

From
NMB-J

FOR R. C. SMITH'S APPROVAL BEFORE DISPATCHING

635
Castle

TO: Lt. Col. Edward Martell
DWET, AFSWP
Sandia Base
Albuquerque, New Mexico

THRU: Duncan Curry, Jr.,
J-Division, LASL

FROM: John D. Servis, TU-7

SUBJECT: RADIOLOGICAL SURVEY RESULTS

Make Old O
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OK. w/ sep
for PCS
(has seen)

1. Forwarded, herewith, for your information are close-in radiological survey results for Castle.

2. These results are incomplete because of the policy set forth by the Commander, TG 7.1, in which he states that individuals will not be exposed to high radiation levels except in case of emergency.

3. The data in the enclosure lists both ground and air readings. Some approximate information can be obtained if factors of 2 for 24 foot altitudes, 3 for 50 foot altitudes, and 5 for 100 foot altitudes are used. These factors may be incorrect by as much as 200% depending on the time and method of measurement.

4. Underlined readings indicate ground measurements.

1ST REVIEWER DATE 6/17/94
AUTHORITY: [Signature]
NAME: R. C. Smith
2ND REVIEWER DATE 6-17-94
AUTHORITY: [Signature]
NAME: John D. Servis
Commander, TU-7

Enc. Radiation Intensity List

Orig w/ copy of enc - Martell Ric. 137193
cc: TU-7 w/enc. [Signature]
M&R w/enc. [Signature]
cc - D. Curry, Jr. w/enc. [Signature]

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Radiation Intensities
(hr/hr)

data
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signature of
to an unau-
thorized person.

Bravo

	Able	Baker	Charlie (1200)
1 March			10,000 @200' (1130M)
3 March	<u>3,000</u> (1430M)	25,000 @50' (1010M)	7,000 @ 50' (1000M)
4 March	1,000 @50' (0845M)		2,000 @50' (0830M)
	<u>5,000-7,000</u> (1000M)		<u>10,000</u> (0930M)
5 March	N <u>40,000-50,000</u> (1100M)	3,000 @50' (0930M)	<u>5,000-8,000</u> (1100M)
	S <u>2,000-4,000</u> (1200M)		
7 March	N <u>11,000</u> (1200M)	2,500 @10' (0910M)	<u>3,500</u> (0900M)
	S <u>1,000</u> (1230M)		

Romeo

27 March			N-1,100 @300' (1030M)
28 March	> 50,000 @200' (0900M)		N 2,900 @300' (0900M)
29 March	75,000 @25' (0910M)		S 4,000-8,000 @400' (0900M)
30 March	26,000 @25' (0830M)	28,000 @25' (0825M)	N 50,000 @25' (0820M)
			N 10,000 @25' (0822M)
			S 32,000 @25' (0824M)
31 March	<u>10,000-30,000</u> (0900M)		S edge <u>5,000</u> (1200M)

6/17/94
H.P. Schmidt
6.17.94
R.E. Carpenter

CLASSIFICATION
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Koon

	<u>Uncle</u>		<u>Tare</u>	<u>Sugar</u>
	<u>East</u>	<u>West</u>		
7 April	25,000 @300' (0830M)	15,000 @100' (1430M)	3,000 @200' (0830M)	20 @25'
8 April		2,200-2,400 @100' (0900M)	*50,000 @200' (0902M)	8 @100' (0905M)
9 April	<u>12,000</u> (0845M)	<u>5,000</u> (1100M)	1,000 @500' (0900M)	
12 April		<u>1,000</u> (1230M)		
14 April	900 @25' (1430M)	400 @25' (1433M)	*30,000 @25' (1428M)	4-10 @25' (1425M)

*Crater Area

Nectar I

	<u>Daisy</u>	<u>Edna</u>	<u>Gene</u>	<u>Helen</u>
14 May			12,000 @25' (1530M)	1,100 @100' (1000M)
15 May	4,200 @25' (0900M)	4,000 @25' (0855M)	3,400 @25' (0850M)	110 @25' (0845M)
16 May	500 @25' (0840M)	<u>12,000</u> (0830M)		
17 May	<u>250</u> (0930M)	<u>4,200</u> (0925M)	<u>3,800</u> (0920M)	<u>100</u> (0915M)

‡ followed by heavy rain

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	<u>Dog (Watt Sta.)</u>	<u>Fox (Copter pad)</u>	<u>George (Smith Sta.)</u>
26 April	7,000 @200' (1115M)		8,000 @200' (1100M)
27 April	5,000 @25' (0900M)	3,000 @100' (0905M)	3,000 @100' (0910M)
28 April	2,000 @25' (0930M)	3,800 @25' (0920M)	3,800 @25' (0915M)
30 April	<u>1,000</u> (1200M)	<u>2,400</u> (1100M)	<u>2,000</u> (1130M)
2 May	<u>800</u> (0910M)	<u>800</u> (0905M)	<u>1,600</u> (0900M)

Yankee

5 May			12,000 @100' (1130M)
6 May	6,000-20,000 @25' (0910M)	3,800 @25' (0905M)	<u>4,000-6,000</u> (0900M)
7 May	3,000 @25' (0920M)	600 @25' (0915M)	600-800 @25' (0910M)
8 May		1,000 @15' (1005M)	800 @15' (1000M)
9 May	2,600 @25' (0940M)	600 @25' (0935M)	500 @25' (0930M)

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