May 13, 1969

TO: R. W. Hartzler ✓
Address: D/765 AB19

FROM: R. R. Davidson
D/767 A518

1343

Subject: Gas Service for Sodium Burning - Santa Susana

Reference: IL to R. W. Hartzler from R. R. Davidson - Ventura County Air Pollution Control, dated 4-24-69

An extension to the Santa Susana natural gas service from the Bldg. 020 area to the burn pit area will cost approximately $6000. This does not include piping within the burn area since this will be the same for natural gas or propane.

As an alternate to natural gas, we can relocate our 500 gallon propane tank from Building 011 to the burn area without jeopardizing the use of the tank for servicing small propane bottles. If this tank can not be conveniently moved, we can rent a 1000 gallon tank for $70 per year.

For sodium burning operations, the estimated cost of natural gas is $120 per year, and for propane gas, $520 per year, using our tank. By renting a 1000 gallon tank, we can reduce the propane cost to $465 per year, including the tank rental.

For cost comparison, we are looking at a $6000 investment versus a $100 relocation cost, with fuel cost differentials per year ranging from $345 minimum to $400 maximum.

In view of the uncertainties of a continuing sodium burning program at Santa Susana, I recommend that we take the most expedient course by installing a propane system. This can be done very quickly, and there will be no capital loss if the burning program must be terminated, or if an increase in activity makes a natural gas line advisable in the future.

Piping and controls within the burn area will cost approximately $500.

R. R. Davidson
Design Specialist
Facilities Engineering

RRD/sc

cc: R. D. Breslow
F. E. Dunning
F. J. Burnett
L. J. Wells ✓

BNA03134565

Broslow
Davidson's recommendation
Good
Please assign to DE for action

ROCKWELL CORPORATION
AEROSPACE AND SYSTEMS GROUP

Date May 15, 1969

TO R. W. Hartzler
Address D/765 AB19

FROM R. R. Davidson
Address D/767 AB18

Phone 1843

Subject Gas Service for Sodium Burning - Santa Susana

Reference: IL to R. W. Hartzler from R. R. Davidson, Ventura County Air Pollution Control, dated 4-24-69

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WOLFE

ECRQ

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Piping and controls within the burn area will cost approximately $500.

R. R. Davidson
Design Specialist
Facilities Engineering

RRD/et

dc: R. O. Broslow
F. E. Corning — 0365
F. C. Burnett
H. J. Wolfe

We have an obligation to Ventura County

BNA03134568

27 July 1971

TOXIC MATERIALS - DISPOSED OF AND ON HAND

D/052 - Disposal Area - SSFL

The following listing of toxic materials have been disposed on in the Protective Services Area I Disposal Area during the period of June 1968 thru June 1970:

MATERIALS	AMOUNT
Aqueous Ammonia	538 Gallons
Aluminum Chloride	230 Pounds
Carbon Tetrachloride	28 Gallons
Alkaline Cleaner	150 "
Chloroform	8 "
Benzene-Hydrochloric Acid Mixture	990 "
Methanol-Cupric Chloride-Aluminum Chloride Mixture	880 "
Hydrofluoric Acid	110 "
Neutralized Acid	110 "
Plating Solution	255 "
Sulfuric Acid	120 "
Caustic Soda	535 "
Perchloric Acid	6 "
Nitric Acid	209 "
Sodium Hydroxide	550 "
Fluorine Gas	960 Cu. Ft.
Florax	0.5 Lbs.
Hydrogen Sulfide	10 Cu. Ft.
Lackrymatory	70 Gallons
Triethylaluminum	110 "
Triethylboron	112 "
Triethylboron-RPI Mixture	39 "
Hydrazine	1900 "
Unsymetrical-Dimethyl-Hydrazine	300 "
Mono-Methyl-Hydrazine	547 "
Nitrogen Tetroxide	612 "

continued -

BNA03134629

Toxic Materials Disposed of - continued

MATERIALS	AMOUNT
Inhibited-Red Fuming Nitric Acid	354 Gallons
Phosphoric Acid	30 "
Chlorine Trifluoride	80 Lbs.
MHF-5 Samples	20 Gallons
Misc. Lab Chemicals (Various Size & Type)	165 Gallons

GALLONS	-	8,748
Pounds	-	310.5
Cu. Feet	-	970

BNA03134630

The following listed items indicate those toxic type materials presently on hand in the Protective Services Disposal Area. Amounts are approximate.

MATERIALS	AMOUNT	CONTAINER
Ethylenediamine	55 Gallons	Drum
Diethylene Triamine	55 "	Drum
Hybaline	50 "	Cylinder
Hybaline - Cal-3	50 "	Cylinder
Mono-Methyl-Hydrazine	350 "	Drums
Hydrazine	100 "	Drums
Mydyne	50 "	Drums
Nitrogen Tetroxide	600 "	Drums
Oxygen DiFluoride	720 Cu. Ft.	Cylinders
Chlorine	240 Cu. Ft.	Cylinder
Nitric & Hydrofluoric Acid Mixture	110 Gallons	Drums
Nitric Acid	34 Gallons	Metal Container & Glass Bottles
Sulfuric Acid	64 "	Plastic Containers & Glass Bottles
Phosphoric Acid	2 "	Glass Bottles
Hydrochloric Acid	1 "	Glass Bottle
Pyradine	6 "	Glass Bottles
Acetic Acid	1 "	Glass Bottles
Ethylene Oxide	50 "	Cylinder
Trimethyl-Borate-Methanol	40 "	Metal Cans
Para Xylene	55 "	Drum
Formic Acid	1 "	Glass Bottle

1674 GALLONS
960 Cu. Ft.

23 July 1970

BNA03134631

19 January 1971

A. G. Coffman
D/052 - DA14

J. H. Ecroyd
D/052 - SS12

5515

DISPOSAL OPERATIONS

On Tuesday, 19 January 1971, the writer telephonically contacted Chief B. B. Haggard, Ventura County Fire Department, regarding disposal operations at SSFL. Chief Haggard was advised of the problems we are experiencing due to the self-imposed ban on burning. This ban has been instituted until such time as a formal meeting can be arranged with Chief Haggard, the writer and the Ventura County APCD Director.

It was explained that we have an Air Force Explosives Safety Inspection coming up in the near future, and that we would be in violation of Air Force Quantity Regulations unless we are able to dispose of some materials currently on hand.

The writer explained that the only safe means of disposal was on site by burning, due to the over-the-highway transport hazard of such material. Chief Haggard advised that under the APCD Rule #56, it would be permissible to make our disposal of the indicated materials at this time, and that his permission was granted under these circumstances.

We will arrange for the disposal operation as soon as possible, and will conduct the operation at Haggard's request only during those hours between 8:00 a.m. and 12:00 Noon. No specific date was given, however, we will advise the County at the time of disposal.

J. H. Ecroyd

J. H. Ecroyd, Chief
Protective Services - SSFL

JHE:fs

cc: File

BNA07274703

22 January 1971

A. G. Coffman
D/052 - BA10

J. E. Kercyd
D/052 - BE12

5515

MEETING REGARDING APCD RULES

Thursday morning, January 21, 1971, the writer met with Chief R. B. Haggard and Battalion Chief J. Aslin, Ventura County Fire Department; Mr. J. Lehr, APCD Director, Ventura County; Henry Weiss, Operations Surveillance, and John McCarthy, Manager, Propulsion Operations Advanced Programs, in order to clearly define the effects of the new APCD rulings on our operations. After some discussion, four points were made that needed clarification. These points were:

1. Disposal by burning of hazardous materials; these materials being classified as explosives or hazardous due to some other inherent property.

2. Semi-hazardous. This category would include materials such as the various hydrazines and like compounds that are left over from programs or have been altered by additives, etc. These materials are of a hazardous nature, but could conceivably be disposed of by a vendor or some other means than burning, if a vendor could be obtained or a neutralization process could be worked out.

3. Control burning for the purpose of fire prevention.

4. Training of department personnel and other company employees, utilizing live fires.

Item #1 above, after discussion, would appear to present no great problems. Both Chief Haggard and Mr. Lehr readily understood the problems inherent and indicated that the mechanics of notification and permit issuance could be worked out. Chief Haggard directed Battalion Chief Aslin to work with the writer in setting up the mechanics involved in notification and requests for permits. It is felt by the writer that this process can be conducted by merely making a phone call to the Ventura County Fire Department, Battalion #4 Headquarters in Simi.

In the case of Item #2, it would be necessary for us to advise, through our Fire Department liaison, of the materials and quantities that we wish to dispose of and which would then be passed to Mr. Lehr, who would get back with us and H. Weiss so that an equitable solution could be found.

BNA07274704

Item #3, Chief Haggard indicated that at the time of controlled burns, an inspection would have to be made and ground rules worked out at the time. He made it a point to be quite definite in this area and to indicate that decisions in this area would be made by him or his subordinates with the tacit consent of Mr. Lehr. Mr. Lehr offered no objection to this. From this bit of conversation, the writer drew the conclusion that we would be somewhat limited in our burning program, but that we would have very good, solid support from Chief Haggard; and that he preferred to make the disposition rather than Lehr.

Regarding Item #4, Protective Services training and the training of operating personnel utilizing fire, both Chief Haggard and Lehr were in agreement that there was no problem; that this would be handled in the same manner and be correct according to law, as if the County Department itself was conducting the training.

In summation it is felt that the conversations were useful to both sides, and that we now have a good understanding of what the County will expect, and that under the provisions of APCD Rule #56, we are in basic compliance. The conversations were straightforward and there were no particular areas of disagreement between the parties. The main thing Chief Haggard and Mr. Lehr stressed, is that they be advised, as nearly as practicable, the types and quantities of materials of which are to be disposed.

The writer will meet with Battalion Chief Aslin at the earliest possible time to set up the procedures whereby notification to the County may be made. As soon as this is accomplished, a written procedure for Protective Services Supervision and the Control Center will be developed.

J. H. Ecroyd

J. H. Ecroyd, Chief
Protective Services - SSFL

JHE:fs

cc: File

BNA07274705

Internal Letter

North American Rockwell

AE
File SS

Date 22 January 1971

No.

TO PROTECTIVE SERVICES SUPERVISION
Address SSFL

FROM Chief J. H. Ecroyd
Address D/052 - SS12

Phone 5521

Subject APCD RULING RE OPEN BURNING

As you are aware, we have imposed a ban on all open burning since Oct. 1970. This has been necessary to assure compliance with Ventura County APCD rules until a meeting with concerned Ventura County authorities could be held.

The meeting has taken place and it is felt that a workable agreement has been reached. The writer will meet further with the County to work out the mechanics of the permit procedure and to define all areas to be covered. When this has been done, written Protective Services procedures will be instituted. Until such time of publication of P.S. procedures, all open burning is still banned. The only exception will be in those cases where a dire emergency is involved. That is in the case of a leaking container or an immediate danger to life or property is involved. Even under these circumstances, VCFD will be advised. They must be told the time of the burn, duration, type of material and the amount. They should also be made aware, as nearly as is practical, why we must burn, i.e. life or extreme property damage. Normally the writer will make the determination to burn or to take some other course of action. An effort will be made in all such instances, during odd hours, to contact the writer, however, if you are unable to make contact, you will be expected to use your own best judgment.

It must be remembered that indiscriminate burning can subject both you and the Company to disciplinary action.

J. H. Ecroyd
J. H. Ecroyd, Chief
Protective Services - SSFL

JHE:fs

dc: A. G. Coffman
R. D. Barto (info)
File

BNA07274702

VENTURA COUNTY FIRE DEPARTMENT
Santa Paula, California

TO: James Lehr
Air Pollution Control District

February 2, 1971

File SSFL

Chief John Ecroyd
Rocketdyne Protective Services

Control 2

Control 4

FROM: Battalion Chief John Asselin

SUBJECT: Notification of Controlled Burning at Rocketdyne's Santa Susana Facility

As a result of a meeting held at the Rocketdyne Protective Services Headquarters on January 21, 1971, Chief Haggard has authorized Ventura County Fire Department personnel to relay, by radio, information from Rocketdyne to the Air Pollution Control District in Ventura. This will be done when Rocketdyne has items to be disposed of by burning.

To expedite this service, a special series of Ten Codes has been assigned, and will be used by the dispatchers at Control 4 (Simi Valley) and Control 2 (Ventura). The messages will be coded by personnel of the Rocketdyne Fire Department and decoded by personnel of the Ventura County Air Pollution Control District. The responsibility of the Ventura County Fire Department dispatchers will only be to relay the coded message by radio.

Items to be disposed of because of their hazardous nature will fall into five (5) general categories. Open burning for training and fire prevention will each fall into separate categories. Each category is assigned a Ten Code as follows:

10-60 Laboratory sample quantities of miscellaneous explosives, from a few grams to 1 pound in weight, usually small and varied among the examples listed below:

a. Nitromethane
b. Nitroform & Methyl Vinyleather
c. Hydrazine Nitrate
d. Picric Acid
e. T.N.T.
f. Comp. C-4
g. Tetranitromethane
h. Nitro-glycerine Solution
i. Hydrazine Nitrate in Methanol
j. Trinitro Ethelene
k. Diethlene Glycol Dinitrate

BNA07274706

10-61 Miscellaneous explosive mixtures; plastic explosives; Comp. B or C cast explosive solids, varying in weight from ½ pound to 5 pounds.

Examples:

a. Comp. B (59.5% R.D.X., 39.5% T.N.T., 1% wax)
b. Comp.C (88.3% R.D.X., 11.7% Plasticizer)
c. R.D.X. (Cyclonite) $C_3H_6N_6O_6$

10-62 Toxic and/or reactive explosive compositions of uncertain nature. Could be mixtures of items listed in 10-60 and 10-61. Exact formulation may be classified.

10-63 Damaged packaging of reactive/toxic chemicals and explosives. This could be any of the above items or materials of equal hazard. This category may involve larger quantities than the previous three categories.

10-64 Semi-hazardous materials or conditions. A.P.C.D. to call Rocketdyne personnel by telephone (213-347-9660). All items in this category will require consultation between Rocketdyne and A.P.C.D. to determine final disposition.

10-65 Training fires.

10-66 Burning of grass and brush for fire prevention in inaccessible areas. Requires prior approval and inspection.

10-Code Suffix Letters

Each 10-code will be suffixed with the letter A, B, or C, indicating the anticipated duration of the burning project as follows:

A Short duration (1 to 15 minutes)
B Medium duration (15 minutes to 1 hour)
C Long duration (1 hour or longer)

Procedure

I. When Rocketdyne determines that items must be disposed of, they will encode it according to the proper category, and call Control 4 by telephone and give them the following information:

a. Material to be burned (in Ten Code)
b. Duration of burn (letter suffix)
c. Exact time that burning will begin
d. Date burning will begin
e. Burning permit number

BNA07274707

Example:

Rocketdyne Fire Department is going to burn 1½ pounds of R.D.X. (high explosive) at 10:45 on February 7, 1971. They will call Control 4 and give them the following message:

"This is Chief Ecroyd at Rocketdyne. We will have a 10-61A at 10:45 today (Feb. 7, 1971). Our Permit number is VC24711. Will you pass on our request to the A.P.C.D.?"

II. Control Four will acknowledge the request and call Control Two in the following manner:

Control 4: "Control 2, Control 4."
Control 2: "Go ahead, Control 4."
Control 4: "10-61A, 10:45, 2-7, VC24711."
Control 2: "10-4. KCR 739."

III. Control Two will call the A.P.C.D. at 648-6181, Ext. 3351 and repeat the information.

IV. The A.P.C.D. representative will then decode the information and enter the information in his log.

V. If the A.P.C.D. needs further information, they will call the appropriate personnel by telephone.

Permit #s
87151

BNA07274708

14 May 1971

Chief R. D. Barto
D/052 - AA89

Capt. J. M. Kercyd
D/052 - SS12

5515

MEETING WITH VENTURA COUNTY FIRE DEPT.

On Thursday afternoon, May 13, 1971, the writer met with Battalion Chief M. Sellers and Captain W. Burkhart, Ventura County Fire Department, regarding brush and weed abatement.

During the discussion Chief Sellers indicated that there would be no burning of combustible growth allowed anywhere in Ventura County, and that our only alternative would be hand cutting. He indicated that he had spent the last two weeks working on the brush abatement program within his area of responsibility and was sympathetic to the problems and costs inherent in hand cutting. However, under the present APCD rulings, there was no alternative.

The writer advised Ken Johns of the Maintenance Department, so that provisions can be made for the hand cutting. The program of brush abatement as we have known it in the past can no longer be supported. The total area burned in the past cannot be hand cut economically. It will be necessary to re-survey and determine those specific areas where concentrated efforts must be made. The economics will heavily weigh as to what can be done. At this particular time it is questionable whether D/052 personnel can be used for this cutting program due to labor contract commitments of Maintenance. If the scope of work should be more than Maintenance can perform, D/052 personnel could possibly be used. Ken Johns will have to make this determination.

J. M. Kercyd, Captain
Protective Services - SS7L

JMK:fs

cc: A. G. Coffman
File

BNA07274701

Internal Letter

North American Rockwell

Date 26 May 1971

No. PO-71-26

TO Tom Carter
Address D/565, SS11

FROM J. R. McCarthy
Address D/589-195, SS11

Phone 5087

D/565,SS11
R Bland
D/540, EB11
TV Carpenter

D/598,SS11
H Weiss

D/589
R Bright
W Kennedy

D/052, SS12
A DiSepio
J Ecroyd

D/051,SS11
J Thompson

Subject: INVENTORY, MATERIAL FOR DISPOSAL THAT CANNOT BE BURNED DUE TO APCD RESTRICTIONS, AND CANNOT BE DUMPED DUE TO WATER POLLUTION RESTRICTIONS

The following inventory list contains the materials currently on hand in Advanced Programs for disposal. Some is in the Advanced Programs laboratories, and some of it is stowed in the Burn Pit area. I expect that this list, along with one from Industrial Security, for materials at the Burn Pit (exclusive of what is in this list), and one for the excess materials at SPA should provide a preliminary view of the problem to be met in SSFL excess chemicals, propellants, and materials that cannot be destroyed nor discarded.

