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- 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, NYAC  
To: Travis AFB, with info copy to Bugher  
Subject: Re 354. Delay mentioned in msg 032234Z permissible to HASL. Please inform parties concerned.
- 2-4. Number: SMC NR-9089  
Date: March 25, 1954  
Time: 0521Z  
From: CTB 7.1  
To: AFSWP Sanita Base and Chief, AFSCAP, Wash.  
Subject: CASTLE schedule being revised.
- 2-5. Number: SMC 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.

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- 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 Nichols. 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 Utiirik 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 Utiirik 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

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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, 2300M. 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 or USAEC Wash  
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. Nana 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 area from Bikini in 2 principal segments. At a proximately 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. USRI personnel will move principle components ashore tomorrow, March 28, for preparatic that device in 7 days. Will advise plans for Castle scheduled beyond as soon as sufficient data from and have been correlated and evaluated.

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- 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 fail 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 Utiirik native with osteoarthritis 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 28  
 Time: 0818Z (28/0315Z)  
 From: CJTF-7 Eniwetok  
 To: Chairman AEC  
 Subject: This is KCC's 5 day Advisory. Part 1: ~~\_\_\_\_\_ (Moon)~~ scheduled to be fired 021825Z (03025Z) weather permitting. Part 2. Test facilities and equipment expected to be complete 29/0705Z.
- 2-16. Number: NR S-640  
 Date: March 28  
 Time: 1637Z (28/0830Z)  
 From: CJTF-7 Eniwetok (realin send)  
 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-641  
 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.

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