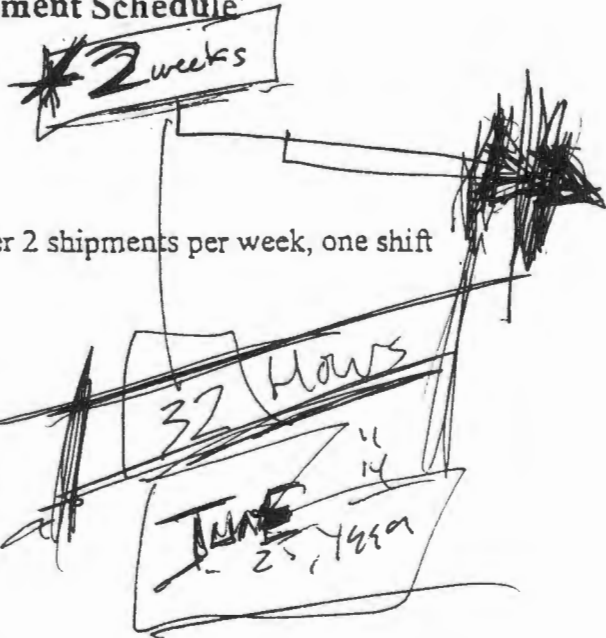


# DRAFT Proposed Transuranic Waste Shipment Schedule

## Site Details



### LANL

#### Baseline Throughput

- Characterization – Hardware and facility constrained after 2 shipments per week, one shift
- Loading – 1 shipment per week, one shift

#### Additional Funding/Utilize Mobile Vendor

- Additional crew – 1 shipment per week, 2<sup>nd</sup> shift

#### Waste Stream

- Pu-238 Debris Waste
- CAO certification received
- Certified by EPA (Final Rule)
- WSPF approved March 1998
- 100 shipments are estimated

NMED has accepted lot #1 (17 shipments) as non-mixed. These 17 shipments have been characterized and are ready to ship.

Remaining 83 shipments have not been characterized, due to funding and do not have NMED acceptance.

### RFETS

#### Baseline Throughput

- Characterization – Hardware and facility constrained after 2 shipments per week, one shift
- Loading – 1 shipment per week, one shift
- 2<sup>nd</sup> loading facility FY 2002
- 1 Mobile loading unit 2<sup>nd</sup> quarter FY 2000

#### Additional Funding/Utilize Mobile Vendor

- Additional crew and mobile loading facility – 1 shipment per week, one shift

#### Waste Stream

- RF001.01 – Glovebox cleanup debris
- CAO certification received
- Certified by EPA
- WSPF approved March 1998
- 38 shipments are estimated

Chemical sampling and analysis to support acceptable knowledge determination of non-hazardous does not exist.



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**Proposed Transuranic Waste Shipment Schedule**

- RF-002 – General Debris
  - CAO certification received
  - Certified by EPA
    - WSPF approved
    - 32 shipments are estimated.
  
- RF-003 – Graphite Debris
  - CAO certification received
  - Certified by EPA
    - WSPF approved
    - 2 shipments are estimated.
  
- RF-004 – Lab glass and ceramics
  - CAO certification received
  - Certified by EPA
    - WSPF under review by CAO
    - 10 shipments are estimated
  
- Salt Residues
  - CAO certification not complete (June 1999 planned)
  - Certification by EPA not complete (June 1999 planned)
  - WSPF not submitted
  - 155 shipments are estimated

Thermal treatment process strengthens Acceptable Knowledge non-hazardous determination. Activist will raise issue that this is not waste because of high Pu-239 concentrations.

**INEEL****Baseline Throughput**

- Characterization – Hardware and facility constrained after 2 shipments per week, one shift
- Loading – 2 shipment per week, 1 shift

**Additional Funding/Utilize Mobile Vendor**

- Can go to 2<sup>nd</sup> shift and increase throughput
- 2<sup>nd</sup> loading facility July 2001

**Waste Stream**

- Graphite Molds
  - CAO certification received
  - Certified by EPA
  - WSPF Not Submitted
  - 30 shipments are estimated

# DRAFT

Proposed - Monthly CH-TRU Shipping Schedule-- May 10, 1999  
For the period March 1999 through February 2000

