

NF-104
126771

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for
Niagara Falls Storage Site





126771

95-085

Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831— 8723

February 27, 1995

New York State Department of Environmental Conservation
Division of Hazardous Substances Regulation
Technical Services Section
Room 438
Albany, New York 12233-7250

Dear Sir:

COLONIE INTERIM STORAGE SITE AND NIAGARA FALLS STORAGE SITE- 1994 ANNUAL HAZARDOUS WASTE REPORTS

Enclosed are the 1994 Annual Hazardous Waste Reports for the Colonie Interim Storage Site (CISS), EPA Identification Number NYD002084721 and Niagara Falls Storage Site (NFSS), EPA Identification Number NYG000040259.

The 1994 Hazardous Waste forms that are relevant to activities at CISS and NFSS are attached for your information. The relevant forms include Form IC (Identification and Certification), Form GM (Waste Generation and Management), and Form PS (Waste Treatment, Disposal or Recycling Process Systems).

Also enclosed is the 1994 Hazardous Waste Regulatory Fee Information Form for CISS. Since NFSS is considered a "Conditionally Exempt Small Quantity Generator", Form IC is the only form required for the site.

If you have any questions, please contact Ron Kirk at (615) 576-7477.

Sincerely,

A handwritten signature in cursive script, reading "Lester K. Price".

Lester K. Price, Director
Former Sites Restoration Division

Enclosures

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
50 WOLF ROAD ALBANY, NEW YORK 12233-7250

1994 Hazardous Waste Regulatory Fee Information Form

NOTE: PLEASE CAREFULLY READ THE INSTRUCTIONS BEFORE COMPLETING THIS FORM

NAME OF GENERATOR OR TSD FACILITY Colonie Interim Storage Site (CISS)		EPA I.D. 1111010120847211	
FACILITY MAILING ADDRESS P.O. Box 5169			
CITY Albany	STATE NY	ZIP 112205-011691	
LOCATION OF GENERATOR OR FACILITY (if different from above) 1130 Central Avenue			
CITY Colonie	STATE NY	ZIP 112205-1111	

AT LEAST ONE BLOCK MUST BE CHECKED

☐ GENERATOR ONLY ☐ TREATMENT, STORAGE, DISPOSAL (TSD) FACILITY ONLY ☒ GENERATOR AND TSD (See definitions)

1. Summarize all hazardous nonwastewater totals, in tons, from GM, Section II, Box B of the Hazardous Waste Report.
DO NOT include waste that is exempt from fees (SEE INSTRUCTIONS)

TOTAL HAZARDOUS NON WASTEWATER 20.9 Tons

2. Summarize the total hazardous wastewater generated, including hazardous wastewater treated in on-site systems. (SEE INSTRUCTIONS)

TOTAL HAZARDOUS WASTEWATER 0 Tons

COMPLETE THIS SECTION ONLY IF YOUR FACILITY IS A RCRA REGULATED TSD

1. Please check all special process units

☐ Hazardous Waste Landfill
☐ Hazardous Waste Incinerator How many? ☐
☐ Hazardous Waste Surface Impoundment

2. Please summarize all WR, Box E and convert the total to tons.

TOTAL HAZARDOUS WASTE RECEIVED FROM OFF-SITE 0 Tons

3. FOR RCRA REGULATED TSD PROCESS UNITS: When Section 1, Box E "Origin Code" is 1, 2, 3 or 5, summarize all totals in GM, Section II, "On-Site System 1" and "On-Site System 2" and all totals in GM, Section III, Box E, "Site 1" and "Site 2". Convert the totals to tons.

TOTAL HAZARDOUS WASTE MANAGED THROUGH RCRA REGULATED TSD UNITS 21.7 Tons

4. Amount of hazardous waste stored on-site on December 31, 1994, in tons 2.6 Tons

5. Is your facility under post closure care? ☐ Yes ☒ No

I certify that the information in this form accurately represents the hazardous waste activities at this site during 1994. This activity (ies) may be subject to regulatory fees.

Name Lester K. Price *Richard R. Harbert	Title Director, U.S. DOE FSRD Program Manager, Bechtel National, Inc.
Signature (ORIGINAL ONLY - NO PHOTOCOPIES) <i>Lester K. Price</i>	Date: 2/27/95
Contact if other than above Ronald E. Kirk, Site Manager, U.S. DOE, FSRD	Telephone No. 615-576-7477

THIS FORM MUST BE COMPLETED AND RETURNED WITH THE HAZARDOUS WASTE REPORT

FOR OFFICIAL USE ONLY

N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

1994 HAZARDOUS WASTE REPORT



FORM
IC

IDENTIFICATION
AND
CERTIFICATION

SITE NAME Colonie Interim Storage Site (CISS)

EPA ID NO.

N	Y	D	0	0	2	0	8	4	7	2	1
---	---	---	---	---	---	---	---	---	---	---	---

INSTRUCTIONS:

Read the detailed instructions beginning on page 7 of the Hazardous Waste Report booklet before completing this form.

Sec
I

SITE NAME AND LOCATION ADDRESS - COMPLETE ITEMS A THROUGH H

A. EPA ID NO.

N	Y	D	0	0	2	0	8	4	7	2	1
---	---	---	---	---	---	---	---	---	---	---	---

B. County:

Albany

C. Site/company name:

Colonie Interim Storage Site, U.S. Dept of Energy

D. Has the site name associated with this

EPA ID No. changed since 1993?

