



Department of Energy
National Nuclear Security Administration
 Albuquerque Operations Office
 Office of Kirtland Site Operations
 P.O. Box 5400
 Albuquerque, New Mexico 87185-5400

JAN 31 2002

CERTIFIED MAIL - RETURN RECEIPT REQUESTED



Mr. James P. Bearzi, Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Road, Building E
 Santa Fe, NM 87505

Subject: General Part A Permit Request
 US Department of Energy / Sandia Corporation / Sandia National Laboratories/ New Mexico EPA ID No. NM5890110518

Dear Mr. Bearzi:

The US Department of Energy (DOE) and Sandia Corporation (Sandia) are submitting to the New Mexico Environment Division (NMED) the enclosed General Part A Permit Request (EPA Form 8700-23) for waste management activities regulated under New Mexico Hazardous Waste Act and the Resource Conservation and Recovery Act (RCRA) at Sandia National Laboratories/New Mexico (SNL/NM).

This request is submitted in accordance with Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1 (20 NMAC 4.1) Subpart IX (Code of Federal Regulations Title 40, Section 272.72[a][2][i]) for changes under interim status. The updated general Part A permit request is necessary because DOE/Sandia plan to use a portion of an existing building, the Auxiliary Hot Cell Facility (AHCf) in Building 6597 for storage and treatment of RCRA-regulated wastes.

At the present time, DOE/Sandia do not have the capacity to manage a portion of the RCRA-regulated wastes currently stored at SNL/NM. These wastes are subject to the Federal Facilities Compliance Order (FFCO) between NMED, DOE, and Sandia, and they must be managed in a timely and compliant manner in order for DOE/Sandia to meet the milestones set forth in the DOE/SNL Site Treatment Plan for Mixed Waste, Compliance Plan Volume, of the FFCO. These RCRA-regulated wastes do not meet the Waste Acceptance Criteria for the Radioactive and

SNL 1068



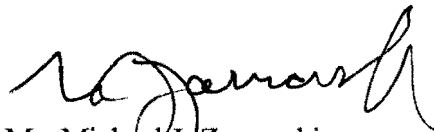
HSWA SNL G/P/02

Mixed Waste Management Facility or the High Bay Waste Storage Facility; thus they cannot be fully characterized, treated, or prepared for shipment to an off-site disposal facility.

The AHCF is located in an area called the high bay at the northern end of Building 6597 in SNL/NM Tech Area V. RCRA-regulated wastes to be stored and/or treated at the AHCF include, but are not limited to experimental residues and radioactive sources. RCRA-regulated waste management areas at the AHCF will include 1) a hot cell; 2) a work area north and east of a permanent shield wall and the hot cell; 3) a walk-in fume hood; 4) eight storage silos (six located in the floor of the work area and two located in the floor of the hot cell); and 5) container storage in the high bay. Treatment processes may include mechanical processing, chemical deactivation, macroencapsulation, and stabilization.

If you have any questions regarding this submittal, please contact Ron Dobbs of my staff at (505) 845-4428.

Sincerely,



Mr. Michael J. Zamorski
Director
Office of Kirtland Site Operations

Enclosure

cc w/enclosure:

J. E. Kieling, HWB
W. Moats, HWB
R. Kennett, NMED DOE OB
R. Simonton, DOE/KAO
D. H. Blanton, MS 0186, 3000
E. D. Krauss, MS 0141, 11300
SNL ISS Records Center, MS 0651, 9612

cc w/o enclosure:

L. A. West, MS 1114, 3100
P. D. Yourick, MS 1050, 3120
J. J. Thompson, MS 1151, 3125
A. S. Reiser, MS 1151, 3125

ATTACHMENT A

General Part A Permit Request

US Department of Energy / Sandia Corporation / Sandia National Laboratories/NM
NM5890110518

Sandia National Laboratories/New Mexico General Part A Permit Renewal Request/Application

Revision 3.0

January 2002

Prepared by
Sandia National Laboratories/New Mexico
Albuquerque, New Mexico 87185

Prepared for
The U.S. Department of Energy

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Corrective Action Management Unit, Low Temperature Thermal Desorption Unit
Corrective Action Management Unit, Treatment Pad

