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Renter and	REPO	SITORY SHARA	SAATCAB
Dr. Konneth Scott Greeker Badiation University of Cali	Laboratory	oTBS78	
Borkeley, Galiforn Dear Sens	da status	" OPERA TION	(ROSSROA)S

Enclosed are the results we obtained on the last chipment of paint camples. Results are in actual disintegrations per minute. Both bets and alpha results have been corrected for geometry and counter efficiency.

## These samples were analyzed as follows:

The surface area of the various paint fragments were measured with a planimeter in order to give us a relation between total counts and surface area. The samples were then ground and weighed in order to establish disintegrations per gram. The samples were then digested with 4 N HCl and the solution filtered. A solution was then made up to volume, a small aliquet plated directly for beta counting and another aliquet extracted for alpha activity by the supferron procedure. These samples containing a large amount of iron were analysed for alpha activity by carrying the plutonium directly with the lanthanum fluoride precipitation.

These analyses were done with somewhat greater care than the first group of samples you sent me. I am enclosing four copies of the results. You can give a copy to Capt. Walch and send one to Commander Marris if you think it advisable to do se.

Sincerely yours Class Atomie by Author Energy UNCLASSIFIED Wright Langham oute leavely officer Classification changed to . by authority of the U.S. Atomic Energy Commission, 11/6 ling change in classification) Per te arson 4 This docu affecting the national detense [] the meaning of By the transmission by the Espision (Signifure of person making the change, and da or the retty -manner to an Unaucionized person BEST COPY AVAILABLE

10-10-46 INT SAMPLES RECEIVED PROM BININI SEPTEMBER 2678. 1944 UNCLASSIFIED C.PI • • • ale Cade No. Beveriptian 763-Jevada - 13th September DAGE(S) Bright rod from bulk hoad of dock house THIS DOGE PEX SO Grey Samples from #5 barbette Rull Red sample from Stack WE Beches 30 14th September Paint Semples from stork trunk. REPOSITOR L.S.T. 185 14th Reptonber, Palat Snaples from bulk head of sup r-COLLECTION structure Port FRE 40. BOX No Charls 198-braaben - 14th September - APA 64 FOLDER Paint samples main dook FRN 80 8.7.3. 21.4g Pabrie from 1986. Sitting on foosle doe'z. WE-Galt Lake City - 18th September. Paint Samples 01 dock 723 90 L.S.T. 661 - 14th September. Paint Resploy from top of apportune ture Ol dook. WES-Arule - APA 85 - 14th September Paint Samples 01 dock. Part FEE 70 Pabris from top on focals. torimetion effecting the notion this document bonieins in L.S. 1. fft - 14 September. Paint the meaning th 61 deren ale minister A Straight In the St Resplay from min dook FRH - 30. the toph science is the state of the state o Tambi to W 1855-Rhind - 18th September. 30 404. Paint amples from stock trunk

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L.S.T. 545 - 15th September. Paint snaple main dock, part FRN 30.

> L.S.T. 280 - 18th September. Paint complet main dock 782 10 Midship

W.S.S. Fennsylvauia - 18th September

Daint Samples #5 Darbette

PENTA

DAGE(S)

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Pabrie frem ruider of 767-5 located en fam talle

U.S.S. Independence - 15th September. C.V.L.-22.

Daint complex from bridge

Pabrie from SH, rubbur side faoing blast.

Barrow APA-61 - 16th September.

Paint Samples from bulk hond of after dook house \$28 JE 185.

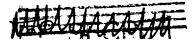
Pabrie from POP midships.

Paint samples from Gascounds APA - Q & Main Dock Stb. 80 Prome - 12th Septembe Rg. No. 355-051.

Paint Samples from USS Grittenden APA-77 - Hain Dock Part Frm. 150. Eg. Bo. 255-089, 13th Soptember

Paint Hample from Carborot - APA-70 on Main Dock. Purt Frume 180 - 18th September. Reg. No. 255-026.

Paint Sample from USS Mayrant SD-608 Sample taken from outside Halkhood of after dockhouse. Stb. Frm. 150. Mag. So. 255-023



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## Deseripties

Paint Samples from USS New York. Pertuide of the \$6 turret. Nog. No. 285-027 - 12th September.

Prins Bugens. Paint Sample from top e. Neady Box Ol dock Stb. Prm. 100. Neg. No. 255-028. 12th September

WES Dursen - Paint Samples Hain Book Port Frame SO. Rog. No. 258-030 -12th September.

Sample Corel Flaking off skipjack -10th September. Reg. He. RAS-OSE

Rist Samples from USS Salph Talbob 20-590 - Yth September, 1946. Tabes from stock trunk (part). Nog. So. 283-014.

Daint Sample from USS Falcon APA-61 Dakon on stb. side Fra. 200. Reg. No. 258-062.

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2.3	164,200	13,830	276	34-1	
B. G <sub>enal</sub>	172,700	8,900	206.6	8.5	
8	<b>64,900</b>	5,240	78.3	4.7	
<b>D</b>	805,000	8,780	545	<b>5.9</b>	
5 A	108,100	5,000	<b>88.4</b>	1.9	
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