statement may be made a part of the record. DOE ARCHIVES
55	[The information follows:]
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58 Mr. Yates. Mrs. Van Cleve.

Mrs. Van Cleve. Mr. Chairman, if I may give a very brief summary of mine, then I would like very much to read the High Commissioner's statement, if I may. It is a report on his recent trip to the affected islands, and I think it would be helpful if it were fully presented.

My own brief statement says simply that the representations that we made to you at our hearing in May we 66 are continuing to meet. We expect that the Bikini people will be relocated in the 75 to 90 days that we then projected. We have placed the orders for the raw material for the facilities that are necessary for their temporary relocation, and we have made the selection of Kili Island as the temporary relocation site.

[The information follows:]

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******* INSERT 1B ******* 74

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75 Mr. Yates. What do you do with respect to the desire of 76 the Bikinians to stay where they are at?

You wrote a letter in which you said, in a letter dated June 12: ''At the hearing on Bikini on May 22, I promised to apprise you by June 12 of the results of the visit of the High Commissioner to Bikini to meet with the people living there and to learn their preference for relocation from Bikini Island.

their first preference is to remain on Bikini Atoll. The Bikinians ask that the time between now and the date they must move from Bikini Island be used for additional studies by the Department of Energy to determine more definitely whether or not Eneu is a suitable alternative. We have asked DOE to complete its tests promptly.

''The Bikini Island residents expressed great concern about moving anywhere else in the Marshalls, because to do so would 'intrude upon the rights of others.' If they must leave Bikini Atoll, they have asked the High Commissioner to

designate the site. He currently believes that the final choice would be Jaluit or Kili.

''Mr. Winkel and I will discuss in detail the results of his trip to Bikini, Kili, and Jaluit with you and the Committee at the June 19 hearing.''

[The information follows:]

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Mr. Yates. Your letter indicates that the Bikinians want 102 103 to stay on the atoll. Is that impossible?

Mrs. Van Cleve. In our judgment, it would be improper for 105 them to remain because of the medical risks involved, and 106 the Department of Energy agrees with that conclusion.

Accordingly, we mean to persist in our plans to relocate 108 them, this, in the interests of their physical safety. We 109 recognize, of course, their preference to remain. That is why we have had this problem for some 30 years and will continue for some decades hence. We are simply trying to 112 meet it in the most reasonable way we know, recognizing the physical threats that exist if they remain at least on Bikini Island.

Mr. Yates. Let's look at it a minute before we go to the High Commissioner's statement.

The reason they cannot remain there is because of the ARCHIVES 118 radioactivity of the coconuts and water. It was the food, the intake, rather than the external causes; is that

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Mrs. Van Cleve. I believe it is a combination of both. 121 Mr. Yates. That wasn't Mr. Deal's testimony the last 122 time. As I remember his testimony the last time, it was 123 internal causes rather than external causes; is that right, 124 125 Mr. Deal? Mr. Deal. I think maybe both are right. The external 127 radiation has to be considered. The internal is so high 128 that it overshadows the external. Mr. Yates. How potent is the external; and suppose you 129 130 did not have the internal radiation? Would it be feasible 131 for them to remain? Mr. Deal. The external radiation is about like Denver, 132 Colorado. 133 Mr. Yates. It would be as dangerous as Denver, Colorado 134 is to those who live in Denver? DOE ARCHIVES 136 Mr. Deal. Yes, sir. Mr. Yates. They are not evacuating the City of Denver, 137 138 are they?

mr. Deal. I hope not.

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140 Mr. Yates. So, therefore, the amount of external radiation in the City of Denver is not considered sufficient 141 142 for that city to be evacuated. I assume, therefore, that if 143 that is the same condition on Bikini, the basic cause for 144 your suggestion or your recommendation that Bikinians be evacuated is the ingestion of the food and the water; 145 146 correct?

Mr. Deal. Yes, sir.

Mr. Yates. Now if the Bikinians wanted to stay there, stay on their atoll, if they did not consume the water and the food that was there, I would deduce from what you say that it would be as dangerous for them to live on Kili or Jaluit or any one of the other islands as it would on Bikini, right?

Mr. Deal. Yes, sir, the other islands are quite---

Mr. Yates. That gets us to the basic question then:

DOE ARCHIVES you feed them and give them water from other sources that would permit them to stay on Bikini so that they would not be taking in the radiated food and water? You are looking 12

- 159 for friends in Interior?
- 160 Mr. Deal. If you ask my opinion, Mr. Chairman, I don't
- 161 know. I have personally concluded that it is probably
- 162 impractical to have people living in the area not being able
- 163 to farm it and to take the water form the area. I think
- 164 that is a practical situation.
- 165 Mr. Yates. Suppose you were to plant other coconut trees.
- 166 How long does it take coconut trees to come?
- 167 Let's ask the next question. We talk as though coconuts
- 168 were the only food there. Isn't there other food?
- 169 Mrs. Van Cleve. There is, indeed.
- 170 Mr. Yates. What other foods do they eat?
- 17! Mrs. Van Cleve. Breadfruit, papaya, sweet potatoes.
- 172 Mr. Yates. Are all of these contaminated?
- 173 Mrs. Van Cleve. All of these have turned out to be
- 174 contaminated when grown in Bikini.

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- 175 Mr. Yates. That is because of the soil being
- 176 | contaminated?
- 177 Mrs. Van Cleve. That is correct.

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understand it, yes.

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Mr. Yates. And the contamination in the soil is 178 179 transferred to the food, and there is no way they can grow ---180 food without it being contaminated; is this correct? 181 Mr. Deal. That is correct. Mr. Yates. How much of a chore is it to bring food in 182 183 from the outside? Suppose it were a barren atoll; they 184 didn't have, the opportunity to grow things. Mrs. Van Cleve. I think it is entirely feasible to bring 185 186 | food in from the outside. What we believe, however, also to be true, is that it is not feasible to expect Pacific 187 188 Islanders to live on an island and not eat the things that 189 are growing there and not drink the water that is there. We 190 could feed them entirely from outside sources, but we could not bar them effectively from eating local produce. 191 Mr. Yates. How do they get their water now? What is the 192 193 water that is contaminated? Is it from wells? DOE ARCHIVES 194 Mrs. Van Cleve. It is a groundwater supply as I

Mr. Deal. My understanding is that there are some

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197	cisterns too, some runoff water from rain, but I think it is
198	the wells too. They have to use the wells under certain
199	conditions. There isn't enough cistern water.
200	Mr. Yates. There is not enough cistern water. The
201	cistern water is not contaminated, is it?
202	Mr. Deal. Not to any extent to cause them this kind of
203	problem, sir.
204	Mr. Yates. And the well water is contaminated?
205	Mr. Deal. Yes, sir, it is.
206	Mr. Yates. Is there any way of decontaminating the well
207	water? Can you boil the contaminants out? where product will be dow week-
208	Mr. Deal. No, sir. It would take a very sophisticated
209	system of resins and starf used in chemical processing to
210	remove the radioactivity.
211	Mr. Yates. How difficult and how expensive is it?
212	Mr. Deal. I really don't know. We have never looked at DOE ARCHIVE:
213	that problem that I know of, except back during the fallout
214	days there was a question about decontaminating milk, and.
215	there was some looking at that problem. It is a similar 15

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216 problem here, but we would have to go back and take a hard

- 217 look at that.
- 218 Mr. Yates. Mrs. Van Cleve's assumption is they can't stay
- 219 there.
- 220 Have you looked at alternatives that would permit them to
- 221 stay there?
- You nod your head. That means yes. The reporter has to
- 223 put that in the record and he can't put your nodding head in
- 224 the record.
- 225 Mrs. Van Cleve. I understand. I agree with what you
- 226 | said.
- 227 Mr. Yates. I agree with what you said.
- 228 Mr. Yates. You agree with the postulate that I have made
- 229 that they cannot stay there.
- 230 Mrs. Van Cleve. That is our position.
- 231 Mr. Yates. And the Bikinians say they want to stay there.
- 232 Mrs. Van Cleve. Correct.
- 233 Mr. Yates. I think maybe we ought to get the Bikinians up
- 234 here at this point.

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235 Mrs. Van Cleve. They have a prepared statement, Mr.

- 236 Chairman.
- 237 Mr. Yates. Mr. Juda and Mr. Note, Mr. Weisgall, would you
- 238 take seats up at the table, and let's hear what it is that
- 239 you have to say.
- 240 Mr. Yates. What happened to Mr. Allen?
- 241 Mr. Leviticus. Mr. Allen, as I understand it, no longer
- 242 represents the Bikinians.
- 243 Mr. Yates. Mr. Weisgall, do you have a chair?
- 244 Mr. Weisgall. Yes, I do.
- 245 Mr. Yates. We have here the statement of Mr. Tomaki Juda
- 246 who testified at the last hearing.
- Mr. Juda, we are pleased to have you with us again.
- Do you want to tell us the results of what has transpired
- 249 | since you were last here?
- Mr. Weisgall. Mr. Chairman, I think Mr. Juda would like DOE ARCHIVE
- 251 to have Kasai Note here read his statement if that is okay.
- 252 Mr. Yates. Mr. Note, you may proceed.
- 253 Mr. Note. Thank you, Mr. Chairman.

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254 Mr. Yates. You had better speak up.

255 Mr. Note. [Presented on behalf of Tomaki Juda.] My name
256 is Tomaki Juda, Magistrate of the Kili Council. With me
257 today are Nathan Note, Kessai Note, and Jendrik Leviticus,
258 as well as legal counsel Johnathan M. Weisgall of Covington
259 & Burling in Washington, D.C. Of the four Bikinians before
260 you today, only Jendrik Leviticus currently lives on Bikini.

Mr. Yates. How long has Mr. Leviticus lived on Bikini?

Mr. Note. Four years now.

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263 Mr. Yates. He went back 4 years ago. Had he lived on 264 Kili before?

Mr. Weisgall. He had lived on Kili after the emigration away from Bikini, and he went back to Bikini 4 years ago.

Mr. Yates. You may proceed.

Mr. Note. Mr. Chairman, we accompanied High Commissioner

Winkel on his recent trip to Bikini and Kili, and we held

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many long meetings with the people living on both islands.

Based on these meetings, we can report to you that it is the

strong wish of the people living on Bikini that they not

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273 leave their island. They old us that the President of the 274 United States announced in 1968 that Bikini Island was safe, and they do not now understand why it has now been declared 276 dangerous. Bikini had again become their home, and they are 277 confused as to why they must leave once again.

This confusion was increased by a recent visit of Dr. 279 Conard, who has regularly examined the Bikinians for many years on contract with the U.S. Government. Less than 1 281 week before we arrived with High Commissioner Winkel, Dr. 282 Conard visited the people living on Bikini and told them 283 that Eneu Island was safe and that they could eat and drink 284 the coconuts on Bikini Island. The High Commissioner then arrived to announce that the people had to leave Bikini and that Eneu is not considered safe at this time.

Mr. Yates. Who is Dr. Conard?

Mrs. Van Cleve. He is a doctor employed by the Department DOE ARCHIVES of Energy.

290 Mr. Yates. And he is the one who has been regularly 291 examining them?

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292 Mr. Deal. Yes, sir, he would, at our National Laboratory 293 at Brookhaven, Long Island, New York. They go out every 6 294 months and make examinations of the people and they are now making visits to the Bikinians. It is his people who made 295 296 the whole body county. 297 Mr. Yates. Dr. Conard, according to what our witness is 298 saying, has told them it is all right for them to stay 299 there? 300 Mr. Deal. I wasn't there, sir. I don't know what Dr. 301 Conard said. 302 Mr. Yates. You may proceed. 303 Mr. Note. After the assurances the Bikinians received

from President Johnson in 1968, and especially in light of 305 Dr. Conard's recent visit to the island, the people on Bikini were--and still are--reluctant to face the fact that they must leave. They have therefore asked us to convey two DOE ARCHIVES requests to you today, Mr. Chairman. The first is for you to clarify the comments made by Dr. Conard to the Bikinians

and to determine with what authority he was speaking.

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311	possible that his statements were made on the basis of old
312	information, but his comments, followed shortly by the High
313	Commissioner's visit, resulted in distrust and confusion.
314	The situation faced by the Bikinians is difficult enough as
315	it is without having two well-recognized people visit Bikini
316	within a short time of each other and make contradictory
317	statements about a matter of such importance.
318	Mr. Yates. Let me interrupt again.
319	What about the contradictory statement? You say they have
320	to leave. Dr. Conard says they can stay.
321	Mr. Deal. I think, Mr. Chairman, that the Department of
322	Energy agrees officially with our position that the people
323	of Bikini must leave, the island I cannot speak to Dr.
324	Conard's contradictory statements. I simply don't know
325	about them
326	Mr. Yates. Who can speak to Dr. Conard's contradictory
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we get through with this hearing, we will talk to Dr. Conard

All I can tell you, Mr. Chairman, is that when

330 and get a statement from him? Mr. Yates. Is he here?

Mr. Deal. No, sir. Heristin New York. I think he is out 331 332 in the Pacific now. If he isn't, as soon as he gets to New York, we will get you a statement from him and try to 335 clarify this situation. Mr. Yates. But isn't your postion based upon Dr. Conard's 336 BEST AVAILABLE COPY 337 examination? 338 Mr. Deal. It is based not on his medical examinations but 339 on measurements that were made, which are not really medical procedures as we indicated to you before, with people 340 surrounded by these counters. It is not a medical procedure per se. It is possible he did not have the information. I think that is the best explanation I can give you now, that 343 he didn't have the information from the latest counts that 344 came in when we were here last time. DOE ARCHIVES Mr. Yates. If he examined them, what does he examine them 346

Mr. Yates. If he examined them, what does he examine them

347 for? Why do you have two examinations? Why do you have an

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348 examination that is conducted with your radioactive

349	counters, and also an examination which apparently doesn't
350	mean anything, if what you say is true? Why would Dr.
351	Conard be examining them?
352	Mr. Deal. I think it is a general sick call offering
353	medical help where he can. That is what they usually do
354	when they go to Bikini because there are no problems like
355	there are in Rongelap and Utirik.
356	Mr. Yates. Why would Dr. Conard being an official of the
357	Department of Energy examine them on general sick call?
358	Mr. Deal. It is a humanitarian effort, just humanitarian.
359	Mr. Yates. You mean he is the only doctor that visits the
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361	Mr.Deal. Yes, sir, he is one of the few. I don't know
362	how often the Trust Territory doctors visit.
363	Mr. Yates. What is his function with the Department of
364	Energy? DOE ARCHIVE
365	Mr. Deal. He works for one of our contractors, which is
366	the Brookhaven National Laboratory. Their major effort has how leer been assigned the job of following up on the radiological
367	been assigned the job of following up on the radiological

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368 and the medical side of our problems in the Pacific, and he 369 has been following the Rongelap and Utirik people, and when we realized that Bikini was resettled, we had a monitoring 370 program calling for follow up there, and Dr. Conard's 37.1 372 people, because they were there, they had logistics and they 373 had a counter as part of their program, we just asked them 374 to start following up the Bikinian people too.