For EPA Regional Use Only Date Received Month Day Year 	 United States Environmental Protection Agency Washington, DC 20460 <h2 style="margin: 0;">Hazardous Waste Permit Application</h2> <h3 style="margin: 0;">Part A</h3> <p style="font-size: small; margin: 0;">(Read the Instructions before starting)</p>	
I. Facility's EPA ID Number (Mark 'X' in the appropriate box)		
<input type="checkbox"/> A. First Part A Submission		<input checked="" type="checkbox"/> B. Part A Amendment # <u>3 (January 2002)</u>
C. Facility's EPA ID Number N M 5 8 9 0 1 1 0 5 1 8		D. Secondary ID Number (if applicable)
II. Name of Facility		
S A N D I A N A T I O N A L L A B O R A T O R I E S		
III. Facility Location (Physical address not P.O. Box or Route Number)		
A. Street		
1 5 1 5 E U B A N K B O U L E V A R D S E		
Street (Continued)		
City or Town		State Zip Code
A L B U Q U E R Q U E		N M 8 7 1 2 3 -
County Code (If known)	County Name	
	B E R N A L I L L O	
B. Land Type (Enter code)	C. Geographic Location LATITUDE (Degrees, minutes, & seconds) LONGITUDE (Degrees, minutes & seconds)	D. Facility Existence Date Month Day Year
F	3 5 0 1 4 5 N 1 0 6 3 2 3 0 W	0 9 1 9 4 5
IV. Facility Mailing Address		
Street or P.O. Box		
P O B O X 5 4 0 0 K I R T L A N D S I T E O P S		
City or Town		State Zip Code
A L B U Q U E R Q U E		N M 8 7 1 8 5 - 5 4 0 0
V. Facility Contact (Person to be contacted regarding waste activities at facility)		
Name (Last)		(First)
D O B B S		R O N A L D
Job Title		Phone Number (Area Code and Number)
E N V E N G I N E E R		5 0 5 - 8 4 5 - 4 4 2 8
VI. Facility Contact Address (See Instructions)		
A. Contact Address Location Mailing Other	B. Street or P.O. Box	
X		
City or Town		State Zip Code
		-

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

EPA ID Number (Enter from page 1)										Secondary ID Number (Enter from page 1)											
N	M	5	8	9	0	1	1	0	5	1	8										

XI. Nature of Business (Provide a brief description)

Sandia National Laboratories/New Mexico is a multi-program Research and Development (R&D) laboratory of the U.S. Department of Energy. Missions include R&D related to nuclear weapons, energy, and other programs of national interest.

XII. Process Codes and Design Capacities

- A. PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Thirteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in item XIII.
- B. PROCESS DESIGN CAPACITY** - for each code entered in column A, enter the capacity of the process.
- 1. AMOUNT** - Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
 - 2. UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

C. PROCESS TOTAL NUMBER OF UNITS - Enter the total number of units used in the corresponding process code.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	<u>Disposal:</u>				
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Liters Per Hour; Kilograms Per Hour; or Million Btu Per Hour
D80	Landfill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Application	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Storage	Any Unit of Measure Listed Below	T86	Blast Furnace	
	<u>Storage:</u>		T87	Smelting, Melting, Or Refining Furnace	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T89	Methane Reforming Furnace	Gallons Per Day; Liters Per Day, Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day, Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Hour; Liters Per Hour; or Million Btu Per Hour
S03	Waste Pile	Cubic Yards or Cubic Meters	T90	Pulping Liquor Recovery Furnace	
S04	Surface Impoundment Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid	
S05	Drip Pad	Gallons; Liters; Acres; Cubic Meters; Hectares; or Cubic Yards	T92	Halogen Acid Furnaces	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T93	Other Industrial Furnaces Listed in 40 CFR §260.10	
S99	Other Disposal	Any Unit Measure Listed Below	T94	Containment Building - Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour, or Million Btu Per Hour
	<u>Treatment:</u>			<u>Miscellaneous (Subpart X):</u>	
T01	Tank Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; or Metric Tons Per Hour	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; or Metric Tons Per Hour	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T03	Incinerator	Short Tons Per Hour Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; or Million Btu Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Day; Liters Per Hour; or Million Btu Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; Btu Per Hour; or Million Btu Per Hour	X99	Other Subpart X	Any Unit Measure Listed Below

