

**ROCKETDYNE**

## INTER-OFFICE LETTERS ONLY

TO	F/E.E.G. Addeo	DEPARTMENT	552- San-Su
FROM	J.S. Gurican	DEPARTMENT	552- San-Su
PHONE	481	DATE	1 March 1960
SUBJECT	MONTHLY REPORT - FEBRUARY 1960; CHEMICAL DISPOSAL - ACTIVITIES AT PITS, INSPECTIONS BURNING, CONVOYING, ECT.		

The following is a resume of time consumed during various activities at the Chemical Disposal Pits.

<u>CHEMICALS AND/OR FUELS DISPOSED OF</u>	<u>AMOUNTS</u>	<u>FROM WHICH TEST AREA</u>	<u>DISPOSAL AUTHORIZED BY</u>
Heptane	1000 Gal.	Quick Mix	E.L. Alexander 596-395
RP-1	165 Gal.	Research	Bud Nelson 596-5
JP-4	110 Gal.	Dept. 56	Bud Nelson 596-5
* Hydraulic Oil	385 Gal.	Delta	Bud Nelson 596-5
* Triethylamine	55 Gal.	SPA	Bud Nelson 596-5
Unidentified Fuels	110 Gal.	SPA	Bud Nelson 596-5
* Trichlorethylene	55 Gal.	Area Unknown	Bud Nelson 596-5
Ammonium Perchlorate	55 Gal.	Naka	Bud Nelson 596-5
Lab. chemicals and/or fuel samples	15 gal.	Chem. Lab. B	Bud Nelson 596-5
Solid Propellant	300 lbs.	Naka Area and Quick Mix Area	E.L. Alexander 596-395
* Fluorine (3 cylinders)	18 lbs.	Research Area	Bud Nelson 596-5

GRAND TOTAL GALLONS BURNED 1950 Gallons.  
 GRAND TOTAL LBS. BURNED 310 Lbs.  
 GRAND TOTAL CYLINDERS BLED 3 CYLINDERS

TIME CONSUMED.

<u>INSPECTIONS:</u>	F/E Addeo	2 Hrs.	TOTAL TIME - 10 Hrs.
	J.S. Gurican	6 Hrs.	
	Ed. Webb	2 Hrs.	
<u>BURNING:</u>	F/E Addeo	5 Hrs.	TOTAL TIME - 21 Hrs.
	J.S. Gurican	8 Hrs.	
	Ed. Webb	8 Hrs.	
<u>DRUM REMOVAL:</u>	Gurican		TOTAL TIME - 4 Hrs.
	J.S. Gurican	2 Hrs.	
	Ed. Webb	2 Hrs.	

MATERIAL ON HAND AWAITING DISPOSAL:  
NONE:

J.S. Gurican  
552-49

Ex. 34 - 5134

**ROCKETDYNE**

## INTER-OFFICE LETTERS ONLY

TO R. J. Madden DEPARTMENT 552 - SanSu

FROM E. G. Addeo DEPARTMENT 552 - SanSu

PHONE 520 DATE 4 April 1960

SUBJECT MONTHLY REPORT - MARCH, 1960; CHEMICAL DISPOSAL - ACTIVITIES AT PITS, INSPECTIONS BURNING, CONVOYING, ETC.

The following is a resume of time consumed during various activities at the Chemical Disposal Pits.

<u>CHEMICALS AND/OR FUELS DISPOSED OF</u>	<u>AMOUNTS</u>	<u>FROM WHICH TEST AREA</u>	<u>DISPOSAL AUTHORIZED BY</u>
White Fuming Nitric Acid	1,040 Gal.	SPA Area	F. A. Nelson 596-5
Red Fuming Nitric Acid	120 Gal.	SPA Area	F. A. Nelson 596-5
Contaminated Hydrazine	1,050 Gal.	SPA Area	F. A. Nelson 596-5
Contaminated UDMH	600 Gal.	SPA Area	F. A. Nelson 596-5
Pentaborane & RP-1	55 Gal.	Chem. Lab. "A"	R. C. Ahlert 596-392
Pentaborane & Acetone	165 Gal.	Chem. Lab. "A"	R. C. Ahlert 596-392
Lube Oil, Contaminated	440 Gal.	Unknown	F. A. Nelson 596-5
Hydraulic Oil, Contaminated	55 Gal.	Delta	D. T. Hayes 596-162
RP-1, Contaminated	55 Gal.	Chem. Lab. "A"	F. A. Nelson 596-5
Acetone, Contaminated	55 Gal.	Unknown	F. A. Nelson 596-5
Lab. Samples (Fuels)	25 Gal.	Chem. Lab. "B"	E. F. Cain 596-392
Solid Propellant & Heptane	25 Gal.	Chem. Lab. "B"	E. F. Cain 596-392
Hydrogen Cylinders (Small)	7 CYL.	Hot Fuel Lab.	R. B. Lawhead 596-391
Methane Cylinders (Large)	4 CYL.	Chem. Lab. "A"	R. C. Ahlert 596-392
Ethane Cylinders (Large)	2 CYL.	Chem. Lab. "A"	R. C. Ahlert 596-392
Ammonia Cylinders (Small)	2 CYL.	Hot Fuel Lab.	R. B. Lawhead 596-391
Hydrogen Cylinders (Large)	6 CYL.	Chem. Lab. "A"	R. C. Ahlert 596-392
Deuterium Cylinders (Small)	6 CYL.	Hot Fuel Lab.	R. B. Lawhead 596-391