Mr. Yates. From what you are saying, it is not Dr. 376 Conard's function to engage in a sick call examination with these people. His function is, as a part of his duties with 378 Brookhaven, to decide whether or not the people can stay there; isn't it?

Mr. Deal. That is right.

Mr. Yates. So then why in the world would he tell them 382 | there is nothing wrong?

Mr. Deal. As I say, I wasn't there, Mr. Chairman. WHEN 384 best I can do is we can find Dr. Conard, we will talk to him DOE ARCHIVES 385 and get you a statement on what he said.

Mr. Yates. Were you aware that Dr. Conard was examining

387 these people?

388 Mr. Deal. Not medical examinations. We knew they were making the whole body counts in their area.

Mr. Yates. It seems incomprehensible to me that if they were making body counts, if Dr. Conard was engaged in making body counts and saw the results of the test, that he would tell these people that everything was all right and give them the impression that they could stay.

Mr. Deal. I am not sure that he had the results instantenously. They do have to do some data reduction when they get back so he may not have had the full information on the counts at the time.

Mr. Yates. When were they examined by Dr. Conard, the socalled sick call? This witness says 'This confusion was
increased by a recent visit of Dr. Conard, who has regularly
examined the Bikinians for many years on contract with the

U.S. Government.''

Mr. Note, when did the examination by Dr. Conard take

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406 Mr. Note. Mr. Chairman, it was around the last week of 407 May and the first week of June.

Mr. Yates. That is after our last hearing, isn't it? At the last hearing it was noted by the Department of Energy that in their opinion they couldn't stay there. It was 411 noted by the Department of Energy that the people living on Bikini were becoming irradiated and they could not stay 412 413 there. Yet after that time, Dr. Conard assured these 414 people, if their testimony is correct, that they could stay; is that correct?

Mr. Weisgall. That is my understanding, Mr. Chairman. Dr. Conard apparently was on Bikini conducting these medical examinations only a few days before High Commissioner Winkel arrived. I believe the High Commissioner arrived some time 420 around June 4 or 5, so we were able to place Dr. Conard's 421 visit as after the May 19 hearing here in Washington, but DOE ARCHIVES before June 2.

Mr. deYoung is now informing me that that is wrong.

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Mr. Yates. What is that, Mr. deYoung?

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425 Mr. deYoung. The Brookhaven medical team was out in 426 Bikini Island the last week of April and the first week of 427 | May. They were back in New York around the 4th or 5th of 428 May, and Dr. Conard did not leave again until last week. Mr. Yates. Did not leave? 423 Mr. deYoung. For the Marshalls. He went back to the 430 431 Marshalls. . Mr. Yates. Is he now in the Marshalls? 432 Mr. deYoung. He is in the Marshalls, now at Kwajalein. 433 434 Mr. Yates. So actually his visit was a month before the 435 time indicated by Mr. Note. 436 Mr. deYoung. That is correct. Mr. Yates. That clears up the chronology then. 437 Do you know what, Mr. deYoung, do you know what Dr. Conard 438 439 told these people? 440 Mr. deYoung. I have spoken several times with Dr. Conard DOE ARCHIVES 441 over the past month. When he was on----Mr. Yates. Where did you talk to him; in the Pacific? 2 442

Mr. deYoung. No, at Brookhaven National Laboratories in

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Long Island, New York. It is true that when he was out in
Bikini Island, the Department of Energy had not informed us
that Eneu Island was not usable. We did not get that
information until just before the May 22 hearing. I think
we got it on about the 15th or 16th of May, so today Dr.

Conard did not have available to him in the field the
information, that Eneu Island was also going to be off
limits.

He did indicate to me that he had said to the people that they should not any longer eat any coconuts on Bikini, which apparently they had been doing. We did not discuss the question of what he said about Eneu, because at that point in time I and other people were not aware that Eneu Island was not going to be available to us as an alternate resettlement.

Mr. Yates. Did he tell them not to eat the breadfruit and the other vegetables as well or just coconuts?

Mr. deYoung. I do not know, because we did not discuss

this particular problem. However, all the other foods had

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463 been determined to be recycling radio nuclides, and the

- assumption is of course that they were told all foods were----
- Mr. Yates. Is that the same thing as saying they were 465 466 contaminated?
- 467 Mr. deYoung. Yes.

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- Mr. Yates. And they were told not to eat these? 468
- 469 Mr. deYoung. That is my understanding.
- 470 Mr. Yates. When were they told not to eat these?
- 471 Mr. deYoung. They were told this I know in the last week
- 472 of April--first week of May meeting. Perhaps the District
- 473 Administrator, Mr. DeBrum, can tell us if any earlier
- 474 warning was issued to them.
- 475 Mr. Yates. How would the warning be issued to them?
- Would it be in writing? Would each of them receive a letter 476
- 477 or how would it be done?
- 478 Mr. deYoung. The District Administrator, Mr. DeBrum, who
- 479 is sitting right behind me, has a representative who
- 480 regularly goes to Bikini, and he has been sending a food
- ship on a monthly basis to Bikini. 481

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482 Mr. Yates. Mr. DeBrum, will you come to the table,

483 please? I think you had better come up here too, Mr.

484 deYoung.

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Mr. DeBrum, tell us when you first told the Bikinians they

486 were not to eat the food on Bikini. Tell us how you told it

487 to them, and tell us what foods you told them not to eat,

488 and whether you told them not to drink any water.

Mr. DeBrum. It is my recollection, sir, it was verbally, not in writing, the instruction passed down to us by the Department of Energy, then the Department of ERDA, to inform them.,

Mr. Yates. When was this done?

Mr. DeBrum. To the best of my recollection, sir, about two years ago.

Mr. Yates. Two years ago you were told to tell them not to eat the food?

Mr. DeBrum. Not to eat the breadfruit, papayas and

499 others.

Mr. DeBrum. We had a meeting and I was announcing that in

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536		Mr.	Yates.	After	you	received	thatwho	did	you	receive
537	that	inst	ruction	from?						

- 538 Mr. DeBrum. I believe it was Mr. Roger Ray of the 539 Department of Energy.
- 540 Mr. Yates. Who is Roger Ray, Mr. Deal?
- Mr. Deal. He is our representative of our Defense Office,

 542 and he is responsible for planning our logistics and helping

 543 our various groups of workers in the Marshall Islands get

 544 proper logistics and so forth. He is our representative in

 545 that area.
 - Mr. Yates. So he two years ago instructed Mr. DeBrum to advise the people in Bikini not to eat the food or drink the water, right? Is that right, Mr. DeBrum?
 - 549 Mr. DeBrum. Yes, sir.
 - 550 Mr. Yates. How did Mr. Ray pass that instruction on to

 DOE ARCHIVES
 551 you, orally or by writing or how?

- 552 Mr. DeBrum. It was orally in a meeting we had on Bikini
 553 Island, sir.
- 554 Mr. Yates. He was there?

555	Mr. DeBrum. Yes, sir.
556	Mr. Yates. And had they conducted tests there at that
557	time? Was this instruction based upon tests that had been
558	conducted by ERDA at that time?
559	Mr. DeBrum. I am inclined to think so, sir.
560	Mr. Yates. You are inclined?
561	Mr. DeBrum. I am not sure.
562	Mr. Deal. Yes, sir, we have been running tests.
563	Mr. Yates. You have?
564	Mr. Deal. Yes.
565	Mr. Yates. And as long as two years ago you knew that
566	there was a condition in existence which required you to
567	instruct the Bikinians not to eat the food or drink the
568	water?
569	Mr. DeBrum. Yes.
570	Mr. Yates. How were they to live then? How were they to DOE ARCHIVES
571	eat and drink?

Mr. DeBrum. We were then providing food at that time sir.

Did you think at that time of evacuating them?

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574 Mr. Yates. How did you do that and what food did you 575 | provide? 576 Mr. DeBrum. We provided regular staple items; rice, 577 | flour, sugar and other items on a regular monthly basis 57.8 | through ships. 579 Mr. Yates. Somebody tells me--I was willing to accept a 580 | statement like that last time, Mr. DeBrum. Somebody tells 581 me it is not that easy to get in. Mr. DeBrum. At times it is not easy, because of the 582 583 conditions, not on Bikini, sir. We have no problem with 584 weather. It is on Kili Island. Mr. Yates. Kili Island, that is right. 585 586 Mr. DeBrum. That is right. Mr. Yates. On Ki Island the surf is so heavy you cannot 587 588 | get in? DOE ARCHIVES 589 Mr. DeBrum. Yes, sir. 590 Mr. Yates. On Bikini you had no trouble at all. When did 591 you start to supply the Bikinians with food?

Mr. DeBrum. We started four years ago, sir.

- 593 Mr. Yates. Four years ago?
- 594 Mr. DeBrum. Yes, sir.
- 595 Mr. Yates. Why did you supply it four years ago?
- 596 Mr. DeBrum. Because they did not have anything to eat,
- 597 sir.
- 598 Mr. Yates. What happened? The coconuts had not yet
- 599 | grown? .
- 600 Mr. DeBrum. They had not yet produced.
- 601 Mr. Yates. What about water?
- 602 Mr. DeBrum. They had cisterns, water in their cisterns.
- Mr. Yates. You did not supply them with water at that
- 604 | time?
- 605 Mr. DeBrum. No. We did not supply them with well water
- 606 at that time becaues well water was questionable, but the
- 607 cistern water was not questionable at that time.
- Mr. Yates. As long as four years ago?

 DOE ARCHIVES
- Mr. DeBrum. As long as four years ago, so we were giving
- 610 them cistern water.

611 Mr. Yates. As long as four years ago the well water was

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612	questionable?	
613	Mr. DeBrum.	Yes, sir.
614	Mr. Yates.	Four years ago would go to 1974?
615	Mr. DeBrum.	Yes, sir.
616	Mr. Yates.	And President Jonson had made his announcement
617	in 1968?	
618	Mr. DeBrum.	Yes, sir.
619	Mr. Yates.	And the Bikinians began to come back starting
620	in 1972?	
621	Mr. DeBrum.	Yes, sir.
622	Mr. Yates.	How long have you been assistant commissioner?
623	Mr. DeBrum.	Since 1972, sir.
624	Mr. Yates.	Since 1972?
625	Mr. DeBrum.	Yes, sir.
626	Mr. Yates.	And you agreed to the first Bikinians coming
627	back to this isla	and? DOE ARCHIVES
628	Mr. DeBrum.	Yes, I was with them, sir.
629	Mr. Yates.	You were with them?
630	Mr. DeBrum.	• •

649 Mr. DeBrum. No, they were not the edible type. They were

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Mr. Yates. Because they were too green?

650 | wild coconuts.

- 651 Mr. Yates. And when did the edible come in?
- 652 Mr. DeBrum. I think it was not until about three years
- 653 ago, sir, two years ago, when they began to bear fruit,
- 654 about two years ago.
- 655 Mr. Yates. So for the previous two years you had been 656 surplying the Bikinians with food and water.
- 657 Mr. DeBrum. With food, not water; with food.
- 658 Mr. Yates. With food. The cistern water was enough?
- 659 Mr. DeBrum. Cistern water was enough, yes.
- Mr. Yates. And they had not been drinking the well water
- 661 at this time, had they?
- Mr. DeBrum. That I do not know, sir. They were told not
- 663 to drink it. I understand they had to use some. This is
- 664 | the information I got.

DOE ARCHIVES

- 665 Mr. Yates. How often did you visit Bikini Island?
- 666 Mr. DeBrum. On a regular monthly basis, sir, on field
- 667 trips.
- 668 Mr. Yates. You went there every month?

669 Mr. DeBrum. No, I did not go there personally. I have been to Bikini about three times, three times in a year I 670 671 visited them. 672 Mr. Yates. Each year? Mr. DeBrum. Each year. 673 674 Mr. Yates. So that starting with 1972 you visited Bikini 675 | three times, a year? Mr. DeBrum. Yes, sir. 676 Mr. Yates. And four years ago you considered that the 677 678 well water was not safe for them to drink? 679 Mr. DeBrum. That is what we were told, sir. Mr. Yates. By whom? 680 681 Mr. DeBrum. By the Department of Energy. 682 Mr. Yates. By Mr. Ray again? Mr. DeBrum. Mr. Ray, yes. It was questionable, sir. 683 DOE ARCHIVES 684 Mr. Duncan. May I ask a question. 685 Mr. Yates. Sure. Mr. Duncan. I am curious when you first read the alleged 686

statement of Dr. Conard, Mrs. Van Cleve.

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688	Mrs.	Van Cleve≱.	. As stated in the prepared statement	tł
689	was being	delivered a	a few minutes ago, this is the first	
690	time that	I had heard	so definitively of what he had said	
691	with respe	ect to the c	coconuts this recently.	

Mr. Duncan. You did not have any knowledge of it until you got into this room this morning, is that it?

Mrs. Van Clevel. I believe that is true, yes.

Mr. Duncan. Mr. Weisgall, when did you first learn of this?

Mr. Weisgall. Mr. Duncan, I was told this yesterday by

Jendrick Leviticus, the Bikinian who currently resides on

Bikini. While this exchange has been going on between

Chairman Yates and District Administrator DeBrum, I

questioned Mr. Leviticus again about what is in the

statement.

