NOTICE:

"BEST AVAILABLE COPY"

PORTIONS OF THE FOLLOWING DOCUMENT ARE ILLEGIBLE

The Administrative Record Staff

10646

CORRES CONTROL
OUTGOING LTR NO

93RF8311

DIST	TR	ENC
BENEDETTI R L	X	
BENJAMIN, A		
BERMAN H S		
BRANCH D B		
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OPP R D		
AVIS J G		
ERRERA D W		
ANNI B J		
ARMAN L K		
EALY J		
EDAHL T	X	
ILBIG, J G		
KIRBY W A		
UESTER A W		
EE E M		
MANN H P	X	
MARX G E		
DONALD M M		
KENNA, F G	X	
MONTROSS J K		
MORGAN R V		
OTTER G L	X	
IZZUTO V M		
RILEY J H		
ANDLIN N B		
HEPLER R L		
STEWART D L		
SULLIVAN M T		
WANSON E R		
WILKINSON R B		
WILLIAMS S (ORC)		
WILSON J M		
ZANE J O		
R V Morgan	X	
L Rainey	X	
L Schultz	X	
H Ketlak	X	
J. Zarrett	X	
M. Brunsvold	X	
D C Stain	X	
D Ward	X	
CORRES CONTROL	X	X
ADMIN RECORD		
TRAFFIC		

CLASSIFICATION

UCNI	X	X
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE

DATE 7/8/93

IN REPLY TO RFP CC NO

ACTION ITEM STATUS
☐ OPEN ☑ CLOSED
☐ PARTIAL

LTR APPROVALS

ORIG & TYPIST INITIALS
DC fm

EG&G ROCKY FLATS

EG&G ROCKY FLATS INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

July 7 1993

93 RF 8311

Michael S Karol
Facility Operations
DOE RFO

EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT SECTION 312 TIER II SUBMITTAL AMENDMENTS TO THE 1992 REPORT TGH-421 93

Enclosed are amendments to the TIER II submittal for 1992 These amendments add hydrochloric acid hydrogen peroxide sodium hydroxide and sodium hypochlorite to the list of hazardous substances that exceeded reporting thresholds in 1992 and adds Operable Unit #2 (T900D) to the list of storage locations for nitric and sulfuric acid Rocky Flats Plant (RFP) is responsible for ensuring that copies of these amendments are distributed to the Colorado Emergency Planning Commission Local Emergency Planning Committees of Jefferson and Boulder Counties and the RFP Fire Department

Changes to the TIER II report are necessitated by newly obtained information on chemical storage associated with ground water and surface water remediation in Operable Units #1 and #2 This information was inadvertently omitted from the TIER II report submitted earlier on February 24 1993 A revised Form R was submitted to your offices on June 29 1993 also as a result of this new information

The EPCRA compliance program at RFP continues to evolve towards improved reporting of chemical storage and use As necessary we will exercise existing regulatory provision to update TIERII and Form R reports should additional new information become available in the future

If you have any questions regarding amendments to the TIER II report for 1992 please contact D B Costain of the Chemical Tracking and Control System Division at extension 8528

T G Hedahl Associate General Manager
Environmental and Waste Management

DBC fm

Orig and 1 cc M S Karol

Enclosure
As Stated (1)

cc
C M Franklin DOE RFO

ADMIN RECORD

Revised 1990

1 6

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Type of Filing by Chemical

Facility Identification

Name: EG&G Rocky Flats Inc
Street: Section 2 Range 70W Township 2S
City: Golden County: Jefferson State: CO Zip: 80402

SIC Code: 3489 Dun & Bradstreet Number: 60 653 4092

Owner/Operator

Name: EG&G Rocky Flats, Inc. Phone: (303) 966-7000
P.O. Box 464, Golden, CO 80402-0464

Emergency Contact

Shift Superintendent Same
(303) 966-2914 (303) 966-2914

Name: Phone: ( ) Title: ( )