☐ 1. Yes☒ 2. No

E. Street name and number. If not applicable, enter industrial park, building name or other physical location description:

1130 Central Avenue

F. City, town, village, etc.:

Colonie

G. State:

N.Y.

H. Zip Code:

112121015 - 1011619

Sec
II

MAILING ADDRESS OF SITE - Instructions, Page 7

A. Is the mailing address the same as the location address in "E" above?

☐ 1. Yes (skip to section III)☒ 2. No (go to box B)

B. Number and street of mailing address:

P.O. Box 5169

C. City, Town, Village, etc.:

Albany

D. State:

N.Y.

E. Zip Code:

112121015 - 1011619

Sec
III

NAME, TITLE AND TELEPHONE NUMBER OF PERSON WHO SHOULD BE CONTACTED
ABOUT THIS REPORT - Instructions, Page 7

A. Last name

Kirk

First name

Ronald

M.I.

E.

B. Title:

Site Manager

U.S. DOE,

FSRD

C. Telephone:

6115 576 - 7477

Area Code

Sec
IV

Enter the standard classification (SIC) code that describes the principal products or group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one code only if no one industry description includes the combined activities of the site. Instruction Page 7

A

9999

B

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C

--	--	--	--	--

D

--	--	--	--	--

Sec
V

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Last name

Price

*Harbert

First name

Lester

Richard

M.I.

K.

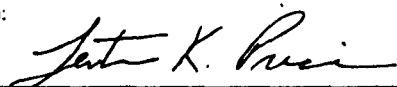
R.

B. Title:

Director, U.S. DOE, FSRD

Program Manager, Bechtel National, Inc.

C. Signature:




D. Date Signed:

0	2	2	7	2	5
Mo		Day		Year	

*Refer to Page 12 of 12, Explanatory Statement.

Page 1 of 12

Continue on reverse

Sec
VI

GENERATOR STATUS

A. 1994 RCRA generator status - Instructions, Page 8
(check one box below)

- ☐ 1. LQG ☐ 2. SOG ☐ 3. CESQG ☐ 4. Non generator (CONTINUE TO BOX B)
- (Skip to Sec VII)

B. Reason for not generating - Instructions, Page 9
(Check all that apply)

- ☐ 1. Never ☐ 5. Periodic or occasional generator
☐ 2. No longer in business ☐ 6. Waste minimization activity
☐ 3. Only excluded or delisted waste ☐ 7. Other (Specify in comments box)
☐ 4. Only non-hazardous

Sec
VII

ON-SITE WASTE MANAGEMENT STATUS

A. RCRA permitted or interim status storage:
Instructions, Page 9

3

B. RCRA permitted or interim status treatment,
disposal, or recycling: - Instructions, Page 10

3

C. RCRA-exempt treatment, disposal, or recycling:
Instructions, Page 11

1

Sec
VIII

WASTE REDUCTION ACTIVITY DURING 1993

A. Did this site begin or expand a source reduction
activity during 1994? - Instructions, Page 11

- ☐ 1. Yes
☒ 2. No

B. Did this site begin or expand a recycling activity
during 1994? - Instructions, Page 11

- ☐ 1. Yes
☒ 2. No

C. Did this site systematically investigate opportunities for
source reduction or recycling during 1994?
Instructions, Page 11

- ☐ 1. Yes
☒ 2. No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1994? - Instructions, Page 11
(YOU MUST CHECK YES OR NO FOR EACH ITEM)

Yes No

- ☐ 1 ☒ 2 a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
☐ 1 ☒ 2 b. Lack of technical information on source reduction techniques applicable to the specific production processes.
☐ 1 ☒ 2 c. Source reduction is not economically feasible; cost savings in waste management or production will not recover the capital investment.
☐ 1 ☒ 2 d. Concern that the product quality may decline as a result of source reduction.
☐ 1 ☒ 2 e. Technical limitations of the production processes.
☐ 1 ☒ 2 f. Permitting burdens.
☐ 1 ☒ 2 g. Source reduction previously implemented - additional reduction does not appear to be technically feasible.
☐ 1 ☒ 2 h. Source reduction previously implemented - additional reduction does not appear to be economically feasible.
☐ 1 ☒ 2 i. Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements.
☒ 1 ☐ 2 j. Other. (specify in comments box below)

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional onsite or offsite recycling activities in 1994? - Instructions, Page 12
(YOU MUST CHECK YES OR NO FOR EACH ITEM)

Yes No

- ☐ 1 ☒ 2 a. Insufficient capital to install new recycling equipment or implement new recycling practices.
☐ 1 ☒ 2 b. Lack of technical information about recycling techniques applicable to this site's specific production processes.
☐ 1 ☒ 2 c. Recycling is not economically feasible; cost savings in waste management or production will not recover the capital investment.
☐ 1 ☒ 2 d. Concern that product quality may decline as a result of recycling.
☐ 1 ☒ 2 e. Requirement to manifest wastes inhibit shipments off site for recycling.
☐ 1 ☒ 2 f. Financial liability provisions inhibit shipments off site for recycling.
☐ 1 ☒ 2 g. Technical limitations of production processes inhibit shipments off site for recycling.
☐ 1 ☒ 2 h. Technical limitations of production processes inhibit on site recycling.
☐ 1 ☒ 2 i. Permitting burdens inhibits recycling.
☐ 1 ☒ 2 j. Lack of permitted off site recycling facilities.
☐ 1 ☒ 2 k. Unable to identify a market for recyclable materials.
☐ 1 ☒ 2 l. Recycling previously implemented; additional recycling does not appear to be technically feasible.
☐ 1 ☒ 2 m. Recycling previously implemented; additional recycling does not appear to be economically feasible.
☐ 1 ☒ 2 n. Recycling previously implemented; additional recycling does not appear to be feasible due to permitting requirements.
☒ 1 ☐ 2 o. Other (specify in the comment box below)

COMMENTS:

SEC. VII. A,B - Storage and treatment of Hazardous Waste during 1994 were subject to the Requirements of the approved Final RCRA Closure Plan.