DOE ARCHIVES

He agrees he might be wrong on the timing, that in fact

Dr. Conard probably was on Bikini more than a month ago, but

he did repeat that at that time Director Conard said that it

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was okay to eat the coconuts on Bikini. He also does recall

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707 being told two years ago by Mr. DeBrum that the other food 708 on Bikini Island was unsafe, but he is certain that the 709 Bikinians were told in late April-early May, whenever Dr. 710 Conard was last there, that it was okay to eat the coconuts 711 and drink the coconut milk on Bikini Island.

Mr. Duncan. You had no knowledge of these statements at 712 713 | the last hearing, I take it?

Mr. Weisgall. Absolutely not.

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Mr. Duncan. Did you call Mrs. Van Cleve or the office yesterday when you heard about this?

Mr. Weisgall. I spoke last night with Mr. deYoung. I called him at home when I first learned from the Bikinians about the visit of Dr. Conard. I did not meet with them DOE ARCHIVES until about 3 o'clock yesterday.

I called Mr. deYoung at home about roughly 7 o'clock last night. I told them that this statement would be made. I asked him if he knew about Dr. Conard's statement, and I do 724 | not believe he did, but I informed him last night, and I 42

have not seen Mrs. Van Cleve until this morning.

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726 Mr. Duncan. Mrs. Van Cleve, you did not know about this 727 yesterday, I guess?

Mrs. Van Clevel. That is correct.

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Mr. Duncan. Yesterday was Sunday. I supose it would have been difficult to get hold of Brookhaven Laboratories. Did 730 731 you make any effort to get a hold of them this morning to 732 | clarify this, Mr. deYoung?

Mr. deYoung. Dr. Conard is this week in Kwajalein and 734 Majuro in the Marshall Islands.

Mr. Duncan. Yes, you told us that.

Mr. deYoung. I did speak last Friday to his 737 administrative assistant, who had not been with him, so that we were not able to check with Dr. Conard himself precisely what he did say at this late April-early May visit. As he indicated, he had told me after his return that he had been asked the question about, could they eat and drink coconuts DOE ARCHIVES from Eneu Island, and his answer to me was yes, but as I said, that was the same information that we at that time had

in our posession here, because the Department of Energy had

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745 not yet informed us that Eneu Island should not be used.

746 Mr. Duncan. Do you have any, either in the Department of

747 Interior or the Department of Energy, written report from

748 Dr. Conard about that, about Bikini, where he made the

749 | alleged statement?

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Mr. deYoung. Dr. Conard makes his reports to the 751 Division, Biomedical and Environmental Services of the 752 Department of Energy. A representative from that division 753 is here this morning, Dr. Weyzen, who was here before.

I have not seen a copy of the field trip report of the 755 | April visit to Bikini Island.

Mr. Duncan. In due course, Mr. Chairman, I would like to 757 have you call Dr. Weyzen and ask him. There must be some written reports about a statement of this and I would like, if you do not mind, when you get through with these people to call Dr. Weyzen and ask him about those reports. DOE ARCHIVES

I would like to say that I am delighted that you called 762 him yesterday. I sat here for a while and ahd the feeling that we had not a cooperative process operating here but an

764 adversary process, and I am delighted that you called as
765 soon as you learned about it, sir.

766 That is all, Mr. Chairman.

767 Mr. Yates. I refer to our hearings for this year, part 5,
768 page 1171, where we were asking Mr. Deal some questions, and
769 I asked him some questions about monitoring on Bikini
770 Island:

771 ''Mr. Yates. When did you get to see him then?

''Mr. deYoung. As Mr. Deal indicated, when this high
level of cesium was revealed a series of analyses were

775 ''Mr. Yates. When was it revealed?

776 ''Mr. deYoung. In 1976.''

774 carried out.

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777 I do not understand something here. Four years ago,

778 according to Mr. DeBrum's testimony, the Bikinians were told

779 not to drink the water.

DOE ARCHIVES

780 Mr. DeBrum. Well water.

781 Mr. Yates. Well water because of radiation?

Mr. DeBrum. It was questionable at that time, sir; that

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- 783 is the word.
- 784 Mr. Yates. Were they ever told though they would be
- 785 allowed to drink the well water?
- 786 Mr. DeBrum. They assumed that they would be able to when
- 787 they first moved out there. They assumed they could use
- 788 everything on the island.
- 789 Mr. Yates. That is 1972.
- 790 Mr. DeBrum. Yes, sir.
- 791 Mr. Yates. But then four years ago, which would be 1974--
- 792 and you are going to let us know?
- 793 Mr. DeBrum. Yes, sir.
- 794 Mr. Yates. You are going to check the records and let us
- 795 know the exact time.
- 796 Four years ago you were told by Mr. Ray that they should
- 797 | not drink the water?

DOE ARCHIVES

- 798 Mr. DeBrum. Yes, sir.
- 799 Mr. Yates. The well water?
- BDD Mr. DeBrum. Yes, sir.
- Mr. Yates. Was there anything told to you at that time?

802 There were not any coconuts growing at that time. What was growing on the island four years ago? 803 804 Mr. DeBrum. There was some being grown at that time. 805 Mr. Yates. Some coconuts? Mr. DeBrum. They had not been producing. 806 Mr. Yates. No coconuts? 807 808 Mr. DeBrum. No. 809 Mr. Yates. Wild coconuts only? Mr. DeBrum. Wild coconuts. 810 Mr. Yates. What was growing? Was breadfruit growing? 811 Mr. DeBrum. Breadfruit was growing but they had not 812 813 | produced fruit yet. 814 Mr. Yates. No food from breadfruit? 815 Mr. DeBrum. No, sir. 816 Mr. Yates. Was anything else growing? DOE ARCHIVES 817 Mr. DeBrum. Pandanus.

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820 Mr. Yates. Were any tests made of the pandanus at that

Mr. DeBrum. Yes, sir, edible pandanus.

Mr. Yates. Edible pandanus?

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time? Mr. DeBrum. We were told there were some tests made of that. Mr. Yates. Were you told not to eat the pandanus? Mr. DeBrum. Pandanus was one of those classified as not edible. Mr. Yates. Not edible? Mr. DeBrum. Yes, sir. Mr. Yates. So there was nothing they could eat and they could not drink well water four years, correct? Mr. DeBrum. That is my understanding. Mr. Yates. You were there? Mr. DeBrum. Yes, sir. Mr. Yates. Were you the man on the top? Mr. DeBrum. Yes, sir. I still am, sir. Mr. Yates. No double entendre, I hope. DOE ARCHIVES So then when did the coconuts ripen and become adible? Mr. DeBrum. Well, I think two years back, sir. Mr. Yates. 1976?	NAME:	HAP170060 PAGE 45	
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48	837	So then when did the coconuts ripen and become edible?	
	B38	Mr. DeBrum. Well, I think two years back, sir.	48
	839	Mr. Yates. 1976?	

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Mr. DeBrum. 1976 we began to eat. I ate some myself,

841 sir.

842 Mr. Yates. You did?

843 Mr. DeBrum. Yes, sir.

844 Mr. Yates. You look healthy.

845 Mr. DeBrum. Well, I hope I am, sr.

846 Mr. Yates. I hope you are too, but were you told not to

847 eat the coconuts two years ago?

848 Mr. DeBrum. It was questionable at that time, but as

849 people said, when the scientists visited them and worked

850 with them in the field, some of them would express the

851 opinion that it is a safe thing to drink and to eat.

852 Mr. Yates. In 1976??

853 Mr. DeBrum. Yes, sir.

854 Mr. Yates. And this is Dr. Conard working in the field

855 who is saying this?

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DUE ARCHIVES

Mr. DeBrum. That is according to the people, sir.

Mr. Yates. Was there anybody else in the field other than

858 Dr. Conard during this period?

DUE ARCHIVES

866		Mr.	Yates.	Mr.	Weisgall,	is	there	an	answer	to	it	that
867	+ 1 4 1	700	ember?									

868 Mr. Weisgall. I am told, Mr. Chairman, of the name of a
869 Dr. Greenhouse, I believe, who conducted some of the
870 contamination tests at the time.

Mr. Yates. We are now up to 1976. Let's go back to the interrogation on page 1171:

''Mr. deYoung. Were you still with the AEC in 1976?

''Mr. Deal. We were ERDA 1976.

''Mr. Yates. So you became a little more alarmed than when you were the Atomic Energy Commissioner? In 1976 you first encountered this kind of a test? Is this an annual test you are making of the people?''

Of course, in retrospect now my question is not correct,

because you knew about it in 1974. You knew about the water

DOE ARCHIVES

certainly in 1974. In 1976 the coconuts were first becoming

ripe. Mr. deBrum, together with the Bikinians, was eating

the coconuts. But you were not drinking the water?

Mr. DeBrum. Not the well water.

Mr. Yates. And all during the period starting in 1972,

904 every month a ship came to Bikini with food?

905 Mr. DeBrum. Yes.

906 Mr. Yates. And water?

907 Mr. DeBrum. No, no water.

Mr. Yates. Just food? 908

909 Mr. DeBrum. Yes.

Mr. Yates. So they were drinking the cistern water?

911 Mr. DeBrum. Yes.

912 Mr. Yates. And you were supplying them with food. Were

913 you supplying them with enough food?

914 Mr. DeBrum. At times; we tried to supply them with

915 enough. There were times when we could not get there in

916 time, sir.

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917 Mr. Yates. So in the meantime they had to eat coconuts?

Mr. DeBrum. Sometimes they were eating coconuts, yes.

They indicated that to us. 919

DUE ARCHIVES

920 Mr. Yates. They did?

921 Mr. DeBrum. Yes.

Mr. Yates. Why could you not get there in time? 922

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923	Mr. DeBrum. We wanted to get there in time. At times we
924	had broke down in ships, down to one ship, taking it to
925	other islands. Sometimes when the odds were against us we
926	tried to do the best we could.
927	Mr. Yates. What do you mean, the odds were against you?
928	Mr. DeBrum. We were down to one ship at that time.
929	Mr. Yates. And one ship would not service the island or
930	the people?

Mr. DeBrum. It takes three ships to service, make a complete circuit of the Marshall Island group, once a month.

Mr. Yates. How many ships do you need for the food for the people who were on Bikini? Was one ship adequate for a month's supply of food?

Mr. DeBrum. If we have one ship committed to Bikini, yes, one ship will do it. We have a ship that is committed to DOE ARCHIVES also service the other islands in the Marshall Islands.

Mr. Yates. You mean provide food for the other islands?

Mr. DeBrum. Service, it brings in copra and takes in trade so they can buy it.

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942 Mr. Yates. Maybe we had better find out about where you 943 work throughout the islands. This Bikini test and that will 944 come later.

How long would your lapses be? Presumably your schedule 945 946 was one ship a month with food for Bikini.

947 Mr. DeBrum. Yes.

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951 late, sir.

Mr. Yates. And how often were there lapses in this?

949 Mr. DeBrum. Not very much. There were times when we 950 could not provide a ship until it was a month and a half

Mr. Yates. A month and a half late; you mean two weeks 952 953 after the schedule.

Mr. DeBrum. Two weeks after.

Mr. Yates. After the schedule date. And what kind of 956 | food? You said you provided staples? What do you mean by DOE ARCHIVES staples?

958 Mr. DeBrum. Staples in Marshallese terms is rice, flour, 959 canned meats, milk.

Mr. Yates. No coconuts?

- 961 Mr. DeBrum. No coconuts.
- 962 Mr. Yates. I mean from the other islands.
- 963 Mr. DeBrum. We never shipped any coconuts from the other
- 964 islands.
- 965 Mr. Yates. Why would you not? If coconuts were such a
- 966 delicacy for the Bikinians, why would you not provide
- 967 | coconuts for them too?
- 968 Mr. DeBrum. It was not a part of our feeding program, sir.
- 969 Mr. Yates. If you were a Bikinian you would have liked
- 970 coconuts, would you not, from other islands?
- 971 Mr. DeBrum. I would be climbing a tree and getting it
- 972 myself.
- 973 Mr. Yates. You would not worry about it.
- 974 Mr. McKay. Excuse me.
- 975 How do you get coconuts in the program? What kind of a
- 976 | bureaucratic round-about do you have to go through to get
 - DOE ARCHIVES
- 977 them on the program?
- Mr. DeBrum. I guess we just include it, make sure we have
- 979 enough money to go around.

Mr. McKay. Would you have authority to approve it? 980 Mr. DeBrum. No, sir. It would have to be approved by the 981 High Commissioner. 982 Mr. McKay. Could he approve it alone or would he have to 983 get approval up here? 984 Mr. DeBrum. I think he has authority to approve it, the 985 986 High Commissioner. 987 Mrs. Van Cleve. Yes. Mr. Yates. Mr. DeBrum, you said if coconuts were not 988 989 supplied to you as a Bikinian, you would be climbing the trees to get them? 990 991 Mr. DeBrum. Yes, if they were available on the island, 992 yes. 993 Mr. Yates. And they are available on the island, are they DOE ARCHIVES 994 not?

995 Mr. DeBrum. Yes.

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Mr. Yates. So if you do not give them the coconuts they are going to climb the trees to get the coconuts, even if 997 they are contaminated?

999 Mr. DeBrum. They have been doing that, sir.

1000 Mr. Yates. Let's go back to the interrogation?

1001 ''Mr. Deal, you are ERDA in 1976 and then you became a 1002 little more alarmed when you were with the Atomic Energy 1003 Commission, In 1976 you first encountered this kind of a 1004 test. Is this an annual test you will be making to people?

''Mr. Peal. Yes, sir.

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''Mr. Yates. What kind of tests, monthly, semiannually, every four months or what ?

''Mr. Deal. I can supply you a statement for the record and will give you some information.''

Then there is placed in the record appearing on pages 1172 1011 and 1173 a pretty good statement of tests that were made and a very bad estimate of the results of the tests. We find in 1964 the findings, photographed and identified organisms; DOE ARCHIVES 1014 | no gross anomalies seen in plants and animals due to 1015 | radioactivity.

1967, major exposure to the Bikinians is very considerable

1017 on the atoll. 1018 February 1967, confirmed earlier survey results for 1019 external radiation.

That does not tell us anything. CS-137 is there,

1021 strontium 90 predominate in terrestrial organisms, CO-60 and

1022 FE-55 in marine organisms.

1023 What does that mean, Mr. Deal?

Mr. Deal. It means that in the fish that they were

(a)

1025 catching they found cobalt-60 and R-55.

