

2-1. Number: NR S-382 410751  
 Date: March 24, 1954  
 Time: 2020Z  
 From: CJTF-7 Eniwetok  
 To: Chairman AEC  
 Subject: Weather outlook not favorable for firing for 2 days. Firing of Romeo.

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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.

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2-3. Number: NR 414-F  
 Date: March 24, 1954  
 Time: 1625L  
 From: FPO, WFO  
 To: Invia, with info copy to signer  
 Subject: Re 351. Delay mentioned in msg 132234Z permissible to HASL. Please inform other concerned.

2-4. Number: CMC NR-4019  
 Date: March 27, 1954  
 Time: 0521L  
 From: CMC 7.1  
 To: AFST, Car. and 1st, 1st, AFST, Wash.  
 Subject: CMC 7.1 schedule being reviewed.

2-5. Number: CMC 3191  
 Date: March 27, 1954  
 Time: 1134L (250731L)  
 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 earlier on March 26.

2-6. Number: NR 432-4  
 Date: March 28, 1954  
 Time: 1811L  
 From: USAEC, WFO  
 To:  
 Subject: 2 nuclear survey meters with spare batteries are enroute to Eniwetok, FPO, Eniwetok. Estimated time of arrival 2400Z.

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*John F. DeLoach* DVA 2/28

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2-7. Number: SVC 2111  
Date: March 26  
Time: 26 0305Z (26/0531Z)  
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 2115  
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 2120  
Date: March 26  
Time: 1224Z (26/0030Z)  
From: CJTF-7  
To: Chairman AEC  
Subject: Report as of 26/1200Z. Of 61 Rongelap, 32 have shown varying degrees of epilation. Many have stopped epilating. Two of 13 Ailinginae have shown full epilation. Skin lesions involve scalp, forehead, neck, axillae, ante-cubital fossae, dorsum of feet and toes. 43 Rongelap have lesions on one or more sites. Ulcerations few. 8 Ailinginae recently developed similar lesions of lesser degree. High correlation between extent of lesions. Mild lesions of axillae and ante-cubital fossae. 2 Utiarik natives. Will biopsy. No epilation to date among Utiarik personnel or Utiarik natives. No systemic manifestations radiating sickness in any group at this time.

2-10. Number: SVC 2125  
Date: March 27  
Time: 1111Z (27/0021Z)  
From: CJTF-7 Eniwetok  
To: AEC and C/S USA  
Subject: Pass to Strauss. Report as of 27/1200Z. Survey of Utiarik 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 1.1

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1-12. Number: NR S-611  
Date: March 27  
Time: 0938Z (27/0507Z)  
From: CJTF-7 (Ereslin 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 (Ereslin sends)  
To: American Embassy, Tokyo  
Subject: Pass to Merrill Eisenbud. Air particle trajectory forecast of March 27, 1500M.

1-13: Number: NR S-621  
Date: March 27  
Time: 2340Z (28/0038Z)  
From: JTF-7 Eniwatok  
To: USAEC Wash  
Subject: This is Romeo + 12 hour advisory. Pass to Strauss:

Impressive sight to witness. Yield of approximately 44 kt (corrected from initial value of 37 kt) still based on shock time of arrival and as yet not cross-checked with other experiments. Other evidence indicates Romeo + 12 yield. Very light fallout on Bikini. Radiation levels show a 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 in later reports. Part 3: Following is preliminary report survey of Atoll:

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

Part 4: DTD 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. TD buoys for fallout project 2.5a in place.

Part 5: Cloud has traveled area from Bikini in 2 principal segments. At a height of approximately 10,000 feet appears to be moving to NW at approx. 15 knots. Other 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 Eniwat. USMC personnel will leave Eniwat tomorrow, March 28, for preparatic [redacted] that will be in place. [redacted] plans for Castle schedule beyond [redacted] as soon as sufficient data from [redacted] have been [redacted].

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2-11. Number: NR 8-025  
 Date: March 28  
 Time: 0707Z 28 (0641Z)  
 From: COMTF-7 Eniwetok  
 To: Chairman JEC  
 Subject: Report as of 28/0612. 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 33-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 60-year-old Utirik native with osteoarthritis and severe depression admitted to the Naval Dispensary for treatment. The illness is not related to radiation.

2-15. Number: NR 8-039  
 Date: March 29  
 Time: 0813Z 29 (0741Z)  
 From: COMTF-7 Eniwetok  
 To: Chairman JEC  
 Subject: This is the first flight from Eniwetok to Rongelap (Moon) since the first flight (NR 8-025) weather permitting. Part 1: [redacted] Part 2: [redacted] complete 29/0705Z.

2-16. Number: NR 8-041  
 Date: March 29  
 Time: 0813Z 29 (0741Z)  
 From: COMTF-7 Eniwetok  
 To: Chairman JEC  
 Subject: Report as of 29/0705. The first flight from Eniwetok to Rongelap (Moon) completed afternoon 29/0705. Significant increase in activity over BRAVO before flight. Aircraft reported .5 mr/hr contamination in flight before flight. This persisted to end of mission. New subject: 2 mr/hr may be observed Eniwetok 27/1900. Bikini reported 14 mr/hr on slopes in lagoon and 35 mr/hr windward surfaces atoll structures occurring about 23/2200. Apparently high altitude activity originally in area, has now filtering down to low level easterlies. Planning flight ABLE re-rar 30 days. May revisit Ujelang 31 March pending developments.

2-17. Number: NR 8-044  
 Date: 0941Z 29 March 29  
 Time: 10/0712  
 From: COMTF-7 Eniwetok  
 To: Chairman JEC  
 Subject: Report as of 29/0712. No significant change in natives or Americans.

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