Advanced Programs (SSFL) Disposal Inventory

A. NAKA

Aluminum 5-11	250 lbs
Ferric Oxide	90 lbs
Lithium Hydride	50 lbs
Ammonium Oxalate	300 lbs
Ammonium Sulfate	300 b's
Zinc Oxide	100 b's
Calcium Oxide	100 lbs
p-Phenyldiamine	25 lbs
Sodium Bicarb	25 lbs
Ammonium Chloride	10 lbs
Sodium Sulfate	2 lbs
Potassium Sulfate	5 lbs
Lucite	50 lbs
Geon	25 lbs
Copper Oxide	70 lbs
Polyethylene Plastic	50 lbs
Magnesium Turnings	4 lbs
Hexachlorethane	10 lbs
Cabosil	3 lbs
Adipic Acid	5 lbs
Rubbert	20 lbs
Vinol PA.40	10 lbs
Polybutene	1-1/4 gal
Hylene TM	2 gal
Oronitraisophtrain	2 gal
ZP-211	2 gal
Exp. Butadiene	1 gal
Acrylonitrile copolymer	1 gal
Butyl Acrylate	1 gal
Methyl acrylate	1 gal

ROCKETDYNE
PROTECTIVE SERVICES
OFFICE
MAY 28 1971

BNA03134640

NAKA - (Continued)

Waste Propellant	15 lbs

B. BUILDING 365

Reinforced Grains	200 lbs
Flare Grains	30 lbs

C. BUILDING 385

P-151 PyroMix	45 lbs
Smoke Mix	225 lbs
Smoke Grenades	8 lbs

D. BUILDING 997

Nitrate of Soda	1300 lbs
Potassium Chlorate	1650 lbs
Potassium Nitrate	300 lbs
Ammonium Dichromate	75 lbs
Lithium Perchlorate	50 lbs

E. BURN PIT

Box #1

Methylaminoanthraquinone	500 grams
Diethylene Tech.	1 pt.
Ammonium Oxalate	3 lbs
Ammonium Bicarbonate	3 lbs
AZ Elaic Acid	3 lbs
Alumina Abrasive	1 lb
Magnesium 3 ea. cont.	3 lbs
Sulfur	2 lbs
Red Dye	1 lb
P.V.A. -40 Powder 2 ea. cont.	2 lbs
P.V.A. -5 Powder	1 lb
Kel-F Dispersion	1 Qt
Titanium Dioxide 11 ea. cont.	10 Lb
Graphite Acid Purified 4 ea	3 lb
Phosphorus Powder	15 lb
Zirconium nickel Alloy Powder	2 lb
Sauereisen Thinning #15	1 Qt
Ceramic Thermospray #101 2 ea	4 Lb
Polymethylene Polyphenyisocyanate	1 bs
Sodium Nitrate	2 lb
Ram GS-3 Lubricant 7 ea	
Araldite 6010	5 lbs
Ethylcelluose	2 gal
Hydroxymethyl	1 lb
WAQ	2 lbs
Violet Dye 2 ea	1 lb

BNA03134641

Box #2

AIKI 45-53	
Formaldehyde Solution 2 ea.	2 pt.
Modified Amine A-100	
I.D.P. + FeAA	1 pt
LP-33	
2-Diethylaminoethanol	1 pt
Diethylamine	1 pt
Vorite	1 pt
Retractory Cement H540	4 lb
Polymer Hydroxyl #56	1 Qt
Phosphorus Amorphous	1 lb
Potassium Periodate 2 ea.	2 oz.
Seez O_2 Oxygen Absorber	6 oz
Lithium Aluminum Hydride	100 grams
Aluminum - 1-511	1 lb
Polycin #52	6 oz
Levelene	2 oz
Polytetrafluoroethylene	6 oz
Red Color Dye 2 ea	2 oz
Acryloidq	6 oz.
Fluoroelastomer LD-253	3/4 lb
N.H.P. Alm 3 ea	1/4 lb
Magnesium Powder	2 oz
Colloidal Silica	1 oz
Fisher Chem Gamal	4 oz
Iodine Pentoxide	1/2 lb
Pluroxin E-231	1 pt
Sodium Chlorate	1 oz
Iodoform	2 oz
Fuller Seam Sealing	1 lb
Pluronic L-42 2 ea	6 oz
Pluronic P-85	6 oz
Sodium Nitrate 2 ea	1 lb
Methylene Chloroaniline	6 oz
Activated Alumina 2 ea	1 lb
Foster Heat Resistant Sealer	3 lb
Sauereisen #78	1 lb

Box #3

Vorite #63 2 ea	2 gal
Polycin #51 4 ea	4 gal
Hapex #1660 Hardner 2 ea	8 lbs
Divco Rosine Flux Remover	1 qt
Thiokol ZL496	1 gal
Hathane 1660 Foam	2 lb
Hexanetriol	2 lb
Sample No. 2827 S.P.D.	1 lb
Aluminum U.S.P. 3 ea	3 lb

BNA03134642

TO: Tom Carter
FROM: J. R. McCarthy
SUBJ: INVENTORY, MATERIAL FOR DISPOSAL

Box #4

Vanadium Acetylacetonate	4 ea	4 lb
Mineballac		1 qt
DDM Naugatuck Chem. Co		14 oz
Magnesium Metal		1 lb
Refractory Cement #20		5 lb
Mondur T.D.S. G-2411		1 pt
Vorite #63	2 ea	1 qt
QMB-3		2 oz
Acryloid B-67		1 lb
Cyanuric Chloride		1 lb
Aluminum Slivers		1 lb
Silica Powder Fine		5 lb

J. R. McCarthy
Manager
Propulsion Operations
Advanced Programs

JRMcC:rh

BNA03134643

9 June 1971

T. Carter
D/565 - SS11

A. L. DiSopio
D/052 - SS12

5520

MATERIALS FOR DISPOSAL
D/052 DISPOSAL AREA, AREA I - SSTL

Material	Quantity		RECEIVED FROM
DIOXANE	3 GAL	589-199	
Ethylene Oxide	1 cylinder	589-195	
EH-CAL-3	1 cylinder	589-5PA	
Lybaline A & RP1	1 cylinder	589-5PA	
DETA (Diethylene Triamine)	3 drums	589-5PA	
HL-40 (Hydrocarbons)	6 - 5 gal. containers	589	
Methyl-Borate Methanol	5 gal. container	589-199	
Tri - O - Cresyl Borate	10 lbs. - 1 container	589-199	
Hydrocarbons	30 drums	589-598	
Hydrazine & Admixtures Samples	24 bottles	589-199	
Mercury	1 bottle (can)	589-199	
Mercuric Oxide	1 bottle (can)	" "	
Ethylene Diamine	1 bottle (qt.)	" "	
Benzine	2 cans	" "	
Phosphorous Oxychloride	4 containers	" "	
Sodium Arsenite	1 bottle (1 qt.)	" "	
Titanium Tetrachloride	1 bottle (1 pt.)	" "	
Titanium Trichloride	1 bottle (1 qt.)	" "	
Potassium Cyanide	1 bottle (1 pt.)	" "	
Hydrazine - Admixtures and Laboratory Chemicals	Various containers in 6 small drums		589-199
Hydrazine & Admixtures	13 drums	589-5PA	
~~Fuel Wool~~	~~1 plastic bag~~		
Liquid Ammonia	10 gal. (1 container)	589	
DMA	1 drum	589-5PA	
Stannic Chloride	2 cartons	589-199	
Lab. Lab Chemicals	2 boxes	589-199	
Aluminum Chloride	2 - 5 gal. size containers	589-199	
Fuze containing hardware	12 each (4 cylinders)	589-199	
Unknown Substances	2 drums	589	
Xylene	10 gal. container	589-199	
Phosphorous	1 unit (in cabinet)	589-199	
Sodium Phosphate	3 small bottles (in cabinet)	589-199	
Sodium Nitrate	11 small bottles (in cabinet)	589-199	
Boron Amorphous	1 cardboard type drum	589-198	
Electrolytic Solution	4 drums	Cage 17 A	
Toluene	6 drums	589-198	
Lab and Bomb Igniters	94 each	589-198 - 588	
Pyrotechnics - Misc. types	Cabinet	588-588	
Explosives - A & B	Cabinet	589-198	
Blasting Caps	Cabinet		589-199
BOTTLES - 802 HYDRAZINE	70 EA		589-199
MISC. PHENOLS			589-199

A. L. DiSopio
Fire Prevention Specialist
Protective Services - SSTL

ALD:fs

BNA03134638

9 June 1971

T. Carter
D/565 - SS11

A. L. DiSepio
D/052 - SS12

5520

MATERIALS FOR DISPOSAL
D/052 DISPOSAL AREA. AREA I - SSFL

Material	Quantity
Ethylene Oxide	1 cylinder
HI-CAL-3	1 cylinder
Hybaline A & RP1	1 cylinder
DETA (Diethylene Triamine)	3 drums
RB-40 (Hydrocarbons)	6 - 5 gal. containers
Methyl-Borate Methanol	5 gal. container
Tri - O - Cresyl Borate	10 lbs. - 1 container
Hydrocarbons	30 drums
Hydrazine & Admixtures Samples	24 bottles
Mercury	1 bottle (can)
Mercuric Oxide	1 bottle (can)
Ethylene Diamine	1 bottle (qt.)
Bromine	2 cans
Phosphorous Oxychloride	4 containers
Sodium Arsenite	1 bottle (1 qt.)
Titanium Tetrachloride	1 bottle (1 pt.)
Titanium Trichloride	1 bottle (1 qt.)
Potassium Cyanide	1 bottle (1 pt.)
Hydrazine - Admixtures and Laboratory Chemicals	Various containers in 6 small drums
Hydrazine & Admixtures	13 drums
Quartz Wool	1 plastic bag
Aqua Ammonia	10 gal. (1 container)
INPRA	1 drum
Cupric Chloride	2 cartons
Misc. lab Chemicals	2 boxes
Aluminum Chloride	2 - 5 gal. size containers
NEO containing hardware	12 each (4 cylinders)
Unknown Substances	2 drums
Xylene	10 gal. container
Phosphorous	1 unit (in cabinet)
Sodium Phosphate	3 small bottles (in cabinet)
Sodium Nitrate	11 small bottles (in cabinet)
Boron Amorphous	1 cardboard type drum
Electrolytic Solution	4 drums
Hexane	6 drums
Tes and Teub Igniters	94 each
Pyrotechnics - Misc. types	Cabinet
Explosives - A & B	Cabinet
Blasting Caps	Cabinet

A. L. DiSepio
A. L. DiSepio
Fire Protection Engineer
Fire Protection Section

BNA03134639

Internal Letter

North American Rockwell

Date	15 March 1972	No.	PO-72-27
TO	Capt. J. H. Ecroyd	FROM	J. R. McCarthy
Address	D/052, SS12	Address	D/589-195, SS11
		Phone	5087

Subject: EXPLOSIVES AND CHEMICALS, DESTRUCTION OF

D/351
H Weiss
J Thompson

D/552
→ A DiSepio

The following is a list of explosives and dangerous chemicals which need to be burned in order to be destroyed:

3 pounds	Flare Mix
1 ea	Small Green Smoke Pellet
1 pound	HTU NF Compound
1 pound	TAMA
1 pound	Zirconium Nitrocellulose
1 pound	RDX - Nitrocellulose
1 pound	HMX - Nitrocellulose
1 pound	PPNF - Nitrocellulose
5 pounds	DPA-HPE-NFPA
60 pounds	N.C.
1 pound	Nitrostarch
8 pounds	Nitrocellulose
84 pounds	

J. R. McCarthy
Manager
Propulsion Operations
Advanced Programs

JRMcC:rh

ROCKETDYNE
PROTECTIVE SERVICES
OFFICE

MAR 17 1972

BNA03134619

MATERIALS FOR DISPOSAL
382 - Disposal Area - Area I 5-4-72

MAIN OFFICE SHACK

1 Pallet - 3 drums - Hydrofluoric and Nitric Acids - Neutilized.

1 Pallet - 4 drums - Storable Oxidant Neutilizer Concentrate.

1 Pallet - 1 drum - Contaminated oil.

1 Pallet - 1 5 gal. can Phenoline Thinner, 1 gal Cutting oil.

1 Pallet - 2 drums - Waste Paint Thinner.

1 Pallet - 1 drum marked EMT - Alcohol contaminated with Hydrazine

1 Pallet - 1 drum - Contaminated Oil and RPI (Sodium Hydroxide)

4 Pallets - 10 drums - Waste Oils.

3 Cartons - Hydrazine Samples - 148 Total.

1 Pallet - 3 drums - marked EMT - Alcohol contaminated with Hydrazine

1 Pallet - 1 Carton - Photo Chemicals - 56 Total.

1 Pallet - 6 - 1 qt. jars 402 chemical. 1 pint TEC-710W. 2 - 1 pint cans chemicals.

1 Pallet - 1 drum - Alcohol contaminated with Hydrazine.
1 PALLET - 2 DRUMS - WASTE OILS.

DEMONSTRATION AREA

1 Box - Conax Valve - Class C - 66 ea. (Cabinet)

3 Boxes - Igniters - Class C - Total 45 (Cabinet)

1 Box - Protoype Cartridges - Class C - 36 Total (Cabinet)

4 Boxes Conax Valves - Class C - 342 Total (Cabinet)

1 Carton - Pyrophorics - Flammable - 6 Total (Red Cabinet)

BNA03134562

MATERIALS FOR DISPOSAL
052 - Disposal Area - Area I 8-4-72

NEAR OFFICE SHACK

1 Pallet - 3 drums - Hydrofluoric and Nitric Acids - Neutilized.

1 Pallet - 4 drums - Storable Oxidant Neutilizer Concentrate.

1 Pallet - 1 drum - Contaminated oil.

1 Pallet - 1 5 gal. can Phenoline Thinner. 1 gal Cutting oil.

1 Pallet - 2 drums - Waste Paint Thinner.

1 Pallet - 1 drum marked EMT - Alcohol contaminated with Hydrazine

1 Pallet - 1 drum - Contaminated Oil and RPI (Sodium Hydroxide)

4 Pallets - 10 drums - Waste Oils.

3 Cartons - Hydrazine Samples - 148 Total.

1 Pallet - 2 drums - marked EMT - Alcohol contaminated with Hydrazine

1 Pallet - 1 Carton - Photo Chemicals - 56 Total.

1 Pallet - 6 - 1 qt. jars 402 chemical. 1 pint TEC-710W. 2 - 1 pint cans chemicals.

1 Pallet - 1 drum - Alcohol contaminated with Hydrazine.

DEMONSTRATION AREA

1 Box - Conax Valve - Class C - 66 ea. (Cabinet)

3 Boxes - Igniters - Class C - Total 45 (Cabinet)

1 Box - Protoype Cartridges - Class C - 36 Total (Cabinet)

4 Boxes Conax Valves - Class C - 352 Total (Cabinet)

1 Carton - Pyrophorics - Flammable - 8 Total (Red Cabinet)

BNA03134563

Date 8 August 1972

No. PO-72-102

TO Tom Carter
Address D/564, SS11

FROM J. R. McCarthy
Address D/589-195, SS11

Phone 5087

D/589
N Fujikawa
G Artz
H Griggs
C Vorbach
W Kennedy
R Bright

D/ 552
A DiSepio

Subject VENDOR REMOVAL OF WASTE MATERIALS

The following list illustrates the waste material that we have on hand that we do not feel we can put in the trash, etc., but must instead be carried away as a potentially dangerous material for proper disposal. The list is an accumulation from a number of sources, so I am not clear on how to spread the costs as of this time. However, as a first step I think we should get a vendor quote on the removal.

Quantity	Description	
	Violet Dye Mix	
700 lbs	1,4 Diamino 2,3-Dihydroanthraquinone	80%
	1 Metayl Amino Antraquinone	20%
500 lbs	Green Smoke Mix	
	1,4 Di-P-Toluidinoantraquinone	67%
	Benzanthrone (7-h-Benz(d,e)Anthracene 7-one,	23%
	Dibenzo (a,b) Pyrene 7,14 Dione	10%
400 lbs	Hexachloroethane	
200 lbs	Sulphur	
100 lbs	Silicon	
150 lbs	Zinc Oxide	
300 lbs	Calcium Chloride	
250 lbs	Laminac Polyester Resin (partially cured)	
1 tank	Beryllium Contaminated Waste in Large Storage Tank Tank structure in pipe frame approx. dimensions 7 ft x 7 ft x 15 ft high Estimated Total Weight 1000 lbs Estimated Beryllium Waste Weight 500 lbs	
1	Old Be Scrubber from PEL	
2 drums	Be Waste (one 55-gal, one 25-gal)	

BNA03134559

MATERIALS FOR DISPOSAL - D/052 - Disposal Area, Area 1

Near Office Shack

1 Pallet - 3 drums - Hydrofluoric and Nitric Acids - Neutralized.

1 Pallet - 4 drums - Storable Oxidant Neutralizer Concentrate

1 Pallet - 1 drum - Contaminated Oil

1 Pallet - 1 5-gal can Phenoline Thinner, 1-gal Cutting Oil

1 Pallet - 2 drums - Waste Paint Thinner

1 Pallet - 1 drum marked EMP - Alcohol contaminated with Hydrazine (Contents in question)

1 Pallet - 1 drum - Contaminated Oil and RPI (Sodium Hydroxide)

4 Pallets - 10 drums - Waste Oils

3 Cartons - Hydrazine Samples - 148 Total (Probably Norma's)

1 Pallet - 2 drums - marked EMT - Alcohol contaminated with Hydrazine (Contents in question)

1 Pallet - 1 Carton - Photo Chemicals - 56 Total

1 Pallet - 6 - 1 qt. jars 402 chemical 1 pint TEC-710W 2 - 1-pint cans chemicals.

1 Pallet - 1 drum - Alcohol contaminated with Hydrazine.

Demonstration Area

1 Box - Conax Valve - Class C - 66 ea. (Cabinet)

3 Boxes - Igniters - Class C - Total 45 (Cabinet)

1 Box - Prototype Cartridges - Class C - 36 Total (Cabinet)

4 Boxes - Conax Valves - Class C - 352 Total (Cabinet)

1 Carton - Pyrophorics - Flammable - 8 Total (Red Cabinet)

Waste Oil CHTL - 1 Pallet of 2 Drums

J. R. McCarthy
Manager
Propulsion Operations
Advanced Programs

JRMcC:rh

BNA03134560

Internal Letter

North American Rockwell

Date . 7 November 1972

No .