Grand Total Gallons Burned - 3685 gallons

Grand Total Cylinders Bled - 27 cylinders

All of the above material was inspected by Mr. F. A. Nelson, D/596-5 and after inspection all material was ordered destroyed.

The twenty seven gas cylinders were only partially filled and were of no further use.

Ex. 34 - 5136

To: Chief O. C. Ledbetter  
 From: Capt. A. W. Miller  
 Subject: LOX Spill; Bravo Area and Subsequent Events

Page -3-  
 8 September 1958

The minimum membership is appointed and is comprised of the following:

Chairman-Secretary - 596 Analysis and Equipment Group Leader -  
 D. J. Jolicœur

596 Propellant Field Applications Supervisor - L. D. Weber

552 Industrial Security - Capt. A. W. Miller

551 Medical Director - Dr. A. L. Keller

593 Plant Engineering - E. L. Spearman

551 Safety - Rex B. Gordon

851 Safety, Industrial Hygiene Consultant - J. B. Ficklen

BURN PIT FOR THE DISPOSAL OF DANGEROUS MATERIALS:

Several months ago, while in the Inspection Office, the writer had a large earthen pit constructed near the west boundary line of FSL just below CTL III. This was, and has since been, used to dispose of dangerous chemicals, fuels, oxidizers, explosives, etc. These are burned with quantities of ordinary contaminated fuels. This procedure eliminated the costly method in use at that time, of trucking them from the facility and dumping in the ocean; or by other complicated ways of disposal requiring permits from various official agencies, etc. This usually required from three to six months, and similar materials were accumulating everywhere as a result. Arrangements have been made with transportation regarding safety practices in handling. Inspection and conveying of these materials is done by the Fire Department. The writer has just been informed by Don Hata, D/596-62, of the Propellant Field Applications Group that an official procedure is being written on the disposal of hazardous materials. This will incorporate the D/552 disposal method as standard procedure. Large amounts of Hydrazine, UDMH and other materials, which have required expensive neutralization methods, can be disposed of in this manner in the future. For example, 45 drums of assorted mixtures of UDMH and Hydrazine are being disposed of at this time. This would ordinarily require a large amount of Hydrogen Peroxide for the neutralization material.

CONTRACTORS' JUNGLE, AREA II:

This is the area set aside for contractors' shacks and various materials. It has always been an unsightly mess. A fire break has been constructed around this location and intervening brush and grass burned out. Large amounts of accumulated rubble from former contractors has been burned. The area is now safe and contractors will be allowed to burn a limited amount of small material under controls. The whole area is being cleaned up and will be policed regularly in the future.

Ex. 34 - 5161

To: Chief G. C. Ledbetter  
From: Capt. A. W. Miller  
Subject: LOX Spill; Bravo Area and Subsequent Events

Page -4-  
8 September 1958

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HYDROGEN PEROXIDE, TEMPORARY STORAGE LOCATION:

This has been located in Area II in the open land between the Silverdale Lake and the Contractors' Jungle. Brush and grass were burned from the perimeter and storage of about 30 tons of this material is now accomplished. This relieves the dangerous storage condition that existed around the SO-1 Area.

POWER FAILURE, FYI:

On Saturday evening, 6 September 1958, at 5:32 P.M., the entire facility suffered a power failure as a result of lightning. Edison Company power was off for about one hour. The writer was notified at home by the Control Center Operator and drove up to the facility immediately. Considerable difficulty was experienced in locating the proper Edison Company Office furnishing power to this facility. Telephone numbers listed were out of date. The procedure for notification in event of power failures, etc., at this facility was also found to be out of date, and should be rewritten. This will be taken care of in the immediate future.