Important: Read all instructions before completing form

Reporting Period: January 1 to December 92

☐ Check if this section is blank or if it is the same as last year

Chemical Description	Physical and Health Hazards	Inventory	Container Type	Temperature	Pressure	Storage Codes and Locations (Confidential) Location: BLDG / ROOM	Optional
CAS 7647-01-0 Trade Secret ☐ Chemical Name: Hydrochloric Acid Check all that apply: Pure ☒ Mixture ☐ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	☐ Fire ☐ Sudden release of pressure ☐ Reactive ☒ Immediate (acute) ☒ Delayed (chronic)	Maximum Daily Amount Average Daily Amount Number of Days On Site	C M M M M	4 4 4 4 4	1 1 1 1 1	891 881/137 276 272 127 227 139 766 255 444/204,212A,245,109B 123/103A,125,156,112,103 779/131 150 222 234 137 135 14	☐
CAS ☐ Trade Secret ☐ Chemical Name: Hydrochloric Acid cont Check all that apply: Pure ☐ Mixture ☐ Solid ☐ Liquid ☐ Gas ☐ EHS ☐ EHS Name:	☐ Fire ☐ Sudden release of pressure ☐ Reactive ☐ Immediate (acute) ☐ Delayed (chronic)	Maximum Daily Amount Average Daily Amount Number of Days On Site	M M N M M	4 4 4 4 4	1 1 1 1 1	551 T8910 T891R 1891M 559/101,103,129,101D 129B 102 103E 103S	☐
CAS ☐ Trade Secret ☐ Chemical Name: Hydrochloric cont Check all that apply: Pure ☐ Mixture ☐ Solid ☐ Liquid ☐ Gas ☐ EHS ☐ EHS Name:	☐ Fire ☐ Sudden release of pressure ☐ Reactive ☐ Immediate (acute) ☐ Delayed (chronic)	Maximum Daily Amount Average Daily Amount Number of Days On Site (days)	N M N M M N			991/110 865/106,144 371/3408 3412 374/Chem Prep, 3805 705/100 701/101,107	☐

Certification (Read before signing)

Total Tier Two

Revised J 1990

Form No 2 6 0 0 N 2)

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Spec ✓ if ... by Ch ...

Facility Identification

N ... EG&G Rocky Flats, Inc.
Section 2 Range 70W Township 2S
C Golden C Jefferson CO 80402

SIC Cod 3489 ... 60 658 4097

(MI A ... ID ...
... Date Received

Owner/Operator N

N ... EG&G Rocky Flats, Inc (303) 966-7000
P. O. Box 464, Golden, CO 80402-0464

Emergency Contact

Shift Superintendent ... Same
Ph (303) 966-2914 2 Ph ( )
N ... Title ...
Phone ( ) 2 Phone ( )

Chemical Description	Physical/Health Hazards	Inventory	Pressure	Storage Code and Location	Optional
Check all that apply: Pure, Mi, Solid, Liquid, Gas, EHS	Fire; Sudden release of pressure; Reactive (acute); Delayed (chronic)	Maximum Daily Amount; Average Daily Amount		1 701/101 1 371/3305 1 T771F 1 771/247 159 164 154 180D 180F 1 111/Hope E 1 440/108	
CAS ... Trade Secret Chem Name Hydrochloric Acid cont Check all that apply: Pure, Mi, Solid, Liquid, Gas, EHS EHS No	Sudden release of pressure; Reactive (acute); Delayed (chronic)	Maximum Daily Amount; Average Daily Amount		1 460 1 774/322 1 750 Pad 1 T900D 1 T891N 1 776/159	
CAS ... Trade Secret Chem Name Hydrochloric Acid Check all that apply: P, M, Solid, Liquid, Gas, EHS EHS No	Fire; Sudden release of pressure; Reactive (acute); Delayed (chronic)	Maximum Daily Amount; Average Daily Amount (100 lb); Number of Days (Daily Amount)		1 778/110	

Certification (Read ... Signature)

Revised Ju 1990

Pg 3 of 6
For Ap ov OMB N 205 00

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Spe f Inf mat by Ch mi al

Facility Identification

Name: EG&G Rocky Flats, Inc
Street: Section 2, Range 70W, Township 2S
City: Golden County: Jefferson CO Zip: 80402
SIC Code: 3489 Dun & Bradstreet Number: 60 658 4092

FOR OFFICIAL USE ONLY
Date Received

Owner/Operator Name

Name: EG&G Rocky Flats Inc Phone: (303 966-7000
Mailing: P O Box 464 Golden CO 80402-0464