SEC. VIII. D,E - Generation of hazardous waste from production processes does not occur at the site. As Remedial Activities continue, waste minimization and recycling practices will be implemented to the extent possible and practicable.

**N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION**

WASTE GENERATION AND MANAGEMENT

N	Y	D	0	0	2	0	8	4	7	2	1
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**FORM
GM**

Read the detailed instructions beginning on page 13 of the Hazardous Waste Report booklet before completing this form.

Waste liquids with spent solvents, oils, and penetrant dye generated from past degreasing operations

1

3.

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 4.

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 5.

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☐ 1. Yes (continue to system 1)
☒ 2. No (Skip to Sec. III)

Quantity treated, disposed of, or recycled on site in 1994

☒ 1. Yes (continue to Box "B")
☐ 2. No (Skip to Sec. IV)

1 1 1 1 2 4 9 9 6 2

1 1 1 1 1 1 1 1 1 1

☐ 1. Yes (continue to Box "B")

☒ 2. No (This form is now complete)

Instr., Page 22

SEC. 1.D - The facility is nonoperating. Hazardous waste storage areas are being closed under a NYSDEC approved RCRA closure plan and the remainder of the site is being remediated under CERCLA.

SEC. 1.H - Waste liquids generated during past degreasing operations.

Site Name: Colonie Interim Storage Site (CISS)
EPA Id. No.: NYD 002 084 721

SEC. I.B.: D009, D010, D011, D018, D019, D022, D023, D024,
D025, D039, D040, U211, U226

N	Y	D		0	0	2		0	8	4		7	2	1
---	---	---	--	---	---	---	--	---	---	---	--	---	---	---



1994 HAZARDOUS WASTE REPORT

FORM
GM

WASTE GENERATION AND MANAGEMENT

Read the detailed instructions beginning on page 13 of the Hazardous Waste Report booklet before completing this form.

A. Waste description: - Instructions, Page 15

The four diagrams show different ways to connect four vertical lines with horizontal lines:

- Top-left: A single horizontal line connects all four vertical lines.
- Top-right: Two horizontal lines connect the first two vertical lines, and another two horizontal lines connect the last two vertical lines.
- Bottom-left: Two horizontal lines connect the first and second vertical lines, and another two horizontal lines connect the third and fourth vertical lines.
- Bottom-right: Two horizontal lines connect the first and third vertical lines, and another two horizontal lines connect the second and fourth vertical lines.

Age 15

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System type: M

ALL

L

B

U

1. | | | | | - | | - | | 2. | | | | | - | | - |

3. | | | | - | | - | | 4. | | | | - | | - | | 5. | | | | | | - | | - |

A. Quantity of Hazardous Waste generated in 1993:
Instructions, Page 18

U U U U U U U U . U

Density:

sewer/POTW? Instr.. Page 18

☐ 1. Yes (continue to system 1)
☐ 2. No (Skip to Sec. III)

PS Page Number 111

Quantity treated, disposed of, or recycled on site in 1994:

| M | 1 | 1 | 1 | | | | | | | 1 | 5 | 1 | 5 | . | 0 |

PS Page Number

Quantity treated, disposed of, or recycled on site in 1994

A. Was any of this waste shipped off site in 1994?
Instructions, Page 19

☐ 1. Yes (continue to Box "B")
☐ 2. No (Skip to Sec. IV)

B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

C. System type s
Instr., Page 20

D. Off-site available
Instr., Page 20

E. Total quantity shipped to this facility in 1994
Instr., Page 20

B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

C. System type s
Instr., Page 20

D. Off-site available
Instr., Page 20

E. Total quantity shipped to this facility in 1994

A. Did any new activities in 1994 result in reduction of this waste?
Instructions, Page 21

☐ 1. Yes (continue to Box "B")

☐ 2. No (This form is now complete)

W			W		
W			W		

Instr., Page 21

☐ 1. Yes

☐ 2. No

U U U

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Comments:

126771

**N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION**

1994 HAZARDOUS WASTE REPORT

**FORM
GM**

**WASTE GENERATION
AND
MANAGEMENT**

SITE NAME Colonie Interim Storage Site (CISS)

EPA ID NO.

N Y D 0 0 2 0 8 4 7 2 1

INSTRUCTIONS:

Read the detailed instructions beginning on page 13 of the Hazardous Waste Report booklet before completing this form.

Sec**I** A. Waste description: - Instructions, Page 15

Waste liquid generated during treatment of cyanide and electroplating wastes.

