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2-1. Number: NR S-382 410751
 Date: March 24, 1954
 Time: 2020Z
 From: CDTF-7 Eniwetok
 To: Chairman AEC
 Subject: Weather outlook not favorable for firing for 3 or 4 days. Firing of Romeo.

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2-2. Number: NR S-383
 Date: March 24, 1954
 Time: 2012Z
 From: CDTF-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, WASH
 To: Eniwetok, with info copy to signer
 Subject: Re 351. Delay mentioned in msg 232234Z permissible to HASL. Please inform other concerned.

2-4. Number: CDTF-7-4019
 Date: March 27, 1954
 Time: 0521L
 From: CDTF-7
 To: AFST, Eniwetok and AFST, WASH, DCDP, Wash.
 Subject: AUSTIL schedule being reviewed.

2-5. Number: CDTF-7-4019
 Date: March 27, 1954
 Time: 1131L (250731L)
 From: CDTF-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 28, 1954
 Time: 1811L
 From: USAEC, WASH
 To: Eniwetok
 Subject: 2 nuclear survey meters with spare batteries are enroute to Eniwetok, Eniwetok, Eniwetok. Estimated time of arrival 2000Z.

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John F. DeLoach, DVA 2/2/54

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2-7. Number: SVC 9111
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 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 (26/0302Z)
From: CJTF-7
To: Chairman AEC
Subject: Report as of 26/1200N. Of 61 Rongelap, 32 have shown varying degrees of epilation. Many have stopped epilating. Two of 13 Ailinginae have shown all of 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 epilation and skin lesions. Mild lesions of axillae and ante-cubital fossae. 2 Utririk natives. Will biopsy. No epilation to date any Utririk personnel or Utririk natives. No systemic manifestations radiations sickness in any group at this time.

2-10. Number: SVC 9165
Date: March 27
Time: 1111Z (27/0302Z)
From: CJTF-7 Eniwetok
To: Chairman AEC and C/S USA
Subject: Pass to Strauss. Report as of 27/1200N. Survey of Utririk natives has revealed no lesions comparable to those seen in Rongelap group. The neck, 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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1-11. Number: NR S-511
Date: March 27
Time: 0332Z (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.

2-13. Number: NR S-621
Date: March 27
Time: 2340Z (28/0038Z)
From: JTF-7 Eniwetak
To: USAEC Wash
Subject: This is Ronec + 12 hour advisory. Pass to Strauss:

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Impressive sight to witness. Yield of approximately 21 kt corrected from initial value of 17 kt, still based on shock time of arrival and as yet not cross-checked with other experiments. Other evidence indicates lower 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. Enitar 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. 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 snips 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 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 Eniman. USMC personnel will move principally tomorrow, March 28, for preparatic that will be in 2 days. Wind advise plans for Castle schedule beyond that will be as soon as sufficient data from have been analyzed.

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2-11. Number: NR 8-025
Date: March 28
Time: 0707Z (28/0612)
From: COMF-7 Eriwetok
To: Chairman AF
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 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 60-year-old Utrik native with osteoarthritis and severe compensation admitted to the Naval Dispensary for treatment. This is the first case of radiation.

2-15. Number: NR 8-032
Date: March 29
Time: 0813Z (29/0612)
From: COMF-7 Eriwetok
To: Chairman AF
Subject: This is the first flight of the day. Part 1: (Moon) some clouds - fine. (0825Z - 0925Z) weather permitting. Part 2: Part 1: in flight. Part 2: complete 29/0705Z.

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2-16. Number: NR 8-033
Date: March 29
Time: 0813Z (29/0612)
From: COMF-7 Eriwetok
To: Chairman AF
Subject: Report as of 29/0612. Data reported from all monitor stations to 0813Z. Weather 0813Z - 0913Z. Flight WEL completed afternoon 29/0612. No significant increase in activity over BRATC 29/0612. Heavy aircraft reported .5 mr/hr contamination in flight before 0813Z. This persisted to end of mission. New subject: 2 mr/hr max reported Eriwetok 27/1900Z. Bikini reported 14 mr/hr on beach in lagoon and 35 mr/hr windward surfaces atoll structures occurring about 28/2200Z. Apparently high altitude activity originally in west has now filtering down to low level easterlies. Planning flight WEL re-run 30 days. May revisit Ujelang 31 March pending developments.

2-17. Number: NR 8-034
Date: 0912Z - March 29
Time: 17/0612
From: COMF-7 Eriwetok
To: Chairman AF
Subject: Report as of 29/0612. No significant change in natives or Americans.

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