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons	G	Short Tons Per Hour	D	Cubic Yards	Y
Gallons Per Hour	E	Metric Tons Per Hour	W	Cubic Meters	C
Gallons Per Day	U	Short Tons Per Day	N	Acres	A
Liters	L	Metric Tons Per Day	S	Acre-feet	B
Liters Per Hour	H	Pounds Per Hour	J	Hectares	Q
Liters Per Day	V	Kilograms Per Hour	R	Hectare-meter	F
		Million Btu Per Hour	X	Btu Per Hour	I

EPA I.D. Number (Enter from Page 1) Secondary ID Number (Enter from Page 1)

NM5890110518

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XII. Process Codes and Design Capabilities (Continued)

EXAMPLE FOR COMPLETING ITEM XII (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number	A. Process Code (From list above)				B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	For Official Use Only			
	1. Amount (Specify)				2. Unit Of Measure (Enter code)						
X	1	S	0	2	5 3 3 . 7 8 8		G	0 0 1			

Hazardous Waste Management Facility, Thermal Treatment Facility, Radioactive Mixed Waste Management Facility, Manzano Storage Bunkers, High Bay Waste Storage Facility, Auxiliary Hot Cell Facility, Corrective Action Management Unit, Temporary Unit, Low-Temperature Thermal Desorption Unit

(See Appendix B for Details)

	1	S	0	1	559,266		G	005			
	2	S	9	9	101,900		Y	001			
	3	T	0	4	935		U	002			
	4	T	0	4	10		J	001			
	5	T	0	4	1,500		N	001			
	6	X	0	2	40		J	002			
	7	X	0	3	(Thermal treatment of explosive waste) 20.8		G	001			
	8	X	0	3	(Low temperature thermal desorption) 15		D	001			
	7										
	8										
	9										
1	0										

NOTE: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item XIII.

XIII. Other Processes (Follow instructions from Item XII for D99, S99, T04 and X99 process codes)

Line Number (Enter # in w/XII)	2. Process Code (From list above)				B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	D. Description Of Process			
	1. Amount (Specify)				2. Unit Of Measure (Enter code)						
X	1	T	0	4				In-situ Vitrification			
	2	S	9	9	101,900		Y	001 CAMU remediation waste storage			
	3	T	0	4	110		U	002 Chemical deactivation			
	3	T	0	4	220		U	002 Macroencapsulation			
	3	T	0	4	605		U	002 Stabilization			
	4	T	0	4	10		J	001 Thermal deactivation			
	5	T	0	4	1,500		N	001 Soil Stabilization Unit			

EPA ID Number (Enter from page 1)										Secondary ID Number (Enter from page 1)											
N	M	5	8	9	0	1	1	0	5	1	8										

XIV. Description of Hazardous Wastes

- A. EPA HAZARDOUS WASTE NUMBER - Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: for each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in item XII A. on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. Enter the first two as described above.
2. Enter "000" in the extreme right box of item XIV-D(1).
3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in item XIV-E.

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form (D.(2)).

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA HAZARD WASTE NO. (Enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (Enter code)	D. PROCESS											
				(1) PROCESS CODES (Enter)					(2) PROCESS DESCRIPTION (If a code is not entered in D(1))						
X 1	K 0 5 4	900	p	T	0	3	D	8	0						
X 2	D 0 0 2	400	P	T	0	3	D	8	0						
X 3	D 0 0 1	100	P	T	0	3	D	8	0						
X 4	D 0 0 2									Included With Above					

EPA I.D. Number (Enter from Page 1) Secondary ID Number (Enter from Page 1)

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)		(2) PROCESS DESCRIPTION (If a code is not entered in D(1))	
Hazardous Waste Management Facility (HWMF), Thermal Treatment Facility, Radioactive Mixed Waste Management Facility (RMWMF), High Bay Waste Storage Facility (HBWSF), and Auxiliary Hot Cell Facility (AHCf), Manzano Storage Bunkers (MSB) ^b							
	P001	125	K	S01			
	P002	110	K	S01			
	P003	110	K	S01			
	P004	110	K	S01			
	P005	125	K	S01			
	P006	110	K	S01			
	P007	110	K	S01			
	P008	110	K	S01			
	P009	110	K	S01			
	P010	110	K	S01			
	P011	125	K	S01			
	P012	110	K	S01			
	P013	110	K	S01			
	P014	110	K	S01			
	P015	110	K	S01			
	P016	110	K	S01			
	P017	110	K	S01			
	P018	110	K	S01			
	P020	110	K	S01			
	P021	110	K	S01			
	P022	200	K	S01			
	P023	110	K	S01			
	P024	110	K	S01			
	P026	110	K	S01			
	P027	110	K	S01			
	P028	110	K	S01			
	P029	1,600	K	S01			
	P030	350	K	S01			
	P031	110	K	S01			
	P033	110	K	S01			

