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Pacific Southwest Region

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DECLASSIFIED PER DOE
LETTER DATED JULY 15, 1994
FROM ANTON SINISGALLI TO
DIANE S. NIXON

[redacted]
Pacific Proving Ground

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HAN - 1273

19 February 1953

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Holmes and Narver, Inc.,
APO 187, c/o Postmaster
San Francisco, California

SUBJECT: DECONTAMINATION TEST RESULTS - SITE IRENE

Gentlemen:

With reference to Job V Work Order No. 2590, the following list of results of the readings taken before and after working the test areas on Irene is submitted for your information. Readings were taken at knee height unless designated otherwise.

Area	Stain	Radiation Levels: Before worked 16 Feb 1953	Radiation Levels: After worked 18 Feb 1953
1 - West Area (6" of surface material removed by bulldozer)			
	A	90 mr/hr.	27 mr/hr.
	B	100 mr/hr.	35 mr/hr.
	C	100 mr/hr.	26 mr/hr.
	D	100 mr/hr.	38 mr/hr.
	E	100 mr/hr.	40 mr/hr.

(Readings ranged from 90 to 140 mr/hr in area previous to scraping. Readings at ground surface read around 12 mr/hr after scraping indicating background effect on knee height readings.)

2 - Middle Area (Surface disked about 6" deep)			
	A	105 mr/hr.	80 mr/hr.
	B	100 mr/hr.	70 mr/hr.
	C	110 mr/hr.	60 mr/hr.
	D	100 mr/hr.	46 mr/hr.
	E	110 mr/hr.	70 mr/hr.

(Readings ranged from 100 to 120 mr/hr in area previous to scraping. Ground surface readings were as high as 100 mr/hr after disking.

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CONTRACT AT (29-2)-20 1953
FOLDER MEDICINE, HEALTH & SAFETY 3-3 CONTAMINATION & DECONTAMINATION

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MEDICINE, HEALTH & SAFETY

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DIANE S. [illegible]

Decontamination Test Results - Site Irene (Continued):

Area	Stake	Radiation Levels Before worked 16 Feb 1953	Radiation Levels After worked 18 Feb 1953
3 - East Area (3" of surface material removed by bulldozer and then disked approximately 6")			
	A	100 mr/hr.	40 mr/hr.
	B	101 mr/hr.	60 mr/hr.
	C	100 mr/hr.	30 mr/hr.
	D	98 mr/hr.	20 mr/hr.
	E	105 mr/hr.	40 mr/hr.

(Readings ranged from 95 to 125 mr/hr in area previous to scraping. Ground surface readings read around 30 mr/hr after scraping and disking.)

4 - (An area approximately 18' by 75' to the east of Area 3 which was scraped to approximately 12". The entire area - even to within a few feet of the edges - exhibited readings of 9 to 10 mr/hr at knee height and about 8 mr/hr at surface height after working. It can be assumed that radiation levels prior to working this area would correspond to those found in the other areas. This area was not staked out.)

Very truly yours,

H. H. LEWIS
AEC Resident Engineer

HHL:ACJ:ctj

cc: EFO, Albuquerque
H & N - Losa
L. G. Chelius
DR-593
Chronol
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