Emergency Contact

Name: Shift Superintendent Title: Same
Phone: (303)966-2914 24 Hr Phone: (303)966-2914
Name: Title:
Phone: ( ) 24 Hr Phone: ( )

I ... Read all instructions before completing ... Reporting Period ... 92 ☐ Check if information below is identical to the information submitted last year

Chemical Description	Physical and Health Hazards (Mark all apply)	Inventory	Storage Codes and Locations (Non Confidential)	Optional
CAS 7722841 Trade Secret ☐ Chem Name: Hydrogen Peroxide Check all that apply: Pure [X] Mi ☐ Solid ☐ Liquid [X] Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max Daily Amount (code) Avg Daily Amount (code) No. of Days On-site (days)	1 881/127 137 272 1 771/247 Corr J 1 444/109B,204,212A,245 1 991/109,110 1 123/103A 125 156 1 122/119	☐
CAS Trade Secret ☐ Chem Name: Hydrogen Peroxide cont. Check all that apply: Pure ☐ Mi ☐ Solid ☐ Liquid ☐ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic) ☐	Max Daily Amount (code) Avg Daily Amount (code) No. of Days On-site (days)	N 4 1 T452F N 4 1 559/101D, 102 N 4 1 865/101 144 N 4 1 771/155A N 4 1 T771F N 4 1 777/416A	☐
CAS Trade Secret ☐ Chem Name: Hydrogen Peroxide cont Check all that apply: Pure ☐ Mi ☐ Solid ☐ Liquid ☐ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic) ☐	Max Daily Amount (code) Avg Daily Amount (code) No. of Days On-site (days)	N 4 1 783 N 4 1 779/139,141B N 4 1 703 C 4 1 891	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ... and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Optional Attachments

Revised Ju o 1990

Pg 4 of 6
For Ag ov OMB N 2 50 0 2

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Spe f
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by Ch mu al

Facility Identification

Name: EG&G Rocky Flats Inc
S eet: Section 2 Range 70W Township 2S
City: Golden County: Jefferson CO Zip: 80402
SIC Cod: 3489 Du & Bred Number: 60 658 4092

FOR OFFICIAL USE ONLY
ID #
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Owner/Operator Nam

N e: EG&G Rocky Flats Inc Phon: (303) 966-7000
M A A ss: P O Box 464, Golden CO 80402-0464

Emergency Contact

N e: Shift Superintendent Tl e: Same
Phone: (303) 966-2914 24 H Phone: (303) 966-2914
Name: Tl e:
Phone: ( ) 24 H Phone: ( )

Important Read all instructions before completing form

R portl g Period From January 1 to December 31 1 ✓

[ ] [illegible]

Chemical Description	Physical and Health Hazards (Check all applicable)	Inventory	Storage Codes and Location (Non Confidential)	Optional
CAS 1310713 2; Trade Secret [ ] Chem Name: Sodium Hydroxide Check all that apply: [X] Pure [ ] Mi [X] Solid [ ] Liquid [ ] Gas [ ] EHS EHS Name:	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	[ ] Max Daily Amount (code) [ ] Avg Daily Amount (code) [ ] No. of Days On-site (days)	N 4 1 701/101 I 4 1 444/204 245C N 4 1 123/103,112,125 127 N 4 1 371/3408 3412 K 4 1 776/135	[ ]
CAS [ ]; Trade Secret [ ] Chem Name: Sodium Hydroxide cont Check all that apply: [ ] Pure [ ] Mi [ ] Solid [ ] Liquid [ ] Gas [ ] EHS EHS Name:	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	[ ] Max Daily Amount (code) [ ] Avg Daily Amount (code) [ ] No. of Days On-site (days)	N 4 1 865/106,145 E 4 1 865/151 N 4 1 991/110 N 4 1 779/137 140 126 234 223 222 131 155 N 4 1 559/102 103	[ ]
CAS [ ]; Trade Secret [ ] Chem Name: Sodium Hydroxide cont Check all that apply: [ ] Pure [ ] Mi [ ] Solid [ ] Liquid [ ] Gas [ ] EHS EHS Name:	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	[ ] Max Daily Amount (code) [ ] Avg Daily Amount (code) [ ] No. of Days On-site (days)	N 4 1 771/154,158,162,164 N 4 1 T771F M 4 1 705/100 N 4 1 T452F N 4 1 777/415 E 4 1 774/220	[ ]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through [illegible] and that based on my inquiry of those individuals responsible for obtaining the information, I believe the submitted information is true, accurate and complete.