TO . Those Listed

Address .

FROM . J. T. Carter

Address . D/565 SS11

Phone . 5285

Subject . Disposal of Wastes

A list of chemical, fuel, oxidizer, oil, explosive type and miscellaneous wastes is being compiled for the purpose of obtaining a bid for disposal by an outside firm. Should your Groups have any wastes to dispose of, please submit a list to the undersigned for inclusion in the bid package by 27 November 1972.

As in the past, certain ground rules shall be followed in order to have the wastes disposed of. These are as follows:

1. All wastes shall be packaged or contained.

2. All wastes shall be identified by name and approximate weight or quantity.

3. Where required, fork lift support shall be supplied to the disposal firm.

4. The disposal price will be apportioned among the contributing departments.

Due to Ventura County APCD regulations, the future disposal of wastes on SSFL premises will, for all practical purposes, be non-existent. It is therefore recommended that all future proposals utilizing materials that will result in wastes requiring disposal contain funds for the disposal by outside firms.

The upcoming bid will be used for determining current disposal prices. Until that time, the following prices may be utilized for proposals:

3/4 Ton Truck Load - $250.00
2 Ton Truck Load - $400.00

Note that the minimum charge is $250.00, assuming the load can be carried in a 3/4 Ton Truck.

J. T. Carter
Industrial Engineering

DISTRIBUTION:

J. G. Byrne	D/564	EB07
A. L. DiSepio	D/052	SS12
S. Fischler	D/598-346	SS11
F. C. Gunderloy Jr.	D/589-199	SS11
J. C. [illegible]	D/598-346	SS11
M. H. Johns	D/031	SS12
R. J. Lodge	D/598-340	SS11
J. R. McCarthy	D/589-195	SS11
J. C. Pulte	D/598-346	SS11

BNA03134564

[illegible]

[illegible] 12 March 1973

TO T. W. Williams
[illegible] D/553 CA08

FROM J. T. Carter
Address D/565 SS11

Phone 5285

[illegible] Disposal of Miscellaneous Chemicals, SSFL

Reference: 730-40218

Please add the following items to the List of Items for Disposal attached to the referenced 730:

Add to Group A

5 Drums - White Oil
1 Drums - Waste Oil
4 Drums - Hydraulic Oil

Add to Group B

2 Drums - IMT - Alcohol contaminated with Hydrazine

Add to Group C

4 Drums - Waste oil

Add to Group D

9 Drums - Resin
1 Drum - Methalene Chloride
4 Drums - Waste oil

Add Group H

4 Drums - 2302 Pemchem

Add Group J

2 Aluminum Drums - Contaminated IMM

------ The above items are located in the D/052 Disposal Area ------

Add Group K ----- Located at the Engineering Chemistry Lab, B/270 -----

20 Drums - Calcium Sulfate and Silica Gel saturated with Methilene Chloride and Fluorodinitral Ethanol

J. T. Carter
Industrial Engineering

BNA03134561

Internal Letter

North American Rockwell

Date: May 4, 1973

No:

TO: John Byrne
Address: D/564, EB07, 55

FROM: S. C. Roderick
Address: D/014, CA26, 55

Phone: 2174

Subject: Disposal of Inactive Explosives

Reference: I.L. dated 5/4, same subject

The inactive explosives being transferred from Bldg. 396 to the Industrial Security hold area, as indicated in the above referenced I.L., should be disposed of according to procedure.

The account charge number is 98444.

S. C. Roderick
Manager
Warehousing & Transportation

SCR:dp

cc:	R. Lodge	D/598-340,	SS11
	J. Wilson	D/598-341,	SS11
	J. Thompson	D/551,	SS11
	A. DiSepio	D/052,	SS12
	T. Carter,	D/564,	SS11
	W. Malmberg	D/060,	CA02
	R. Odom	D/553,	CA08

ROCKETDYNE
PROTECTIVE SERVICES
OFFICE
MAY 8 1973

BNA03134557

Internal Letter

North American Rockwell

Date May 4, 1973

No

TO E. Johnson
Address D/598-340, SS11, 55

FROM S. C. Roderick
Address D/014, CA26, 55

Phone 2174

Subject Disposal of Inactive Storage Explosives

The following listed inactive explosives located in Bldg. 396 is not required by any program and should be transferred to the Ind. Security hold area where arrangements are being made for disposal.

QUANTITY	DESCRIPTION	PART NUMBER
22	Cartridge	NA5-28124
2	Cartridge	NA5-28145T1
4	Cartridge	NA5-28088-1
164	Trigger Ass'y.	ST2840002 RES007
61	Trigger Ass'y.	1617-170-01
79	Trigger Ass'y.	ST2840002 RES005
12	Valve Ass'y.	NA5-260180-1D
15 *	Squib Valve	19-403211, P/N 1943
	* 3 Pcs. located explosive disposal area	
22	Squib	19-403189
20	Squib	101513
17	Igniter	ST4530001 RE001
203	Initiator	R5950
1	Initiator	NA5-26528-3
10	Detonating Primers 2 Gr. Long	8258-470640-3

S. C. Roderick
Manager
Warehousing & Transportation

SCR:dp

cc: R. Lodge D/598-340, SS11
J. Wilson D/598-340, SS11
J. Thompson D/551, SS11
A. DiSepio D/052, SS12
T. Carter, D/564, SS11
J. Byrne, D/564, EB07
W. Malmberg D/060, CA02
R. Odom D/553, CA08

ROCKETDYNE
PROTECTIVE SERVICES
OFFICE
MAY 7 1973

BNA03134558

A. DiSepio

Date: September 16, 1980

TO:
R. D. Schmued
Rocketdyne-Santa Susana
055, 541-SS12

FROM:
C. E. Winzer
Rocketdyne-Santa Susana
055, 031-SS12
Ext. 5626

Subject: Disposal of Identified Waste Fuels, Lubricants and Cleaning Fluids

Various dirty fuels, used lubricants, and cleaning solutions, stored in fifty-five (55) gallon drums at the Area I Burn Pit have been identified for disposal.

Following is a tabulation of these liquids.

MATERIAL	# OF DRUMS	USED FOR
Hydraulic Oil	9	Pressure Systems
Lube Oil - Light	153	Vacuum Pumps
Lube Oil - Heavy	9	Automotive
JP-4	11	Fuel Oil
RP-1	8	Fuel Oil
Acetone	1	Cleaning
Trichlorethylene	4	Cleaning
Paint Thinner	10	Cleaning
Isopropyl Alcohol	3	Cleaning

Please provide the appropriate designation for disposal and/or salvage.

C. E. Winzer D/031
Liquid Waste Coordinator
Plant Services, SSFL

CEW:ja

cc: K. H. Johns 031 055 SS12
F. A. Will 598 055 SS12

Form 131 R Rev 3-76

BNA03134556

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. Clark, Chairman, Management Safety Committee	DEPARTMENT	Dept. 571 Canoga, Zone 2
FROM	D. J. Jolicoeur	DEPARTMENT	Dept. 596-162 SS, Zone 12
PHONE	5654	DATE	26 June 1961

SUBJECT Activities Summary - Hazards Review Committee

The sixth meeting of the subject committee convened on Wednesday, 7 June 1961 at 8:30 A.M. in the PFL Manager's Conference Room. All members were present:

R. C. Ahlert	Research - Propellant Engineering
M. C. Blum	Research - Liquid Propulsion Section
J. F. Dain	Engineering Material Services
J. B. Ficklen, III	General Offices Consultant
R. B. Gordon	Industrial Hygiene and Safety
D. J. Hatz	Engineering Test
E. T. Higgins	Industrial Hygiene and Safety
D. J. Jolicoeur	Engineering Test
R. J. Madden	Industrial Security
E. R. Mease	Facilities Engineering
S. A. Miller	Industrial Engineering
B. H. Minnich	Research - Solid Propellants
C. E. Schoettlin, M.D.	Administrator, Health and Safety
H. Weiss	Meteorologist

Guests Present:

J. Blanchard	Engineering Development Laboratory
E. Cain	Research - Analytical Chemistry
G. M. Cianko	Industrial Hygiene and Safety
W. Holms	Engineering Development Laboratory
R. Kraatz	Industrial Engineering

The first item on the agenda was a review by Dr. Schoettlin of safety problems in the Research Solid Propellant (NAKA) Area. S. A. Miller indicated to the committee that job orders for seven items for improvement, as indicated by letters from the Safety Department and the Solid Propellant Group, had received Divisional funding approval and that completion dates had been assigned.

D. J. Jolicoeur commented that while these corrective job orders were necessary, the safety problems associated with the congested facilities in the hazardous testing areas of Research will still be with us. The contemplated relocation of the hazardous work to a remote facility in about 3 years was discussed.

FORM R 6-X-5 REV. 1-57

BNA00922318

In the discussion that followed, M. C. Blum commented on another safety problem, that of the difficulty encountered by the PFL D/564 group in obtaining funding approval for necessary safety facilities and equipment for many Research operations. B. H. Minnich pointed out that in his area the majority of the projects carried out were funded by Study Authorizations which seldom carried any funds which could be used for safety items, and as a consequence the work had to be done with existing facilities and equipment with certain calculated risks involved.

To insure that established limitations of explosive materials and propellants are not inadvertently exceeded in NAKA areas, B. H. Minnich was requested to look into establishing a solid propellant inventory system.

The next items discussed were the hydrogen safety procedures. D. J. Hatz, who is chairman of an HRC ad hoc subcommittee to incorporate existing information on Hydrogen Use Procedure for all of Rocketdyne, passed out drafts of the "Hydrogen Propellant Handling Manual" for review by HRC members.

E. R. Mease introduced B. Latch of Dept. 583 who is chairman of the Electrical Subcommittee working to develop a hydrogen Electrical Code. It was felt the Hydrogen Electrical Code should remain separate from the Handling Manual since it was primarily for design criteria purposes. Mr. Latch stated the subcommittee had determined that for open test stands, where the possibility for trapping hydrogen has been eliminated, that explosion proof electrical items would be required only below the 5 foot level. Above the 5 foot level no special electrical items would be necessary.

R. J. Madden and other members brought forth several exceptions to the conclusions reached by the Electrical Subcommittee. After some discussion on the matter, the HRC Chairman requested that E. R. Mease reconvene the Electrical Subcommittee to resolve the issues raised before the next HRC meeting.

In view of HR's efforts toward promulgating a hydrogen handling manual suitable for all of Rocketdyne (California), several representatives from the Development Laboratory were invited to brief the HRC on the new Liquid Hydrogen facility under construction at the Vanowen facility. The pertinent facts from this discussion is as follows: The cryogenics laboratory was built to provide a corporate-wide capability in hydrogen studies. The laboratory building has 600 square feet of area. A maximum of 50 liters of LH_2 in portable transportable dewars will be in the laboratory at any one time. The maximum amount of LH_2 to be out of storage at any one time will be 9 liters, which will be in cryostats. Hydrogen vapors will be vented to a 30 foot high exhaust stack. The ventilation system will provide an air change every 2 minutes. A hydrogen detector placed in the exhaust will automatically step up the recirculating rate to 1 change per minute in the event that hydrogen vapors are detected in the exhaust. The control room is provided with positive pressure to keep hydrogen out. The flooring is conductive, bonded to static drain off rods, and to an encircling bus bar to which static grounds will be attached.

BNA00922319

It was the consensus of the HRC that the safety factors that were being built into the laboratory were excellent. It was also realized that many of these safety features were not indicated for PFL stand operations, therefore, a separate or modified hydrogen safety procedure would be in order for the Vanowen cryogenic laboratory.

The safety consideration with the Vanowen chemistry laboratories was the next item on the agenda. R. B. Gordon reported on the nearly completed chart being compiled by Mr. G. M. Cianko, Industrial Hygienist, which itemizes storage limitations and emergency measures to follow on the hazardous materials being used in the laboratories. Cianko also discussed the safety procedures for the Vanowen laboratory areas which are being developed collectively by the Research, Safety and Fire departments. These efforts were commended by HRC.

The toxic vapor ventilation situation at the Vanowen building was discussed by R. B. Gordon and E. F. Cain who have been investigating this matter for HRC. It was reported that while it would obviously be preferable to have positive trapping of toxic vapors exhaused out the chemistry laboratory hoods, which could conceivably reenter the rest of the Vanowen building via the fresh air intakes located on the roof of the building, the expense of such a system requires a closer examination of the actual potential hazard involved. It was explained that in about 95% of the operations conducted, one gram or less of toxic materials would be present in a hood. If this were accidently released out a vent stack, calculations indicate that harmless concentrations would be present on the roof of the building.

Occasionally larger quantities of toxic material are present in the hoods which, if an accident occurred, could release harmful concentrations of toxic vapors through exhaust stacks on the roof. To take care of this eventuality, R. B. Gordon explained the emergency plan which has been worked out by the Canoga Fire Department. In this plan, the Security Control Desk would be notified that a potentially hazardous operation was to be conducted in the chemistry laboratory by the Research Section. In the event of an accidental release of a potentially hazardous concentration of toxic vapors out the exhaust duct, Security personnel would turn off all intake fans in the building. The location of the turn-off switches have been marked on a plot of their location provided Security personnel. Practice exercises have demonstrated that all intake fans can be turned off in a matter of a few minutes. It is felt that this system will effectively reduce all possibility of having harmful vapors enter the Vanowen building.

The HRC expressed their approval of this common sense approach to the problem. R. B. Gordon assured the committee that the Safety and Fire Departments would maintain close surveillance on the ventilation system to insure that adequate precautions were being utilized and that the toxic vapors were being safely handled.

BNA00922320

In the Round Robin discussion, S. A. Miller stated that funding approval for the phase III of the Special Propellant Area build-up had been obtained. J. F. Dain commented that the injector feed system modification to the chemical disposal area was being installed which is designed to increase the safety of this operation.

The final item of the meeting was the appointment of R. B. Gordon to head up an ad hoc subcommittee consisting of M. C. Blum, J. B. Ficklen, and D. J. Hatz to investigate and establish health and safety criteria for the use of beryllium at Rocketdyne.

The meeting was adjourned at 11:10 A.M., with the next meeting scheduled for Wednesday, 5 July 1961.

R. B. Gordon
Secretary

D. Hatz for

D. J. Jolicoeur
Chairman

BNA00922321

1. Purpose

1.1 To establish the minimum safety requirements for the disposal of chemicals, propellants, explosives, and/or other hazardous materials at the Propellant Disposal Area.

2. Area Operating Procedures:

2.1 Prior to disposal of hazardous material, an operating procedure shall be prepared by the group performing the disposal operation.

2.1.1 Protective Services personnel ~~manually~~ normally will perform the disposal operation. Disposal of scrap explosives, pyrotechnic and solid propellant waste will be accomplished by Research personnel with Protective Services providing the necessary fire standby.

2.1.2 Protective clothing requirements recommended by the disposal group and concurred in by Industrial Hygiene & Safety shall be included in the operating procedure (Protective Services Operating Procedure or Research SSOP).

2.1.3 Operating procedures shall be readily available to personnel conducting the disposal operation.

3. Notification:

3.1 Permission shall be obtained from Operations Surveillance (Meteorology) prior to the disposal of all toxic materials at the Chemical Disposal Area.

4. Area Warning System:

4.1 The area warning system shall be used during the disposal of all hazardous material at Chemical Disposal Area. This will be accomplished by placing either a manned roadblock or raising the red flag before the start of the disposal operation.

5. Storage of Hazardous Materials:

5.1 All hazardous materials shall be stored in the area designated for that material.

5.1.1 Adequate distances shall be maintained between incompatible materials.

6. General Safety Requirements

6.1 Employees shall conduct themselves in a safe and orderly manner while at the Chemical Disposal Area.

BNA03134589

6.2 Only those employees required for a given disposal operation shall be present in the chemical disposal area.

6.2.1 A minimum of two employees shall be present for all disposal operations.

6.3 All tools and equipment used in the disposal activities shall be maintained in a safe condition and properly stored when not in use.

BNA03134590

TABLE OF CONTENTS

HAZARDOUS MATERIAL REPORTS 1

MEDICAL RECORDS 2

HAZARDOUS WASTE SITE 3

HAZARDOUS WASTE OPERATIONS 4

HAZARDOUS MATERIALS TRAINING 5

Ex. 34 - 5096

GURICAN 00001

AVERY™ Table n Tabs™ Plus Dividers

Ex. 34 - 5097

GURICAN
00002

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

Gurican for follow-up

TO	H. C. Galbraith	DEPARTMENT	596/5 - Sam: - Area I
FROM	F/E E. G. Addeo	DEPARTMENT	552 - SamSu - Area II
PHONE	485	DATE	3 November 1958
SUBJECT	FUEL TRACTORS AND TRAILERS; DEFECTIVE		

Inspection of fuel tractors and trailers listed below revealed the following defects:

RC-4-406 - Fuel Trailer:
1. Air pressure gauge in the pump compartment is broken.
2. The left hose reel chicsan connection leaks.

RC-4-413 - Fuel Trailer:
1. Several fuel leaks in plumbing.
2. Spark arrestor broken and coming apart.
3. #1 dome lid cannot lock closed.
4. Ground wire is not welded or bolted to frame.

