

INTER-OFFICE MEMORANDUM

404478

*Crossroads*

DATE 12 September 1946

TO: Dr. L. H. Hempelmann

FROM: Carl Buckland

SUBJECT: Bikini Apparatus Monitoring

On September 10 a request came from Harry Allen and Duke Taylor to monitor two pieces of equipment which had come in by express from Dr. Dessauer. They were checked for alpha beta and gamma. There was no alpha and very little beta and gamma. Highest beta and gamma reading total was 2.2 mr/hr which is negligible and not a health hazard.

Swipes with moist filter paper were taken. Louis Scivally tok counts in the beta, gamma counter. His results are tabulated below.

Standard					10 September 1946	
Time	Background	Count Abs.	Count Total	Net Count	Correction	
12:00	55.6	5197.0	891.6	836.0	6.2	
Sample #1						
<u>Total c/min</u>		<u>Net c/min</u>		<u>Abs. c/min</u>		
59.6		4.0		24.8		
Sample # 2						
71.0		15.4		95.48		
Sample # 4						
58.0		2.4		14.88		

All counts subject to  $\pm 5\%$  error.

*Carl Buckland*  
Carl Buckland

cc/ Harry Allen  
Files

REPOSITORY LOS ALAMOS NATLAB  
COLLECTION \_\_\_\_\_  
BOX No. TR 5987  
FOLDER Operation Crossroads