1026 Mr. Yates. In large amounts?

1027 Mr. Deal. I do not know, sir.

1028 Mr. Yates. This result does not show that then?

Mr. Deal. No. We did not try to give you a complete copy

1030 of the reports. We just tried to give you the highlights of

1031 the surveys at the time, and probably, as you say, did a

1032 pretty poor job on that.

1032 DOE ARCHIVES

Mr. Yates. Right. Okay, I think you had better put a

1034 better job in.

Mr. Deal. We can improve this.,

Mr. Yates. Now we turn to June 1970, two years after

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1037 President Johnson says to the people of Bikini, 'You may 1038 return to your ancestral homeland.'' They have a team that 1039 is checking air samples, soils, plants and so forth. Then 1040 | findings: ''Conform earlier survey results,'' whatever that 1041 means, ''levels of PU in air are two orders of magnitude 1042 below FRC guides."

1043 What is PU?

1044 Mr. Deal. Plutonium, sir.

1045 Mr. Yates. Plutonium in the air.

What about cesium and strontium?

Mr. Deal. It is still in the soil, sir, but I do not 1047 1048 think it was getting in the air.

1049 Mr. Yates. It does not say anything in that finding, does

1050 | it?

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Mr. Deal. No, sir. As I say, we will just have to flesh DOE ARCHIVES 1052 | these out for you.

1053 Mr. Yates. Presumably at that time everything was fine.

1054 President Johnson had told the Bikinians they could come

back, right? . 1055

1056 Mr. Deal. Yes.

1057 Mr. Yates. He would never have said that if somebody in authority had not said to President Johnson, it is perfectly all right for these people to come back, right?

1060 Mr. Deal. Yes, that is true.

1061 Mr. Yates. Then we turn to May 1972 and you have another 1062 examination.

''Follow-up survey conducted after coconuts planted on

1064 Bikini and Eniwetok Islands. Team led by University of

1065 Washington with participation by scientists from Western

1066 Environmental Research Laboratory.''

1067 Is that in Portland?

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Mr. Deal. No, sir. It is an EPA laboratory in Las Vegas.

Mr. Yates. Then they had air sampling, checked soils,

1070 plants and animals. This is 1972. The finding is:

DOE ARCHIVES

''Radio nuclide levels slowly decrease. Earlier estimates

1072 confirmed by these data,'' whatever that means. That does

1073 not tell us anything, does it?

Mr. Deal. No, sir.

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1075	Mr. Yates. Except ''slowly decrease.'' We do not know	
1076	from what level they are decreasing, do we?	
1077	Mr. Deal. No, sir. You have to go back to the earlier	
1078	surveys.	
1079	Mr. Yates. You go back to the earlier ones and they do	
1080	not tell us, do they?	
1081	Mr. Deal. No, sir, I am sorry about that.	
1082	Mr. Yates. Then in April 1974 we have another	
1083	examination, nd then we look at the findings, and it says	
1084	''CBEL 50474 in BO 26932.'' It does not tell us very much.	
1085	Mr. Deal. No, sir. They are reports.	
1086	Mr. Yates. Then in November 1974 we have another test.	
1087	Again we refer to CEVO 26932, and BNL 50796 in the press.	
1088	Then in April 1975 you have another survey and again you	
1089	are told to see some reports.	3
1090	Now in June 1975 there is a major survey of Bikini and	
1091	Eneu Island external radiation levels by the Lawrence	

Then we have a finding: ''Exposure rates on Bikini Island

1092 Livermore Laboratory from ERDA, and so forth and so forth.

1112 published. Is it still to be published or was it published,

In October 1977 you have the long-term air sampling but

1132 you do not have any of the other tests there, do you? You have urine tests here in 1970, 1971, 1972, and then in vivo 1133 1134 counting of VS 137 of Bikini residents in 1974. What do those tell us, Mr. Deal, anything? 1135 Mr. Deal. You are looking at page 1175? 1136 1137 Mr. Yates. 1173 at the bottom there, analyzed for strontium and plutonium and cesium. It does not tell us 1138 1139 what happened. It shows a factor of 4 increase over 1970. 1140 Strontium is an increase of a factor of 2 in 1972 over 1970. You should have been alarmed a little bit then, should you 1141 1142 not? 1143 Mr. Deal. We saw the activity rising. Mr. Yates. But this is six years ago? 1144 1145 Mr. Deal. Yes. We saw the activity begin to rise. 1146 Mr. Evans. Will the chairman yield for a question there? DOE ARCHIVES 1147 Mr. Yates. Yes, Mr. Evans. 1148 Mr. Evans. Are these measurements of soil and plant life

1150 Mr. Deal. These are measurements in human beings.

1149 or measurements in human beings?

Mr. Yates. They are looking at the urine of people. In 1151 1152 | 1973 they find that cesium 137 is higher than 1970 by a 1153 | factor of 10, and strontium 90 increased by a factor of 4. 1154 Still nothing is done, is it? In April 1974, first in vivo counting; that is of the 1155 1156 | people themselves, right? 1157 Mr. Deal. Yes, sir. Mr. Yates. Of cesium 137 in Bikini residents, CS 137 1158 1159 urine values about the same as 1973. Strontium 90 levels 1160 down near 1970 values. Plutonium 239 higher than 1970, one by a factor of about 5. 1161 1162 Then 1975 and 1976, you go through this again, and then 1163 1977 higher, higher, higher. Then the first time that any 1164 action is taken to tell the people of Bikini that something 1165 is wrong is a couple of months ago, right? And the tests 1166 are taken and nothing is done, correct, Mr. Deal? You were DOE ARCHIVES 1167 | not talking to your friend in Interior?

1168 Mr. Deal. Yes, sir, we were.

.1169 Mr. Yates. Then what happened?

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1170 Mr. Deal. Oh, yes, we have been making this information 1171 available.

Mr. Yates. What happens then as a result of all these things? You are making them available. Interior did not do anything, did they? What about it, Mrs. Van Cleve?

Mrs. Van Cleve. We have I think been advised as the testing has 'progressed of the results, and at least as early 1177 | as last fall the High Commissioner, and I think this is consistent with what Mr. DeBrum has said, was aware of the 1179 unsafe quality of all of the elements we have discussed; 1180 water, coconuts, vegetables.

Last November he very seriously wanted then to move the people of Bikini land off. It was the hope, however, of the Department of Energy investigators that the tests to be conducted in April would not show an increase in cesium.

The quantity of food brought in from the outside was OE ARCHIVES increased during that period, so that they did not need to rely upon local foods, and because they wanted to remain, the hope was that the test results this spring would permit

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1189 | that result.

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As you know from our testimony in April and May, the test 1190 1191 results did not support that consequence; notwithstanding 1192 the feeding program from the outside, the cesium level 1193 continued to increase. That is why we concluded that they 1194 must be moved.

1195 Mr. Yates. We turn to the bottom of 1174 and Mr. Yates is 1196 asking Mr. Deal some questions, and Mr. deYoung answered a 1197 /few.

1198 ''Mr. Yates. Until 1975, you found nothing. What did 1199 your tests show?

''Mr. Deal. That is when we began to see the rise in 1201 cesium,'' in 1975.

Mr. Deal. That was in the people.

Mr. Yates. That was in the people, right. You saw the DOE ARCHIVES 1204 | rise of cesium. Did you become alarmed in 1975?

Mr. Deal. They were still within the Federal standards.

Mr. Yates. They are still within the Federal standards?

1207 Mr. Deal. That is right.

Mr. Yates. Then you have charts on page 1175, 1176, 1177. 1208 Now what do those charts show, Mr. Deal? I must say that I 1209 1210 | cannot interpret those. Mr. Deal. They show you the cesium, the average, the 1211 1212 | number of people counted and the average level of cesium 1213 that we are seeing in the people. Mr. Yates. Now what is the comparison between----1214 Mr. Deal. The Federal standard would be three microcuries 1215 1216 of cesium. Mr. Yates. And what does the test show? 1217 Mr. Deal. All of these are below that, I believe. I do 1218 1219 not see any that are higher. 1220 Mr. Yates. What about 1977? 1221 Mr. Deal. Yes, I think they are below that too. There

1223 Mr. Yates. Rongelap seems above it, does it not?

Mr. Deal. No, I do not think so.

1222 may have been one person.

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Mr. Yates. What do those figures mean in Rongelap? You

DOE ARCHIVES

1226 have 34.296, number of people 34.296, and then body weight

1227 | 504. What does all that mean?

1228 Mr. McGraw. The Rongolap column No. 34 is the number of

1229 people in the sample. The .2962 is in microcuries, the body

the Fadural standard about 1230 burden of cesium which can be compared with 3.0. It is also

1231 than a factor of 10 below the criteria.

1232 Mr. Yates. If it were above 3, would that be significant?

1233 Mr. McGraw. If it were above 3 we would have difficulty

1234 meeting the standards, sir.

1235 Mr. Yates. You are 296?

1296 3.0

1236 Mr. McGraw. _285 compared to 390, so it is like a tenth

1237 of the value.

1238 Mr. Yates. 296?

1239 Mr. McGraw. It is roughly .3.

1240 Mr. Yates. Yes.

1241 Mr. McGraw. And the value is 3.

1242 Mr. Yates. Okay.

Mr. McGraw. For Bikini 22 people of the sample. The DOE ARCHIVES

1244 | value is 1.3, quite a bit higher than Rongelap, but still a

1245 | factor of like a third of the standard that we would

1246 evaluate with. This is of course 1977 numbers.

1247 As I recall the 1974 data, the value for Bikini was like

1248 .1. On the previous page the value for Bikini was .128, so

1249 between 1974 and 1977 the values went up by a factor of 10.

1250 Mr. Yates. If all this is true, sir, why four years ago

1251 in 1974 were you advising Mr. DeBrum to tell the Bikinians

1252 not to drink the well water and why were you then--you were

1253 bringing food in four years ago because there is no food on

1254 | Bikini?

1255 Mr. DeBrum. That is right, sir.

1256 Mr. Yates. Contaminated or noncontaminated, right?

1257 Mr. DeBrum. That is correct, sir.

Mr. Yates. Then the food came in two years ago, right?

1259 When did the coconut trees start maturing?

1260 Mr. DeBrum. About two years ago.

DOE ARCHIVI

1261 Mr. Yates. Two years ago. Were you allowing them to eat

1262 the food that was growing on Bikini two years ago, Mr.

1263 McGraw?

1264 Mr. McGraw. Were we allowing them two years ago?

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Mr. Yates. Yes.

Mr. McGraw. When was the recommendation made? Did you 1266 1267 say four years ago?

Mr. DeBrum. Yes, approximately about four years ago.

Mr. Yates. You have coconuts growing on Bikini two years 1270 ago. You have pandanus and papayas and breadfruit growing 1271 two years ago. Four years ago you told them not to drink 1272 the water, there was no food. Two years ago had you told 1273 them not to eat the food? Were you told not to eat the food 1274 two years ago?

Mr. DeBrum. That was the time, four years ago, Mr. Chairman, that people were told that they were examining their food and they had suspected ----

Mr. Yates. And they were told not to eat it?

Mr. DeBrum. They were discouraged from eating. DOE ARCHIVI

Mr. Yates. Were they told not to eat the food all through 1281 this period? They were told not to drink from the wells all during this period?

Mr. DeBrum. Yes.

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Mr. Yates. Is that true, Mr. Weisgall?

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1303 Mr. Weisgall. That is not quite the understanding of the 1304 Bikinians.

As Mr. Leviticus has explained to me, the people living on Bikini would eat the food growing on the island even though they had been advised that it was questionable, when there 1308 simply was not enough food. The boats were not coming on as 1309 regular basis as was hoped for, and according to Mr. 1310 Leviticus, when a family would run out of food it would eat 1311 food growing on Bikini, be it coconuts, pandanus, or breadfruit.

Mr. Yates. Let's go back to Mr. Juda's statement.

Mr. Note. The second request we convey to you today, Mr. Chairman, is that your subcommittee closely monitor the upcoming radiological and foodstuff tests to be conductd at Bikini Atoll. The people living on Bikini Island desperately wish to remain on Bikini Atoll, and they are DOE ARCHIVES hopeful that tests on Eneu Island will show it to be safe.

preliminary, and they hope that resettlement on Eneu will

1320 | They understand that the recent test results are

1322 prove to be possible.

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Mr. Chairman, we cannot describe the sorrow felt by our 1323 1324 | people as they learned, with bitter disaappointment, that 1325 they must once again leave Bikini. Despite the 1326 contradictory statements of the U.S. Government over the 1327 last ten years, the people of Bikini have begun to 1328 understand the situation they face. They have told us that if the upcoming tests show that our people will not be able 1330 to live on Bikini or Eneu for the next 40 or 50 years, the 1331 people living in Bikini are prepared to relocate to Kili and 1332 Jaluit.

A move to Kili, however, and the etablishment of Kili as a permanent home for the next two generations of Bikinians cannot come without help from the U.S. Government to develop Kili as a functional, livable community. DOE ARCHIVES

For almost 30 years we have lived on Kili, thinking each year that we will move to Bikini the next year. As we face 1339 the possibility of 50 more years on Kili, it is clear that we must think and plan in longer terms.

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As you know, Kili is an island with no reef and no lagoon, 1341 1342 and access to the island is very difficult for most of the Faced with these conditions, our people have not 1343 year. 1344 processed copra in large quantities because boats visit this 1345 island rarely. Months frequently go by without a visit from 1346 passing ships, and our only communication with the rest of 1347 the world is by radio.

The construction of a long pier on Kili would enble boats to dock at Kili, encourage our people to process more copra, and provide a much-needed tie to the rest of the Marshall Islands. Moreover, a pier would enable our people to regain their fishing skills and make us less dependent on shipments of surplus government food.

Other projects must be undertaken if Kili is to become our permanent home for the next two generations. A short 2,000-DOE ARCHIVES root runway would help to break the isolation we feel from the rest of the world, and it would insure immediate aid in 1358 case of emergency. The few roads on Kili should be improved to enable us to transport copra more easily from one end of

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1360 the island to another. A medical dispensary should be 1361 | built, along with a new school, and our makeshift temporary 1362 homes, our community hall and our warehouse desperately need 1363 renovation.

