

DELETED VERSION ONLY

R 087110

From STS 7.1 Brevet

To ICARC SFCO Alongside + MWA

Info Director LASH for Alongside MWA

Jig Division LASH for Alongside MWA

Passed by other means to (C) 7.1 Brevet

Cite JF 1806

For Cole info Name's boundary, Matlap, Hava, Fr Graves. Following is a summary of fallout fr Stob... advised of further developments and more frequently for... preparation with events subsequent to Hava...

Part 1: Fallout [redacted] travelled... from Bikini to Hava Atolls, and was... south of the island of Hawaii at 12:00 PM... 0.00 to 0.025 m/hr at 12-20,000 feet. The highest activity was... narrow band which passed just north of Matlap, Hava, and then near Hava.

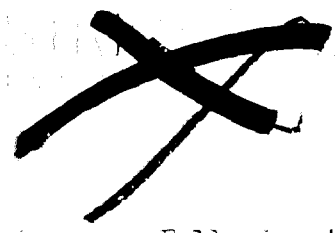
Part 2: Surface... at Hava were reported as 1.1 m/hr average... instruments (ANP-39 and NYL Scintimeter). Total of five instruments... experienced monitors utilized in survey. Consider this data reliable... started at Hava... 41 hours, (41) compute average... 100 m. Natives were evacuated by 10/20/41.

Part 3: Film badges... on Hava. Highest... 3 people living in a tent. Four... in metal barracks read 10, 10, 10, 10.

RG 326 US ATOMIC ENERGY COMMISSION

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control badges taken from refrigerated storage and carried in pockets for indeterminate time all over island. Aircraft evacuated the Weather Detachment by 6:00 PM, March 2. Maximum air reading 160 mr/hr. <sup>H + 3</sup> prior decontamination hour.

Ground station at Eniwetok began receiving about 100 mr/hr at 2:00 PM, March 1. <sup>H + 2.</sup>

Part 4: An aerial survey of Utirik at approximately 5:00 PM, March 2, at low altitudes indicated 150 mr/hr extra distance to reading (Gamma only by NYCO Scintaneter). At Eniwetok, March 2 (5:00 PM) surface readings were 160 mr/hr.

By estimating that fallout occurred at Utirik at approximately H plus 16 hours and that the natives were evacuated by 11:00 PM, March 1, compute the total dosage received to be approximately 2700 mr.

Part 5: All natives have now arrived at Eniwetok and are under the care and supervision of Colonel Hargrave. Health condition of natives remain satisfactory and physical examinations (except for skin) nothing unusual. There are no symptoms of radiation sickness as of now. It is obvious that it is difficult to feed but this is thought to be due to a general variation from normal diet. Procurement of foodstuffs is being accomplished via local natives. Present prognosis favorable. Natives very good.

Part 6: A ship APL (Anchor Line) ship (ship) arrived Utirik after fallout occurred. We will inspect this vessel at Utirik to determine whether or not she received any radioactive exposure. <sup>DOE/NV</sup> It is reported to have 50 persons aboard. This ship was scheduled to arrive at Eniwetok on March 1, 1954. It arrived Utirik 10:00 AM, March 2, and departed Utirik at 7:00 AM, March 3.

Part 7: Have dispatched Eniwetok B-10 with experienced monitor and interpreter aboard to perform water and soil sampling at some of populated atolls of Likiep, Jemo, Alik and Eniwetok. The Eniwetok B-10 is a Cook Island Territory ship mentioned Part 6. The Eniwetok B-10 will be dispatched by sea plane

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to survey and to take water and food samples at populated atolls at Watho, Wotje, Erikub, Maloelap and Majuro. Atolls being visited were those indicating more than .10 mr/hr and maximum of 150 mr/hr. All the atolls except Watho. Interpreters were included to converse native, reference disability of Bravo and radiation phenomena. Watho was backpacked and included for the latter reason.

Part 8: Requested CinCPac to obtain permission from the British to make a survey flight of AEC NYG type through the Gilbert Islands and return to Kwajalein. This made to completely exempt Bravo for the evidence on populated areas adjacent to Marshall Islands. US Naval Attaché in London indicated thru CinCPac-Flt that permission granted. He further advised that the colonial officer has informed Commission on his described flight without mentioning radiation aspects. He has requested that a summary of the results be passed to him for information British authorities. This will be done.

Part 9: The above is a general summary of the situation and an indication of the action which has been taken. End.

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