	HR	NEEL	LANL	RFETS	SRS	ANL-E	LLNL	Mound	NTS	SQS	Monthly	Monthly	Cumulative
											Shipments	Shipments	Shipments
											Available	Sending	
											(Transport)		
Mar-99			1								1	16	
Apr-99		1	4								5	18	
May-99			4								4	16	
Jun-99			4	4							8	16	
Jul-99			4	4							8	16	
Aug-99		2		6							8	16	
Sep-99		2		8							10	16	
FY1999	0	5	22	0	0	0	0	0	0	0	44	112	
Oct-99		2		8							10	16	
Nov-99	1	2		11							14	20	
Dec-99	1	2		12							15	20	
Jan-00	0	2		13	1						16	20	
Feb-00	0	8	3	13							24	24	
FY2000	2	16	3	57	1	0	0	0	0	0	79	100	
Total	2	21	20	79	1	0	0	0	0	0	123	212	

✓ Gandy

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**Proposed Transuranic Waste Shipment Schedule**

Shipment Number	Site Shipment		Waste Stream	Certified?	Expected Shipping Date* (Week of)	Actual Shipping Date	Comments**
1	LANL	1	Pu-238 Debris TA-55-43	Yes	3/22/99	3/26/99	First WIPP Shipment
2	LANL	2	Pu-238 Debris TA-55-43	Yes	4/5/99	4/6/99	
3	LANL	3	Pu-238 Debris TA-55-43	Yes	4/12/99	4/15/99	
4	LANL	4	Pu-238 Debris TA-55-43	Yes	4/19/99	4/21/99	
5	INEEL	1	Graphite molds	Yes	4/26/99	4/28/99	Milestone Shipment, Settlement Agreement Met
6	LANL	5	Pu-238 Debris TA-55-43	Yes	4/26/99	4/28/99	
7	LANL	6	Pu-238 Debris TA-55-43	Yes	5/3/99	5/4/99	
8	LANL	7	Pu-238 Debris TA-55-43	Yes	5/10/99		
9	LANL	8	Pu-238 Debris TA-55-43	Yes	5/17/99		
10	LANL	9	Pu-238 Debris TA-55-43	Yes	5/31/99		
11	RFETS	1	RF-003 Graphite Debris	Yes	5/31/99		110 DRUMS - MISC
12	LANL	10	Pu-238 Debris TA-55-43	Yes	6/7/99		

\* All waste stream shipments are subject to HQ review and approval, the LANL PU-238 Debris TA-55-43 waste stream is approved.

\*\* Assumes TRUPACT-II's will be available to meet generator site demand

\*\*\* WSPF - Waste Stream Profile Form

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13	RFETS	2	RF-003 Graphite Debris	Yes	6/7/99		
14	LANL	11	Pu-238 Debris TA-55-43	Yes	6/14/99		
15	RFETS	3	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF***	6/14/99		CAO and EPA inspections complete. WSPF not submitted.
16	LANL	12	Pu-238 Debris TA-55-43	Yes	6/21/99		
17	RFETS	4	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	6/21/99		CAO and EPA inspections complete. WSPF not submitted.
18	LANL	13	Pu-238 Debris TA-55-43	Yes	6/28/99		
19	LANL	14	Pu-238 Debris TA-55-43	Yes	7/5/99		
20	RFETS	5	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	7/5/99		CAO and EPA inspections complete. WSPF not submitted.
21	LANL	15	Pu-238 Debris TA-55-43	Yes	7/12/99		
22	RFETS	6	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	7/12/99		CAO and EPA inspections complete. WSPF not submitted.
23	LANL	16	Pu-238 Debris TA-55-43	Yes	7/19/99		
24	RFETS	7	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	7/19/99		CAO and EPA inspections complete. WSPF not submitted.
25	LANL	17	Pu-238 Debris TA-55-43	Yes	7/26/99		
26	RFETS	8	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	7/26/99		CAO and EPA inspections complete. WSPF not submitted.
27	RFETS	9	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/2/99		CAO and EPA inspections complete. WSPF not submitted.