EPA I.D. Number (Enter from Page 1) Secondary ID Number (Enter from Page 1)

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	P034	110	K	S01			
	P036	110	K	S01			
	P037	110	K	S01			
	P038	110	K	S01			
	P039	110	K	S01			
	P040	110	K	S01			
	P041	110	K	S01			
	P042	110	K	S01			
	P043	110	K	S01			
	P044	110	K	S01			
	P045	110	K	S01			
	P046	110	K	S01			
	P047	110	K	S01			
	P048	110	K	S01			
	P049	110	K	S01			
	P050	110	K	S01			
	P051	110	K	S01			
	P054	110	K	S01			
	P056	110	K	S01			
	P057	110	K	S01			
	P058	110	K	S01			
	P059	110	K	S01			
	P060	110	K	S01			
	P062	110	K	S01			
	P063	110	K	S01			
	P064	250	K	S01			
	P065	110	K	S01			
	P066	110	K	S01			
	P067	110	K	S01			
	P068	110	K	S01			
	P069	110	K	S01			
	P070	110	K	S01			

EPA I.D. Number (Enter from Page 1) Secondary ID Number (Enter from Page 1)

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	P071	110	K	S01			
	P072	110	K	S01			
	P073	110	K	S01			
	P074	110	K	S01			
	P075	110	K	S01			
	P076	110	K	S01			
	P077	110	K	S01			
	P078	130	K	S01			
	P081	110	K	S01			
	P082	110	K	S01			
	P084	110	K	S01			
	P085	110	K	S01			
	P087	150	K	S01			
	P088	110	K	S01			
	P089	110	K	S01			
	P092	110	K	S01			
	P093	110	K	S01			
	P094	110	K	S01			
	P095	110	K	S01			
	P096	110	K	S01			
	P097	110	K	S01			
	P098	150	K	S01			
	P099	110	K	S01			
	P101	110	K	S01			
	P102	110	K	S01			
	P103	110	K	S01			
	P104	200	K	S01			
	P105	110	K	S01			
	P106	1100	K	S01			
	P108	110	K	S01			
	P109	110	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	P110	110	K	S01			
	P111	110	K	S01			
	P112	110	K	S01			
	P113	150	K	S01			
	P114	110	K	S01			
	P115	110	K	S01			
	P116	110	K	S01			
	P118	110	K	S01			
	P119	110	K	S01			
	P120	125	K	S01			
	P121	110	K	S01			
	P122	110	K	S01			
	P123	110	K	S01			
	P127	110	K	S01			
	P128	110	K	S01			
	P185	110	K	S01			
	P188	110	K	S01			
	P189	110	K	S01			
	P190	110	K	S01			
	P191	110	K	S01			
	P192	110	K	S01			
	P194	110	K	S01			
	P196	110	K	S01			
	P197	110	K	S01			
	P198	110	K	S01			
	P199	110	K	S01			
	P201	110	K	S01			
	P202	110	K	S01			
	P203	110	K	S01			
	P204	110	K	S01			
	P205	110	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U001	110	K	S01			
	U002	1,100	K	S01			
	U003	350	K	S01			
	U004	110	K	S01			
	U005	110	K	S01			
	U006	110	K	S01			
	U007	110	K	S01			
	U008	200	K	S01			
	U009	110	K	S01			
	U010	110	K	S01			
	U011	110	K	S01			
	U012	125	K	S01			
	U014	110	K	S01			
	U015	110	K	S01			
	U016	110	K	S01			
	U017	110	K	S01			