RC-4-410 - Fuel Trailer:
1. Ground wire is not welded or bolted to frame.
2. #1 dome lid cannot lock closed.
3. #3 dome lid relief valve is stuck open.
4. Spark arrestor broken and coming apart.

RC-4-420 - Fuel Trailer:
1. #1 dome cannot lock closed.

RC-4-421 - Fuel Trailer:
1. Several fuel leaks in plumbing.
2. #3 dome lid cannot lock closed.
3. Ground wire not welded or bolted to frame.

RC-4-423 - Fuel Tractor:
1. Exhaust pipe separated from the muffler.
2. Windshield wiper missing - driver's side.

It was also noted that none of the tractors or trailers are equipped with wheel chocks. I suggest that these chocks be secured to the vehicle by means of a sturdy chain in order to prevent loss of the chocks

It is further recommended that wheel chocks be provided at all fuel, LOX and liquid Nitrogen storage sites for use by vendor operated trucks. It is recommended that these chocks be secured at a suitable location by means of a chain so that personnel cannot remove the chock from its fixed location.

Ex. 34 - 5098

GURICAN
00003

V. 1-57

To: R. C. Galbraith
From: F/E E. G. Addeo
Subject: Fuel Tractors and Trailers; Defective

- -

Your prompt attention to have the defects corrected and to procure an ample supply of wheel chocks will be appreciated.

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA/lgk
CC: R. Dirchoff, D/546, SanSu
E. T. Higgins, D/551, SanSu
G. W. Cook, D/564, SanSu
File:

Ex. 34 - 5099

To
F/E. Addeo

From
J.S. Gurican

Subject
Disposal of Hydrazine and UDMH.

The following is a list of Hydrazine and UDMH which was disposed of in Sept.

Date disposed of.	UDMH. Amt.	Hydrazine. Amt.	UDMH and Hydrazine Mix.
Sept. 4 1958	220 gal.	56 gal.	none
Sept. 17 1958	275 gal.	1 gal.	none
Total Amt disposed of to date.	495 gal.	57 gal.	
Total Amt. of UDMH and Hydrazine disposed of		552 gallons	

The following is a list of Amt of Hydrazine and UDMH presently at Disposal Pit, Sept. 22.

UDMH	Hydrazine	UDMH and Hydrazine Mix.
301 gal.	919 gal	850 gal.

Total amt. of UDMH and Hydrazine 2070 gallons.

Total Amt of Peroxide required to nuteralize remaining Hydrazine and UDMH 5175 gallons.

J.S. Gurican

Ex. 34 - 5100

GURICAN
00005

MONTHLY REPORT CONT.

DRUM REMOVAL:

J.S.Gurican	4 hours	
E.I. Webb	4 hours	
	8 hours	TOTAL TIME 8 hours.

MATERIAL ON HAND AWAITING DISPOSAL:
NONE.

J.S. Gurican

Ex. 34 - 5101

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	F/E. E.G. Addeo	DEPARTMENT	552 - SanSu - AreaII
FROM	J.S. Gurican	DEPARTMENT	552 - San Su -Area II
PHONE	485	DATE	October 30, 1959

SUBJECT MONTHLY REPORT -October, 1959; 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.

Chemicals and/or fuels Disposed of.	Amounts.	From which Test Area.	Disposal authorized By.
Lube Oil	330 Gal.	Delta Area	Bud Nelson 595 - 5
Hydrolic Oil	285 Gal.	Unknown	Bud Nelson 596 - 5
Penteborane and RP1	495 Gal.	Chem. Lab. A	Bud Nelson 596 - 5
Penteborane and Acetone	55 Gal.	Chem Lab. A	Bud Nelson 596 - 5
TEA and RP1	55 Gal.	Tunnel Area	Bud Nelson 596 - 5
Sodium	50 lbs.	Hot Fuel Lab.	Bud Nelson 596 - 5
Lab. Chemicals	100 lbs.	Chem Lab. A	Bud Nelson 596 - 5

Grand Total Gallons Burned - 1220 Gallons
Grand Total Chemicals Burned 150 lbs.

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

Time Consumed;

Inspections.	F/E E.G. Addeo	2 hrs.		
	J.S. Gurican	6 hrs.		
		8 hrs.	Total Time	8 hrs.
Burning;	J.S. Gurican	9 hrs.		
	R.E. Smith	9 hrs.		
		18 hrs.	Total Time	18 hrs.
Drum Removal;	J.S. Gurican	2 hrs.		
	D.J. Moore	2 hrs.		
	L. Bershoof	2 hrs.		
		6 hrs.	Total Time	6 hrs.

Material on hand awauting Disposal;

NONE.

Ex. 34 - 5102

J.S. Gurican

FORM R 6-R-7 REV. 1-57

GURICAN 00007

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Capt. R.W. Madden	DEPARTMENT	552- SanSu - Area II
FROM	F/E E.G. Addeo	DEPARTMENT	552 -SanSu - AreaII
PHONE	520	DATE	6 October, 1959

SUBJECT MONTHLY REPORT - September,1959; Chemical DISPOSAL - ACTIVITIES AT PITS, INSPECTIONS BURNING, CONVOKING, ECT.

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

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS.	FROM WHICH TEST AREA.	DISPOSAL AUTHORIZED BY.
x Hydrazine	660 Gal.	SPA	Bud Nelson 596-5
Hydrazine and Water	165 Gal.	SPA	"
Pentaborane & RP1	165 Gal.	Chem. Lab. A	"
x Benzol	165 Gal.	Drum Pad	"
x Iso-Octane	275 Gal.	Drum Pad	"
x Phillips Soltrol 150	275 Gal.	Drum Pad	"
x Phillips Soltrol 170	110 Gal.	Drum Pad	"
x Shell Dispersol	55 Gal.	Drum PAd	"
x Enjay Dicyclopentadine	440 Gal.	Drum Pad	"
x Union Thinner	275 Gal.	Drum Pad	"
x Shell Lacquer Dilnent	440 Gal.	Drum Pad	"
x Aromatic Naptha	330 Gal.	Drum Pad	"
Fuel Oil	110 Gal	CTI#3	"
x Acetone	55 Gal.	Instr, Lab.	"
x Lube Oil	175 Gal.	Delta	"
Kelite	175 Gal.	Dept.546	"
x T.E.A. (Cylinder)	150 lbs.	SPA	"
x Gas mixtures (Cylinders)	22 Cylinders	Chem.B	"
x CO2	50 lb Cylinder	"	"
Unidentified Cylinder	150 lb. Cylinder	Area Unknown	"

Grand Total Gallons Burned ———— 3870 Gallons
Grand Total lbs. TEA Burned ———— 150 lbs.
Grand Total Cylinders bled off.———— 23 Cylinders

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

TEA cylinder mudz was contaninated with RP1. 22 cylinders of gas mixtures were not of any futher use and were only partially filled.

Ex. 34 - 5103

GURICAN
00008

FORM A 6-R-7 REV. 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. J. Hamlen	DEPARTMENT	532 - SanSu
FROM	E. G. Addeo	DEPARTMENT	532 - SanSu
PHONE	520	DATE	2 November 1959

SUBJECT MONTHLY REPORT - OCTOBER, 1959; 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Lube Oil (Contaminated)	330 Gal.	Delta Area	Bud Nelson 596-5
Hydrolic Oil (Contaminated)	285 Gal.	Unknown	Bud Nelson 596-5
Penteborane and RP-1	495 Gal.	Chem. Lab. A	Bud Nelson 596-5
Penteborane and Acetone	55 Gal.	Chem. Lab. A	Bud Nelson 596-5
TEA and RP-1	55 Gal.	Tunnel Area	Bud Nelson 596-5
Sodium (waste)	150 Lbs.	Hot Fuel Lab.	Bud Nelson 596-5
Lab. Chemicals (misc.)	100 Lbs.	Chem. Lab. A	Bud Nelson 596-5

Grand Total Gallons Burned - 1220 Gallons
Grand Total Chemical Burned - 150 Lbs.

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

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	2 hours	
	J. S. Gurican	6 hours	
	TOTAL	8 hours	TOTAL TIME - 8 hours
Burning:	J. S. Gurican	9 hours	
	R. F. Smith	9 hours	
	TOTAL	18 hours	TOTAL TIME - 18 hours
Drum Removal:	J. S. Gurican	2 hours	
	D. J. Moore	2 hours	
	L. Benshoof	2 hours	
	TOTAL	6 hours	TOTAL TIME - 6 hours

MATERIAL ON HAND AWAITING DISPOSAL:

NONE

Ex. 34 - 5104

E. G. Addeo

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

GURICAN
00009

EGA:mdh

FORM R 6-R 7 REV 1-57

cc: J. S. Gurican

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO R. J. Madden DEPARTMENT 552 - SanSu

FROM E. G. Addeo DEPARTMENT 552 - SanSu

PHONE 520 DATE 3 December 1959

SUBJECT MONTHLY REPORT - NOVEMBER, 1959; 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Penteborane and RP-1	550 Gal.	Chem. Lab. "A"	F. A. Nelson 596-5
JP5 (Contaminated	110 Gal.	Drum Pad	F. A. Nelson 596-5
Sodium Chromate	55 Gal.	E. L. Lab.	F. A. Nelson 596-5
Lube Oil (Contaminated)	110 Gal.	Delta	F. A. Nelson 596-5
Fuel Samples	25 Gal.	Chem. Lab. "B"	F. A. Nelson 596-5
TEA Samples	1 Gal.	Chem. Lab. "B"	F. A. Nelson 596-5

Grand Total Gallons Burned - 851 Gallons

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	2 hours	
	J. S. Gurican	4 hours	
	E. I. Webb	4 hours	
	TOTAL	10 hours	TOTAL TIME - 10 hours
Burning:	J. S. Gurican	4 hours	
	E. I. Webb	4 hours	
	TOTAL	8 hours	TOTAL TIME - 8 hours
Drum Removal	D. J. Moore	2 hours	
	John Carr	2 hours	
	TOTAL	4 hours	TOTAL TIME - 4 hours

MATERIAL ON HAND AWAITING DISPOSAL:

Ex. 34 - 5105

NONE

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA:mdh
cc: J. S. Gurican
File

FORM R 6-R-7 REV 1-57

GURICAN
00010

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO R.J. Madden DEPARTMENT

FROM E.G. Addeo DEPARTMENT

PHONE 520 DATE

SUBJECT Monthly Report

Time Consumed.

Inspections:	F/E Addeo	4 hrs		
	J.S. Gurican	~~10hrs~~ 6 hrs		
	R.E. Smith	10 hrs.	TOTAL TIME	= 20 hrs
Burning	F/E Addeo	4 Hrs		
	J.S. Gurivan	18 hrs.	TOTAL TIME	= 39½ hrs
	R.E. Smith	17½ hrs		
Drum Removal	J.S. Gurican	3 hrs	TOTAL TIME	= 6 hrs.
	R.E. Smith	3 hrs		

GRAND TOTAL TIME = 65½ hrs.

Material on hand awaiting disposal;

NONE.

F/E E.G. Addeo

Ex. 34 - 5106

GURICAN
00011

FORM R 6-R-7 REV 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	A.W.Miller	DEPARTMENT	552 PFL
FROM	E.G.Addeo	DEPARTMENT	552 PFL
PHONE	520	DATE	March 3, 1959

SUBJECT Chemical Disposal Pits.
Time Consumed, Materials Disposed of, Inspection, Conveying, Burning etc.

MONTH OF FEBRUARY, 1959.

The following is a resume of time consumed during various activities at the burn pits.

Type of Chemicals	Number of gallons or cylinders	Test Area from	Disposal authorized by	
Fluorine	5 cylinders (6 lb)	Lower Research	Bud Nelson	596-5
Hydrazine	275 gallons	Unknown	L. Weber	596-60
Fuel mixtures	110 gallons	unknown	L. Weber	596-60
TOTALS:	385 gallons 5 cylinders			

TOTAL TIME CONSUMED, VARIOUS ACTIVITIES: 35 hours.

TOTAL AMOUNT OF MATERIAL ON HAND AWAITING DISPOSAL:

14 drums of Hydrazine
3 drums of UDMH
2 drums of misc. mixtures

E.G.Addeo,
Fire Engineer
Inspections.

cc: File

Ex. 34 - 5107

GURICAN
00012

FORM R 6 R 7 REV 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO E.G Addeo DEPARTMENT

FROM J.S. Gurican DEPARTMENT

PHONE DATE March 3, 1959

SUBJECT Disposal area, time spent, materials disposed of, materials on hand.

The following is a accounting of time spent and the material disposed of at the chemical disposal pit, during the month of February.

Type of Chemicals	Number of gallons	Test area from	Authorized for disposal by.
Fluorine.	5 cylinders	Fluorine dock.	Bud Nelson 596-5
Hydrazine.	275	unknown	L. Weber.
Fuel mixtures.	110	unknown	L. Weber.

Total number of Gallons 385

Total time spent in disposal work 2 men 8 hrs each. total 16 hrs.

Total time spent on escorting, inspecting, clean up ect.

Total amount of material on hand awaiting disposal.
14 drums Hydrazine
3 drums UDMH
2 drums fuel mixtures.

This material authorized for disposal by Mr. L. Weber.

J.S. Gurican

Ex. 34 - 5108

FORM R 6-R REV. 1-57

GURICAN
00013

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO E.G. Addeo DEPARTMENT 552

FROM J.S. Gurican DEPARTMENT 552

PHONE 485 DATE March 31, 1959

SUBJECT Chemical Disposal Pits.
Time consumed, Material disposed of, Inspections, Conveying, Burning ect.

Month of March, 1959.

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

Type of Chemicals. Or fuels.	Number of gallons. Or cylinders.	Test Area. From.	Disposal Authorised by.	
Acetone	165	Unknown	Sautter, R.D.	549
Hydrazine	1705	(See remarks)	L. Weber	596-60
UDMH	990	Unknown	L.Weber	596-60
RP1 & Water Mix.	550	Unknown	E,G. Addeo	552
Sodium Chromate	110	E.L.Area	R.D. Sautter	549
Paint Thinner	110	Dept. 546	R.D. Sautter	549
Inbe Oil	165	Unknown	R.D. Sautter	549
Linseed Oil	55	Dept. 546	R.D. Sautter	549
Nitric Acid Sol.	110	EL Area	R.D. Sautter	549
Toluene Discoyante	55	Naka	T.L. Fuller	596-95
Unidentified Material	275	Unknown	E.G. Addeo	552
Lab Chemicals, mixtures.	6 palets	Lab, A&B	Akerman, & Sutton	
Turco Acid	55	Unknown	E.G. Addeo	552
Alcohol	55	Research	W. Colwell	596-94
JP Fuel & Water	55	Unknown	E.G. Addeo	552
Trichlor	This drum dumped by the writer by mistake.			
UDMH & Water	55	Unknown	L.Weber	596-60
Hydrazine and Water	385	L. Research	W. Colwell	596-94
Chromic Acid sol.	550	EL Area	R.D. Sautter	549

Total Time Consumed Various Activities.

J.S. Gurican	25½ hrs.
R.D. Day	12 hrs.
J.R. Carr	8 hrs.
D.J. Moore	10 hrs.
Total Time Consumed.	55½ hrs.

Material on hand awaiting disposal.
30 UDMH drums (empty)
3 drums Alcohol
7 sodium chromate
1 lithium chloride
1 Flushing oil

REMARKS:
Hydrazine mentioned above is from Bravo, Delta, Lower Research, Bowl and Chem. Lab.

Ex. 34 - 5109

J.S. Gurican

GURICAN
00014

FORM R 6-R-7 REV. 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO E.G. Addeo DEPARTMENT

FROM J.S. Gurican DEPARTMENT

PHONE 520 DATE

SUBJECT Chemical Disposal Pits.
Time Consumed, Materials Disposed of, Inspections, Conveying, Burning ect.

March 1, 1959 to March 15, 1959.

The following is a resume of time consumed during various activities at the burn pits.

Type of Chemicals.	Number of gallons or cylinders.	Test Area from.	Disposal authori by.
None	None	None	None

Total Time consumed, Various activities.

J.S. Gurican.	19½hrs.
D.J. Moore.	10hrs.
J. Carr.	8 hrs.
Total Time.	37½ hrs.

Total Amount Of Material On Hand Awaiting Disposal.

16 Drums of CHROMIC ACID AND WATER MIXTURES.
1 DRUM OF J.P. FUEL.
1 DRUM UNIDENTIFIED MATERIAL(OIL)
1 DRUM TURCO ACID.
2 DRUMS SODIUM CHROMATE
1 DRUM LINSEED OIL
1 DRUM PAINT THINNER
18 DRUMS HYDRAZINE
5 DRUMS RP-1 AND WATER
1 DRUM OIL OIL
½ DRUM OIL
1 DRUM 25% Hydrazine and water
2 DRUMS UNIDENTIFIED MATERIAL
6 DRUMS UDMH.
4 DRUMS ACETONE.
1 DRUM LUBE OIL

1 Drum Trichlor
2 Drums Nitric Acid.
2 Drums UDMH ½ full
27 Empty UDMH Drums
1 pallet chemicals
24 gal. material from CANO.
1 DRUM TOLUENE DISCOMANTE

Ex. 34 - 5110

3 DRUMS OF HYDRAZINE WE ARE HOLDING FOR DISPOSITION OF SAME.

J.S. GURICAN

FORM R 6-R-7 REV. 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Capt. A. W. Miller	DEPARTMENT	552 - SamSu - Area II
FROM	F/E E. G. Addeo	DEPARTMENT	552 - SamSu - Area II
PHONE	520	DATE	1 April 1959

SUBJECT MONTHLY REPORT - MARCH, 1959; CHEMICAL DISPOSAL ACTIVITIES AT PITS, INSPECTIONS, BURNING, BLEEDING, ETC.