At the same time, you must realize that Kili is already overcrowded, and the return of so many people from Bikini 1366 | will increase the Kili population by at least 20 percent. We therefore urge the High Commissioner to explore the possibility of relocating some of our people on Jabwor Island on Jaluit Atoll.

Life on Kili is difficult, but with these improvements we 1371 are confident that our people can rally from these sorrowful days and make Kili a real home, with decent communication to the outside world and some kind of economic life.

In addition, we feel that our people, especially the 1375 elderly ones, are entitled to compensation from the U.S. for DOE ARCHIVE 1376 the removal of our people from Bikini and for the virtual dstruction of Bikini and other islands. Medical care wll 77

1378 also be needed, especially for those people who have been

1379 living on Bikini, and their future children.

1380 It is premature to discuss these questions at this time,

1381 however, since there has not been a final determination

1382 concerning the safety of Eneu. If, however, the upcoming

1383 tests show that the entire atoll is unsafe, we ask neither

1384 for your sympathy nor for your shared moral concern. We

1385 simply want, and need your help to resettle our community and

1386 to let us try to become once again the people we were before

1387 the arrival of the atom and hydrogen bombs.

Mr. Yates. Mr. Weisgall, would you ask Mr. Leviticus to describe the kind of procedures -- I don't think it is the kind of procedures.

Can you ask him to describe the providing of the food to the Bikinians, as to whether it was adequate, as to whether it was edible, as to whether it came in on time?

Mr. Weisgall. Yes, sir.

DOE ARCHIVE

1395 Mr. Yates. I am talking about the gentelman who lived on

1396 Bikini. That is Mr. Leviticus, isn't it?

Mr. Weisgall. That is correct, Mr. Chairman. I will ask

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1398 | him.

1399 Mr. Chairman, Mr. Leviticus states that when the field trip ships arrived, they did bring sufficient amount of food 1400 1401 for the time being. They apparently did not arrive on 1402 anything approaching a monthly basis, and that caused the 1403 Bikinians to go into the interior parts of the island and 1404 eat the breadfruit, the coconuts, the pandanus growing 1405 there. These excurions to the interior of the island would 1406 occur in the time period well after the arrival of a ship, 1407 when no new ship was in sight. That accounts for the 1408 Bikinians more or less disobeying what they had been told by 1409 DOE officials, but it was simply the function of not having 1410 enough food. The boats arrived, as I said, not on a monthly 1411 basis.

1412 Mr. Yates. How often were they off schedule, Mr.

1413 | Weisgall?

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Mr. Weisgall. Mr. Chairman, Mr. Leviticus states that 1415 sometimes as much as 3 months would go by without the

1416 arrival of the field trip ship.

1417 Mr. Yates. Mrs. Van Cleve, would your office have records

1418 of when the ships would come to Bikini?

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Mrs. Van Cleve. Mine would not, but they would be 1419 1420 available with the Trust Territory Government in Saipan or 1421 in the districts or both.

Mr. Yates. Would you ask--well, the committee requests 1423 that they be made available going back to 1972, which is 1424 when the group first went there.

1425 Mrs. Van Cleve. We will be glad to do that.

Mr. Yates. That will show the schedule. It will also 1427 show the amounts and kind of food that were supplied.

Mr. Weisgall. I simply asked Mr. Leviticus again if he 1429 was sure of that, and he said frequently 2 and 3 months 1430 would pass between arrivals of ships.

Mr. Yates. Has the schedule been any better of late, recently, rather than earlier, or is there no distinction? $\stackrel{\bullet}{\mathrm{DOE}}$ ARCHIVE

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Mr. Weisgall. Mr. Leviticus reports that the schedule has 1434 improved in recent months.

Mr. Yates. Is there a monthly schedule that is being

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1436 adhered to?

1437 Mr. Weisgall. Mr. Leviticus says in the last 6 months 1438 there have been two ships bringing food, and he reports that 1439 as being a favorable increase in the frequency of visits.

Mr. Yates. I don't understand that answer. I am told, we

1441 are told by the witness, there is a monthly ship. Mr. 1442 Leviticus says in the last 6 months there have been two ships. There is something that isn't subject to 1443 1444 reconciliation.

Mr. Weisgall. A point of clarification, Mr. Chairman. 1446 Mr. Leviticus reported that in the last 6 months there had 1447 been three visits of ships, thus cutting down the time to 1448 once every 2 months, and he reported that this did constitute an improvement over past years.

Mr. Yates. Then it is once every 2 months. It is not DOE ARCHIVES once every month; is that correct?

Mr. Weisgall. He reports that as the norm, approximately 1453 once every 2 months, that the monthly schedule is not

adhered to with any frequency at all. If you want, I will

1455 ask him if in fact ships have been arriving on a monthly 1456 basis at any time. I don't know the answer to that.

Mr. Yates. I would like you to ask him that. Have there 1457 1458 been any times when ships came twice a month to offset that? 1459 Mr. Weisgall. Mr. Leviticus does not remember any time

1460 when the ships have come on a monthly basis.

Mr. Yates. And he has lived there how long? 1461

Mr. Weisgall. Four years, I believe; is that correct? 1462

1463 Four years.

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Mr. Yates. What is the nature of the food that he 1465 receives, what kind of food, and how do they distribute it? Is this a ration coupon system or how is it distributed?

Mr. Weisgall. I once visited Kili, Mr. Chairman. I believe the distribution is somewhat similar. It really is USDA surplus food.

1470 Mr. Yates. How is it distributed? DOE ARCHIV!

1471 Mr. Wesigall. Answering your first question, the type of 1472 | food is rice, canned meats, dry milk, and the food would be

distributed to the heads of the different families living on 1473

1474 Bikini, who in turn would distribute it among the families.

1475 This is similar to the system on Kili.

Mr. Yates. There are 139 people on Bikini now? How many 1476

1477 | families?

Mr. Weisgall. Mr. Leviticus says the food is distributed 1478 1479 to approximately 12 individuals who constitute the head of 1480 | the families, who in turn distribute it to the family

1481 | members.

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Mr. Yates. Is this a satisfactory system?

Mr. Weisgall. Yes, it is Mr. Chairman.

Mr. Yates. All right. 1484

If the boats, if the ships were to deliver the food on a 1486 monthly basis, and the people could thereby live on Bikini,

is this the result that they would favor? 1487

Mr. Weisgall. Mr. Leviticus says that if the boats 1489 arrived on a monthly basis with sufficient amounts of food, 1490 the people would very much like to stay on Bikini Island.

Mr. Yates. Even though they can't eat the food that is 1491

grown there?

Mr. Weisgall. That is correct. 1493

1494 I can only add what others have said before, which is that it is simply very difficult to prevent people, especially 1495 younger children, from eating food. You don't have to climb 1496 1497 a tree to eat a coconut. Coconuts fall to the ground when they are ripe and it is extremely difficult to prevent 1498 1499 little children and others from consuming food that is 1500 growing naturally.

> Mr. Yates. How does a little child open a coconut? Mr. Weisgall. They have their ways.

I should also add the same problem applies to the water situation. Back in 1975 or 1976 the Livermore tests that I read said in layman's terms, I am certainly not a scientists, that six of the seven wells on Bikini Island were not safe, and that the seventh was adequate. And again my thinking there was what do you do if the water situation DOE ARCHIVES does get low?

It is very difficult for a person to restrain him or 1511 herself from eating food or drinking water when there is not

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1512 enough food or water when there is other food and water 1513 | readily available on the island. That is the problem that 1514 is faced.

There has been constant division among the Bikinians 1516 | themselves on this question. There are those who did not 1517 | want to return to Bikini because they were fearful of the 1518 conditions on Bikini, and there are others, such as Mr. 1519 Leviticus, who is one of the older members of the community, 1520 who have wanted to return to Bikini and have simply not been 1521 as concerned about the health risks, and that division still 1522 exists today. The older people are extremely reluctant to leave, and there are older people now on Kili who 1524 desperately want to go back to Bikini.

Mr. Yates. I think it is time for Mr. Winkel's statement, 1526 Mrs. Van Cleve. I think Mr. Winkel's statement will be put DOE ARCHIVES 1527 in the record. I leafed through it before. Apparently 1528 there is no consensus by the Bikinians as to what should be 1529 done. Some want to stay on Bikini. Some will stay on Kili. I think Mr. Winkel points ouy in his statement, he says

1531 ''... preferences of the people are as follows: (1) stay on
1532 Bikini Island until further information is available about
1533 Eneu food and its levels of radioactivity.'' That is their
1534 first choice.

What is likely to change the levels of radioactivity at 1536 Eneu; anything?

Mrs. Van Cleve. There are further experiments to be conducted.

Mr. Yates. Experiments have been going on right along?

Mrs. Van Cleve. That is correct, but the Department of

Energy tells us that it is unlikely that they will result in

any modification of the report that we made to you in May,

which was that Eneu is not safe. However, in order to

satisfy the Bikinians, we do want to have conducted further

experiments because the experiments to date have been rather

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Mr. Yates. They also say that another possibility is to ''Move to 'public domain' land in the State of Hawaii or in mainland United States.''

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What is ''public domain'' land? 1550

1551 Mrs. Van Cleve. I believe I can tell you what those terms 1552 mean for this purpose. The High Commissioner goes on to say 1553 that the Bikinians understand that there is land in the U.S. 1554 that does not belong to other individuals, and thus if they 1555 were to live on such public land, they would not be impinging upon the rights of other private parties. 1556

The High Commissioner correctly says that this option 1558 would require a great deal of careful exploration and does 1559 not hold out much probability of success, but I think we are 1560 talking about BLM public domain lands.

Mr. Yates. Again if they don't like Kili, because it has 1562 no reef and no fishing, they would have to have a special kind of a public domain land, I would think.

Mrs. Van Cleve. There are real problems, of which that is DUL ARCHIVES one.

Mr. Yates. Mr. Winkel continues ''If preferences numbers one and two are not possible, the various spokesmen stated they had no further preferences and that they would leave

1569 the choice of a location to' Mr. Winkel.

The same preferences were expressed at the Kili meeting. 1570

1571 One group wanted to stay.

Mr. Winkel concludes it is quite certain it is composed of 1572 1573 | the majority of the people. He says he told the people that 1574 | preference No. 1, which was to stay on Bikini until they 1575 | could find out about Eneu, appeared to be logical and 1576 justified, and he would recommend it.

Mrs. Van Cleve. He did so, Mr. Chairman, but we then 1577 1578 learned that it would be at least December or January before 1579 we would know the results of the further Eneu tests, and we 1580 did not think that the people should remain on Bikini Island that long.

1582 Mr. Yates. You feel the risks are unacceptable?

Mrs. Van Cleve. That is correct. 1583

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DOE ARCHIVES 1584 Mr. Yates. On both Bikini and Eneu?

1585 Mrs. Van Cleve. That is right.

1586 Mr. Yates. Then he has asked Energy to complete the tests

1587 on Eneu food stuffs as rapidly as possible. NAME: | HAP 170060

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How long will that take, Mr. Deal? 1588

1589 Mr. Deal. I think we told you in April, Mr. Chairman, we 1590 would have a full report and a study done in January. 1591 are still shooting for that period.

Mr. Yates. You can't speed that up?

Mr. Deal. There will be some tests. We will have some 1594 | additional information in August, but we will have a much 1595 more definitive information in January.

Mr. Yates. Then Mr. Winkel continues, of the four 1597 proposed relocation sites, Kili, Jabwor Island in Jaluit 1598 Atoll, and Majuro and Ailinglaplap are considered to be the 1599 least acceptable.

Last time Kwajalein was mentioned as a possibility. I 1601 | don't see that mentioned here. Is that not a possibility?

Mrs. Van Cleve. I think Kwajalein was mentioned as a DOE ARCHIV 1603 possibility if we needed an immediate relocation site. The 1604 suggestion was made by representatives of the Bikinians that 1605 they could be moved instantly into some of the very

substantial facilities there.

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1607 Our conclusion was that we did not require an instant 1608 relocation site, that the 75-90 day interval was sufficiently acceptable, so Kwajalein I believe would not be 1609 useful as a longer term relocation site. It is already 1610 1611 crowded, with a lot of other activities.

Mr. Yates. Then Mr. Winkel concludes ''It is my decision 1613 that the people of Bikini Island should be relocated to Kili Island at this time. Kili Island's deficiencies are 1615 primarily physical in nature and can be overcome in time. The major problems of Jabwor Island involve serious questions of relationships between the peoples, which are 1618 more difficult to deal with and less susceptible to resolution. The administration's legislative proposal for 1620 Bikini rehabilitation, and the legislation just recently approved by the House of Representatives provide a funding 1622 | base for starting the necessary work on Kili Island. 1623 | best balanced program will be to unite the people on Kili and to make improvements in physical facilities,'' and so forth.

1626 What about the Bikinians, Mr. Weisgall?

1627 Mr. Weisgall. What is their wish, Mr. Chairman?

1628 Mr. Yates. Do they want to go back to Kili?

Mr. Weisgall. The Bikinians after these meetings were held on Kili, as the written statement says, they have begun to become aware of the medical risks involved and are

prepared to move, if it is the judgment of, I am not exactly

1633 sure who, that Bikini and Eneu are not safe. They are

1634 prepared to make that move.

Mr. Yates. They would make that move even though every precaution would be taken to prevent them from eating and drinking the contaminated material?

Mr. Weisgall. I can't vouch for that.

1639 Let me pose that question once again.

1640 Mr. Yates. Okay.

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What is the condition of the fish; edible? DOE ARCHIVES

1642 Mr. Deal. Yes, it is edible. The radioactivity is very

1643 low. It is edible.

1644 Mr. Yates. Mr. McKay wants to know where the district

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1645 center is.