	U018	110	K	S01			
	U019	250	K	S01			
	U020	110	K	S01			
	U021	110	K	S01			
	U022	110	K	S01			
	U023	110	K	S01			
	U024	110	K	S01			
	U025	110	K	S01			
	U026	110	K	S01			
	U027	110	K	S01			
	U028	5,100	K	S01			
	U029	110	K	S01			
	U030	110	K	S01			
	U031	600	K	S01			
	U032	600	K	S01			
	U033	110	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U034	110	K	S01			
	U035	150	K	S01			
	U036	600	K	S01			
	U037	150	K	S01			
	U038	110	K	S01			
	U039	110	K	S01			
	U041	110	K	S01			
	U042	110	K	S01			
	U043	110	K	S01			
	U044	250	K	S01			
	U045	125	K	S01			
	U046	110	K	S01			
	U047	110	K	S01			
	U048	110	K	S01			
	U049	110	K	S01			
	U050	110	K	S01			
	U051	175	K	S01			
	U052	125	K	S01			
	U053	110	K	S01			
	U055	125	K	S01			
	U056	350	K	S01			
	U057	125	K	S01			
	U058	110	K	S01			
	U059	110	K	S01			
	U060	110	K	S01			
	U061	110	K	S01			
	U062	110	K	S01			
	U063	110	K	S01			
	U064	110	K	S01			
	U066	110	K	S01			
	U067	125	K	S01			
	U068	110	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U069	200	K	S01			
	U070	150	K	S01			
	U071	110	K	S01			
	U072	110	K	S01			
	U073	110	K	S01			
	U074	110	K	S01			
	U075	300	K	S01			
	U076	110	K	S01			
	U077	300	K	S01			
	U078	150	K	S01			
	U079	150	K	S01			
	U080	1,100	K	S01			
	U081	110	K	S01			
	U082	110	K	S01			
	U083	110	K	S01			
	U084	110	K	S01			
	U085	110	K	S01			
	U086	110	K	S01			
	U087	110	K	S01			
	U088	110	K	S01			
	U089	110	K	S01			
	U090	110	K	S01			
	U091	110	K	S01			
	U092	110	K	S01			
	U093	110	K	S01			
	U094	110	K	S01			
	U095	110	K	S01			
	U096	110	K	S01			
	U097	110	K	S01			
	U098	110	K	S01			
	U099	110	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U101	110	K	S01			
	U102	120	K	S01			
	U103	110	K	S01			
	U105	110	K	S01			
	U106	110	K	S01			
	U107	150	K	S01			
	U108	150	K	S01			
	U109	110	K	S01			
	U110	110	K	S01			
	U111	110	K	S01			
	U112	1,100	K	S01			
	U113	110	K	S01			
	U114	110	K	S01			
	U115	110	K	S01			
	U116	110	K	S01			
	U117	130	K	S01			
	U118	110	K	S01			
	U119	110	K	S01			
	U120	110	K	S01			
	U121	300	K	S01			
	U122	600	K	S01			
	U123	135	K	S01			
	U124	110	K	S01			
	U125	110	K	S01			
	U126	110	K	S01			
	U127	110	K	S01			
	U128	110	K	S01			
	U129	110	K	S01			
	U130	110	K	S01			
	U131	150	K	S01			
	U132	125	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U133	350	K	S01			
	U134	2,100	K	S01			
	U135	175	K	S01			
	U136	110	K	S01			
	U137	110	K	S01			
	U138	110	K	S01			
	U140	150	K	S01			
	U141	110	K	S01			
	U142	110	K	S01			