B. EPA hazardous waste code:
Instructions, Page 15

F10101 F10107

F10108 F10109

C. New York State hazardous waste code:
Instructions, Page 15

D. SIC code:
Page 16

3471

E. Origin Code:
Page 16

2

System type:

M

F. Source code:
Page 16

A64

G. Point of measurement:
Page 16

2

H. Form code:
Page 17

B1119

I. RCRA Radioactive-mixed:
Page 17

1

J. Reported TRI constituent:
Page 17

1

K. CAS numbers:
Page 17

1. - - 2. - -

3. - - 4. - - 5. - -

Sec

II A. Quantity of Hazardous Waste
generated in 1993:
Instructions, Page 18

3000

B. Quantity of Hazardous Waste generated
in 1994: - Instructions, Page 18

N/A

C. UOM:
Instr., Page 18

1

Density:

☐ 1. lbs/gal. ☐ 2. sg

D. Did this site treat on site, dispose of on
site, recycle on site, or discharge to a
sewer/POTW? Instr., Page 18

☐ 1. Yes (continue to system 1)

☒ 2. No (Skip to Sec. III)
ON-SITE SYSTEM 1

PS Page Number

On-site system type
Instr., Page 19

M

Quantity treated, disposed of, or recycled on site in 1994:

.

ON-SITE SYSTEM 2

PS Page Number

On-site system type:
Instr., Page 19

M

Quantity treated, disposed of, or recycled on site in 1994:

.

Sec

III A. Was any of this waste shipped off site in 1994?
Instructions, Page 19

☒ 1. Yes (continue to Box "B")

☐ 2. No (Skip to Sec. IV)

Site

B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

U T D 9 8 2 5 9 8 8 9 8

C. System type shipped to:
Instr., Page 20

M 1 3 2

D. Off-site availability code:
Instr., Page 20

1

E. Total quantity shipped to this facility in 1994:
Instr., Page 20

13101010

Site

B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

.

C. System type shipped to:
Instr., Page 20

M

D. Off-site availability code:
Instr., Page 20

.

E. Total quantity shipped to this facility in 1994:
Instr., Page 20

.

Sec

IV A. Did any new activities in 1994 result in reduction of this waste?
Instructions, Page 21

☐ 1. Yes (continue to Box "B")

☒ 2. No (This form is now complete)

B. Activity: - Instr., Page 21

W . . . W . . .

W . . . W . . .

C. Other effects ?
Instr., Page 21

☐ 1. Yes

☐ 2. No

D. Quantity recycled in 1994 due to new
activities: Instr., Page 21

.

E. Activity/production index:
Instr., Page 21

.

F. 1994 source reduction quantity:
Instr., Page 22

.

Comments:

SEC. 1.D - The facility is non operating. Hazardous waste storage areas are being closed under a NYSDEC approved closure plan and the remainder of the site is being remediated under CERCLA.

SEC. 1.H - Treated waste liquid solutions contains small amounts of calcium bi-carbonate, calcium chloride, sodium chloride, and metals

126771

N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

1994 HAZARDOUS WASTE REPORT

FORM
GMWASTE GENERATION
AND
MANAGEMENTSITE NAME Colonie Interim Storage Site (CISS)

EPA ID No.

N Y D 0 0 2 0 8 4 7 2 1

INSTRUCTIONS:

Read the detailed instructions beginning on page 13 of the Hazardous Waste Report booklet before completing this form.

Sec
I

A. Waste description: - Instructions, Page 15

Soiled personnel protective clothing generated during treatment of halogenated solvents and electroplating wastes.

B. EPA hazardous waste code:
Instructions, Page 15

F 0 0 1 F 0 0 7

F 0 0 8 F 0 0 9

C. New York State hazardous waste code:
Instructions, Page 15D. SIC code:
Page 16

3 4 7 1 1

E. Origin Code:
Page 16

2

System type:

M

F. Source code:
Page 16

A 6 4

G. Point of measurement:
Page 16

3

H. Form code:
Page 17

8 3 1 9

I. RCRA Radioactive-mixed:
Page 17

1

J. Reported TRI constituent:
Page 17

1

K. CAS numbers:
Page 17

1. - - - - -

2. - - - - -

3. - - - - -

4. - - - - -

5. - - - - -

Sec
IIA. Quantity of Hazardous Waste
generated in 1993:
Instructions, Page 18

2 2 0 . 0

B. Quantity of Hazardous Waste generated
in 1994: - Instructions, Page 18

6 4 8 0 . 0

C. UOM:
Instr., Page 18

1

☐ 1. lbs/gal. ☐ 2. sg

Density:

D. Did this site treat on site, dispose of on
site, recycle on site, or discharge to a
sewer/POTW? Instr., Page 18☐ 1. Yes (continue to system 1)
☒ 2. No (Skip to Sec. III)

ON-SITE SYSTEM 1

PS Page Number

On-site system type
Instr., Page 19

M

Quantity treated, disposed of, or recycled on site in 1994:

.

ON-SITE SYSTEM 2

PS Page Number

On-site system type:
Instr., Page 19

M

Quantity treated, disposed of, or recycled on site in 1994:

.

Sec
IIIA. Was any of this waste shipped off site in 1994?
Instructions, Page 19☐ 1. Yes (continue to Box "B")☐ 2. No (Skip to Sec. IV)Site
1B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

U T D 9 8 2 5 9 8 8 9 8

C. System type shipped to:
Instr., Page 20

M 1 3 2

D. Off-site availability code:
Instr., Page 20

1

E. Total quantity shipped to this facility in 1994
Instr., Page 20

6 7 0 0 . 0

Site
2B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

.

C. System type shipped to:
Instr., Page 20

M

D. Off-site availability code:
Instr., Page 20

.

E. Total quantity shipped to this facility in 1994
Instr., Page 20

.

Sec
IVA. Did any new activities in 1994 result in reduction of this waste?
Instructions, Page 21☐ 1. Yes (continue to Box "B")☒ 2. No (This form is now complete)

B. Activity: - Instr., Page 21

W . . . W . . .

W . . . W . . .