A. W. MILLER  
Fire Captain  
Santa Susana

AMM/lgk

Ex. 34 - 5162

GURICAN  
0005

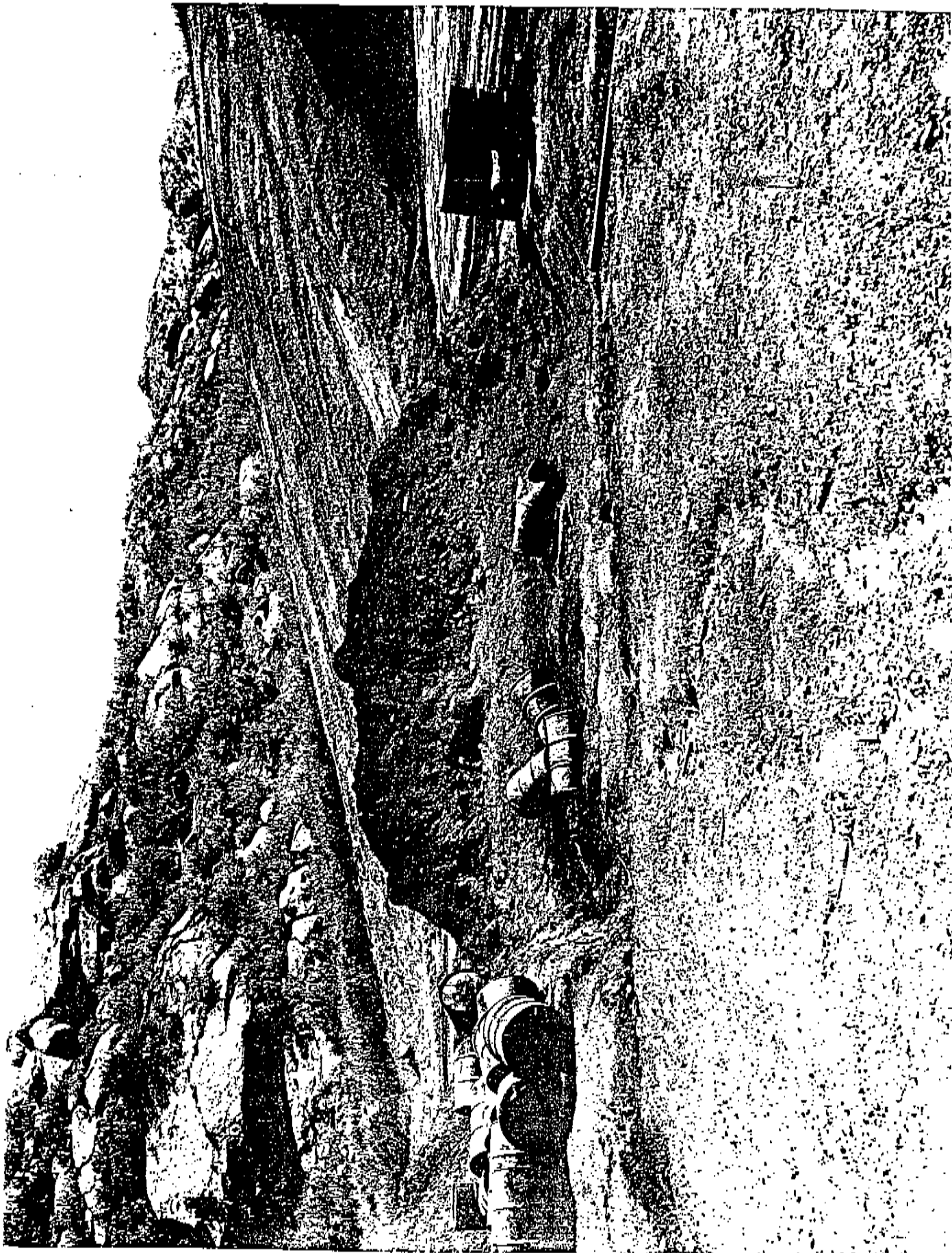


ROCKETDYNE  
 PHOTOGRAPHIC DEPARTMENT

1297-3/21/60-S1D

Ex. 34 - 5188

GURICAN  
 000104



Ex. 34 - 5187

GURICAN  
000103

AND FINISH FUELS DISPOSAL - A/E WATER  
RETAIN T-NO DRAIN-OFF TO SECONDARY PITS

Handwritten initials or mark.