The following is a resume of activities at the Chemical Disposal Pits during the month of March, 1959:

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH THEY AREA	DISPOSAL AUTHORIZED BY:	
Hydrazine	1705 Gal.	Miscellaneous	L. Weber	(596-60)
UDMH	990 Gal.	Unknown	L. Weber	(596-60)
Hydrazine and Water	385 Gal.	Low.Research	W. Colwell	(596-94)
UDMH and Water	55 Gal.	Unknown	E. G. Addeo	(552)
UDMH Empty MR Drums	240 Drums	Unknown	E. G. Addeo	(552)
Acetone	165 Gal.	Unknown	R. D. Sautter	(549)
RP-1 and Water	605 Gal.	Unknown	E. G. Addeo	(552)
Sodium Chromate & Acid Sol.	610 Gal.	Equip. Lab.	R. D. Sautter	(549)
Paint Thinners	110 Gal.	Maintenance	R. D. Sautter	(549)
Lube Oil	165 Gal.	Unknown	R. D. Sautter	(549)
Linseed Oil (contaminated)	55 Gal.	Maintenance	R. D. Sautter	(549)
Nitric Acid Sol.	110 Gal.	Equip. Lab.	R. D. Sautter	(549)
Toluene Diisocyanate	55 Gal.	NAA	T. L. Fuller	(596-95)
Turco Acid (Lithium Chloride)	55 Gal.	Unknown	E. G. Addeo	(552)
Unidentified Material	275 Gal.	Unknown	E. G. Addeo	(552)
Lab.Chemicals,Misc. mixtures	30 Ctns.	Labs. A & B	Ackermann & Sutton	(596-92)
Alcohol	55 Gal.	Low.Research	W. Colwell	(596-94)

Time consumed:

Inspections:
- F/E E. G. Addeo - 4 hours
- J. S. Gurican - 10 hours (including placing)
- TOTAL 14 hours

Burning:
- F/E E. G. Addeo - 2 hours
- J. S. Gurican - 26 hours
- R. D. Day - 12 hours
- J. R. Carr - 8 hours
- D. J. Moore - 6 hours
- TOTAL 56 hours

GRAND TOTAL: 70 hours

Ex. 34 - 5111

FORM R 6-R-7 REV. 1-57

To: Capt. A. W. Miller
From: F/E E. G. Addeo
Subject: Monthly Report - March, 1959; Chemical Disposal - Activities at Pits, Inspections, Burning, Bleeding, Etc.

- -

Inventory of Material on hand awaiting disposal: (Drums)

UDMH Empty MK drums	-	30
Hydrazine & UDMH Mixtures	-	4
Alcohol	-	3
Sodium Chromate	-	7
Lithium Chloride	-	1
Flushing Oil	-	1

Awaiting Disposition: 3 Drums - Hydrazine and UDMH mixture

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA/lgk
CC: J. S. Gurican, D/552, PTL
File:

Ex. 34 - 5112

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Capt. A. J. Miller	DEPARTMENT	552 - Sam9a - Area II
FROM	F/E E. G. Addeo	DEPARTMENT	552 - Sam9a - Area II
PHONE	520	DATE	5 May 1959
SUBJECT	MONTHLY REPORT - APRIL, 1959; CHEMICAL DISPOSAL-ACTIVITIES AT PITS, INSPECTIONS, BURNING, CONVOYING, ETC.		

The following is a resume of time spent during various activities at the Chemical Disposal Pits:

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY:	
Lube Oil	220 Gal.	Delta	J. Somers	(596-66)
Flushing Oil	55 Gal.	Delta	J. Somers	(596-66)
Alcohol	220 Gal.	Unknown	E. G. Addeo	(552)
Sodium Chromate	385 Gal.	E. L.	H. Sutherland	(596-62)
Lithium Chloride	55 Gal.	E. L.	H. Sutherland	(596-62)
Lab. Chemicals	30 Gal.	Chem.Lab"A"	C. Ashemann	(596-92)
Unidentified Fuel	495 Gal.	Unknown	E. G. Addeo	(552)
Toluene	55 Gal.	Unknown	E. G. Addeo	(552)
Paint Thinner	55 Gal.	D/546	E. G. Addeo	(552)
Paint, Mixtures	110 Gal.	D/546	E. G. Addeo	(552)
Tar	55 Gal.	Unknown	E. G. Addeo	(552)
Hydrazine and Water	220 Gal.	Unknown	E. G. Addeo	(552)
Turco Acid	110 Gal.	E. L.	H. Sutherland	(596-62)
J. P. Fuel	220 Gal.	Unknown	E. G. Addeo	(552)
Acetone	110 Gal.	Unknown	E. G. Addeo	(552)
Tri-Chlor	55 Gal.	Unknown	E. G. Addeo	(552)
Hydrazine	10 Gal.	Chem.Lab"B"	E. F. Cain	(596-92)
Empty Drums, UDMH	30 Drums	Unknown	E. G. Addeo	(552)

Grand Total Gallons Burned - 2,460 Gallons

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	-	2 hours	
	J. S. Gurican	-	15 hours	(including placing)
	TOTAL		17 hours	
Burning:	F/E E. G. Addeo	-	1 hour	
	J. S. Gurican	-	5 hours	
	R. D. Day	-	5 hours	
	E. I. Webb	-	5 hours	
	TOTAL		16 hours	

Ex. 34 - 5113

FORM R 6-R-7 REV. 1-57

To: Capt. A. W. Miller
From: F/E E. G. Addeo
Subject: Monthly Report - April, 1959; Chemical Disposal - Activities at Pits, Inspections, Burning Conveying, etc.

- -

N.T.O. Transfer Standby:	F/E E. G. Addeo	-	3	hours
	J. S. Gurican	-	4	hours
	D. J. Moore	-	11-1/2	hours
	E. E. Farr	-	24	hours
	R. D. Ray	-	8-1/2	hours
	L. M. Smith	-	4	hours
	L. H. Bensheof	-	6	hours
	E. I. Webb	-	3-1/2	hours
	TOTAL	-	58-1/2	hours

Grand Total hours expended at pits - 91-1/2 hours

Inventory of Material on hand awaiting disposal:

Alcohol	-	1 drum
90% Hydrazine-10% UDMH	-	10 drums
75% Hydrazine-25% UDMH	-	2 drums
Mixtures, Hydrazine	-	4 drums
Fluorine, Bad Valves	-	2 cylinders (Caution must be used when disposing of these)
Nitrogen contaminated with Fluorine	-	2 cylinders

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA/lgk
CC: Capt. A. W. Miller, D/552, PTL
Fireman J. S. Gurican, D/552, PTL
File:

Ex. 34 - 5114

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO E/G. Addeo

DEPARTMENT

FROM J.S. Gurican

DEPARTMENT

PHONE 485

DATE

SUBJECT Monthly Report - May, 1959; Chemical Disposal- Activities at Pits, Inspections, Burning, convoying, ect.

The following is a resume of time spent during various activities at the Chemical Disposal Pits;

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS.	FROM WHICH TEST AREA.	DISPOSAL AUTHORIZED BY.	
Flushing oil	550 gal.	Delta	Art Welsh	Dept.(549)
Lube oil	110 gal.	unknown	E.G. Addeo	(552)
Diesel fuel	110 gal.	unknown	Art Welsh	(549)
Paint & thinner mix.	220 gal.	Dept 546	E.G. Addeo	(552)
Alcohol	110 gal.	unknown	E.G. Addeo	(552)
RP1	55 gal.	unknown	E.G. Addeo	(552)
Turco Acid	55 gal.	E.L. Area	H. Sutherland.	(596)62
Unidentified Fuel	495 gal.	unknown	Bud Nelson	(596)5
Oil (contaminated)	55 gal.	unknown	Bud Nelson	(596)5
Lab. Chemicals	15 gal.	Chem Lab. B	Bud Nelson	(596)5
Hydrazine	770 gal.	unknown	Bud Nelson	(596)5
TEA	35 gal.	Chem Lab. A	Bud Nelson	(596)5

Grand Total Galons burned 2545 Galons.

All of the above material was inspected by Mr. F.A.(Bud) Nelson 596-5 and all material was ordered destroyed.

TIME CONSUMED:

Inspections.	F/E Addeo	-		=
	J.S. Gurican	-	10 hrs.	TOTAL TIME.
BURNING:	F/E Addeo	-		
	J.S. Gurican	-	6 hrs.	
	C. Schoenfelder	-	6 hrs.	=
	E.Webb	-	3 hrs.	TOTAL TIME.
Drum Removal.	E.Webb	-	6 hrs.	
	J.S. Gurican	-	6 hrs	=
	Johnson	-	4 hrs.	TOTAL TIME.

xxxxx

MATERIAL ON HAND AWAITING DISPOSAL. - NONE.

2 cylinders Fluorine
4 drums Hydrazine
1 unidentified cylinder
1 cylinder penteborane
2 cylinders TEA

Ex. 34 - 5115

FORM R 6-R REV. 1-57

GURICAN 00020

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	A.A. Miller	DEPARTMENT	552-SanSu Area II
FROM	E.G. Addeo	DEPARTMENT	552-SanSu Area II
PHONE	520	DATE	1 June, 1959

SUBJECT: MONTHLY [illegible] - [illegible], 1959; CHEMICAL DISPOSAL - [illegible] PITS, INCINERATOR, BURNING, [illegible], ETC.

The following is a resume of time spent during various activities at the Chemical Disposal Pits:

CHEMICAL D/[illegible] DISPOSED OF	AMOUNTS	FROM WHOM TOOK DATA	ORIGINAL AUTHORIZED BY	
Flushing Oil	550 Gal.	Delta	Art Welsh	Dept. (549)
Lube Oil	110 Gal.	Unknown	Bud Nelson	(596-5)
Diesel Fuel	110 Gal.	Unknown	Art Welsh	(549)
Paint & Thinner Mix	220 Gal.	Dept. 546	Bud Nelson	(596-5)
Alcohol	110 Gal.	Unknown	Bud Nelson	(596-5)
LP-1	55 Gal.	Unknown	Bud Nelson	(596-5)
Turco Acid	55 Gal.	E.L. Arum	L. Sutherland	(596-62)
Unidentified Fuel	495 Gal.	Unknown	Bud Nelson	(596-5)
Oil (contaminated)	55 Gal.	Unknown	Bud Nelson	(596-5)
Lab. Chemicals	15 Gal.	Chem. Lab. [illegible]	Bud Nelson	(596-5)
Hydrazine (contaminated)	770 Gal.	Unknown	Bud Nelson	(596-5)
TEA	35 Gal.	Chem. Lab. [illegible]	Bud Nelson	(596-5)

Grand Total Gallons Burned-2545 Gallons

All of the above material was inspected by Mr. A.A. (Bud) Nelson 596-5 and all material was ordered destroyed.

TIME CHARGED:

Inspections:	P/S E.G. Addeo	- 2 hours		
	J.S. Gurican	-10 hours		
	TOTAL	12 hours	TOTAL TIME =	12 hours
Burning:	P/S E.G. Addeo	-1 hour		
	J.S. Gurican	-[illegible] hours		
	[illegible] Schwendelder	-6 hours		
	[illegible] Webb	-3 hours		
	TOTAL	16 hours	TOTAL TIME =	16 hours
Drum removal:	[illegible] Webb	-6 hours		
	[illegible] Gurican	-6 hours		
	[illegible] Johnson	-4 hours		
	TOTAL	16	TOTAL TIME =	16 hours
			GRAND TOTAL	44 hours

Ex. 34 - 5116

FORM R 8-R-7 REV. 1-57

GURICAN, 00021

7

MATERIAL ON HAND AWAITING DISPOSAL:

2 Cylinders Fluorine
4 Drums Hydrazine
1 Unidentified Cylinder
1 Cylinder Bromine Pentafluoride
2 Cylinders IEA

E.G. Addeo
E.G. Addeo
Fire Engineer, Inspections
Santa Susana

EGA/spw
CC: A.W. Miller, D/552, PFL
J.S. Guricen, D/552, PFL
File:

Ex. 34 - 5117

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	F/E E.G. Addeo	DEPARTMENT	552 - SanSu - Area II
FROM	J.S. Gurican	DEPARTMENT	552 - SanSu - Area II
PHONE	485	DATE	2 July, 1959

SUBJECT MONTHLY REPORT - JUNE,1959; 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:

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Alcohol	110 gal.	CTL #1	Bud Nelson 596-5
Flushing oil	55 gal.	Delta	Bud Nelson 596-5
Turco acid	55 gal.	E.L.	Bud Nelson 596-5
Unidentified liquid	220 gal.	Unknown	Bud Nelson 596-5
RP1	110 gal.	Unknown	Bud Nelson 596-5
Caustic soda	25 gal.	EL	Bud Nelson 596-5
Lab Chemicals and mixtures.	15 gal.	Chem Lab. B	Bud Nelson 596-5

Grand Total Gallons Burned - 590 Gallons

All of the above material was inspected by Mr. F.A.(Bud) Nelson D/596-5 and all material was ordered destroyed.

TIME CONSUMED:

Inspections:	F/E E.G. Addeo	2 hours	
	J.S. Gurican	8 hours	
	TOTAL	10 hours	TOTAL TIME = 10 hours
Burning:	F/E E.G. Addeo	1 hour	
	J.S. Gurican	4 hours	
	C. Schoenfelder	4 hours	
	TOTAL	9 hours	TOTAL TIME = 9 hours
Drum Removal:	J.S. Gurican	2 hours	
	C. Schoenfelder	2 hours	
	TOTAL	4 hours	TOTAL TIME = 4 hours
		GRAND TOTAL	23 hours

Ex. 34 - 5118

FORM R 8-R-7 REV. 1-57

GURICAN
00023

To: E.G. Addeo
From: J.S. Gurican
Subject: Monthly Report - June, 1959

MATERIAL ON HAND AWAITING DISPOSAL:

2 Cylinders Fluorine
5 Drums Hydrazine and water
4 Drums Hydrazine and UDMH
1 Drum Contaminated RP1 (To be destroyed only)
1 Drum Contaminated Lube Oil
2 Cylinders TEA
1 Cylinder unidentified material
1 Cylinder Bromine Pentafluoride
1 Cylinder Ammonia (Large)
3 Cylinders Ammonia (Small)
1 Drum synthetic Rubber.

J.S. Gurican
Fire Inspection Office
Santa Susanna

Ex. 34 - 5119

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

	A. W. Miller		552 - SanSu - Area II
TO	E. G. Addeo	DEPARTMENT	552 - SanSu - Area II
FROM	520	DEPARTMENT	6 July, 1959
PHONE		DATE	
SUBJECT	MONTHLY REPORT - JUNE, 1959; CHEMICAL DISPOSAL - ACTIVITIES AT PITS, INSPECTION BURNING, CONVOYING, ETC.		

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

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Alcohol	110 gal.	CTL #1	Bud Nelson 596-5
Flushing oil	55 gal.	Delta	Bud Nelson 596-5
Turco acid	55 gal.	E.L.	Bud Nelson 596-5
Unidentified liquid	220 gal.	Unknown	Bud Nelson 596-5
RP1	110 gal.	Unknown	Bud Nelson 596-5
Caustic soda	25 gal.	E.L.	Bud Nelson 596-5
Lab Chemicals and mixtures	15 gal.	Chem Lab B	Bud Nelson 596-5

Grand Total Gallons Burned - 590 Gallons

All of the above material was inspected by Mr. F. A. (Bud) Nelson D/596-5 and all material was ordered destroyed.

TIME CONSUMED:

Inspections:	F/E E.G. Addeo	-2 hours	
	J.S. Gurican	-8 hours	
	TOTAL	-10 hours	TOTAL TIME = 10 hours
Burning:	F/E E.G. Addeo	-1 hour	
	J.S. Gurican	-4 hours	
	C. Schoenfelder	-4 hours	
	TOTAL	-9 hours	TOTAL TIME = 9 hours
Drum Removal:	J.S. Gurican	2 hours	
	C. Schoenfelder	2 hours	
	TOTAL	4 hours	TOTAL TIME = 4 hours
			GRAND TOTAL 23 hours

Ex. 34 - 5120

GURICAN
00026

FORM R 6-R-7 REV. 1-57

MATERIAL ON HAND AWAITING DISPOSAL:

2 Cylinders Flourine
5 Drums Hydrazine and water
4 Drums Hydrazine and UDMH
1 Drum Contaminated RP1 (To be destroyed only)
1 Drum Contaminated Lube Oil
2 Cylinders TEA
1 Cylinder unidentified material
1 Cylinder Bromine Pentafluoride
1 Cylinder Ammonia (Large)
3 Cylinders Ammonia (Small)
1 Drum synthetic Rubber

E. G. ADDEO
Fire Engineer, Inspector
Santa Susana

EGA:mdh

cc: J. S. Gurican
File

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	E.G. Addeo	DEPARTMENT	552 - SanSu - Area II
FROM	J.S. Gurican	DEPARTMENT	552 - SanSu - Area II
PHONE	485	DATE	6 August, 1959
SUBJECT	MONTHLY RREPORT - JULY, 1959; 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.

CHEMICALS/AND/OR FUELS DISPOSED OF.	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
RP1 - Panteborane Mix.	165 gal.	Chem. Eng, Lab.	Bud Nelson 596 -5
Flushing Oil.	150 gal.	Unknown.	Bud Nelson 596 -5
Alcohol.	55 gal.	Unknown.	Bud Nelson 596 -5
UDMH Mixtures	110 gal.	SPA.	Bud Nelson 596 -5
Lab. Chemicals, fuel samples	25 gal.	Chem. Lab. B.	Ed. Cain & 596 -92 Bud Nelson 596 -5
Lithium Hydride	10 lbs.	Naka Area.	C.R. Fingerhood 596-95 Bud Nelson 596 -5
Unidentified Chemicals	2 gal.	Tunnel Area.	Bud Nelson 596 -5

Grand Total Gallons Burned - 505 Gallons

All of the above material was inspected by Mr. F.A.(Bud) Nelson D/596-5 And all material was ordered destroyed.