C. Other effects?
Instr., Page 21☐ 1. Yes☐ 2. NoD. Quantity recycled in 1994 due to new
activities: Instr., Page 21

.

E. Activity/production index:
Instr., Page 21

.

F. 1994 source reduction quantity:
Instr., Page 22

.

Comments:

SEC. 1.D - The facility is non operating. Hazardous waste storage areas are being closed under a NYSDCE approved RCRA closure plan and the remainder of the site is being closed under CERCLA.

SEC. 1.H - Impermeable fabric used to make personnel protective clothing.

126771
N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

1994 HAZARDOUS WASTE REPORT

WASTE GENERATION
AND
MANAGEMENT

FORM
GM

SITE NAME Colonie Interim Storage Site (CISS)

EPA ID NO. N Y D 0 0 2 0 8 4 7 2 1

INSTRUCTIONS:

Read the detailed instructions beginning on page 13 of the Hazardous Waste Report booklet before completing this form.

Sec I A. Waste description: - Instructions, Page 15

Sludges generated from oil screening operations and secondary wastes.

B. EPA hazardous waste code:
Instructions, Page 15

F 0 0 2 F 0 0 8

C. New York State hazardous waste code:
Instructions, Page 15

D. SIC code:
Page 16

134711

E. Origin Code:
Page 16

2

F. Source code:
Page 16

A 6 4

G. Point of measurement:
Page 16

3

H. Form code:
Page 17

B 6 0 1 1

I. RCRA Radioactive- mixed:
Page 17

1

J. Reported TRI constituent:
Page 17

1

K. CAS numbers:
Page 17

1. - - 2. - -
3. - - 4. - - 5. - -

Sec II A. Quantity of Hazardous Waste
generated in 1993:
Instructions, Page 18

 N A .

B. Quantity of Hazardous Waste generated
in 1994: - Instructions, Page 18

 5 5 0 0 . 0

C. UOM:
Instr., Page 18

1 .
☐ 1. lbs/gal. ☐ 2. eg

D. Did this site treat on site, dispose of on
site, recycle on site, or discharge to a
sewer/POTW? Instr., Page 18

☒ 1. Yes (continue to system 1)
☐ 2. No (Skip to Sec. III)

ON-SITE SYSTEM 1

PS Page Number 8

On-site system type
Instr., Page 19

M 0 7 5

Quantity treated, disposed of, or recycled on site in 1994:

 4 2 0 . 0

ON-SITE SYSTEM 2

PS Page Number 11

On-site system type:
Instr., Page 19

M 1 1 1

Quantity treated, disposed of, or recycled on site in 1994:

 8 0 0 .

Sec III A. Was any of this waste shipped off site in 1994?
Instructions, Page 19

☐ 1. Yes (continue to Box "B")
☒ 2. No (Skip to Sec. IV)

Site 1 B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

C. System type shipped to
Instr., Page 20

M

D. Off-site availability code:
Instr., Page 20

E. Total quantity shipped to this facility in 1994:
Instr., Page 20

Site 2 B. EPA ID Number of facility to which waste was shipped:
Instr., Page 20

C. System type shipped to
Instr., Page 20

M

D. Off-site availability code:
Instr., Page 20

E. Total quantity shipped to this facility in 1994:
Instr., Page 20

Sec IV A. Did any new activities in 1994 result in reduction of this waste?
Instructions, Page 21

☐ 1. Yes (continue to Box "B")
☒ 2. No (This form is now complete)

B. Activity: - Instr., Page 21

W W
W W

C. Other effects? Instr., Page 21

☐ 1. Yes
☐ 2. No

D. Quantity recycled in 1994 due to new
activities: Instr., Page 21

E. Activity/production index:
Instr., Page 21

F. 1994 source reduction quantity:
Instr., Page 22

Comments:

SEC. 1.D - The facility is non operating. Hazardous waste storage areas are being closed under a NYSDEC approved RCRA closure plan and the remainder of the site is being closed under CERCLA.

126771

SITE NAME Colonie Interim Storage Site (CISS)

N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

1994 HAZARDOUS WASTE REPORT

WASTE TREATMENT,
DISPOSAL OR RECYCLING
PROCESS SYSTEMS

EPA ID NO.

N Y D 0 0 2 0 8 4 7 2 1

FORM
PS

INSTRUCTIONS:

Read the detailed instructions beginning on page 31 of the Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste treatment, disposal or recycling system description - Instructions, Page 35

Hydrogen peroxide oxidation of organic halides in combination with collection of off-gases by carbon adsorption.

B. System type
Instructions, Page 35

M 0 7 1 5

C. Regulatory status
Instructions, Page 35

0 1

D. Operational status
Instructions, Page 36

0 1 3

E. Unit types
Instructions, Page 36

0 1 2

Sec. II A. 1994 influent quantity - Instructions, Page 37

UOM Density

Total 4 2 0 . 0 2

RCRA 4 2 0 . 0 ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 7

B. Maximum operational capacity
Instructions, Page 38

Total 4 2 0 . 0

RCRA 4 2 0 . 0

C. 1994 liquid effluent quantity Instructions, Page 38

UOM Density

Total 8 0 0 . 1

RCRA 8 0 0 . ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 7

D. 1994 solid/sludge quantity Instructions, Page 39

UOM Density

Total

RCRA ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages

E. Limitation on maximum operational capacity:
Instructions, Page 40

1. 0 9 2. 3.