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Revised Ju o 1990

Pg 5 of 6

For Approved OMB N 2050 00 7

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Spre ‘ f
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Facility Identification

N me EG&G Rocky Flats, Inc.
S eet Section 2, Range 70W, Township 2S
City Golden Count Jefferson CO Zip 80402

SIC Cod

Du & B Number

FOR OFFICIAL USE ONLY

Owner/Operator Name

N e EG&G Rocky Flats, Inc. Pho e (303) 966-7000
M k . P. O Box 464, Golden, CO 80402-0464

Emergency Contact

N e Shift Superintendent Tle Same
Phone (303)966-2914 24 Hr Pho on (303) 966-2914

Name Title
Phone ( ) 24 Hr Phon ( )

Check if information below is identical to the information submitted last year

Chemical Description	Physical and Health Hazards	Inventory	Storage Codes and Location (Non Confidential)	Optional
CAS Trade Secret Chem Name Sodium Hydroxide cont Check all that apply: Pure Mix Solid Liquid Gas EHS EHS Name	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	Max Daily Amount Avg Daily Amount No of Days On site (days)	Storage Codes: D 4 1; N 4 1; N 4 1; N 4 1; N 4 1; C 4 1 Location: 124 001; T891O; T891M; T891R; T891D; 891	☐
CAS Trade Secret Chem Name Check all that apply: Pure Mix Solid Liquid Gas EHS EHS Name	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	Max Daily Amount (code) Avg Daily Amount (code) No of Days On site (days)		☐
CAS Trade Secret Chem Name Check all that apply: Pure Mix Solid Liquid Gas EHS EHS Name	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	Max Daily Amount (code) Avg Daily Amount (code) No of Days On site (days)		☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attachments and that based on my inquiry of those individuals responsible for obtaining the information I believe the submitted information is true, accurate and complete.

Name and official title (owner/operator or authorized representative) Signature Date signed

Optional Attachments

Revised Ju o 1990

Pg 6 of 6
For Approved OMB No 20 00 2

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Spre sh
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Facility Identification

Name: EG&G Rocky Flats, Inc
Street: Section 2, Range 70W, Township 2S
City: Golden County: Jefferson, CO Zip: 80402
SIC Code: 3489 Dun & Bradstreet Number: 60 658 4092

FOR OFFICIAL USE ONLY
ID #
Date Received

Owner/Operator Name

Name: EG&G Rocky Flats Inc Phone: ( )
Mailing Address: P O Box 464 Golden CO 80402-0464

Emergency Contact

Name: Shift Superintendent Title: Same
Phone: (303) 966-2914 24Hr Phone: (303) 966-2914
Name: Title:
Phone: ( ) 24Hr Phone: ( )

Reporting Period: From January 1 to December 31 1 12

Chemical Description	Physical and Health Hazard	Inventory	Storage Codes and Location (Non Confidential)	Optional
CAS [illegible] Trade Secret ☐ Chem Name: Sodium Hypochlorite Check all that apply: Pure [X] Mix [ ] Solid [ ] Liquid [X] Gas [ ] EHS [ ] EHS Name:	Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [X]	Max Daily Amount (code) Avg Daily Amount (code) No. of Days On site (days)	Container Type / Temperature / Pressure N 4 1 371/3408,3412 E 4 1 444/110 E 4 1 447/501 N 4 1 559/103 129 N 4 1 771/129 156A 187 N 4 1 881/276	☐
CAS [illegible] Trade Secret ☐ Chem Name: Sodium Hypochlorite cont Check all that apply: Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS [ ] EHS Name:	Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic) [ ]	Max Daily Amount (code) Avg Daily Amount (code) No. of Days On site (days)	N 4 1 779/137 N 4 1 551 E 4 1 T900D N 4 1 701	☐
CAS [illegible] Trade Secret ☐ Chem Name: Check all that apply: Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS [ ] EHS Name:	Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic) [ ]	Max Daily Amount (code) Avg Daily Amount (code) No. of Days On site (days)		☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner/operator or owner/operator's authorized representative