	U143	110	K	S01			
	U144	400	K	S01			
	U145	110	K	S01			
	U146	110	K	S01			
	U147	200	K	S01			
	U148	110	K	S01			
	U149	110	K	S01			
	U150	110	K	S01			
	U151	1,100	K	S01			
	U152	110	K	S01			
	U153	110	K	S01			
	U154	600	K	S01			
	U155	110	K	S01			
	U156	110	K	S01			
	U157	110	K	S01			
	U158	125	K	S01			
	U159	225	K	S01			
	U160	150	K	S01			
	U161	150	K	S01			
	U162	200	K	S01			
	U163	110	K	S01			
	U164	110	K	S01			
	U165	1,100	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U166	110	K	S01			
	U167	110	K	S01			
	U168	110	K	S01			
	U169	300	K	S01			
	U170	110	K	S01			
	U171	125	K	S01			
	U172	110	K	S01			
	U173	110	K	S01			
	U174	110	K	S01			
	U176	110	K	S01			
	U177	150	K	S01			
	U178	150	K	S01			
	U179	200	K	S01			
	U180	200	K	S01			
	U181	150	K	S01			
	U182	125	K	S01			
	U183	125	K	S01			
	U184	125	K	S01			
	U185	125	K	S01			
	U186	150	K	S01			
	U187	110	K	S01			
	U188	125	K	S01			
	U189	110	K	S01			
	U190	110	K	S01			
	U191	110	K	S01			
	U192	110	K	S01			
	U193	110	K	S01			
	U194	110	K	S01			
	U196	125	K	S01			
	U197	110	K	S01			
	U200	110	K	S01			
	U201	125	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U202	110	K	S01			
	U203	110	K	S01			
	U204	125	K	S01			
	U205	110	K	S01			
	U206	110	K	S01			
	U207	110	K	S01			
	U208	110	K	S01			
	U209	120	K	S01			
	U210	125	K	S01			
	U211	200	K	S01			
	U213	450	K	S01			
	U214	110	K	S01			
	U215	110	K	S01			
	U216	110	K	S01			
	U217	110	K	S01			
	U218	110	K	S01			
	U219	125	K	S01			
	U220	600	K	S01			
	U221	110	K	S01			
	U222	110	K	S01			
	U223	1,100	K	S01			
	U225	150	K	S01			
	U226	4,100	K	S01			
	U227	1,600	K	S01			
	U228	1,100	K	S01			
	U234	110	K	S01			
	U235	110	K	S01			
	U236	110	K	S01			
	U237	110	K	S01			
	U238	110	K	S01			
	U239	350	K	S01			
	U240	110	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	U243	110	K	S01			
	U244	110	K	S01			
	U246	110	K	S01			
	U247	110	K	S01			
	U248	110	K	S01			
	U249	110	K	S01			
	U271	110	K	S01			
	U278	110	K	S01			
	U279	110	K	S01			
	U280	110	K	S01			
	U328	110	K	S01			
	U353	110	K	S01			
	U359	200	K	S01			
	U364	110	K	S01			
	U367	110	K	S01			
	U372	110	K	S01			
	U373	110	K	S01			
	U387	110	K	S01			
	U389	110	K	S01			
	U394	110	K	S01			
	U395	110	K	S01			
	U404	110	K	S01			
	U409	110	K	S01			
	U410	110	K	S01			
	U411	110	K	S01			
	F001	265,000	K	S01	T04	X02	X03
	F002	272,000	K	S01	T04	X02	X03
	F003	275,000	K	S01	T04	X02	X03
	F004	1,500	K	S01	T04	X02	X03
	F005	262,000	K	S01	T04	X02	X03
	F006	200	K	S01			