F. Commercial capacity availability code:
Instructions, Page 40

1

G. Percent of capacity commercially available.
Instructions, Page 40

0 %

Sec. III A. Do you plan a change in maximum operational capacity?
Instructions, Page 41

- ☐
1. Yes (continue to Box "B")
-
- ☒
2. No (This form is now complete)

B. New maximum operational capacity
Instructions, Page 41

UOM

Total

RCRA

C. Planned year of change
Instructions, Page 41

1 9

D. Future commercial capacity availability code:
Instructions, Page 41

1

E. Percent of future capacity will be commercially
available? Instructions, Page 42

0 %

Comments:

SEC. 1.C - Treatment was conducted as part of final RCRA closure activities.

SEC. 11A - A total of 45 gallons were treated using this system.

SEC. 11B - This is an estimated operational capacity.

FORM
PS

SITE NAME Colonie Interim Storage Site (CISS)

EPA ID NO.

NYD 002 084 721

INSTRUCTIONS:

Read the detailed instructions beginning on page 31 of the Hazardous Waste Report booklet before completing this form.

Sec.
I

A. Waste treatment, disposal or recycling system description - Instructions, Page 35

Nitric acid oxidation of organic halides in combination with collection of off-gases by carbon adsorption.

B. System type
Instructions, Page 35

M 0 7 15

C. Regulatory status
Instructions, Page 35

0 1

D. Operational status
Instructions, Page 36

0 13

E. Unit types
Instructions, Page 36

0 12

Sec.
II

A. 1994 influent quantity - Instructions, Page 37

UOM Density

Total 2 4 0 0 1

RCRA 2 4 0 0 1 lbs/gal. 2 Sg.

GM Pages 4

B. Maximum operational capacity
Instructions, Page 38

Total 2 4 0 0

RCRA 2 4 0 0

C. 1994 liquid effluent quantity Instructions, Page 38

UOM Density

Total 1 0 4 0 0 1

RCRA 1 0 4 0 0 1 lbs/gal. 2 Sg.

GM Pages 4

D. 1994 solid/sludge quantity Instructions, Page 39

UOM Density

Total

RCRA lbs/gal. 2 Sg.

GM Pages

E. Limitation on maximum operational capacity:
Instructions, Page 40

1. 0 9 2. 3.

F. Commercial capacity availability code:
Instructions, Page 40

1

G. Percent of capacity commercially available.
Instructions, Page 40

0 %

Sec.
III

A. Do you plan a change in maximum operational capacity?
Instructions, Page 41

- ☐
1. Yes (continue to Box "B")
-
- ☒
2. No (This form is now complete)

B. New maximum operational capacity
Instructions, Page 41

UOM

Total

RCRA

C. Planned year of change
Instructions, Page 41

1 9

D. Future commercial capacity availability code:
Instructions, Page 41

E. Percent of future capacity will be commercially
available? Instructions, Page 42

%

Comments:

SEC. 1.C - Treatment was conducted as part of final RCRA closure activities.
SEC. 11A - A total of 55 gallons were treated using this system.
SEC. 11B - This is an estimated operational capacity.

SITE NAME Colonie Interim Storage Site (CISS)

EPA ID NO.

N Y D 0 0 2 0 8 4 7 2 1



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N.Y.S. DEPARTMENT OF
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1994 HAZARDOUS WASTE REPORT

WASTE TREATMENT,
DISPOSAL OR RECYCLING
PROCESS SYSTEMS

FORM
PS

INSTRUCTIONS:

Read the detailed instructions beginning on page 31 of the Hazardous Waste Report booklet before completing this form.

Sec.

A. Waste treatment, disposal or recycling system description - Instructions, Page 35

I

Steam stripping and activated carbon adsorption of perchloroethene.

B. System type
Instructions, Page 35

M 0 8 1 3

C. Regulatory status
Instructions, Page 35

1 0 1 1

D. Operational status
Instructions, Page 36

1 0 1 3

E. Unit types
Instructions, Page 36

1 0 1 2 1 1

Sec.

A. 1994 influent quantity - Instructions, Page 37

II

UOM Density

Total 1 0 4 0 . 0 1 0 0 0

RCRA 1 0 4 0 . 0 ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 4

B. Maximum operational capacity
Instructions, Page 38

Total 1 0 4 0 . 0

RCRA 1 0 4 0 . 0

C. 1994 liquid effluent quantity Instructions, Page 38

UOM Density

Total 1 5 1 5 . 1 0 0 0

RCRA 1 5 1 5 . ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 4

D. 1994 solid/sludge quantity Instructions, Page 39

UOM Density

Total 1 5 1 5 . 1 0 0 0

RCRA 1 5 1 5 . ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 4

E. Limitation on maximum operational capacity:
Instructions, Page 40

1. 0 9 2. 1 1 3. 1 1

F. Commercial capacity availability code:
Instructions, Page 40

1

G. Percent of capacity commercially available.
Instructions, Page 40

1 0 %

Sec.

A. Do you plan a change in maximum operational capacity?
Instructions, Page 41

III

- ☐ 1. Yes (continue to Box "B")
☒ 2. No (This form is now complete)

B. New maximum operational capacity
Instructions, Page 41

Total 1 5 1 5 . 1 0 0 0

RCRA 1 5 1 5 .

C. Planned year of change
Instructions, Page 41

1 9

D. Future commercial capacity availability code:
Instructions, Page 41

1

E. Percent of future capacity will be commercially
available? Instructions, Page 42

1 0 %

Comments:

SEC. 1.C. - Treatment was conducted as part of final RCRA closure activities.
SEC. 11A - A total of 110 gallons were treated using this system.
SEC. 11B - This is an estimated operational capacity.

