

400395

1 March 1954

## MEMORANDUM FOR RECORD:

SUBJECT: Command Briefing, 1100, 28 February 1954

Members present: Gen Clarkson, Gen McGinley, Dr. Graves, Adm Bruton, Col Cowart, Lt Col Harbour (in lieu of CIG 7.4) Capt Maynard, Lt Col Bonnot, and Lt Col House.

1. In general, the hodograph gave a forecast surface radex in the low levels ( zero to 15,000 feet) at about 50 miles in 6 hours, generally orientated to the west south west in approximately a 30 degree sector. In the high levels, the radex gave a 6 hour pattern centered on approximately 65 degrees in a narrow cone approximately 20 degrees wide.

2. The 72-hour cloud trajectories indicated all levels in a narrow band generally 65 degrees true from ground zero except the 10,000 foot level moving generally east through north to west and a 60,000 foot level moving southwest and then west.

3. RadSafe outlooks were given as follows:

- a. Bikini atoll: Favorable.
- b. Eniwetok atoll: Favorable.
- c. Ujelang atoll: Very favorable.
- d. Native atolls in southeast quadrant: Very favorable.
- e. Control DDE: It was recommended that the Control DDE be moved from a position 90 miles West of Ground Zero to a position 230 degrees True, 90 miles from Ground Zero.

f. ATF and the YAGS: The plot of the YAGS and ATF courses from about H minus 24 hours to H plus 2 hours was indicated. In general, from about H minus 5 to about H minus 3 hours the ATF and YAGS courses run approximately 15 to 20 miles from the armed device and the ATF departs from a position on the edge of the low altitude radex at about H minus 1 1/2 hours to a position approximately 35 miles south of ground zero at H plus 2. The movements of the YAGS and ATF were presented for whatever consideration was necessary in view of their close proximity to the device and the radex.

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**g.** No closure was recommended on air and surface routes through Wake and Kwajalein.

**h.** No transient shipping was reported within 500 miles of Ground Zero. It was pointed out that B minus 2 and B minus 1 P2V sweep had been sent out on headings of 300 degrees and 330 degrees respectively. This was based on earlier forecasts. Since the winds shifted around to a narrow band to the ENE, it was recommended that a B day P2V sweep along a bearing line approximately 65 degrees be laid on.

**i.** It was recommended that CINCPAC be advised of the following:

- (1) 72 hours trajectories.
- (2) Very favorable outlook for native populations.
- (3) No interference of the air and surface routes.

**j.** It was recommended that no change be made in the position of the task force ships.

**4.** In summary, it was recommended that RadSafe conditions be considered very favorable on all points, but only favorable at Bikini shot atoll.

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