1646 Mr. McKay. On your map here.

1647 Mrs. Van Cleve. The district center is Majuro, which is 1648 down, sort of toward the right center.

1649 Mr. McKay. Okay, I see it.

1650 Mr. Yates. Let me ask a question of the State Department.

1651 Mr. Weisgall. We will have a response.

1652 Mr. Yates. You can talk for a while.

During the last hearing, it occurred to me that the United

1654 States is a trustee for the Trust Territory.

1655 Mr. Helman. That is correct.

1656 Mr. Yates. May a trustee remove people from an atoll?

Mr. Helman. It depends upon the terms of the trusteeship

1658 agreement, Mr. Chairman. The trusteeship agreement we have

1659 with the United Nations requires us to have a primary

1660 concern with the health, welfare, and so on, of the people

in the Trust Territory. It comes down in the end, I

1662 believe, to not only what the desires of the people

1663 concerned are, but, objectively, what might be best for them

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- under the circumstances? Depending upon these

 circumstances, I would see nothing inconsistent with our

 obligations as a trustee to remove them from the atoll, if

 that in fact is what is required in order to preserve their

 health.
- 1669 Mr. Yates. Now, what happened in 1946? What right did we 1670 have to remove them in 1946?
- Mr. Helman. I am not sure exactly what the circumstances---
- Mr. Yates. We removed them from Bikini Atoll in 1946 in order to conduct a series of nuclear experiments.
- 1675 Mr. Helman. That is correct.

keeping them on their island.

- Mr. Yates. Is that in keeping with our trust 1677 responsibility?
- 1678 Mr. Helman. We did not have a trust agreement at that

 1679 time. The trust agreement was not signed, I believe, until ARCHIVES

 1680 1947.
- Mr. Yates. So, therefore, we had no responsibility about
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1683	Mr. Helman. We had certainly responsibility towards them
1684	as the soverign, as the power in the area, and I believe
1685	that there were discussions with the people of the area.
1686	Subsequently, when the United States signed the trusteeship
1687	agreement with the United Nations
1688	Mr. Yates. In 1948?
1689	Mrs. Van Cleve. 1947.
1690	Mr. Helman. 1947, I believe, sir.
1691	Mr. Yates. All right, 1947.
1692	Mr. Helman. It was designated a strategic trust, and the
1693	terms of the trust agreement were agreed upon between the
1694	United States and the United Nations, the United Nations
1695	Security Council in this case.
1696	Mr. Yates. Under the terms of that agreement, the United
1697	States had the power to remove people from their homelands DOE ARCHIVES
1698	in order to conduct tests, strategic nuclear tests?
1699	Mr. Helman. It doesn't speak of strategic nuclear tests

or removal of people from their homeland in strategic trust.

However, the trust agreement was arrived at following the

1702 first series of nuclear tests, so the events which occurred 1703 | in 1946 were well known to the Security Council in 1947. The trust agreement itself, as I say, does provide for the 1704 1705 United States establishing various military installations 1706 there. It does also provide that the U.S. has to be 1707 | concerned for the welfare, the health, the education, the development, and rights of the people of the area. 1708

Mr. Yates. Are they entitled to compensation?

Mr. Helman. Compensation, I suppose, would be one way of 1711 dealing with the obligations we have. It is a matter of the 1712 particular circumstances with which we are dealing.

Mr. Yates. As trustee, may we place the people of Bikini 1714 on an island that is the home of other people?

Mr. Helman. It is certainly not excluded. Again it 1716 depends upon the circumstances we are daling with, what is 1717 best, what is required to meet our obligations to the people DOE ARCHIVES 1718 of Bikini. We have to be concerned----

Mr. Yates. You also have to meet your obligations----

Mr. Helman. Towards the other people as well.

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- 1721 Mr. Yates. That is correct.
- 1722 Mr. Helman. That is correct.
- Mr. Yates. So it has to require the consent of both
- 1724 peoples.
- Mr. Helman. Certainly consent would be a part of it. The trust agreement itself does not deal explicitly with the
- 1727 kind of situation we are concerned with today.
- Mr. Yates. When we talk of another place for the people
- 1729 of Bikini to live, as, for example, Majuro, Kwajalein or
- 1730 Jaluit, is the consent of the people who now live there
- 1731 required?
- Mr. Helman. Consent is one way of dealing with the issue.
- 1733 Consent is not required, as I recall, under the trust
- 1734 | agreement.
- 1735 Mr. Yates. In 1956 there was an agreement between the
- 1736 Government of the Trust Territory of the Pacific Islands DOE ARCHIVES
- 1737 Is that the same as the United States?
- 1738 Mrs. Van Cleve. It is a subdivision in effect.
- 1739 Mr. Yates. But it is still the United States.

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1740 Mrs. Van Cleve. Yes.

1741 Mr. Yates. And the people of who, the people of Bikini?

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1742 ''Agreement in Principle Regarding the Use of Bikini

1743 Atoll,'' dated November 22, 1956.

''Whereas, in order for the Trust Territory of the Pacific

1745 Islands to play its part in the maintenance of international

1746 peace and security it became necessary for the United States

1747 of America, the administering authority for the said Trust

1748 Territory, to occupy and use, with the consent of the

1749 inhabitants, all of the atoll of Bikini located in the

1750 Marshall Islands, between 11 degrees 29 minutes North

1751 latitude to 11 degrees 43 minutes North latitude, and 165

1752 degrees 11 minutes East longitude to 165 degrees 34 minutes

1753 East longtitude, thus depriving the owners of the use of the

1754 | said atoll;

1755 ''Whereas, an assembled meeting''----

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1756 Incidentally, is this the agreement that is still

1757 operative?

1758 Mrs. Van Cleve. Yes.

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1759 Mr. Helman. I think so.

1760 Mrs. Van Cleve. Yes.

1761 Mr. Yates. ''Whereas, an assembled meeting was held on 1762 Kili Island on November 9, 1956 with the majority of the 1763 people who possess rights in Bikini Atoll to discuss a 1764 settlement for the past and future use of Bikini Atoll, and 1765 "'Whereas, agreement was reached at said meeting with no 1766 one present dissenting,

''It is hereby agreed as follows:

1776 and 169 degrees 7 minutes East longitude;

''1. The Government of the Trust Territory of the Pacific Islands will grant and convey to all of the people who possess land rights in Bikini Atoll, that is the commoners, according to the accepted Marshallese custom, full use 1772 | rights in the following islands, islets and land parcels 1773 from the public domain of the said Trust Territory: ' -- and 1774 then they talk about ''Kili, also known as Hunter's Island, DOE ARCHIVI 1775 | located at 5 degrees 38 minutes 45 seconds North latitude

''Jebet (Devet) located on the eastern side of the Jaluit

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1778 Atoll at 6 degrees 7 minutes 46 seconds North latitude and 1779 169 degrees 33 minutes 43 seconds East longitude;

''Jar (Djar) located on the eastern side of Jaluit Atoll 1780 1781 at 6 degrees 6 minutes 50 seconds North latitude and 169

1782 | degrees 35 minutes 10 seconds East longitude;

''and the land area on the southern end of Jebwar Island located on the eastern side of Jaluit Atoll known as Lojokar. All government lands south of Lojokar wato to the 1786 | end of Lullol wato.

''All these lands may be divided among the former Bikini 1788 people as they shall mutually agree, and the use rights to the land, lagoon, or reefs of the above mentioned lands, together with all buildings and trees thereon shall be held by them, and their heirs and assigns in accordance with the accepted Marshallese customs.''

What right does the United States have to give the DOE ARCHIVES

1794 Bikinian people those lands?

1795 Go ahead, Mrs. Van Cleve, or the State Department. I bow

to you and you bow to him. 1796

1797 Mrs. Van Cleve. It is my understanding that the United 1798 | States inherited the same rights that the Japanese Government had had when it had a mandate from the League of 1799 1800 Nations and that Kili having been public land of Japan 1801 became public land of the U.S. Trust Territory when it 1802 replaced Japan.

1803 Mr. Yates. Does that mean these lands were held by the 1804 U.S. outright and not as trustee.

Mrs. Van Cleve. The United States has never claimed title 1806 to land in the Trust Territory and that is why it was the 1807 government in the Trust Territory rather than the U.S. as 1808 such dealing with Kili.

Mr. Yates. Then the Trust Territories did not own those 1810 lands, did they?

Mrs. Van Cleve. They were public domain lands of the DOE ARCHIVES 1812 | Trust Territory.

Mr. Yates. Of the Trust, and it was as the trustee that 1814 it was held, right?

Mrs. Van Cleve. Yes.

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1816 Mr. Yates. And how can it as a trustee give those lands

1817 to the people of Bikini if it holds it as a trustee?

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1818 Mrs. Van Cleve. They are comparable to public lands of

1819 the United States, with which the United States--I am

1820 attempting----

1821 Mr. Yates. It owns the public lands. It is not a trustee.

1822 Mrs. Van Cleve. I was going to try an analogy but let's

1823 scrub it because that will get us into trouble.

1824 Mr. Yates. Yes.

1825 Mrs. Van Cleve. There are no individual claims to the

1826 land of Kili. The Island of Kili was held by the Government

1827 of Japan when it held the mandate under the League. All of

1828 the public lands of Japan under the mandate became property

1829 of the Trust Territory Government, not the United States of

1830 America but the Government of the Trust Territory.

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1831 Mr. Yates. As trustee?

Mrs. Van Cleve. Held in trust for the people.

1833 Mr. Yates. As trustee?

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1834 Mrs. Van Cleve. Of the Trust Territory.

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1835 Mr. Yates. As trustee?

public land generally.

1836 Mrs. Van Cleve. That is corerct, and they could deal with 1837 those lands in the manner that the government deals with its

1839 Mr. Yates. But the government does not hold its public 1840 land generally. The government holds it as a sovereign. The 1841 lands in the Trust Territory were held by the Trust 1842 Territory Government as a trustee. How then can that 1843 government as a trustee give lands away. Can a trustee give 1844 its properties away?

Mrs. Van Cleve. Well, I think it can, yes. I know of no reason to foreclose the Government of the Trust Territory in 1847 disposing of lands that are its property.

1848 Mr. Yates. Do you have an opinion from legal counsel as to that effect? 1849

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Mrs. Van Cleve. Somebody may here. I do not.

Mr. Yates. Mr. Krulitz, do you remember I addressed 1851

1852 myself to the problem?

1853 Mr. Krulitz. Yes, sir. NAME: | HAP 170060

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1871 probably a proper deal.

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1854 Mr. Yates. Have you addressed yourself to it too?

1855 Mr. Krulitz. Yes, sir.

1856 Mr. Yates. Why do you not take Mr. Dicks' seat down at 1857 | the end there?

1858 Mr. Krulitz. I also have with me Mr. Brewster Chapman, 1859 Assistant Solicitor for the Bureau of Trustee Affairs. He 1860 | will try to keep me out of trouble.

Mrs. Van Cleve is right in her description of the legal 1862 status of the lands. The purpose of the trust again as was 1863 pointed out, it was a strategic agreement that anticipated 1864 the potential use of the Trust properties to ''insure the 1865 | maintenance of international peace and security.''

In relocating the people of Bikini to Kili, there were no 1867 other competing claims or demands on Kili that were 1868 inconsistent with providing those lands to the people of 1869 Bikini, and to the extent that that transfer was in DOE ARCHIVES furtherance of the purpose of the Trust, I think it was

Mr. Yates. How does that answer the question I asked?

1873 | The United States is the trustee.

1874 Mr. Krulitz. That is correct.

1875 Mr. Yates. Under a trust agreement from the United

1876 | Nations.

1877 Mr. Krulitz. Yes, sir.

1878 Mr. Yates. It serves and acts as trustees. The United

1879 States as trustee is required to receive or obtain the

1880 approval of the United Nations to dispose of that land?

1881 Mr. Krulitz. The land hs not been disposed of. It has

1882 been made temporariy available to the people of Bikini

1883 pending their return to Bikini Atoll.

1884 Mr. Yates. It is not permanent. Is there agreement

1885 required for a lease of the land or for a temporary use of

1886 the land?

1887 Mr. Krulitz. Agreement from?

Mr. Yates. The United Nations.

Mr. Krulitz. The United Nations? Does the State

1890 Department have an answer to that?

Mr. Helman. Let me just say that these arrangements have

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1892 been made known to the Trusteeship Council of the United 1893 | Nations, and as far as I am aware they have never been 1894 objected to.

Mr. Yates. How have they been made known and when? 1895 Mr. Helman. I suspect in this case probably in 1956 or 1896 1897 1957.

1898 Mr. Yates. Can you verify that?

1899 Mr. Helman. Sure.

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1900 Mr. Yates. Verify it and let us know.

> If it is made known, is that the equivalent of receiving agreement from the United Nations?

Mr. Helman. No, but these matters are discussed annually in the Trusteeship Council. We submit reports to the Trusteeship Council, and the Trusteeship Council to the DOE ARCHIVES Security Council on these matters.

I might point out that we are asked under the trusteeship agreement in discharge our obligations to do such things as 1909 foster development of political institutions, promote economic advancement, assist in health, and so on.

1911 to me that the use of these lands for that purpose is 1912 perfectly consistent with our obligations as trustee.

Mr. Yates. And we have not taken their lands away? 1913

1914 Mr. Helman. Yes, sir.

Mr. Yates. I would like to know what the actions of the 1915 1916 United Nations was in that. If the United Nations agrees to 1917 it, does that validate the process?

Mr. Helman. It certainly allows the process to continue if there are no objections to it. If no one says this is wrong or submits a resolution saying that you, the United 1921 States, as trustee have done wrong in this, then we are certainly entitled to proceed on the basis of the assumption that we are acting properly on this question.

Mr. Yates. Do you want to say something?

Mrs. Van Cleve. I wanted to say, Mr. Chairman, that the Government of the Trust Territory deals in land transactions DOE ARCHIVES constantly as any government does, and so far as I know we have never sought UN approval of any particular land

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transaction. 1929

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I think the record will show that there was no seeking of an approval here of the transfer of Kili just as there is no seeking of any other approvals.

1933 Mr. Yates. Then why are we trustee? In what sense are we 1934 a trustee?

1935 Mrs. Van Cleve. The United States is overseeing the 1936 Government of the Trust Territory, which is dealing as 1937 governments always do in a wide variety of kinds of 1938 property, including real property. It owns property on 1939 which schools sit. It owned Kili Island because it 1940 inherited all of the property of the Japanese Government. 1941 | Similarly, the Japanese Government had inherited lands from 1942 | the Germans. This is simply public land of the Trust 1943 Territory that the United States does not claim title to 1944 because we have always been very scrupulous about not acting DOE ARCHIVES 1945 as sovereign in the Trust Territory. We have acted as a

1947 Mr. Yates. A nation that conquers another nation which
1948 owns lands thereby obtains title to those lands.

1946 trustee and overseer.