TIME CONSUMED:

Inspections:

	F/E E.G. Addeo	2 hours	
	J.S. Gurican	8 hours	
	TOTAL	10 hours	TOTAL TIME = 10 hours
BURNING:	F/E E.G. Addeo	1 hour	
	J.S. Gurican	7 hours	
	R.E. Smith	7 hours	
	E.D. Webb	3 hours	TOTAL TIME = 18 hours
	TOTAL	18 hours	
DRUM REMOVAL:	J.S. Gurican	2 hours	
	R.E. Smith	2 hours	
	TOTAL	4 hours	TOTAL TIME: 4 hours
			Grand TOTAL 32 hours

Ex. 34 - 5122

GURICAN
00027

6 R 7 REV 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO F/E E.G. Addeo — DEPARTMENT 552

FROM J.S. Gurican — DEPARTMENT 552

PHONE 485 — DATE 6 August, 1959

SUBJECT Monthly Report;

Ma terial on hand awaiting Disposal.	Area From.
2 Cylinders Fluorine.	~~[illegible]~~ Lower Research
1 Large cylinder Ammonia.	Research Area
3 Small cylinders Ammonia.	"
3 Cylinders TEA.	Special Propellant Area
4 Drums Com. Iso. Octane	"
10 Drums Benzol	"
2 Drums Benzene	"
2 Drums Heavy Aromatic Naptha	"
2 Drums Methyl Cyclo Hexane	"
2 Drums Propyl Nitrate	"
2 Drums mixtures , N- Heptane, Comm. Iso Octane,	Cyclo Hexane.
2 Drums RP1 and TCP	"
20 gallons Fuel addative.	"
5 Drums unidentified material(Fuels) From CTL#1	"
4 Drums Penteborane and RP1	CHEM. ENG. LAB.
3 Drums Hydrolic Oil	E.L. AREA
5 Drums Hydrazine and Water	SPA
3 Drums Fuel, unidentified, from Conservation.	CONSERVATION AREA.
1 Drum liquid Rubber.	E.L. AREA.

J.S. Gurican
552-49

Ex. 34 - 5123

GURICAN
00028

FORM R 6-R-7 REV. 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	A. W. Miller	DEPARTMENT	552 - SanSu - Area II
FROM	E. G. Addeo	DEPARTMENT	552 - SanSu - Area II
PHONE	520	DATE	7 August 1959

SUBJECT MONTHLY REPORT - JULY, 1959; 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.

CHEMICALS AND/ OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
KP1 - Penteborane Mix	165 Gal.	Chem. Eng. Lab.	Bud Nelson 596-5
Flushing oil	150 Gal.	Unknown	Bud Nelson 596-5
Alcohol	55 Gal.	Unknown	Bud Nelson 596-5
UDMH mixtures	110 Gal.	SPA	Bud Nelson 596-5
Lab. Chemicals, fuel samples	25 Gal.	Chem. Lab. B	Ed. Cain & 596-92 Bud Nelson 596-5
Lithium Hydride	10 Lbs.	NAKA Area	C. R. Fingerhood 596-95 Bud Nelson 596-5
Unidentified chemicals	2 Gal.	Tunnel Area	Bud Nelson 596-5

Grand Total Gallons Burned - 505 Gallons

All of the above material was inspected by Mr. F. A. (Bud) Nelson D/596-5 and all material was ordered destroyed.

TIME CONSUMED:

Inspections:	F/E E. G. Addeo		2 hours	
	J. S. Gurican		8 hours	
		TOTAL	10 hours	TOTAL TIME = 10 hours
Burning:	F/E E. G. Addeo		1 hour	
	J. S. Gurican		7 hours	
	R. E. Smith		7 hours	
	E. D. Webb		3 hours	
		TOTAL	18 hours	TOTAL TIME = 18 hours
Drum Removal:	J. S. Gurican		2 hours	
	R. E. Smith		2 hours	
		TOTAL	4 hours	TOTAL TIME = 4 hours
				GRAND TOTAL 32 hours

Ex. 34 - 5124

GURICAN
00029

CRM R 6-R 7 REV 1-57

To: A. W. Miller
From: E. G. Addeo
Subject: Monthly Report

7 August 1959

- -

MATERIAL ON HAND AWAITING DISPOSAL:	AREA FROM
2 Cylinders Fluorine	Lower Research
1 Large cylinder Ammonia	Research Area
3 Small cylinders Ammonia	Research Area
3 Cylinders TEA	Special Propellant Area
4 Drums Com. Iso. Octane	Special Propellant Area
10 Drums Benzol - 9	Special Propellant Area
2 Drums Benzene	Special Propellant Area
2 Drums heavy Aromatic Naptha	Special Propellant Area
2 Drums Methyl Cyclo Hexane	Special Propellant Area
2 Drums Propyl Nitrate	Special Propellant Area
2 Drums mixtures, N- Heptane, Com. Iso Octane, Cyclo Hexane	Special Propellant Area
2 Drums RP1 and TCP	Special Propellant Area
20 Gallons fuel additive	Special Propellant Area
5 Drums unidentified material (fuels) from CTL I	Special Propellant Area
4 Drums Penteborane and RP1	Chem. Eng. Lab.
3 Drums Hydraulic oil	E. L. Area
5 Drums Hydrazine and water	SPA
3 Drums fuel, unidentified from Conservation	Conservation Area
1 Drum liquid rubber	E. L. Area

E. G. Addeo
E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA:mch
cc: J. S. Gurican (FD Inspector)
File

Ex. 34 - 5125

GURICAN
00050

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	F/E E.G.Addeo	DEPARTMENT	552 - SanSu - Area II
FROM	J.S. Gurican	DEPARTMENT	552 - SanSu - Area II
PHONE	481	DATE	31 August, 1959

SUBJECT MONTHLY REPORT - AUGUST, 1959; 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.

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Hydrazine & Water 20%	1870 Gal.	S.P.A.	Bud Nelson 596 - 5
Hydrazine & Water 50%	330 Gal.	Delta	Bud Nelson 596 - 5
Panteborane & RP1	385 Gal.	Chem Lab. A	R.C. Ahlert 596-92
Paint Sludge	220 Gal.	Dept. 546	H.E. Garrison 546 -
Acetone (Contaminated) *	55 Gal.	Unknown	Bud Nelson 596-5
Unidentified Fuels	495 Gal.	Unknown	Bud Nelson 596-5
Liquid Rubber *	55 Gal.	Unknown	Bud Nelson 596 -5
Thinner	55 Gal.	Unknown	Bud Nelson 596-5
Hydrolic Oil	605 Gal.	EL Area	Bud Nelson 596-5
Trichlorr& Polymer	55 Gal.	Naba Area	Ted Fuller 596-95
Kelite	110Gal.	Unknown	Bud Nelson 596-5
Benzol	550 Gal	CTL #1	R.D. SAUTTER 549
Pet. Benzene	110 Gal.	CTL #1	"
Ethyl Benzene	110 Gal.	CTL #1	"
Heavy Aromatic Naphta	110 Gal.	CTL #1	"
Methyl Cyclo Hexane	110 Gal.	CTL #1	"
RP1 and Addatives	220 Gal.	CTL #1	"
Fuel and Addatives	55 Gal.	CTL #1	"
Propyl Nitrate	110 Gal.	CTL #1	"
RP1 and TCP	110 Gal.	CTL #1	"
Lab Chemicals	30 Gal.	Chem Lab. B	E.F. Gain 596-92
T.E.A.	2 Cylinders	SPA	Bud Nelson 596-5
Ammonia	4 Cylinders	L. Research	W. Colwell 596-94

GRAND TOTAL GALONS BURNED - 5750 GALLONS

All of the above material was inspected by Mr. F.A. (Bud) Nelson 596-5, after inspection all material was ordered destroyed.

* Liquid Rubber and Acetone were contaminated with unknown material.

TIME CONSUMED

Inspections	F/E Addeo	4 hours
	J.S. Gurican	8 hours
	R.E. Smith	4 hours
	TOTAL -	16 hours

Ex. 34 - 5126

TOTAL TIME 16 hours

FORM R 6-R-7 REV. 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO DEPARTMENT

FROM DEPARTMENT

PHONE DATE

SUBJECT

BURNING;	F/E Addeo	8 hours	
	J.S. Gurican	16 hours	
	R.E. Smith	16 hours	
	TOTAL TIME	40 hours	TOTAL TIME 40 hours
DRUM REMOVAL;	J.S. Gurican	3 hours	
	R.E. Smith	3 hours	
	TOTAL TIME	6 hours	TOTAL TIME 6 hours
		GRAND TOTAL TIME	62 HOURS

MATERIAL ON HAND AWAITING DISPOSAL;

2 Cylinders Fluorine
1 Cylinder TEA
1 Unidentified Cylinder
3 Drums Benzol
5 Drums Iso Octane
2 Drums Unidentified Fuels
2 Drums RP1 and Penteborane
5 Drums Phillips Soltrol 150
2 Drums Phillips Soltrol 170
1 Drum Shell Dispersol
8 Drums Enjay Dicyclopentadine
5 Drums Union Thinner
8 Drums Shell Laquer Diluent
6 Drums Heavy Aromatic Naphta

Material on Hand awaiting Disposition;
7 Drums Hydracine
35 Drums 5606 Oil
1 NTO Cylinder

J.S. Gurican

Ex. 34 - 5127

FORM P 6 R REV 1-57

GURICAN
00032

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. J. Madden	DEPARTMENT	552 - SanSu - Area II
FROM	E. C. Addno	DEPARTMENT	552 - SanSu - Area II
PHONE	520	DATE	1 September 1959
SUBJECT	MONTHLY REPORT - AUGUST, 1959; 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Hydrazine & Water 20%	1870 Gal.	S.P.A.	Bud Nelson 596-5
Hydrazine & Water 50%	330 Gal.	Delta	Bud Nelson 596-5
Pentaborane & RP1	385 Gal.	Chem. Lab. A	Bud Nelson 596-5
Paint Sludge	220 Gal.	Dept. 546	Bud Nelson 596-5
Acetone (Contaminated)*	55 Gal.	Unknown	Bud Nelson 596-5
Unidentified Fuels	496 Gal.	Unknown	Bud Nelson 596-5
Liquid Rubber *	55 Gal.	Unknown	Bud Nelson 596-5
Thinner	55 Gal.	Unknown	Bud Nelson 596-5
Hydrolic Oil	605 Gal.	EL Area	Bud Nelson 596-5
Trichlorr & Polymer	55 Gal.	Helm Area	Bud Nelson 596-5
Lolite	110 Gal.	Unknown	Bud Nelson 596-5
Dessol	550 Gal.	CTL I	R. D. Sautter 549
Pet. Benzene	110 Gal.	CTL I	R. D. Sautter 549
Ethyl Benzene	110 Gal.	CTL I	R. D. Sautter 549
Heavy Aromatic Naphta	110 Gal.	CTL I	R. D. Sautter 549
Methyl Cyclo Hexane	110 Gal.	CTL I	R. D. Sautter 549
RP1 and Additives	220 Gal.	CTL I	R. D. Sautter 549
Fuel and Additives	55 Gal.	CTL I	R. D. Sautter 549
Propyl Nitrate	110 Gal.	CTL I	R. D. Sautter 549
RP1 and TEP	110 Gal.	CTL I	R. D. Sautter 549
Lab. Chemicals	30 Gal.	Chem. Lab. B	Bud Nelson 596-5
T.N.A.	2 Cylinders	S.P.A.	Bud Nelson 596-5
Ammonia (Liquid)	4 Cylinders	Lox. Research	

Grand Total Gallons Burned - 5750 Gallons
Grand Total lbs. T.N.A. Burned - 300 lbs.
Grand Total Gallons Ammonia Disposed - 156 Gallons

All of the above material was inspected by Mr. F. A. (Bud) Nelson 596-5 and after inspection all material was ordered destroyed.

* Liquid Rubber and Acetone were contaminated with unknown material.

Ex. 34 - 5128

GURICAN
00033

FORM R 6-R 7 REV 1-57

To: R. J. Madden
From: E. G. Addeo
Subject: Monthly Report

1 September 1959

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	4 hours	
	J. S. Gurican	8 hours	
	R. E. Smith	6 hours	
	TOTAL	20 hours	TOTAL TIME = 20 hours
Burning:	F/E E. G. Addeo	8 hours	
	J. S. Gurican	16 hours	
	R. E. Smith	16 hours	
	TOTAL	40 hours	TOTAL TIME = 40 hours
Drum Removal:	J. S. Gurican	3 hours	
	R. E. Smith	3 hours	
	TOTAL	6 hours	TOTAL TIME = 6 hours

MATERIAL ON HAND AWAITING DISPOSAL:

2 Cylinders Fluorine
1 Cylinder T.E.A.
1 Unidentified Cylinder
3 Drums Benzol
5 Drums Iso Octane
2 Drums Unidentified Fuels
2 Drums JP1 and Pentaborane
5 Drums Phillips Soltrol 150
2 Drums Phillips Soltrol 170
1 Drum Shell Dispersol
8 Drums Enjay Dicyclopentadine
5 Drums Union Thinner
8 Drums Shell Lacquer Diluent
6 Drums Heavy Aromatic Naphtha

MATERIAL ON HAND AWAITING DISPOSITION:

7 Drums Hydrazine
35 Drums 5606 Oil
1 NTO Cylinder (1 Ton Cap.)

Ex. 34 - 5129

E. G. Addeo

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

[illegible]
[illegible]
File

GURICAN
00034

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. J. Madden	DEPARTMENT	552 - SanSu - Area II
FROM	E. G. Addeo	DEPARTMENT	552 - SanSu - Area II
PHONE	520	DATE	7 October 1959

SUBJECT MONTHLY REPORT - SEPTEMBER, 1959; 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Hydrazine	660 Gal.	S.P.A.	Bud Nelson 596-5
Hydrazine and Water	165 Gal.	S.P.A.	Bud Nelson 596-5
Pentaborane and RP-1	165 Gal.	Chem. Lab. A.	Bud Nelson 596-5
Benzol	165 Gal.	Drum Pad	Bud Nelson 596-5
Iso-Octane	275 Gal.	Drum Pad	Bud Nelson 596-5
Phillips Soltrol 150	275 Gal.	Drum Pad	Bud Nelson 596-5
Phillips Soltrol 170	110 Gal.	Drum Pad	Bud Nelson 596-5
Shell Dispersol	55 Gal.	Drum Pad	Bud Nelson 596-5
Enjay Dicyclopentadine	440 Gal.	Drum Pad	Bud Nelson 596-5
Union Thinner	275 Gal.	Drum Pad	Bud Nelson 596-5
Shell Laquer Diluent	440 Gal.	Drum Pad	Bud Nelson 596-5
Aromatic Naptha	330 Gal.	Drum Pad	Bud Nelson 596-5
Fuel Oil	110 Gal.	CTL III	Bud Nelson 596-5
Acetone	55 Gal.	Instrument Lab.	Bud Nelson 596-5
Lube Oil	175 Gal.	Delta	Bud Nelson 596-5
Kelite	175 Gal.	Department 546	Bud Nelson 596-5
T.E.A. (Cylinder)	150 Lbs.	S.P.A.	Bud Nelson 596-5
Gas Mixtures (Cylinders)	22 Cylinders	Chem. Lab. B	Bud Nelson 596-5
CO_2	50 LB. Cylinder	Chem. Lab. B	Bud Nelson 596-5
Unidentified Cylinder	150 Lb. Cylinder	Area Unknown	Bud Nelson 596-5

Grand Total Gallons Burned - 3870 Gallons
Grand Total lbs. T.E.A. Burned - 150 Lbs.
Grand Total Cylinders bled off - 23 Cylinders

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

T.E.A. cylinder was contained with RP-1. Twenty-two cylinders of gas mixtures were not of any further use and were only partially filled.

