

DOSIMETER RECORD

1969

Month: _____

1969

No.	Name	Day																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
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24																																		8
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44																																		

* 806 54 26 8 598 30 14 8

Here's what I could find on your dosimetry records:

I. Landia Labs

157 - 161

Deep 4.55 Rem
Shallow 4.59 Rem
Neutron 0.31 Rem
Extremity 0.11 Rem

II. Amco Lab

175 - 180

Beta 0.353 Rem
Gamma 5.497 Rem
Neutron 1.418 Rem
H-3 0.237 Rem
Right Hand 2.994 Rem
Left Hand 3.489 Rem

III. Amco Lab

162 - 174

Date very sketchy. Only found one report with exposure to you.

Only 1965: Gamma 28 millirem
Neutron 10 mRem.

(→
over)

Will dig more if you want, but doubt of any more than this. Could est. 50 mR/year??

Totals
In Rem

<u>Y</u>	<u>B</u>	<u>N</u>	<u>Ext</u>
4.55	<u>0.353</u> Rem	0.37	<u>6.833</u> Rem
5.697		1.418	
.028		.010	
<u>10.275</u> Rem		<u>1.738</u> Rem	

This is without complete data for 162 - 174.



BWH
9/24/94

$$\frac{13}{50} = 65 \text{ MR}$$

⇒ if use ave of 50 MR/year for 13 years = 0.65 R

Total

$$\frac{10.275}{.650} \text{ Rem} = 10.925 \text{ est. total \& dose}$$

1975-1980 - β 0.353 Rem
 γ 5.697 Rem

Neutron 1.418 Rem
 Deuteron 0.237 R

RNI 2.117 R
 LH 3.729 R

Year	Whole Bod (Rem)		Extremity		Fut term d H3 (mRem)
	α	Neutron	RNI	LH	
1981	0		0		
1980	0.977		1.705	2.18	
1979	0.310		0.046	0.065	
1978	0.0				3.03
1977	.167 x 0	0.084	1143	120	5.06
1976	.119 x 0	.168	0.1	0.50	20.31
1975	.143	.210			55.16
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					
1964					
1963					
1962					
1961					

1965 28^o 10

19.

1925 143~~08~~, 34m, 55.16³⁴ (mK)

Sandia National Laboratories

Albuquerque, New Mexico 87185

PRIVATE

August 12, 1994

Ames Laboratory/USDOE
Environment, Safety & Health
115 Spedding Hall
Ames, Iowa 50011

Subj: Report of Radiation Dose Information

Dear

We have received your radiation dose history request for
SS# We have data for the time
periods 57 to '61. The following information is
provided in response to your inquiry.

**RECORD OF OCCUPATIONAL RADIATION DOSE RECORD
RECEIVED AT SANDIA NATIONAL LABORATORIES**

	++++ EXTERNAL DOSIMETRY (rem) ++++			CUMULATIVE (TOTAL)		
	Deep	Shallow	Neutron	Deep	Shallow	Neutron
BODY	---	---	---	4.550	4.590	0.310
EXTREMITY	---	---	---	0.110		

++++ INTERNAL DOSIMETRY (rem) ++++

<u>Isotope</u>	<u>Sample Date</u>	<u>Bicassay Analysis Date</u>	<u>Assigned Radiation Dose</u>
	---	---	

* A double dash (--) indicates no dosimetry was performed.

If you have any questions regarding this information, please
contact our office on 844-6990.

Sincerely,

Dann C. Ward, 7715
Radiation Protection Measurements

BJS:7715

Copy to:
7715 FG5

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NAME	DAY																															total					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
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24			✓		20						✓									✓	110	✓											50	-24			
25										✓								40		✓	✓	✓				✓							0	25			
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38				✓																															20	-38	
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40			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20	-40	
41																																				—	-41
42																																				—	-42
43			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	31	-43	

NAME	DAY																															total		
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Handwritten checkmarks (✓) and numbers (20, 30, 10, 51, 2A) are present in the grid cells, indicating data points for each row and day.