1949 Mrs. Van Cleve. That is the difference between the United 1950 | States not owning title and the Trust Territory Government 1951 holding title. The Trust Territory Government does hold 1952 title. 1953 Mr. Yates. How does this differ from Israel taking the 1954 West Bank from Jordan? 1955 Mrs. Van Cleve. I do not like that analogy any better than 1956 you liked mine a while ago. Mr. Yates. At least in your case you withdrew it. I am 1957 1958 not withdrawing mine. How is that different? 1959 1960 Mrs. Van Cleve. I cannot pursue the Middle East at this 1961 point. I am sorry. Mr. Evans. Mr. Chairman, I think counsel would like to 1962 1963 DOE ARCHIVES answer. 1964 Mr. Chapman. I am Brewster Chapman, Assistant Solicitor

1964 Mr. Chapman. I am Brewster Chapman, Assistant Solicitor

1965 for Trust Territories.

I have listened to an awful lot of law trying to be

1967 etsablished over the last 12 years, getting bent into shape.

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1968 It bothers me when I get into court.

1969 Mr. Yates. Pull up your chair.,

1970 Mr. Chapman. There is a doctrine in internation1 law 1971 called the successor sovereign doctrine, which means that 1972 the successor sovereign in a change of government takes on 1973 | all of the rights and liabilities, legitimate rights and 1974 liabilities of the predecessor sovereign. In this 1975 | particular instance the predecessor sovereign was the 1976 Government of Japan.

When the United States took over its responsibilities as 1978 | administering authority under the trusteeship agreement, it then created by delegation to the President the authority in 1980 the President to establish a government to carry out our 1981 obligations. The President issued an executive order and 1982 transferred this responsibility to the Secretary of the 1983 | Interior with authority in the Secretary to delegate that DOE ARCHIVES authority to such agencies or people as he deemed 1985 | appropriate.

The Secretary did this by creating a local government.

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That is a Government of the Trust Territory for the Trust 1987 Territory, and hopefully as we move into political status, 1988 negotiations transferred by the Trust Territory people. 1989 1990 That is a sovereign government. It has the power to sue and 1991 be sued.

Mr. Yates. Which is the sovereign government?

Mr. Chapman. The Trust Territory Government.

Mr. Yates. The Government of the Trust Territory?

Mr. Chapman. Has the power to sue and be sued. It has 1996 the power to contract in its own name. It has all the indicia of a semi-autonomous government, like a state.

Mr. Yates. What is its relationship to the United Nations? I have the impression that it received its indicia of authority as a trustee by grant from the United Nations.

or the Trust Territory as administering authority with the

Mr. Chapman. No. There is a problem here becuase we are dealing with something that is neither a fish nor a fowl in DOE ARCHIVE the sense that you can equate it to anything you have ever known before. We took over the Trust Territory Government,

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2006 understanding that we would develop such political 2007 institutions and economies and so forth that would bring 2008 them to the point where they could become independent or opt 2009 to affiliate with another country, to say what their own political destination would be for the future. 2010

It is a government starting with almost an impossible 2012 group of little island territories that was brought together 2013 | finally in 1968, through the creation of a Congress of 2014 Micronesia into a system of what you might consider 2015 | federated states, with a central legislative body just like 2016 the United States.

There was a central government there, also the local 2018 governments. As the year s have gone by and this government has evolved into more and more of a real functioning 2020 government, we have moved more and more away from it, the DOE ARCHIVES 2021 concept being that that is the sovereign.

Now as successor sovereign, it had the right to the 2023 | property that the predecessor sovereign, Japan, had and 2024 treat it as public domain, also German. These lands were

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2025 purchased by the Japanese Government, some of them taken, 2026 and in that case we have paid for them later on, but they are equated to what we call our public domain in the United 2028 States, and the executive branch of that government has the 2029 | same authority over those lands as the executive branch of the United States.

The Congress of Micronesia has enacted certain laws that 2032 permit the use of these lands as public domain. It is the 2033 sovereign authority over public lands that are not otherwise 2034 owned, vacant, unappropriated public lands.

Mr. Yates. May I ask you the question then, what is the

2036 relationship of the Trust Territory to the United Nations? Mr. Chapman. The relationship of the Trust Territory to 2038 the United Nations is one of a territory or an area that, 2039 prior to World War II, was in the mandated system. This 2040 would have been a class 4 mandate. The prediction for BUE ARCHIVES 2041 class 4 mandate would be that it could never develp into a 2042 | political entity, just because of its geographic problems,

2043 that they transferred into Trust Territories, plural. There

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2044 were lots of them after World War II, as you know.

2045 Mr. Yates. Why does the United Statse describe itself as

2046 the trustee for the Trust Territory?

2047 Mr. Chapman. They do not. You did.

2048 Mr. Yates. It is not a trustee?

2049 Mr. Chapman. I do not buy that analogy personally. They

2050 | are the administering authority.

2051 Mr. Krulitz. Mr. Chairman----

2052 Mr. Helman. The trusteeship agreement provides it as----

2053 Mr. Chapman. They have trusteeship duties.

2054 Mr. Yates. Then they are a trustee if they have trustee

2055 duties.

2056 Mr. Chapman. The trouble of equating it to the Anglo-

2057 | Saxon concept of trust is you get into another whole legal

2058 analysis that is not appropriate here.

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2059 For example, the power of the court over the trustee.

2060 | This has come up in the people of say Saipan case recently

2061 befor the 9th Circuit.

2062 Mr. Yates. Yes, and what happened? What did the court

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say?

Mr. Chapman. The 9th Circuit--this had to do with a NEPA 2064 2065 case and the 9th Circuit held that the Trust Territory Government was not a Federal agency or instrumentality, that 2066 2067 it had its own courts, and the people were also alleging breaches of the duties of the United States under the 2068 trusteeship agreement under mainly under article 6, and the 2069 2070 court said well, okay, we are not going to leave you without 2071 a right, but you had better go to the high court of the 2072 Trust Territory only if they deny you a remedy, not relief 2073 but a remedy, we invite you to come back into the Federal 2074 court system.

Mr. Krulitz. Mr. Chairman? 2075

Mr. Yates. Mr. Krulitz.

Mr. Krulitz. I might just say that it is certainly I think accurate to say that the Trust Territories are DOE ARCHIVES 2079 | administered by the United States Government pursuant to the terms of the arrangement that was made with the United Nations.

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2082 Mr. Yates. What are those terms? Is it not a trustee? 2083 Mr. Krulitz. The terms are set out in an arrangement with 2084 | the United Nations. I do not know whether you can analogize 2085 all of the United States common law as it relates to 2086 trusteeship or not. 2087 Mr. Yates. All right, let's go on here. I think we have 2088 succeeded in muddling this up very well. 2089 Mr. Chapman. Mr. Chairman, article 3 of the trusteeship 2090 agreement might shed a little bit of light on the power of 2091 the administering authority. 2092 Mr. Yates. While you were talking, Mr. Chapman, there was 2093 a querulous look on the face of the Department of State. 2094 Mr. Chapman. We do not always agree, sir. 2095 Mr. Yates. But does not State have the jurisdiction? 2096 Mr. Chapman. Their jurisdiction under the executive order DOE ARCHIVE is to interpret the trusteeship agreement. 2097

2098 Mr. Yates. Right.

2099 Mr Chapman. All the other jurisidictions with rgard to 2100 the duties of the administering authority are initially in

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PAGE 113

2101 the Department of Interior and/or its delegate.

2102 Mr. Yates. Should I listen to State or to you with
2103 respect to the trusteeship agreement?

2104 Mr. Helman. Mr. Chairman, I was going to make the same 2105 point. I was going to refer you to article 3.

Mr. Yates. Article 3 of what.

Mr. Helman. Of the trusteeship agreement.

2108 Mr. Yates. What does it say?

2109 Mr. Helman. In which the administering authority 'shall 2110 have full powers of administration, legislation and 2111 jurisdiction over the territory subject to provisions of

2112 this agreement that may apply to the Trust Territories

2113 subject to any modifications which the administering

2114 authority may consider desirable, such of the laws of the

2115 United States as it may deem appropriate, local conditions

2116 and requirements.''

DOE ARCHIVES

2117 Mr. Yates. So then it is your contention that we are not 2118 acting as the trustee?

Mr. Helman. I will bow to advice of counsel that we

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really should not use the term ''trustee'' in the common law
sense of the word. We are the administering authority.

Commonly one is referred to as a trustee in these matters,
but the law of United States trusts, as far as I am aware,

does not ordinarily apply to international cricumstances.

Mr. Yates. The impression that I gather you are trying to

leave is that to all intents and purposes the United States

is the permanent owner of this area.

- 2128 Mrs. Van Cleve. No.
- 2129 Mr. Helman. Not the owner, no, sir.
- 2130 Mr. Yates. What impression are you trying to leave then?
- 2131 Mr. Helman. I thnk probably the best thing to do would be 2132 to state quite clearly that our rates and obligations there
- 2133 are pursuant to the trusteeship agreement.
- 2134 Mr. Yates. Which may be placed in the record at this
 2135 point.

2136 | The information follows: |

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2138 ******** COMMITTEE INSERT ********

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The second article talks about promoting economic 2146 advancement and self-sufficiency.

Mr. Yates. All right. Let's put that in the record. 2147

[The information follows:]

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DOE ARCHIVES

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2151 Mr. Yates. Let's go back to the agreement that I started 2152 to read. It says that all thse lands may be divided among 2153 the former Bikini people ''as they shall mutually agree and 2154 that use rights to the land, lagoon and reefs of the above-2155 | mentioned lands, together with all of the buildings and trees thereon shall be held by them,'' so you own all those 2156 2157 | lands, right, Mr. Weisgall, under this agreement? You do 2158 not seem to enjoy that very much.

Then it goes on to say ''The aforesaid use rights in the 2160 aforesaid government lands shall continue until such time as it may be possible for the people to return to Bikini, providing they wish to return to occupy said atoll.'

Then it says, ''The Government of the Trust Territory of the Pacific Islands and/or the Government of the United 2165 | States of America shall possess the full use rights to 2166 Bikini Atoll until such time as it determines it will no DOE ARCHIVES 2167 | longer be necessary to occupy and use the said atoll."

So the Government of the United States and/or the Government of the Trust Territory of the Pacific Islands NAME: | HAP 170060 PAGE 117

2170 owns the Bikini Atoll until such time as it wants to 2171 | surrender it, according to that language.

- 2172 Mrs. Van Cleve. Has use rights thereon.
- 2173 Mr. Evans. Will the chairman yield?

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- 2174 It sounds more in the nature of a lease without a term.
- 2175 Mr. Yates. All right, a lease without a term.
- 2176 Mr. Chapman. There is another little term that is 2177 missing.

2178 In 1955 the Department of Interior and the Department of

Defense entered into what I refer to as master agreement,

2180 under which the Trust Territory Government was to acquire

2181 lands that the Department of Defense needed for defense

purposes in the Trust Territory, for which just compensation 2182

was to be paid. When the Deparmtent of Defense said, ''We 2183

2184 want this,'' of if they had something that they had been

using and then it had to be regularized, the Trust Territory 2185 DOE ARCHIVES

Government negotiates with the owners of the land and 2186

negotiates a use and occupation agreement.

The Trust Territory Government would then enter into a

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189	mirror agreement with the United States Government for the
2190	use and occupancy fo that atoll, so it was the Trust
2191	Territory Government that was conveying the use rights to
2192	the United States Government, and that is what is meant by
193	that rather curious language.

2194 Mr. Yates. Okay, a lease in perpetuity, right?

2195 Mrs. Van Cleve. Substantially.

2196 Mr. Yates. Until such time as the government does not want

it? 2197

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Mr. Chapman. It could be.

Mr. Yates. But the effect of this is to still retain ownership rights in the people of Bikini, is that correct?

2201 Mr. Chapman. Right.

> Mr. Yates. With a permanent lease from the United States. of America and the Trust Territory Government? DOE ARCHIVES

Mr. Chapman. That is correct.

Mr. Yates. Then we go on and they say, ''The sum of 2206 \$325,000 shall be conveyed to those persons, those commoners, who possess rights in Bikini Atoll. This money

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2208 is to be administered as follows: (1) \$15,000, receipt of 2209 which is hereby acknowledged, to be paid the aforesaid 2210 parties at the time of signing this agreement and may be 2211 divided among those who possess aforesaid rights in Bikini 2212 Atoll, or otherwise utilized as all parties concerned agree; 2213 and (2) the remaining \$300,0009 to be placed in a trust 2214 | fund to be established and administered by the High 2215 | Commissioner until such time as said trust fund can be 2216 administered by a qualified institution. The trust fund 2217 | shall be invested only in United States Government 2218 securities and interest accrued from said fund will be paid 2219 in such manner as may be further agreed upon by the alabs 2220 and people with vested land rights in Bikini.

''The people and alabs''--what is an alab, a family? Mr. Weisgall. There is a three-tier land tenure system in 2223 the Marshall Islands. At the top is the orioj, who is more ARCHIVI 2224 or less the paramount chief. Think of a feudal system while 2225 | dealing in analogies. The alab is a kind of middle level person who has use rights but does not actually own the

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land, and at the bottom tier is a kirjobel, someone who 2227 actually will more or less till the land. 2228

The problem you have here, and the reason we got into this 2230 agreement, was that big atoll, all of the land in the 2231 Marshall Islands as far as I know, with the exception of 2232 Kili Island and some of these islands on Jaluit is owned by 2233 one erog or, another. The only public domain land I believe 2234 after World War II was Kili, and these islands on Jaluit. There may have been some others, but in terms of placing the 2236 people of Bikini on another location, the reason Kili and Jaluit were so attractive is that they were not owned by an erog.