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N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
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1994 HAZARDOUS WASTE REPORT

WASTE TREATMENT,
DISPOSAL OR RECYCLING
PROCESS SYSTEMS

SITE NAME Colonie Interim Storage Site (CISS)

EPA ID NO.

N Y D 0 0 2 0 8 4 7 2 1

FORM
PS

INSTRUCTIONS:

Read the detailed instructions beginning on page 31 of the Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste treatment, disposal or recycling system description - Instructions, Page 35

Solidification of chemically treated wastes.

B. System type
Instructions, Page 35

M 1 1 1

C. Regulatory status
Instructions, Page 35

0 1

D. Operational status
Instructions, Page 36

0 3

E. Unit types
Instructions, Page 36

0 2

Sec. II A. 1994 influent quantity - Instructions, Page 37

UOM Density

Total 2 3 1 5 . 0 1

RCRA 2 3 1 5 . 0 ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 4, 7

B. Maximum operational capacity
Instructions, Page 38

Total 2 3 1 5 . 0

RCRA 2 3 1 5 . 0

C. 1994 liquid effluent quantity Instructions, Page 38

UOM Density

Total

RCRA ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages

D. 1994 solid/sludge quantity Instructions, Page 39

UOM Density

Total 1 0 1 0 0 . 0 1

RCRA 1 0 1 0 0 . 0 ☐ 1. lbs/gal. ☐ 2. Sg.

GM Pages 4, 7

E. Limitation on maximum operational capacity:
Instructions, Page 40

1. 0 9 2. 3.

F. Commercial capacity availability code:
Instructions, Page 40

1

G. Percent of capacity commercially available.
Instructions, Page 40

0 %

Sec. III A. Do you plan a change in maximum operational capacity?
Instructions, Page 41

- ☐ 1. Yes (continue to Box "B")
- ☒ 2. No (This form is now complete)

B. New maximum operational capacity
Instructions, Page 41

UOM

Total

RCRA

C. Planned year of change
Instructions, Page 41

1 9

D. Future commercial capacity availability code:
Instructions, Page 41

1

E. Percent of future capacity will be commercially
available? Instructions, Page 42

0 %

Comments:

SEC. 1.C - Treatment was conducted as part of final RCRA closure activities.

SEC. 11B - This is an estimated operational capacity.

Explanatory Statement

The Department of Energy has signed as "owner and operator" where applicable and Bechtel National, Inc. has signed as co-operator this application for the permitted facility or activity. The Department of Energy has determined that dual signatures best reflect the actual apportionment of responsibility under which the Department of Energy's responsibilities are for policy, programmatic, funding and scheduling decisions, as well as general oversight; and, the contractor's responsibilities for day-to-day operations (in accordance with general directions given by the Department of Energy as part of its general oversight responsibility), including but not limited to, the following responsibilities: waste analyses and handling, sampling, monitoring, record keeping, reporting, and contingency planning. For purposes of the certification required by 40 CFR Part 122.22(d) and 40 CFR Part 270.11(d), the Department of Energy's and Bechtel National, Inc.'s representatives certify, to the best of their knowledge and belief, the truth, accuracy and completeness of the application for their respective areas of responsibility.

SITE NAME Niagara Falls Storage Site (NFSS)N.Y.S. DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

1994 HAZARDOUS WASTE REPORT

EPA ID NO.

N	Y	G	0	0	0	0	4	0	2	5	9
---	---	---	---	---	---	---	---	---	---	---	---

FORM
ICIDENTIFICATION
AND
CERTIFICATION

INSTRUCTIONS:

Read the detailed instructions beginning on page 7 of the Hazardous Waste Report booklet before completing this form.

Sec
I

SITE NAME AND LOCATION ADDRESS - COMPLETE ITEMS A THROUGH H

A. EPA ID NO.

N	Y	G	0	0	0	0	4	0	2	5	9
---	---	---	---	---	---	---	---	---	---	---	---

B. County:

Niagara

C. Site/company name:

Niagara Falls Storage Site, U.S. DOE

D. Has the site name associated with this
EPA ID No. changed since 1993?
☐ 1. Yes
☒ 2. No

E. Street name and number. If not applicable, enter industrial park, building name or other physical location description:

1397 Pletcher Road

F. City, town, village, etc.:

Youngstown

G. State:

[N] [Y]

H. Zip Code:

[1] [4] [1] [7] [4] - [] [] [] []

Sec
II

MAILING ADDRESS OF SITE - Instructions, Page 7

A. Is the mailing address the same as the location address in "E" above?

☒ 1. Yes (skip to section III)
☐ 2. No (go to box B)

B. Number and street of mailing address:

C. City, Town, Village, etc.:

D. State:

E. Zip Code:

Sec
IIINAME, TITLE AND TELEPHONE NUMBER OF PERSON WHO SHOULD BE CONTACTED
ABOUT THIS REPORT - Instructions, Page 7

A. Last name

Kirk

First name

Ronald

M.I.

E.

B. Title:

Site Manager
U.S. DOE, FSRD

C. Telephone:

[6] [1] [5] [5] [7] [6] - [7] [4] [7] [7]

Area Code

Sec
IV

Enter the standard classification (SIC) code that describes the principal products or group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one code only if no one industry description includes the combined activities of the site. Instruction Page 7

A

[9] [9] [9] [9]

B

[] [] [] []

C

[] [] [] []

D

[] [] [] []

Sec
V

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Last name

Price
Harbert

First name

Lester
Richard

M.I.

