

400603

This document consists of 4 pages
No. 1 of 1 Copies, Series CC-A

~~SECRET~~

2-1. Number: NR S-382
 Date: March 24, 1954
 Time: 2020Z
 From: CJTF-7 Eniwetok
 To: Chairman AEC
 Subject: Weather outlook not favorable for firing for 3 or 4 days. Firing of Romeo.

2-2. Number: NR S-383
 Date: March 24, 1954
 Time: 2012Z
 From: CJTF-7 Eniwetok
 To: Chairman AEC
 Subject: Report as of 241200M. Leukocytes no significant change. Platelets show further depression; however, no evidence of bleeding. No new cases of epilation being observed. Skin lesions of necklace distribution static. Ill defined dusky macular lesions over dorsum of feet appearing in few of Rongelap group. Lesions are painful upon stretching of skin. As skin lesions depigment progressively resemble beta burns of horses and cattle as described in Pearson's recent report. One point of difference is that these lesions almost without exception have not ulcerated as yet. Biopsies are being performed.

2-3. Number: NR 414-5
 Date: March 24, 1954
 Time: 1625Z
 From: Fry, NYOO
 To: Travis AFB, with info copy to Bugher
 Subject: Re 354. Delay mentioned in msg 232234Z permissible to HASL. Please inform parties concerned.

2-4. Number: SVC NR-9089
 Date: March 25, 1954
 Time: 0521Z
 From: CTG 7.1
 To: AFSWP Sandia Base and Chief, AFSWP, Wash.
 Subject: CASTLE schedule being revised.

2-5. Number: SVC 9093
 Date: March 25, 1954
 Time: 1130Z (250731Z)
 From: CJTF-7 Eniwetok
 To: Chief of Staff, USA and USAEC
 Subject: There is a faint prospect for favorable weather for March 28. Therefore, March 26 remains Romeo minus 2 until weather forecast is made early on March 26.

2-6. Number: NR 432-4
 Date: March 25, 1954
 Time: 1814Z
 From: USAEC, NY
 To:
 Subject: At Bugher's request, 2 nuclear survey meters with spare batteries are enroute to Honolulu, Food and Drug Admin. Estimated time of arrival is March 28.

5005034

DATA
SEARCHED
SERIALIZED
INDEXED
FILED

1318

- 2-7. Number: SVC 9114
 Date: March 26
 Time: 26 0305Z (26/0534Z)
 From: CJTF-7 Eniwetok
 To: Chairman AEC and C/S USA
 Subject: This is Romeo minus 18 hour advisory. Romeo schedule of 26/1830Z still firm. Weather outlook favorable. Device and test facilities ready.
- 2-8. Number: SVC 9115
 Date: March 26
 Time: 0419Z (26/0706Z)
 From: JTF-7 LNO Hickam
 To: CJTF-7 Eniwetok
 Subject: Lists passengers on plane.
 Pass to Michols. Mr. Strauss requests transportation for return to Hickam after event. Strauss requests Fields meet him at Kwajalein.
- 2-9. Number: SVC 9129
 Date: March 26
 Time: 1224Z (27/0039Z)
 From: CJTF-7
 To: Chairman AEC
 Subject: Report as of 26/1200M. Of 64 Rongelap, 32 have shown varying degrees of epilation. Many have stopped epilating. Two of 18 Ailinginae have shown slight epilation. Skin lesions involve scalp, forehead, neck, axillae, ante-cubitae fossae, dorsum of feet and toes. 43 Rongelap have lesions one or more sites. Ulcerations few. 8 Ailinginae recently developed similar lesions of lesser degree. High correlation epilation and skin lesions. Mild lesions of axillae and ante-cubital fossae of 2 Air Force personnel. Will biopsy. No epilation to date any Service personnel or Utirik natives. No systemic manifestations radiation sickness in any group at this time.
- 2-10. Number: SVC 9168
 Date: March 27
 Time: 1114Z (27/1802Z)
 From: CJTF-7 Eniwetok
 To: AEC Wash and CSUSA
 Subject: Pass to Strauss. Report as of 27/1200M. Survey of Utirik natives has revealed no lesions comparable to those seen in Rongelap group. The necklace, scalp, axillary and foot lesions observed and previously described in daily reports are believed to be due to radiation as a result of contamination with radioactive fallout material. Hematologic studies on Americans exposed Rongerik will be repeated. Return to full duty in near future indicated. After return to duty, complete blood counts, for investigative purposes, will be repeated at 2 to 4 week intervals and results forwarded to Project 4.1

5005035

defined
 serial
 number

1319

37

2-11. Number: NR S-511
Date: March 27
Time: 0323Z (27/0507Z)
From: CJTF-7 (Breslin sends)
To: American Embassy, Tokyo
Subject: Pass to Merrill Eisenbud. Air particle trajectory forecast of March 26, 2300H. All monitoring stations operational except Kusaie and Midway.