The reason this is important is because the Bikinians I believe sometime in the early 1950s renounced the erog, as a result as I understand it of extreme frustration at their DOE ARCHIVES situation of being moved first to Rongerik, later to Kwajalein, and being very upset with their predicament. The 2244 erog of Bikini was a gentleman named Legelin Kabua and the 2245 Bikinians simply renounced his rights. They said, we no

2246 | longer recognize an erog. As a result of this renouncement, 2247 they feel today that the only land on which they would be 2248 comfortable would be land which is not owned by an erog, because they simply no longer recognize the erog as the 2249 2250 paramount chief., Mr. Yates. There is no erog on Kili? 2251 Mr. Weisgall. No. That is the one attraction of Kili. 2252 2253 Mr. Yates. Is there an erog on Jaluit? 2254

Mr. weisgall. There is but not on the Islands of Jabwor 2255 and----

Mr. Yates. What about Jar-Jaluit? Bokalablab is on 2257 Jaluit.

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2258 Mr. Weisgall. I defer to Mr. deYoung on that question. 2259 Maybe he would know.

Mr. deYoung. Those are all the public domain.

Mr. Yates. Those are all the public domain. And so the DOE ARCHIV 2262 Bikinians got \$325,000 for giving up their land, right? And 2263 the people in the alab ''signing this Agreement in Principle represent that they have the full and complete right to

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2265 represent the interests of any and all individuals who by 2266 reason of having lived on Bikini or Kili, may now or at any 2267 | future date have a claim aginst the United States of Trust 2268 Territory Governments by reason of their use of Bikini

2270 ''Accordingly, the people and alabs signing this agreement 2271 agree that any future claims by Bikinians based on the use 2272 of Bikini by the Governments of the United States or the 2273 Trust Territory, or on the moving of the Bikini people from 2274 Bikini Atoll to Kili Island shall be against them and not 2275 against the government.

''This agreement was made voluntarily and without any 2277 | compulsion or coercion whatsoever.''

That is the agreement that is in full force and effect 2279 | now, right?

2280 Mr. Helman. Yes.

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Atoll.

DOE ARCHIVES

2281 Mr. Yates. Is that right, Mr. Weisgall?

Mr. Weisgall. I believe that is correct, Mr. Chairman.

Mr. Yates. Now what are we going to do with the 2283

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2284 Bikinians, now that we have gone through all the facts and 2285 figures?

Mr. Weisgall. While you were asking questions of the representative from the State Department, I had an opportunity to have a rather lengthy didscussion with Mr. 2289 Leiticus based on your hypothetical question, which is basically the \$64 question, that being, assuming food came 2291 every month would the people want to stay on Bikini? Several responses, and let me tick them off because it is

2293 a bit complicated.

Some people would want to stay. Others would want to leave. The ones who want to leave perceive the risk as being too high, the most immediate risk being that of an inability to control younger people from going into the interior.

DOE ARCHIVES

I asked Mr. Leviticus if that problem would disappear if 2300 food were brought every month. He felt that it would not.

He also explained to me that some people, this apparently 126

is a misunderstanding that some of the people on Bikini now

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2303 have, but the ones who want to stay told him that in their 2304 view their children are already exposed to this radiation, 2305 and therefore it does not matter whether they stay or go, 2306 and since they have been exposed it is okay to stay.

2307 Mr. Yates. We know that is wrong, don't we?

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Mr. Weisgall. Mr. Leviticus knows it is wrong. 2309 Apparently, the people on Bikini, some of the people, hold 2310 these views. Mr. Leviticus' personal view is that he is now 2311 convinced that the danger is too great on Bikini, and he is

2313 Now the last point is, he reported to me that some of the 2314 people living on Bikini would be prepared to stay there, if 2315 an Eniwetok-type arrangement were made, which basically 2316 means bringing in all new soil, basically rebuilding the 2317 island.

Mrs. Van Cleve. We just can't do it.

DOE ARCHIVES

- 2319 Mr. Deal. We are not doing that at Eniwetok.
- 2320 Mr. Yates. They are not doing it at Eniwetok.
- What are they doing, Mr. Deal? 2321

2312 prepared to and wants to move to Kili.

Mr. Deal. At Eniwetok, as we mentioned in our earlier 2322 2323 discussions with you, the three islands at the lower part of the atoll, which were not contaminated to any substantial 2324 2325 degree, there are levels of radiation lower than they are in 2326 the United States, in cesium and strontium. The upper 2327 islands were heavily contaminated. These are being cleaned 2328 up, and they are removing soil for plutonium reasons. 2329 is plutonium in the soil, and they are removing the Contamul plutonium on those islands, and when they finish, there 2330 Will be habitable 2331 should be several islands that once the cesium decays---BEST AVAILABLE COPY 2332

Mr. Yates. Thirty years?

Mr. Deal. Thirty years about, yes, sir, that would be an area that then you could opt to resettle it once you look at it at that time. We intend to do further monitoring as soon 2336 as a cleanup is done to see how effective it is.

DOE ARCHIVES

Mr. Yates. What Mr. Deal is saying is that there is 2338 apparently a misunderstanding by Mr. Leviticus or by the people.

How do we do equity here? Are the Bikinians willing to

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2341 take the majority opinion of their people?

Mr. Weisgall. Mr. Chairman, I too find myself in a 2342 2343 difficult position, because it is hard to represent one 2344 group of people when opinion is so divided. In October 2345 | 1975, representing the Bikinians, I filed a lawsuit in 2346 | Honolulu trying to prevent the removal of more people from 2347 | Kili to Bikini, based on the fact that many Bikinians living 2348 on Kili were convinced that insufficient studies had been 2349 made of Bikini. Other people living on Kili wanted to go 2350 back. It was our feeling at the time that sufficient facts 2351 were not known, so no one could really make a considered 2352 judgment as to wehther it was possible to move back.

2353 It appears now that sufficient facts on a preliminary 2354 basis have become available showing that there is a 2355 substantial risk of remaining on Bikini Island. DOE ARCHIVES

Mr. Yates. What about the lands that are described in 2357 that agreement I read? Are they adequate for the Bikinians?

Mr. Weisgall. As the statement said, Kili now could be 2358

described as overcrowded. It could handle more people with 2359

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2360 more facilities.

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2361 Mr. Yates. What does ''more facilities'' mean?

2362 Mr. Weisgall. More facilities means more housing,

2363 improved housing, and ties to the outside world. The

2364 Bikinians, the ones living on Kili and the ones on Bikini,

2365 emphasize to me over and over the importance of increased

2366 communications, the need of a pier, the need of a runway.

2367 I visited Kili several years ago. I have never felt so isolated in my life. The United States could have been 2368 2369 blown off the globe and I would not have known it. There 2370 was one radio tie to Majuro, which was not a particularly 2371 good radio tie, and that is the only communication to the 2372 outside world. It is my belief that if Kili could be improved to increase these communications with the outside 2373 2374 world, if the transportation system, which is something we 2375 have come back to time and again, both with respect to Bikini, with respect to Kili and really throbots of the Trust 2376

Territory, if the transportation system could be improved, I

think that the people could return to Kili and lead useful

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2379 lives, and that is what they have told me.

2380 Mr. Yates. Then what happens to the people who want to

2381 stay on Bikini? Are you going to forcibly remove them?

Mr. Weisgall. I think----2382

2383 Mr. Yates. Why don't you ask Mr. Leviticus that question?

Mr. Weisgall. Very good. 2384

2385 I do not have a very satisfactory answer. Mr. Leviticus 2386 | says that the older people living on Bikini feel that they 2387 have already been exposed to whatever radiation they are 2388 going to be exposed to, that there is no need therefore for 2389 them to move, and he frankly does not know what to do about 2390 them.

2391 Mr. Yates. Mrs. Van Cleve.

Mrs. Van Cleve. I put that question to the High 2393 Commissioner just last Friday. He, as you know, from his 2394 statement, which I hope will be made fully a part of the DOE ARCHIVES 2395 | record----

Mr. Yates. It already has been.

2397 Mrs. Van Cleve. Good.

2392

He met with every human being on Bikini during some 2398 2399 portion of his June 1 and June 2 meetings. It is his judgment that we will not be forced to answer the question 2400 2401 you put. It is his judgment that forcible removal will not 2402 be required.

2403 He says that the older people indeed would like to remain, 2404 and just as Mr. Weisgall has said, they are often of the 2405 view that they have already been so fully exposed that they 2406 will not increase the risk appreciably. It is his judgment, 2407 as it is ours, and I believe it is the judgment of the 2408 Department of Energy as well, that there is too much of a 2409 risk in permitting the old people to remain because they 2410 | will be visited by the young people. Marshall Islanders 2411 being what they are, they will simply not live in isolation 2412 age 65, and accordingly, we return to this system of the 2413 young, which we want to above all avoid. So it is the High Commissioner's judgment, I am glad to pass on as the best DOE ARCHIV 2414 2415 guess on the basis of his latest experience, that all of the people of Bikini ultimately, if called upon to do so, will 2416

leave. They will leave with great sadness. They will leave

with great reluctance. It will be a sorrowful occasion, but

he says that he believes that they will leave.

2420 Mr. Yates. Farewell to Paradise.

Is there any alternative to destroying the coconut trees

and the pandanus and the other sources of food so that there

would be no further contamination or ingestion of

contaminated food?

2425 Mr. Deal. Are you asking----

2426 Mr. Yates. I am asking sombody.

2427 Mr. Deal. ----whether the people could then live there?

2428 Mr. Yates. Yes.

2429 Mr. Deal. I don't know of any practical alternative, Mr.

2430 | Chairman.

Mr. Yates. Suppose you knock down the coconut trees or transplant them somewhere else, and suppose you don't let DOE ARCHIVI the pandanus grow or the breadfruit and the other things.

2434 Is that an alternative?

I have no vision of what the land is like. To me it is

this ring on the map around a lagoon. If you say they can still fish, at least that is one blessing. The fish aren't contaminated.

2439 Can they catch fish there? Is fishing any good?

2440 Mr. Weisgall. They can, as far as I know.

2441 Mr. Yates. Are the fish any good?

Mr. Weisgall. As far as I know, the lagoon at Bikini

2443 Atoll is the biggest source of plutonium in the world. I

2444 might be wrong on that. I don't know about the fish.

Mr. Yates. You say the fish is not contaminated?

2446 Mr. Deal. The fish, yes, sir.

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2447 Mr. Yates. What about that, Mr. Weisgall, as a 2448 possibility? You were out on the island.

2449 Mr. Weisgall. I have never been to Bikini. I have been 2450 to Kili.

2451 Mr. Yates. Who has been to Kili?

LUE ARCHIVES

2452 Mr. DeBrum. I have.

2453 Mr. Yates. What about it? Ask Mr. Leviticus that
2454 question. I don't know how it would look. Apparently not

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for another 30 years will the people be able to climb a tree and knock down a coconut, that being the half life of

2458 Discussion off the record. 1

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cesium.

Mr. Weisgall. Mr. Chairman, the best response I can give
you, and really extrapolating from the translation, is that
at that point, Bikini is no longer a home. All of the
skills are lost. On Kili there is food growing. The skills
that have remained would remain. It would be very difficult
indeed.

Mr. Yates. I guess that is the answer, and then the only problem that remains then are the older people who want to stay on Bikini.

Mr. Weisgall. That is correct.

Mr. Yates. How many are there?

2470 Mr. Weisgall. There are approximately 60 elderly people

DOE ARCHIV
2471 living on Bikini Island now.

AVI TIVING ON BIRINI ISLAND NOW

2472 Mr. Yates. Who want to stay?

Mr. Weisgall. Who would like to stay? I should say that,

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speaking personally, I share Mrs. Van Cleve's view. I think
that, based on my discussions with the Bikinians, it is my
feeling that your hypothetical question involving forced
removal is one that will not have to be faced. I think the
people will leave. As you call their Paradise, I would call
their contaminated Paradise.

Mr. Yates. Robert Kisti of the University of Minnesota, I guess, in concluding--I guess I have concluded this--studying enforced migration of the Bikinians--says this at page 193 in summary conclusions, a note on the governing of men:

''The Bikinians of today are of a more sopisticated and experienced people than those who left their homeland in 1946. They have learned to deal with Americans in increasingly effective ways, and they are no longer the shy and uncertain people of the past.

DOE ARCHIVES

''The price the Bikinians have paid for their recently gained worldliness has been high, and it is not difficult to share their conviction that they have indeed suffered a great injustice, and that the United States has an

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2493 obligation to them. For the past quarter century those 2494 islanders who new Bikini Atoll well have experienced mental anguish and physical deprivation. Those who were young at 2495 the time of relocation or were born afterwards have paid the 2496 2497 psychic cost of growing up in a community whose elder members were discontented and frustrated with their lives. 2498

2499 ''The future will be difficult. The return to Bikini will 2500 require major adjustments for all. For older islanders, the 2501 Bikini of today is radically altered from the homeland they 2502 have left. The younger people have much to learn about life 2503 on a remote atoll. In a very real sense, they are the 2504 second generation of islanders to be relocated from an 2505 environment with which they are familiar. The misfortune of 2506 the Bikinians would perhaps seem less tragic if it were an 2507 isolated case. DOE ARCHIVES

2508 ''At the time United States gained control of the islands, 2509 25 of the 34 atolls and single islands which comprise the 2510 Marshalls were inhabited. Of the 25 people, 6 have already been adversely affected in various ways by American post-war

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2512 military operations. The people of Eniwetok ... "

2513 We will have a hearing on that too. I think probably we 2514 ought to have an extensive hearing on the condition of the 2515 Marshalls, but this is a hearing on Bikini, and I guess we have just about come to the end of it, and I think maybe we 2516 2517 ought to get a report through Mrs. Van Cleve and Mr. Winkel 2518 at such time as these problems are in some measure 2519 ameliorated. We ought to get a report on what has been 2520 happening. I think you ought to stay in very close touch with the committee and let us know what they are doing and 2521 2522 propose to be doing. I think we will set this down for 2523 hearing in another month just to keep track. Fix a date 2524 with Mrs. Van Cleve around July 19 or so. We will go at it.

2525 I don't see any alternative; do you, Mr. Weisgall?

Mr. Weisgall. I really don't, Mr. Chairman.

DOE ARCHIVES

Mr. Yates. And does Mr. Leviticus see any alternative?

Mr. Weisgall. No, he doesn't.

Mr. Yates. Okay.

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2530 [The information follows:]

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