Ex. 34 - 5130

GURICAN
00035

FORM R 6-R-7 REV. 1-57

To: R. J. Madden
From: E. G. Addeo
Subject: Monthly Report

7 October 1959

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	4 hours	
	J. S. Gurican	6 hours	
	R. E. Smith	10 hours	
	TOTAL	20 hours	TOTAL TIME - 20 hours
Burning:	F/E E. G. Addeo	4 hours	
	J. S. Gurican	18 hours	
	R. E. Smith	17½ hours	
	TOTAL	39½ hours	TOTAL TIME - 39½ hours
Drum Removal:	J. S. Gurican	3 hours	
	R. E. Smith	3 hours	
	TOTAL	6 hours	TOTAL TIME - 6 hours GRAND TOTAL - 65½ hours

MATERIAL ON HAND AWAITING DISPOSAL:

NONE

E. G. Addeo by [illegible]
E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA:mdh
cc: J. S. Gurican
File

Ex. 34 - 5131

GURICAN
00036

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. J. Madden	DEPARTMENT	552 - SanSu
FROM	E. G. Addeo	DEPARTMENT	552 - SanSu
PHONE	520	DATE	31 December 1959

SUBJECT MONTHLY REPORT - DECEMBER 1959; 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Penteborane and RP-1	550 Gal.	Chem. Lab. "A"	F. A. Nelson 596-5
Lube Oil (Contaminated)	55 Gal.	Delta Area	F. A. Nelson 596-5
RP-1 (Contaminated)	220 Gal.	Fuel Farm	F. A. Nelson 596-5
Heptane (Contaminated)	275 Gal.	Naka Area	F. A. Nelson 596-5
Turco Acid (Contaminated)	55 Gal.	E. L. Area	F. A. Nelson 596-5
Fuel Samples and Chemicals	25 Gal.	Chem. Lab. "B"	F. A. Nelson 596-5
TEA Samples	1 Gal.	Chem. Lab. "B"	F. A. Nelson 596-5
High Explosives (Dynamite Comp. B. TNT)	25 Lbs.	Explosive Forming Area	Vern Montiel 596-395
Magnesium Shavings	300 Lbs.	Canoga Park	E. G. Addeo 552

Grand Total Gallons Burned - 1181 Gallons
Grand Total Pounds Burned - 325 Pounds

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	4 hours	
	J. S. Gurican	4 hours	
	E. I. Webb	2 hours	
	TOTAL	10 hours	TOTAL TIME - 10 hours
Burning:	F/E E. G. Addeo	2 hours	
	J. S. Gurican	9½ hours	
	E. I. Webb	9½ hours	
	TOTAL	21 hours	TOTAL TIME - 21 hours
Drum Removal:	None		

MATERIAL ON HAND AWAITING DISPOSAL:
NONE

Ex. 34 - 5132

EGA:mdh
cc: J. S. Gurican
File

E. G. ADDEO
Fire Engineer, Inspection
Santa Susana

GURICAN
00037

FORM R 6 R 7 REV 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. J. Madden	DEPARTMENT	552 - SanSu
FROM	E. G. Addeo	DEPARTMENT	552 - SanSu
PHONE	520	DATE	1 February 1960

SUBJECT MONTHLY REPORT - JANUARY 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Lab. samples and/or fuel samples	10 Gal.	Chem. Lab. "B"	Bud Nelson 596-5

Grand Total Gallons Burned - 10 gallons

TIME CONSUMED:			
Inspections:	F/E E. G. Addeo	4 hours	
	J. S. Gurican	2 hours	
	E. I. Webb	6 hours	
	TOTAL	12 hours	TOTAL TIME - 12 hours
Burning:	J. S. Gurican	2 hours	
	E. I. Webb	2 hours	
	TOTAL	4 hours	TOTAL TIME - 4 hours
Drum Removal	None		

MATERIAL ON HAND AWAITING DISPOSAL:
None

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA:mdh
cc: J. S. Gurican
File:

Ex. 34 - 5133

FORM R S R 7 REV 1-57

GURICAN
00038

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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
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
Hydrolic 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
AmmoniumPerchlorate	55 Gal.	Naka	Bud Nelson	596-5
Lab. chemicals and/or fuelsamples	15 gal.	Chem. Lab. B	Bud Nelson	596-5
Solid Propella nt	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 318 Lbs.
GRAND TOTAL CYLINDERS BIED 3 CYLINDERS

TIME CONSUMED.

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

MATERIAL ON HAND AWAITING DISPOSAL:
NONE:

J.S. Gurican
552-49

Ex. 34 - 5134

FORM R 6-R-7 REV. 1-57

GURICAN
00039

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	R. J. Madden	DEPARTMENT	552 - SanSu
FROM	E. G. Addeo	DEPARTMENT	552 - SanSu
PHONE	520	DATE	1 March 1960

SUBJECT MONTHLY REPORT - FEBRUARY, 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
Heptane	1,000 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 - Contaminated	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 Pounds Burned - 318 pounds
Grand Total Cylinders Bled - 3 cylinders - 18 pounds

TIME CONSUMED:

Inspections:	F/E Addeo	2 hours	
	J. S. Gurican	6 hours	
	E. Webb	2 hours	
	TOTAL	10 hours	TOTAL TIME - 10 hours
Burning:	F/E Addeo	5 hours	
	J. Gurican	8 hours	
	E. Webb	8 hours	
	TOTAL	21 hours	TOTAL TIME
Drum Removal:	J. Gurican	2 hours	
	E. Webb	2 hours	
	TOTAL	4 hours	TOTAL TIME

MATERIAL ON HAND AWAITING DISPOSAL:
None

EGA:mdh

E. G. Addeo
Fire Engineer
Santa Susana

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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
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
Penteborane & RP-1	55 Gal.	Chem. Lab. "A"	R. C. Ahlert	596-392
Penteborane & Acetone	165 Gal.	Chem. Lab. "A"	R. C. Ahlert	596-392
Lube Oil, Contaminated	440 Gal.	Unknown	F. A. Nelson	596-5
Hydaulic 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 partically filled and were of no further use.

Ex. 34 - 5136

To: R. J. Madden
From: E. G. Addeo
Subject: Monthly Report - March, 1960; Chemical Disposal - Activities at Pits, Inspection Burning, Convoying, Etc.

TIME CONSUMED:

Inspections:	F/E E. G. Addeo	4 hours	
	J. S. Gurican	6 hours	
	E. Webb	10 hours	
		18 hours	TOTAL TIME - 18 hours
Burning:	F/E E. G. Addeo	10 hours	
	J. S. Gurican	17 hours	
	E. Webb	21 hours	
	C. Schoenfelder	16 hours	
	N. Parr	4 hours	
		68 hours	TOTAL TIME - 68 hours
Drum Removal:	J. S. Gurican	4 hours	
	E. Webb	4 hours	
		8 hours	TOTAL TIME - 8 hours
	Grand Total Time		94 hours

MATERIAL ON HAND AWAITING DISPOSAL:

8 drums of Hydrazine
1 cylinder Bromine Pentefluoride

E. G. Addeo

E. G. ADDEO
Fire Engineer, Inspections
Santa Susana

EGA:mdh
cc: Inspection File
File:

Ex. 34 - 5137

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	F/E E.G. Addeo	DEPARTMENT	552- SanSu
FROM	J.S. Gurican	DEPARTMENT	552- SanSu
PHONE	481	DATE	4 April, 1960

SUBJECT MONTHLY REPORT - MARCH 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.

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS.	FROM WHICH TEST AREA.	DISPOSAL AUTHORIZED BY.
White Fuming Nitric Acid.	1040 Gal.	SPA Area.	F.A. Nelson 596 - 5
Red Fuming Nitric Acid.	120 Gal.	SPA Area.	F.A. Nelson 596 - 5
Contaminated Hydrazine.	1050 Gal.	SPA Area.	F.A. Nelson 596 - 5
Contaminated UDMH.	600 Gal.	SPA Area.	F.A. Nelson 596 - 5
Penteborane & RP1	55 Gal.	Chem. Lab. A	R.C. Ahlert 596 -392
Penteborane & Acetone	165 Gal.	Chem.Lab. A	R.C. Ahlert 596 -392
Lube Oil, Contaminated.	440 Gal.	Unknown	F.A. Nelson 596 - 5
Hydrolic Oil, Contaminated.	55 Gal.	Delta	D.T. Hayes 596 - 162
RP1, Contaminated.	55 Gal.	Chem. Lab. A	F.A. Nelson 596 - 5
Acetone, Contaminated.	55 Gal.	Unknown	F.A. Nelson 596 - 5
Lab. Samples (Fuels)(Chemicals	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 GALLONS BURNED ——— 3685 GALLONS.
GRAND TOTAL CYLINDERS BIED——— 27 CYLINDERS

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

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

TIME CONSUMED:

Inspections,	F/E E.G. Addeo	4 hours	
	J.S. Gurican	4 hours	
	Ed Webb	10 hours	
		18 hours	TOTAL TIME 18 hours.
BURNING:	F/E E.G. Addeo	19 hours	Ex. 34 - 5138
	J.S. Gurican	17 hours	
	Ed. Webb	21 hours	
	C. Schoenfelder	16 hours	

FORM R 6-R-7 REV. 1-57

GURICAN
00043

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	4 April, 1960
SUBJECT	Monthly Report		

BURNING: CONT. N. Parr 64 hours

Total — 68 Hours TOTAL TIME 68 Hours.

DRUM REMOVAL: J.S. Gurican 4 hours
Ed. Webb 4 hours
Total — 8 hours TOTAL TIME 8 Hours

GRAND TOTAL TIME ———————— 94 Hours

MATERIAL ON HAND AWAITING DISPOSAL.
8 drums of Hyrazine.
1 cylinder Bromine Penteflnoride.

J.S. Gurican

Ex. 34 - 5139

FORM R 6-R-7 REV. 1-57

GURICAN
00044

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	E.G. Addeo	DEPARTMENT	552 - SanSu
FROM	J.S. Gurican	DEPARTMENT	552 - SanSu
PHONE	481	DATE	2 May 1960
SUBJECT	MONTHLY REPORT - APRIL, 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.

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS.	FROM WHICH TEST AREA.	DISPOSAL AUTHORIZED BY.
Acetone(contaminated)	55 Gal.	Chem. Lab. A.	F.A. Nelson. 596-5
RP1 (contaminated)	165 Gal.	Unknown	F.A. Nelson 596-5
Hydrolic Oil	220 Gal.	Delta	F.A. Nelson 596-5
Penteborane and RP1	330 Gal.	Chem.Lab. A	R.C. Ahlert 596-392
Fluorine cylinders	18 cylinders	Fluorine Dock.	F.A. Nelson 596-5

GRAND TOTAL GALLONS BURNED = 770 Gallons
GRAND TOTAL CYLINDERS BIED = 18 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 fluorine cylinders contained passivation fluorine and was of no futher use.

Time Consumed:

Inspections.	F/E Addeo.	[illegible] hours		
	J.S. Gurican	4 hours		
	E. Webb	6 hours	TOTAL TIME	14 hours/
		14		
BURNING.	J.S. Gurican	8 hours		
	E. Webb	8 hours		
	F/E. Addeo	4 hours		
		20 2 hours	TOTAL TIME	20 hours
		6	TOTAL TIME	6 hours

~~DEPARTED~~ REMOVAL AND AWAITING DISPOSAL.
2 drums RP1 and Penteborane W. Johnson
1 Cylinder TEA. K. Clark

J.S. Gurican

Ex. 34 - 5140

FORM R G R REV 1-57

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Captain R. J. Madden	DEPARTMENT	552 - SanSu
FROM	Fire Engineer E. G. Addeo	DEPARTMENT	552 - SanSu
PHONE	520	DATE	3 May 1960

SUBJECT MONTHLY REPORT - APRIL, 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
* Acetone (contaminated)	55 Gal.	Chemical Lab. "A"	F. A. Nelson 596-5
RP-1 (contaminated)	165 Gal.	Unknown	F. A. Nelson 596-5
Hydraulic Oil	220 Gal.	Delta	F. A. Nelson 596-5
Pentaborane and RP-1	330 Gal.	Chemical Lab. "A"	R. C. Ahlert 596-392
* Fluorine cylinders	18 cylinders	Fluorine Dock	F. A. Nelson 596-5

Grand Total Gallons Burned - 770 Gallons
Grand Total Cylinders Bled - 18 Cylinders (estimated 50 lbs of fluorine)

All of the above material was inspected by Mr. F. A. Nelson, D/596-5 and after inspection all material was ordered destroyed. The fluorine and was of no further use.

TIME CONSUMED:

Inspections:	F/E Addeo	4 hours	
	J. S. Gurican	4 hours	
	E. Webb	6 hours	
		14 hours	TOTAL TIME - 14 hours
Burning:	J. S. Gurican	8 hours	
	E. Webb	8 hours	
	F/E Addeo	4 hours	
		20 hours	TOTAL TIME - 20 hours
Drum Removal:	A. Bay	2 hours	
	W. Johnson	2 hours	
	K. Clark	2 hours	
		6 hours	TOTAL TIME - 6 hours
		Grand Total Time	40 hours

MATERIAL ON HAND AWAITING DISPOSAL:
2 drums RP-1 and Pentaborane
1 cylinder TEA

Ex. 34 - 5141

E. G. ADDEO
Fire Engineer, Inspection
Santa Susana

EGA:mdh
cc: Inspection, D/552
File:

FORM R-R-R-7 REV. 1-57

GURICAN
00046

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO Lieutenant E.G. Addeo ADDRESS 552 - SanSu

FROM J.S. Gurican ADDRESS 552 - SanSu

PHONE 481 DATE 1 June 1960

SUBJECT Monthly Report - May, 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.

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS.	FROM WHICH TEST AREA.	DISPOSAL AUTHORIZED BY.
Nitrogen Tetroxide	350 Gallons.	CTL #3	F.A. Nelson 596-305
Hydrochloric Acid	250 Gallons.	E.L.	F.A. Nelson 596-305
Penteborane and RP1	126 Gallons.	P.R.A.	F.A. Nelson 596-305
RP1 And TEA	55 Gallons	P.R.A.	F.A. Nelson 596-305
UDMH	100 Gallons.	S.P.A.	F.A. Nelson 596-305
TEA	20 Gallons.	S.P.A.	F.A. Nelson 596-305
Propane	50 Gallons.	Chem. Lab. A.	Lt. E.G. Addeo 552
Bromine Pentafluoride	75 lbs.	P.R.A.	F.A. Nelson 596-305
CHlorine Trifluoride	75 lbs.	Tunnel.	F.A. Nelson 596-305
Fluorine (5 cylinders)	30 lbs.	Fluorine Dock.	F.A. Nelson 596-305

Grand Total Gallons Burned - 951
Grand Total Cylinders Bled - 8 Total lbs = 180 lbs.

All of the above material was inspected by Mr. F.A. Nelson D/596-305 and after inspection all material was ordered destroyed. The Bromine Pentafluoride and Chlorine Trifluoride was contaminated. The Fluorine was passivation material and was no longer of any value.

TIME CONSUMED:

Inspections:	Lt. E.G. Addeo	4 hours	
	J.S. Gurican	4 hours	
	E.I. Webb	8 hours	
		16 hours	TOTAL TIME = 16 hours
BURNING:	Lt. E.G. Addeo	6 hours	
	J.S. Gurican	10 hours	
	E.I. Webb	10 hours	
		26 hours	TOTAL TIME: = 26 hours
Drum Removal:	E.I. Webb	3 hours	
	J.S. Gurican	3 hours	
		6 hours	TOTAL TIME = 6 hours

GRAND TOTAL TIME ====48 hours

Ex. 34 - 5142

FORM R 6-R

GURICAN
00047

To: Lt. E.G. Addeo
From: J.S. Gurican
Subject: Monthly Report - May, 1960 ; CHEMICAL DISPOSAL - Activities at the Pits, Inspections, Burning, Convoying Ect.

MATERIAL ON HAND AWAITING DISPOSAL:

NONE.

J.S. Gurican
552-49

Ex. 34 - 5143

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Captain R. J. Madden	DEPARTMENT	552 - SanSu
FROM	Lieutenant E. G. Addeo	DEPARTMENT	552 - SanSu
PHONE	520	DATE	3 June 1960

SUBJECT MONTHLY REPORT - MAY, 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY
Nitrogen Tetroxide	350 Gallons	CTL III	F. A. Nelson 596-305
Hydrochloric Acid	250 Gallons	E. L.	F. A. Nelson 596-305
Pentaborane and RP-1	126 Gallons	P. R. A.	F. A. Nelson 596-305
RP-1 and TEA	55 Gallons	P. R. A.	F. A. Nelson 596-305
UDMH	100 Gallons	S. P. A.	F. A. Nelson 596-305
TEA	20 Gallons	S. P. A.	F. A. Nelson 596-305
Propane	50 Gallons	Chem. Lab. "A"	Lt. E. G. Addeo 552
Bromine Pentafluoride	75 Pounds	P. R. A.	F. A. Nelson 596-305
Chlorine Trifluoride	75 Pounds	Tunnel	F. A. Nelson 596-305
Fluorine (5 cylinders)	30 Pounds	Fluorine Dock	F. A. Nelson 596-305

Grand Total Gallons Burned - 951
Grand Total Cylinders Bled - 8 - Total lbs. = 180 lbs.

All of the above material was inspected by Mr. F.A. Nelson, D/596-305 and after inspection, all material was ordered destroyed. The Bromine Pentafluoride and Chlorine Trifluoride was contaminated. The Fluorine was passivation material and was no longer of any value. The writer discharged the Propane after it was determined that there was no need for it by test and research personnel.

TIME CONSUMED:

Inspections:	Lt. E. G. Addeo	4 hours	
	J. S. Gurican	4 hours	
	E. I. Webb	8 hours	
		16 hours	TOTAL TIME = 16 hours
Burning:	Lt. E. G. Addeo	6 hours	
	J. S. Gurican	10 hours	
	E. I. Webb	10 hours	
		26 hours	TOTAL TIME = 26 hours
Drum Removal:	E. I. Webb	3 hours	
	J. S. Gurican	3 hours	
		6 hours	TOTAL TIME = 6 hours

GRAND TOTAL TIME = 48 hours

Ex. 34 - 5144

GURICAN
00049

FORM R.S.R. 7 REV. 1-57

- -

MATERIAL ON HAND AWAITING DISPOSAL:

600 pounds of Chlorine Trifluoride

E. G. Addeo
E. G. ADDEO
Fire Lieutenant, Inspections
Santa Susana

EGA:mdh
cc: Inspection, D/552, PFL
File:

Ex. 34 - 5145

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

O Captain R. J. Madden DEPARTMENT 552 - SanSu

ROM Lieutenant E. G. Addeo DEPARTMENT 552 - SanSu

HONE 520 DATE 1 July 1960

UBJECT MONTHLY REPORT - JUNE, 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.

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
Hydrazine mixtures	660 gallons	SPA Area	F. A. Nelson	596-305
Ethylene Diamine (contaminated)	55 gallons	SPA Area	F. A. Nelson	596-305
Kelite (sludge)	55 gallons	E.L. Area	H. Sutherland	596-362
RP-1 and Pentaborane	165 gallons	PRA Area	M. C. Blum	591-350
Flushing Oil (sludge)	220 gallons	E.L. Area	H. Sutherland	596-362
Nitrogen Tetroxide (contaminated)	55 gallons	CTL III	F. A. Nelson	596-305
TEA&TEB mixtures with RP-1	55 gallons	Chem. Lab. "A"	F. A. Nelson	596-305
Sodium (used)	50 pounds	Hot Fuel	H. Burge	591-352
Lithium metal powder	25 pounds	Canoga Park	E. G. Addeo	552
Dehezene	10 pounds	Chem. Lab. "A"	R. C. Ahlert	591-358
Misc. Lab. Chemicals and samples	25 pounds	Chem. Lab. "A"	R. C. Ahlert	591-358
Chlorine Trifluoride *	600 pounds	PRA Area	F. A. Nelson	596-305

Grand Total Gallons Burned - 1,265 gallons
Grand Total Pounds Burned - 710 pounds

All of the above material was inspected by Mr. F. A. Nelson, D/596-305 and after inspection, all material was ordered destroyed. All of the above material was of no further use.
* The CTF was stored in a leaking cylinder and bled off.

