

MARSHALL ISLANDS FILE TRACKING DOCUMENT

Record Number: 85

File Name (TITLE): Integrated Dosage at Ely, N.V.

Document Number (ID): 26971

DATE: 5/1952

Previous Location (FROM): CIC

AUTHOR: N. Lulejian, USAF

Additional Information: _____

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CyMIbox: 3

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~~SECURITY INFORMATION~~

Off-Site Operations Office
Nevada Proving Ground
Mercury, Nevada

5

26971

27 May 1952

MEMORANDUM TO: Director, Rad-Safe Group
FROM: Off-Site Operations Officer
SUBJECT: Integrated Dosage at Ely, Nevada during
SNAPPER/Easy Shot.

1. The integrated dosages mentioned below are based on the data inclosed.

2. It is estimated that the integrated dose at time infinity is from 400 mr to 500 mr; the 24-hour integrated dose is from 100 mr to 200 mr. In making these calculations it had been assumed the cloud passed Ely, Nevada at 0810, 7 May 1952, the fall-out began at 0900, and the fall-out stopped at approximately 1700. It should be noted that we cannot use the maximum reading at 0915 hours (see Inclosure #1) to estimate integrated dosages because this was the period of active fall-out and cloud passage. We have assumed that at H / 4 hours (0915 reading) 10 mr/hr additional was due to cloud passage and fall-out.

N. M. LULEJIAN
Major, USAF
Off-Site Operations
Officer, Rad-Safe Group

US DOE ARCHIVES 326 US ATOMIC ENERGY COMMISSION
RG _____
Collection <u>DBM Files</u>
Box <u>1194 B-1</u>
Folder <u>Fallout Data - Spring 1952</u>

CLASSIFICATION CANCELLED

BY AUTHORITY OF Spic 606.1 CGWT-5
BY Jose Diaz DATE 5/13/81
BY Wilbur A. Trauer DATE 5-13-81

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Encl # 2

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READINGS AT ELY, NEVADA, 7 MAY 1952

Monitor: Cpl. Irving O. Elge

	<u>Time</u>	<u>Readings in mr/hr</u> <u>3 ft. above ground</u>
7 May 1952	0830	10 mr/hr
	0850	18 mr/hr
	0900	27 mr/hr
	0915	30 mr/hr
	0945	28 mr/hr
	1130	14 mr/hr
	1230	12 mr/hr
	1430	8 mr/hr
	1700	7 mr/hr
	1900	5 mr/hr
	2200	5 mr/hr
	8 May 1952	0600

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Inclosure #1