-MEMORANDUM

September 23, 1947

5-7

FROM:

I. B. Venable

E. R. Jette

SUBJECT:

Supplemental Monthly Report of Production Data from D. P. West for

Period August 20, 1947 through September 20, 1947.

Symbol:

LAB CMR-11

Material Control

	Hanford Lots	Empty Containers		
I-1	Received August 20 - 62 Uncut lots OH - 5	Returned August 26 - 89		
	Due September 26 - 76 Uncut lots OH	OH September 20 - 92 Will return Oct.2 -120		
	September 20 - 10			

Bomb Decontamination

	Number <u>Cleaned</u>	Number Monitored	Number Cold	Percent Cold	
Plugs	256	232	186	80	
Bombs	215	209	129	62	

3. Recovery

Approximately 1590 liters of oxalate supernatant were received from Purification. This was concentrated to four liters containing 22.5 grams of plutonium and stored. One simulated Hanford batch containing 163.75 grams of plutonium recovered from a supernatant storage tank was sent to purification.

Purification

Fifty-seven Hanford lots were processed. Six skull recovery lots were processed.

5. Dry Chemistry

PUBLICLY RELEASABLE

Fifty-eight oxalate lots* were processed with an average conversion to fluoride of 94.4%.

* This includes six	skull recovery batches.	
Classification changed to:	IED	
By authority of: 14-4000 Mer	LINCI ASSIFIEDS	ocument contains information affecting the na-
By: The FSG-11 1/5c/8	MINCLASSILICITY	109 C. 113 Mill a States Military Incoll.
Verified by & m Sandand G4 FS5-16, 6/25/96	In the second	Re Act U.S. U. 50 and 32, its
Form (Signatures) (date)	name in the second	er to an unauting ized person on bited by law



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6. Reduction

Reduction <u>Series</u>	Number of Reductions	Charge <u>(Gms)</u>	Metal (Gms.)	Average <u>Yield</u>
A	5	2386.96	2306.64	96.63
X	19	8478.33	8258.01	97.45
	24	10.865.29	10.564.65	97.28

7. Metal Fabrication

1. Gallium Inventory ** (In grams)

OH Aug. 20	Rec¹d	Used	OH Sept. 20
19,904	E + A - 1073 G E - 8529	2	29504

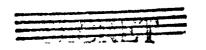
2. See attached table.

IBV/db

J. B. Verabla

** Warehouse inventory (Does not include "In Process" quantities)

UNCLASSIFIED





Summary of Fabrication Operation

August 20th to Sept. 20th

	Туре	Castings	Parts Machined	Parts Pressed	Parts Cleaned	Parts Coated	Parts Given Final Inspection	Finished Cores Given Final Inspection	1
On Hand First of Period	M III M IV R Spec	0 1 4 0	0 1 1 0	0 1 2 0	0 0 1 0	0 1 3 0	0 0 0	O to	er er Fer v
Number of New Parts Worked on During Period	M III M IV R Spec	0 6 0 0	0 4 4 0	0 4 4 1-a	0 4 4 1-a,1-b	0 4 4 1-a,1-b	0 6 3 0	0 3 - ,	UNCLA
Number of Parts on Hand at End of Period	M III M IV R Spec	0 2 0 0	0 0 0 0	0 1 0 0	0 1 0 0	0 0 8 1-a,1-b	0 0 0 0	0 0 - -	SSIFIED

⁽a) Returned Mark IV Hemisphere from M Division that was repressed, recleaned and recoated

(b) Returned Mark IV hemisphere from M Division that was stripped, recoated, and sanded flat.

Summary:

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- Three Mark IV gadgets sent out.
- 2) Two hemispheres cast, but not machined
- 3) One hemisphere, pressed, but not cleaned.
- 4) One hemisphere cleaned, but not coated.