TIME CONSUMED:

Inspection:	Lt. E. G. Addeo	4 hours	
	J. S. Gurican	8 hours	
	E. I. Webb	4 hours	
		16 hours	TOTAL TIME = 16 hours
Burning:	Lt. E. G. Addeo	4 hours	
	J. S. Gurican	11 hours	
	E. I. Webb	11 hours	
	N. E. Parr	4 hours	
		30 hours	TOTAL TIME = 30 hours
Drum Removal:	J. S. Gurican	4 hours	
	E. I. Webb	4 hours	

Ex. 34 - 5146

GURICAN

- -

GRAND TOTAL TIME CONSUMED = 54 hours

MATERIAL ON HAND AWAITING DISPOSAL:
None

E. G. ADDEO
Fire Lieutenant, Inspections
Santa Susana

EGA:mdh
cc: Inspector, D/552, PFL
File:

Ex. 34 - 5147

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO Lieutenant E.G. Addeo ADDRESS 552 - SanSu

FROM J.S. Gurican ADDRESS 552 - SanSu

PHONE 485 DATE 1 July 1960

SUBJECT MONTHLY REPORT - JUNE, 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.

CHEMICALS AND/OR FUELS DISPOSED OF.	AMOUNTS.	FROM WHICH TEST AREA.	DISPOSAL AUTHORIZED BY.
Hydrazine mixtures	660 gallons	SPA Area	F.A. Nelson 596-305
Ethylene Diamine	55 gallons	SPA Area	F.A. Nelson 596-305
Kelite	55 gallons	E.L. Area	H Sutherland 596-362
RP1 and Pentaborane	165 gallons	PRA Area	F.A. Nelson 596-305
Flushing oil (sludge)	220 gallons	E.L. Area	F.A. Nelson 596-305
Nitrogen Tetroxide	55 gallons	CTL #3	F.A. Nelson 596-305
TEA&TEB Mixtures	55 gallons	Chem. Lab. A	F.A. Nelson 596-305
Sodium	50 lbs.	Hot fuel	H Burge 596-352
Lithium metal	25 lbs	Canoga Park	E.G. Addeo 552
Dekazine	10 lbs.	Chem Lab. A	R.C. Ahlert 591-358
Lab. Chemicals, And samples.	25 lbs.	Chem. Lab. A	R.C. Ahlert 591-358
Chlorine Trifluoride	600 lbs.	PRA Area	F.A. Nelson 596-305

GRAND TOTAL GALLONS BURNED: 1265 Gallons
GRAND TOTAL POUNDS BURNED: 710 lbs

All of the above material was inspected by Mr. F.A. Nelson 596-305 and after inspection, all material was ordered destroyed. All of the above material was of no futher use. The CTF was stored in a leaking cylinder.

TIME CONSUMED:

INSPECTIONS:

LT. E.G. Addeo	4 hours	
J.S. Gurican	8 hours	
E.I. Webb	4 hours	
	16 hours	TOTAL TIME = 16 hours

BURNING:

LT. E.G. Addeo	4 hours	
J.S. Gurican	11 hours	
E.I. Webb	11 hours	
N. Parr	4 hours	
	30 hours	TOTAL TIME 30 hours

Ex. 34 - 5148

FORM R 6-R

GURICAN
00053

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Captain R.J. Madden	DEPARTMENT	552 - SanSu
FROM	Lieutenant E.G. Addeo	DEPARTMENT	552 - SanSu
PHONE	520	DATE	1 August 1960

SUBJECT MONTHLY REPORT - JULY, 1960; CHEMICAL DISPOSAL - ACTIVITIES AT PITS, INSPECTIONS BURNING, CONVOKING, ECT.

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

CHEMICALS AND/OR FUELS DISPOSED OF	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
RP1 and Pentaborane	110 gallons	SPA Area	M.C. Blum	591-350
Tea and Teb mixtures, RP1	110 gallons	SPA Area	M.C. Blum	591-350
Alcohol (contaminated)	165 gallons	E.L. Area	H. Sutherland	596-362
Acetone (contaminated)	110 gallons	SPA Area	M.C, Blum	591-350
Heptane, contaminated with solid propellant.	600 gallons	Quick mix	R.D. Sheeline	591 - 366
*Unidentified material	110 gallons	Drum Pad	E.G. Addeo	552
*#200 thinner	220 gallons	Drum Pad	E.G. Addeo	552
*Shell Dispersol	55 gallons	Drum Pad	E.G. Addeo	552
*Iso Octane	55 gallons	Drum Pad	E.G. Addeo	552
Misc. Lab. chemicals and samples	25 gallons	Chem.Lab.E	E.F. Cain	591-350
Triethylborane	300 lbs.	SPA Area	G. Arts	591-368
Mixed oxides	150 lbs.	Chem. Lab. A	R.C. Ahlert	591-358
*Fluorine	6 lbs.	Fluorine Dock	J. Dain	596-305

Grand Total Gallons Burned - 1560 gallons
Grand Total Pounds Burned - 481 pounds

All of the above material was inspected and after inspection material was ordered destroyed. The material was of no futher use.
* The unidentified material, Shell Dispersol, Iso Octane, #200 thinner and Fluorine were stored in leaking and faulty drums and cylinders.

TIME CONSUMED:

INSPECTIONS:	Lt. E.G. Addeo	4 hours	
	J.S. Gurican	4 hours	
	E.I. Webb	8 hours	
		16 hours	TOTAL TIME = 16 hrs.
BURNING:	Lt. E.G. Addeo	5 hours	
	J.S. Gurican	4 hours	
	E.I. Webb	8 hours	
	W. Johnson	4 hours	
		21 hours	TOTAL TIME = 21 hrs.

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FORM R 6-R-7 REV. 1-57

GURICAN
00054

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO Captain R.J. Madden DEPARTMENT

FROM Lieutenant E.G. Addeo DEPARTMENT

PHONE 520 DATE

SUBJECT MONTHLY REPORT - JULY, 1960; CHEMICAL DISPOSAL - ACTIVITIES AT PITS, INSPECTIONS BURNING, CONVOYING, ECT. (continued)

DRUM REMOVAL:

D.R. Carr	3 hours	
E.I. Webb	3 hours	
J.S. Gurican	3 hours	
	9 hours	TOTAL TIME = 9 hours

GRAND TOTAL TIME CONSUMED = 46 hours.

MATERIAL ON HAND AWAITING DISPOSAL.

Phosphoric acid, 14 carboys.
UDMH 2 drums.
Red fuming nitric acid, 1 drum.
DKTA 1 drum.

Material on hand awaiting disposition.
CTF 610 lbs.

E.G. Addeo
Fire Lieutenant, Inspections
Santa Susana

cc: Inspector, D/552, PFL
File

Ex. 34 - 5150

FORM R 6-R-7 REV. 1-57

GURICAN
00035

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO Capt. R. J. Madden DEPARTMENT 552 - SanSu

FROM Lt. E. G. Addeo DEPARTMENT 552 - S nSu

PHONE 520 DATE 2 August 1960

SUBJECT MONTHLY REPORT - JULY, 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:

CHEMICALS AND/OR FUELS DISPOSED OF:	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
RP-1 and Pentaborane	110 Gallons	SPA Area	M. C. Blum	591-350
TEA and TEB mixtures, RP-1	110 Gallons	SPA Area	M. C. Blum	591-350
Alcohol (contaminated)	165 Gallons	E. L. Area	H. Sutherland	596-362
Acetone (contaminated)	110 Gallons	SPA Area	M. C. Blum	591-350
Heptane, contaminated with solid propellant.	600 Gallons	Quick Mix	R. D. Sheeline	591-366
*Unidentified material	110 Gallons	Drum Pad	E. G. Addeo	552
*#200 Thinner	220 Gallons	Drum Pad	E. G. Addeo	552
*Shell Dispersol	55 Gallons	Drum Pad	E. G. Addeo	552
*Iso Octane	55 Gallons	Drum Pad	E. G. Addeo	552
Misc. Lab. chemicals and samples	25 Gallons	Chem.Lab. B	E. F. Cain	591-350
Triethylborane	300 Lbs.	SPA Area	G. Artz	591-368
Mixed Oxides	150 Lbs.	Chem.Lab. A	R. C. Ahlert	591-358
*Fluorine	6 Lbs.	Fluorine Dock	J. E. Dain	596-305

Grand Total Gallons Burned - 1560 Gallons
Grand Total Pounds Burned - 456 Pounds

All of the above material was inspected and after inspection, material was ordered destroyed. as being of no future use. (*) The unidentified material, Shell Dispersol, Iso Octane, #200 Thinner and Fluorine were stored in leaking and faulty drums and cylinders.

TIME CONSUMED:

Inspections:	Lt. E. G. Addeo	3 Hours	
	J. S. Gurican	4 Hours	
	E. I. Webb	8 Hours	
		15 Hours	- Total Time: 15 Hours
Burning:	Lt. E. G. Addeo	5 Hours	
	J. S. Gurican	4 Hours	Ex. 34 - 5151
	E. I. Webb	8 Hours	
	W. B. Johnson	4 Hours	
		21 Hours	- Total Time: 21 Hours

FORM R 6-R-7 REV. 1-57

GURICAN
00056

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TIME CONSUMED - Cont'd.:

Drum Removal:	D. R. Carr	3 Hours
	E. I. Webb	3 Hours
	J. S. Gurican	3 Hours
		9 Hours - Total Time: 9 Hours

Grand Total Time Consumed - 45 Hours

MATERIAL ON HAND AWAITING DISPOSAL:

Phosphoric Acid	-	14 Carboys
UDMH	-	2 Drums
Red Fuming Nitric Acid	-	1 Drum
Diethylene-Triamine	-	1 Drum

E. G. ADDEO
Fire Lieutenant, Inspections
Santa Susana

EGA/lgk
CC: Fireman J. S. Gurican, SanSu
File: R-31-13

Ex. 34 - 5152

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Capt. R.J. Madden	ADDRESS	552 - SanSu - Area II
FROM	J.S. Gurican	ADDRESS	552 - SanSu - Area II
PHONE	485	DATE	1 September 1960

SUBJECT MONTHLY REPORT - AUGUST, 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:

CHEMICALS AND/OR FUELS DISPOSED OF:	AMOUNTS	FROM WHICH TEST AREA	DISPOSAL AUTHORIZED BY	
Contaminated Heptane	220 gallons	Quick Mix	R.D. Sheeline	591-366
Contaminated RP1	250 gallons	Unknown	E.G. Addeo	552
Contaminated Lube Oil	110 gallons	Unknown	J.E. Dain	596-305
*Phosphoric Acid	196 gallons	SPA Area	J.E. Dain	596-305
Nitric Acid (contaminated)	50 gallons	SPA Area	J.E. Dain	596-305
*Diethylene Triamine	55 gallons	SPA Area	J.E. Dain	596-305
Contaminated UDMH	110 gallons	PRA Area	M.C. Blum	591-350

GRAND TOTAL GALLONS BURNED = 991 Gallons

All of the above material was inspected and after inspection material was ordered destroyed.
* The Phosphoric acid and Diethylene Triamine ~~was~~ were stored in leaking and faulty containers.
Also destroyed with the above material were 2 non returnable Penteborane cylinders, these cylinders were perforated by rifle fire and then burnedout.

TIME CONSUMED:

INSPECTIONS:	LT. E.G. ADDEO	2 hours	
	J.S. Gurican	8 hours	
	E.I. Webb	1 hour	
		11 hours	TOTAL TIME 11 Hours
BURNING:	Lt. E.G. Addeo	2 Hours	
	J.S. Gurican	4 Hours	
	E.I. Webb	4 Hours	
		10 Hours	TOTAL TIME 10 Hours
DRUM REMOVAL:	J.S. Gurican	3 Hours	
	D.R. Carr	3 Hours	
	N. Parr	3 Hours	
		9 Hours	TOTAL TIME 9 Hours

GRAND TOTAL TIME CONSUMED 30 Hours

Ex. 34 - 5153

MATERIAL ON HAND AWAITING DISPOSAL:
~~1GEM~~
150 lbs Triethylborane

J.S. Gurican

GURICAN
00058

FORM R 8-R

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Captain R. J. Madden	DEPARTMENT	552 - SanSu
FROM	Fireman J. S. Gurican	DEPARTMENT	552 - SanSu
PHONE	485	DATE	2 September 1960

SUBJECT MONTHLY REPORT - AUGUST, 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:

CHEMICALS AND/OR FUELS DISPOSED OF:	AMOUNTS:	FROM WHICH TEST AREA:	DISPOSAL AUTHORIZED BY:	
Contaminated Heptane	220 Gallons	Quick Mix	R. D. Sheeline	I/591-366
Contaminated RP-1	250 Gallons	Unknown	E. G. Addeo	I/552
Contaminated Lube Oil	110 Gallons	Unknown	J. E. Dain	I/596-305
Phosphoric Acid *	196 Gallons	SPA Area	J. E. Dain	I/596-305
Nitric Acid (contaminated)	50 Gallons	SPA Area	J. E. Dain	I/596-305
Diethylene Triamine *	55 Gallons	SPA Area	J. E. Dain	I/596-305
Contaminated UDMH	110 Gallons	PRA Area	M. C. Blum	I/591-350

GRAND TOTAL GALLONS BURNED - 991 Gallons

All of the above material was inspected and after inspection, the material was ordered destroyed.

* The Phosphoric Acid and Diethylene Triamine were stored in leaking and faulty containers.

Also destroyed with the above material were two non-returnable Pentaborane cylinders. These cylinders were perforated by rifle fire and then burned out.

TIME CONSUMED:

INSPECTIONS:

Lt. E. G. Addeo	2 hours	
J. S. Gurican	8 hours	
E. I. Webb	1 hour	
	11 hours	TOTAL MAN - 11 hours

BURNING:

Lt. E. G. Addeo	2 hours	
J. S. Gurican	4 hours	
E. I. Webb	4 hours	
	10 hours	TOTAL MAN - 10 hours

CONVOYING:

J. S. Gurican	3 hours	
[illegible]	3 hours	
[illegible]	3 hours	
	9 hours	TOTAL MAN - 9 hours

Ex. 34 - 5154

GURICAN
00059

To: Captain R. J. Madden

From: Fireman J. S. Gurican

Subject: Monthly Report - August, 1960; Chemical Disposal Activities at Pibs, Inspections, Burning, Convoying, Etc.

2 September 1960

- -

GRAND TOTAL TIME CONSUMED - 30 hours

MATERIAL ON HAND AWAITING DISPOSAL:

Triethylborane - 150 pounds

J. S. GURICAN
Fireman
Santa Susana

JSG:mdh
cc: File :

Ex. 34 - 5155

ROCKETDYNE

INTER-OFFICE LETTERS ONLY

TO	Captain R.J. Madden	DEPARTMENT	552 - SanSu
FROM	Lieutenant E.G. Addeo	DEPARTMENT	552 - SanSu
PHONE	5520	DATE	6 July, 1961
SUBJECT	MONTHLY REPORT - JUNE; 1961; CHEMICAL DISPOSAL, ACTIVITIES AT PITS, INSPECTIONS BURNING, CONVOYING, ETC.		

The following is a resume of the fuels and chemicals disposed of, and the time consumed during various activities at the Chemical Disposal Pits:

CHEMICALS AND/OR FUELS DISPOSED OF:	AMOUNTS:	FROM WHICH TEST AREA:	DISPOSAL AUTHORIZED BY:
Mixed oxides	300 Pounds	SPA Area	Jack Heigel 596-305
Aqua Ammonia	60 Gallons	Photo Lab.	Jack Heigel 596-305

GRAND TOTAL GALLONS SPILLED = 60 Gallons
GRAND TOTAL POUNDS ~~DESTROYED~~ BLED OFF = 300 Pounds

The above material was inspected and authorized to be destroyed.

TIME CONSUMED:

INSPECTIONS:	Lt. E.G. Addeo	2 Hours	
	J.S. Gurican	4 Hours	TOTAL TIME = 6 Hours
SPILL TESTS [illegible]			
[redacted]	J.S. Gurican	3 Hours	
	E.I. Webb	3 Hours	
	E.G. Addeo	1 Hour	TOTAL TIME = 7 Hours
DRUM REMOVAL:	J.S. Gurican	3 Hours	
	E.I. Webb	3 Hours	TOTAL TIME = 6 Hours

GRAND TOTAL TIME CONSUMED ---------- 17 Hours

MATERIAL ON HAND AWAITING DISPOSAL.

Flushing oil	275 Gallons
Isopropal Alcohol	55 Gallons
RP -1	110 Gallons
RP-1 and Pentaborane	55 Gallons
Acetone and Pentaborane	55 Gallons
Hydraulic oil	55 Gallons
Boron Fuel	55 Gallons
Hydrazine and water	55 Gallons

Ex. 34 - 5156

FORM R 6-R-3

CAPTAIN R.J. MADDEN
Lieutenant E.G. Addeo
Monthly Report - June, 1961; Chemical Disposal, Activities at Pits, Inspections, Burning, Convoying Etc.

The Methyl cyclo hexane, 1045 gallons, 110 gallons of Tri-Chlor, and 220 gallons of Heptane, which was listed on the May disposal report awaiting disposal has been salvaged and sent to the Quick Mix area. R.D. Sheeline 591-367 stated that this material could be used for system check out.

MATERIAL ON HAND AWAITING DISPOSITION.
NONE.

Lieutenant E.G. Addeo

Ex. 34 - 5157

GURICAN
00062