

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						
Total c/min	Net c/min		Abs. c/min			
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 NATL LAB
 COLLECTION _____
 BOX No. TR 5987
 FOLDER Operation Crossroads