K.
R.

B. Title:

Director, U.S. DOE, FSRD
Program Manager, Bechtel National, Inc.

C. Signature:

D. Date Signed:

10	21	95
Mo.	Day	Year

*Refer to Page 3 of 3, Explanatory Statement

Page 1 of 3

Continue on reverse

Sec
VI

GENERATOR STATUS

A. 1994 RCRA generator status - Instructions, Page 8
(check one box below)

- ☐ 1. LOG
- ☐ 2. SOG
- ☒ 3. CESOG (Skip to Sec VII)
- ☐ 4. Non generator (CONTINUE TO BOX B)

B. Reason for not generating - Instructions, Page 9
(Check all that apply)

- ☐ 1. Never
- ☐ 2. No longer in business
- ☐ 3. Only excluded or delisted waste
- ☐ 4. Only non-hazardous
- ☐ 5. Periodic or occasional generator
- ☐ 6. Waste minimization activity
- ☐ 7. Other (Specify in comments box)

Sec
VII

ON-SITE WASTE MANAGEMENT STATUS

A. RCRA permitted or interim status storage:
Instructions, Page 9

1

B. RCRA permitted or interim status treatment,
disposal, or recycling: - Instructions, Page 10

1

C. RCRA-exempt treatment, disposal, or recycling:
Instructions, Page 11

1

Sec
VIII

WASTE REDUCTION ACTIVITY DURING 1993

A. Did this site begin or expand a source reduction
activity during 1994? - Instructions, Page 11

- ☐ 1. Yes
- ☒ 2. No

B. Did this site begin or expand a recycling activity
during 1994? - Instructions, Page 11

- ☐ 1. Yes
- ☒ 2. No

C. Did this site systematically investigate opportunities for
source reduction or recycling during 1994?
Instructions, Page 11

- ☐ 1. Yes
- ☒ 2. No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1994? - Instructions, Page 11
(YOU MUST CHECK YES OR NO FOR EACH ITEM)

Yes No

- ☐ 1 ☒ 2 a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 1 ☒ 2 b. Lack of technical information on source reduction techniques applicable to the specific production processes.
- ☐ 1 ☒ 2 c. Source reduction is not economically feasible; cost savings in waste management or production will not recover the capital investment.
- ☐ 1 ☒ 2 d. Concern that the product quality may decline as a result of source reduction.
- ☐ 1 ☒ 2 e. Technical limitations of the production processes.
- ☐ 1 ☒ 2 f. Permitting burdens.
- ☐ 1 ☒ 2 g. Source reduction previously implemented - additional reduction does not appear to be technically feasible.
- ☐ 1 ☒ 2 h. Source reduction previously implemented - additional reduction does not appear to be economically feasible.
- ☐ 1 ☒ 2 i. Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements.
- ☒ 1 ☐ 2 j. Other (specify in comments box below)

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional onsite or offsite recycling activities in 1994? - Instructions, Page 12
(YOU MUST CHECK YES OR NO FOR EACH ITEM)

Yes No

Yes No

- ☐ 1 ☒ 2 a. Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ 1 ☒ 2 b. Lack of technical information about recycling techniques applicable to this site's specific production processes.
- ☐ 1 ☒ 2 c. Recycling is not economically feasible; cost savings in waste management or production will not recover the capital investment.
- ☐ 1 ☒ 2 d. Concern that product quality may decline as a result of recycling.
- ☐ 1 ☒ 2 e. Requirement to manifest wastes inhibit shipments off site for recycling.
- ☐ 1 ☒ 2 f. Financial liability provisions inhibit shipments off site for recycling.
- ☐ 1 ☒ 2 g. Technical limitations of production processes inhibit shipments off site for recycling.
- ☐ 1 ☒ 2 h. Technical limitations of production processes inhibit on site recycling.
- ☐ 1 ☒ 2 i. Permitting burdens inhibit recycling.
- ☐ 1 ☒ 2 j. Lack of permitted off site recycling facilities.
- ☐ 1 ☒ 2 k. Unable to identify a market for recyclable materials.
- ☐ 1 ☒ 2 l. Recycling previously implemented; additional recycling does not appear to be technically feasible.
- ☐ 1 ☒ 2 m. Recycling previously implemented; additional recycling does not appear to be economically feasible.
- ☐ 1 ☒ 2 n. Recycling previously implemented; additional recycling does not appear to be feasible due to permitting requirements.
- ☒ 1 ☐ 2 o. Other (specify in the comment box below)

COMMENTS:

Section VIII. D, E - Generation of hazardous waste from production processes does not occur at the site. Waste minimization and recycling practices will be implemented to the extent possible and practicable.

Explanatory Statement

The Department of Energy has signed as "owner and operator" where applicable and Bechtel National, Inc. has signed as co-operator this application for the permitted facility or activity. The Department of Energy has determined that dual signatures best reflect the actual apportionment of responsibility under which the Department of Energy's responsibilities are for policy, programmatic, funding and scheduling decisions, as well as general oversight; and, the contractor's responsibilities for day-to-day operations (in accordance with general directions given by the Department of Energy as part of its general oversight responsibility), including but not limited to, the following responsibilities: waste analyses and handling, sampling, monitoring, record keeping, reporting, and contingency planning. For purposes of the certification required by 40 CFR Part 122.22(d) and 40 CFR Part 270.11(d), the Department of Energy's and Bechtel National, Inc.'s representatives certify, to the best of their knowledge and belief, the truth, accuracy and completeness of the application for their respective areas of responsibility.