

727361

January 18, 1972

BEST COPY AVAILABLE

Dr. Barkhev F. Sanders
5823 Soledad Road
La Jolla, Calif. 92037

Dear Dr. Sanders:

A few Hanford employees were selected to participate in the testing of nuclear devices during the period 1953 to 1957. All were assigned Hanford dosimeters to wear during their participation in these tests. Initially there was no attempt to separate this exposure from their regular occupational exposure since it was received while in the employ of the same contractor, in this case General Electric Company. Subsequently an attempt was made to reduce the amount of on-site exposure by the amount received during the test and identify it as "off-site". Apparently by this time all records were filed in individual exposure record files with no cross-index or reference and it was difficult to identify these people. As a result, some were overlooked, as I am sure we have overlooked others who also participated in the tests.

Attached is a summary of those whom we were able to readily identify, mostly through first-hand knowledge of their participation. In each case the exposure recorded in their exposure files is based on the results of Hanford dosimeters assigned to them.

A time-consuming, manual search of all files would be required to identify all persons who participated in any of the tests.

Very truly yours,

[Signature]
K. R. Heid

K. R. Heid, Manager
Personnel Dosimetry

KRH:bg

cc: C. Kirklin

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REPOSITORY DOE-Richland
GSSC HUMAN TEST SUBJECT STUDIES
COLLECTION TEST OF NUCLEAR DEVICES

BOX No. 126016

FOLDER N/A

<u>Name</u>	<u>PR#</u>	<u>Identified as Off-site Exposure</u>		<u>Test Exposure Recorded in Personnel File</u>	
		<u>Non-Pen.</u>	<u>Pen.</u>	<u>Non-Pen.</u>	<u>Pen.</u>
DELETED	(1956, '57)	290	420 *	290	520
DELETED	(1953)	-	- **	2790	1200
DELETED	(1953)	-	- **	230	120
DELETED	(1956)	1100	2980	1100	2980
DELETED	(1956, '57)	350	390 *	1990	840
DELETED	(1956)	290	2380	290	2380
DELETED	(1957)	40	60	40	60
DELETED	(1957)	0	500	0	500
DELETED	(1957)	2530	1170	2530	1170
DELETED	(1956)	-	- **	0	120
DELETED	(1956)	1530	1100	1530	1100

* Some of the nuclear device test exposure identified as "off-site".

** None of the nuclear device test exposure identified as "off-site".