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	F007	6,500	K	S01			
	F008	200	K	S01			
	F009	200	K	S01			
	F010	200	K	S01			
	F011	200	K	S01			
	F012	100	K	S01			
	F019	100	K	S01			
	F020	100	K	S01			
	F021	100	K	S01			
	F022	100	K	S01			
	F023	100	K	S01			
	F024	100	K	S01			
	F025	100	K	S01			
	F026	100	K	S01			
	F027	150	K	S01			
	F028	100	K	S01			
	FO32	100	K	S01			
	F034	100	K	S01			
	F035	100	K	S01			
	F037	100	K	S01			
	F038	100	K	S01			
	F039	250,000	K	S01	T04		
	D001	115,000	K	S01	T04	X02	X03
	D002	58,000	K	S01	T04	X02	
	D003	32,000	K	S01	T04	X03	
	D004	39,000	K	S01	T04	X02	
	D005	48,000	K	S01	T04	X02	
	D006	105,000	K	S01	T04	X02	
	D007	66,000	K	S01	T04	X02	
	D008	125,000	K	S01	T04	X02	
	D009	40,000	K	S01	T04	X02	
	D010	2,000	K	S01	T04	X02	

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	D011	45,000	K	S01	T04	X02	X03
	D012	25,050	K	S01			
	D013	150	K	S01			
	D014	150	K	S01			
	D015	150	K	S01			
	D016	150	K	S01			
	D017	150	K	S01			
	D018	32,000	K	S01	T04	X02	
	D019	25,200	K	S01	T04	X02	
	D020	25,050	K	S01	T04	X02	
	D021	25,100	K	S01	T04	X02	
	D022	26,000	K	S01	T04	X02	
	D023	25,050	K	S01	T04	X02	
	D024	25,050	K	S01	T04	X02	
	D025	25,050	K	S01	T04	X02	
	D026	25,100	K	S01	T04	X02	
	D027	25,100	K	S01	T04	X02	
	D028	26,000	K	S01	T04	X02	
	D029	25,100	K	S01	T04	X02	
	D030	25,500	K	S01	T04	X02	
	D031	25,050	K	S01	T04	X02	
	D032	25,100	K	S01	T04	X02	
	D033	25,100	K	S01	T04	X02	
	D034	25,500	K	S01	T04	X02	
	D035	40,000	K	S01	T04	X02	
	D036	25,100	K	S01	T04	X02	
	D037	25,100	K	S01	T04	X02	
	D038	25,100	K	S01	T04	X02	
	D039	27,000	K	S01	T04	X02	
	D040	30,000	K	S01	T04	X02	
	D041	25,050	K	S01	T04	X02	
	D042	25,050	K	S01	T04	X02	

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XIV. Description of Hazardous Wastes (Continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES			
				(1) PROCESS CODES ^a (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	D038	25,100	K	S01	T04	X02	
	D039	27,000	K	S01	T04	X02	
	D040	30,000	K	S01	T04	X02	
	D041	25,050	K	S01	T04	X02	
	D042	25,050	K	S01	T04	X02	
	D043	25,050	K	S01	T04	X02	

Notes for wastes described above:

- ^a A waste carrying a particular EPA Hazardous Waste No. may be treated using any one or a combination, as appropriate, of the listed process codes. Multiple treatment process codes listed for one EPA Hazardous Waste No. do not imply a treatment train.
- ^b Remediation wastes are generated during site investigations and corrective actions conducted under the SNL/NM Environmental Restoration (ER) Project. Remediation wastes that are managed through the HWMF, RMWMF, HBWSF, AHCF, and MSB are characterized to determine whether they are RCRA-regulated wastes. The waste codes and volumes of these remediation wastes are included in the totals in Column B. Estimated Annual Quantity of Waste.

Corrective Action Management Unit (CAMU), Low Temperature Thermal Desorption Unit (LTTD), Temporary Unit (TU)

D001-D043, F001, F002, F003, F005, F039	50,000	Y	S99	T04	X03		T04 = soil stabilization in TU; X03 = thermal treatment in LTTD; S99 = management in CAMU containment cell
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Notes for remediation wastes managed at the CAMU:

Some of the remediation wastes generated during site investigations and corrective action conducted under the SNL/NM ER Project are managed at the CAMU. CAMU processes include a LTTD, a TU (soil stabilization unit), and a containment cell. The majority of the remediation wastes to be managed at the CAMU are generated through excavation (remediation) of the Chemical Waste Landfill (CWL). These remediation wastes are characterized to determine whether they meet the waste acceptance criteria for management at the CAMU. For the most part, the CAMU remediation wastes are characterized only for the purposes of determining whether treatment is required and the type of treatment needed; CAMU remediation wastes are not routinely assigned RCRA waste codes. All of the remediation waste is included in this Part A for completeness, and all of the hazardous waste codes that may be applicable to any of the remediation wastes managed at the CAMU are listed above. Not all of the waste codes apply to all of the remediation waste, so volumes have not been assigned to individual waste codes.

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

GSA No. 0248-EPA-OT

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N	M	5	8	9	0	1	1	0	5	1	8												

XV. Map

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements. See Figure B-1

XVI. Facility Drawing

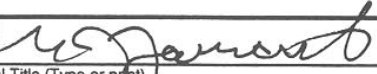
All existing facilities must include a scale drawing of the facility (See instructions for more detail). See Appendix B

XVII. Photographs

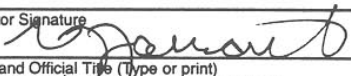
All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). See Appendix B

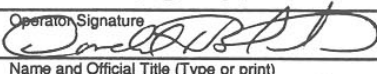
XVIII. Certification(s)

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 for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature 	Date Signed 1/31/02
Name and Official Title (Type or print) Michael Zamorski, Area Manager, DOE/OKSO	

Owner Signature	Date Signed
Name and Official Title (Type or print)	

Operator Signature 	Date Signed 1/31/02
Name and Official Title (Type or print) Michael Zamorski, Area Manager, DOE/OKSO	

Operator Signature 	Date Signed 1/29/02
Name and Official Title (Type or print) Donald H. Blanton, Vice President, Human Resources and Protection Services, Sandia Corporation	

XIX. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)