2-12. Number: NR S-622
Date: March 27
Time: 2217Z (28/0050Z)
From: CJTF-7 (Breslin sends)
To: American Embassy, Tokyo
Subject: Pass to Merrill Eisenbud. Air particle trajectory forecast of March 27, 1500M.

2-13: Number: NR S-621
Date: March 27
Time: 2340Z (28/0038Z)
From: JTF-7 Eniwetok
To: USAEC Wash
Subject: This is Romeo + 12 hour advisory. Pass to Strauss: (very impressive sight to witness. Yield of approximately 14 MT (corrected from initial value of 17 MT) still based on shock time of arrival and as yet not cross-checked with other experiments. Other evidence indicates somewhat smaller yield. Very light fallout on Bikini. Radiation levels show no significant increase over rad readings taken day before shot. Part 2: Recovery parties have re-entered. Recovery operations proceeding according to plan. Details of data recovered will be submitted later reports. Part 3: Following is preliminary report survey of atoll:

- A. Enyu. No contamination
- B. Eniman complex. Obstacles and debris on runway removed by 1700M today. Airstrip now open on Eniman. No apparent damage to pipeline or other scientific installations. Evidence of very shallow water washed over island causeways and lower eastern end of Eniman complex with no visible damage.
- C. Aomoen. All scientific installations appear intact. Some small fires burning believed to be of no significance.
- D. Namu and Bokobyadaa were washed over.

Part 4: DOD programs report following: A. Effects B-36 some damage sustained but returned to base safely. B. B-47 not in position due radar failure. Probable negative results. C. Drone ships Project 6.4 received considerable fallout. Engines have been stopped and ships are awaiting recovery. D. MD buoys for fallout project 2.5a in place.
Part 5: Cloud has traveled away from Bikini in 2 principal segments. At approximately 10,000 feet appears to be moving to NW at approx. 15 knots. Upper segments appear to be moving to N at about 20 knots.
Part 6: Task Force fleet has re-entered Bikini lagoon and advance parties are ashore at Enyu and Eniman. UCRL personnel will move principle components ashore tomorrow, March 28, for preparation that device in 7 days. Will advise plans for Castle schedule beyond as soon as sufficient data from and have been correlated and evaluated.

5005036

1320

- 2-14. Number: NR S-625
 Date: March 28
 Time: 0707Z (28/0311Z)
 From: CJTF-7 Eniwetok
 To: Chairman AEC
 Subject: Report as of 28/0001Z. Rongelap group show slight depression in mean leukocyte count and moderate depression in the platelet count. The range in the leukocytes 2650 to 13,350 and the range in the platelets 40,000 to 275,000. No bleeding has been observed. The lowest platelet count is in an 83-year-old woman. If the platelets fall further, bleeding can be expected and hospitalization of some individuals may be necessary. Some of the Americans are claiming that hair is falling out and that skin lesions are developing. Careful examination of all Americans reveals no real evidence of epilation. Mild skin lesions are not comparable to the Rongelap natives. As of today definite evidence of radiation injury in the Americans is limited to hematological changes. One more aged Utirik native with astecarthritis and mild decompensation admitted to the Naval dispensary for treatment. This illness is not related to radiation.
- 2-15. Number: NR S-639
 Date: March 29
 Time: 0818Z (29/0825Z)
 From: CJTF-7 Eniwetok
 To: Chairman AEC
 Subject: This is KOCN minus 5 day advisory. Part 1: (Koon) scheduled to be fired 021825Z (03625Z) weather permitting. Part 2. Test facilities and equipment expected to be complete 29/0705Z.
- 2-16. Number: NR S-640
 Date: March 29
 Time: 0637Z (29/0830Z)
 From: CJTF-7 Eniwetok (Preslin sends)
 To: American Embassy, Tokyo
 Subject: To Merrill Eisenbud. No fallout reported from Auto monitor stations to date. Ujelang recovery scheduled today. Flight ABLE completed afternoon of March 28 (Mike). No significant increase in activity over ERATO fallout. Survey aircraft reported .5 mr/hr contamination in flight before Taongi. This persisted to end of mission. New subject: 2 mr/hr maximum occurred Eniwetok 27/1900Z. Bikini reported 14 mr/hr on ships in lagoon and 35 mr/hr windward surfaces atoll structures occurring about 28/2200Z. Apparently high altitude activity originally in west winds now filtering down to low level easterlies. Planning flight ABLE re-run 30 March. May revisit Ujelang 31 March pending developments.
- 2-17. Number: NR S-644
 Date: 0941Z - March 29
 Time: 29/0710Z
 From: CJTF-7 Eniwetok
 To: Chairman AEC
 Subject: Report as of 29/1200Z. No significant change in natives or Americans.

5005037

1321
 29