Signature Date signed

Optional Attachments

11 13 1990 15 28

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specify if not by Chemical

Facility Identification

Name: EG&G Rocky Flats, Inc
Street: Section 2, Range 70W, Township 2S
City: Golden County: Jefferson State: CO Zip: 80402

SIC Code: 3489 Dun & Bradstreet Number: 60 658 4092

ID
Date Received

Owner/Operator Name

Name: EG&G Rocky Flats, Inc (303)966 7000
Mailing Address: P O Box 464, Golden, CO 80402 0464

Emergency Contact

Name: Shift Superintendent Title: Same
Phone: (303) 966-2914 24 Hr Phone: (303) 966 2914

Name: Title:
Phone: ( ) 24 Hr Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1990

☐ Check this box if you have blanked out any fields

Chemical Description / Hazard / Inventory / Storage Codes and Locations (Attach additional if needed)

CAS	Trade Secret	Chemical Name	Pure	Mix	Solid	Liquid	Gas	EHS	Physical Hazard	Reactivity	Immediate (acute)	Delayed (chronic)	Inventory	Temperature	Pressure	Storage Codes and Locations (Attach additional if needed)	Optional
		Nitric acid (continued)														Bldg/Room	
														M	4	1	881/127hall,137,139,227 255
														M	4	1	881/266/272 276,317
														M	4	1	885
														N	4	1	771/
														M	4	1	991/110
														M	4	1	705/100
		Nitric acid (continued)												M	4	1	776/159,159 8, 159A2
														M	4	1	777/415, 771J
														N	4	1	771/154, 164
														N	4	1	779
														L	4	1	779/220
														N	4	1	881/
		Nitric acid (continued)												M	4	1	T771F
														N	4	1	776/134
														M	4	1	T771J
														E	4	1	T900D

Certification (Read, sign, and return instructions)

11 13 1990

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Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specify if no by Chemical

Facility Identification

Name: EG&G Rocky Flats, Inc
Street: Section 2, Range 70W, Township 2S
City: Golden County: Jefferson State: CO Zip: 80402

SIC Code: 3489 Dun & Bradstreet Number: 60 658 4092

Owner/Operator Name

Name: EG&G Rocky Flats, Inc (303)966 7000
Mail Address: P O Box 464, Golden, CO 80402 0464

Emergency Contact

Name: Shift Superintendent Title: Same
Phone: (303)966-2914 24 Hr Phone: (303)966 2914

Name: Title:
Phone: ( ) 24 Hr Phone: ( )

Important Read all instructions before completing form

Reporting Period From January 1 December 31 92

Revised Report

Chemical Description

CAS: Trade Secret:
Chem Name: Sulfuric acid (continued)
Check all that apply: Pure Mix Solid Liquid Gas EHS
EHS Name:

Physical and Health Hazards: Fire; Sudden Release of Pressure; Reactivity; Immediate (acute); Delayed (chronic)

Maximum Daily Amount

Average Daily Amount

Number of Days

Storage Codes and Locations (Attach additional if needed)

Temperature

Confidential

72,276,227

		1	Gas Trailer
		1	T771F/-
		1	703/-
M	4	1	776/159 8
M	4	1	777/415
N	4	1	777/415
M	4	1	783/-
N	4	1	783/-
E	4	1	T900D

CAS: Trade Secret:
Chem Name: Sulfuric acid (continued)
Check all that apply: Pure Mix Solid Liquid Gas EHS
EHS Name:

Physical and Health Hazards: Fire; Sudden Release of Pressure; Reactivity; Immediate (acute); Delayed (chronic)

CAS: Trade Secret:
Chem Name:
Check all that apply: Pure Mix Solid Liquid Gas EHS
EHS Name:

Physical and Health Hazards: Fire; Sudden Release of Pressure; Reactivity; Immediate (acute); Delayed (chronic)

Maximum Daily Amount

Certification (Read, sign, date, and return all pages)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner/Operator