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\*\*\* WSPF -- Waste Stream Profile Form

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28	INEEL	2	Graphite molds	Pending Approval of WSPF	8/9/99	WSPF not submitted.
29	RFETS	10	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/9/99	CAO and EPA inspections complete. WSPF not submitted.
30	RFETS	11	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/9/99	CAO and EPA inspections complete. WSPF not submitted.
31	RFETS	12	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/16/99	CAO and EPA inspections complete. WSPF not submitted.
32	INEEL	3	Graphite molds	Pending Approval of WSPF	8/23/99	WSPF not submitted.
33	RFETS	13	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/23/99	CAO and EPA inspections complete. WSPF not submitted.
34	RFETS	14	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/23/99	CAO and EPA inspections complete. WSPF not submitted.
35	RFETS	15	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/30/99	CAO and EPA inspections complete. WSPF not submitted.
36	RFETS	16	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	8/30/99	CAO and EPA inspections complete. WSPF not submitted.
37	INEEL	4	Graphite molds	Pending Approval of WSPF	9/6/99	WSPF not submitted.
38	RFETS	17	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	9/6/99	CAO and EPA inspections complete. WSPF not submitted.
39	RFETS	18	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	9/6/99	CAO and EPA inspections complete. WSPF not submitted.
40	RFETS	19	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	9/13/99	CAO and EPA inspections complete. WSPF not submitted.
41	RFETS	20	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	9/13/99	CAO and EPA inspections complete. WSPF not submitted.
42	INEEL	5	Graphite molds	Pending Approval of WSPF	9/20/99	WSPF not submitted.

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\*\*\* WSPF - Waste Stream Profile Form

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**Proposed Transuranic Waste Shipment Schedule**

43	RFETS	21	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	9/20/99	CAO and EPA inspections complete. WSPF not submitted.
44	RFETS	22	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	9/27/99	CAO and EPA inspections complete. WSPF not submitted.
45	INEEL	6	Graphite molds	Pending Approval of WSPF	10/4/99	WSPF not submitted.
46	RFETS	23	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/4/99	CAO and EPA inspections complete. WSPF not submitted.
47	RFETS	24	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/4/99	CAO and EPA inspections complete. WSPF not submitted.
48	RFETS	25	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/11/99	CAO and EPA inspections complete. WSPF not submitted.
49	RFETS	26	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/11/99	CAO and EPA inspections complete. WSPF not submitted.
50	INEEL	7	Graphite molds	Pending Approval of WSPF	10/18/99	WSPF not submitted.
51	RFETS	27	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/18/99	CAO and EPA inspections complete. WSPF not submitted.
52	RFETS	28	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/18/99	CAO and EPA inspections complete. WSPF not submitted.
53	RFETS	29	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/25/99	CAO and EPA inspections complete. WSPF not submitted.
54	RFETS	30	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	10/25/99	CAO and EPA inspections complete. WSPF not submitted.
55	INEEL	8	Graphite molds	Pending Approval of WSPF	11/1/99	WSPF not submitted.
56	RFETS	31	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/1/99	CAO and EPA inspections complete. WSPF not submitted.
57	RFETS	32	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/1/99	CAO and EPA inspections complete. WSPF not submitted.

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**Proposed Transuranic Waste Shipment Schedule**

58	RFETS	33	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/1/99	CAO and EPA inspections complete. WSPF not submitted.
59	RFETS	34	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/8/99	CAO and EPA inspections complete. WSPF not submitted.
60	RFETS	35	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/8/99	CAO and EPA inspections complete. WSPF not submitted.
61	RFETS	36	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/8/99	CAO and EPA inspections complete. WSPF not submitted.
62	Hanford	1	General Debris	Pending CAO Certification, EPA Approval and Approval of WSPF	11/15/99	
63	INEEL	9	Graphite molds	Pending Approval of WSPF	11/15/99	WSPF not submitted.
64	RFETS	37	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/15/99	CAO and EPA inspections complete. WSPF not submitted.
65	RFETS	38	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/15/99	CAO and EPA inspections complete. WSPF not submitted.
66	RFETS	39	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/15/99	CAO and EPA inspections complete. WSPF not submitted.
67	RFETS	40	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/22/99	CAO and EPA inspections complete. WSPF not submitted.
68	RFETS	41	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/22/99	CAO and EPA inspections complete. WSPF not submitted.
69	INEEL	10	Graphite molds	Pending Approval of WSPF	11/29/99	WSPF not submitted.
70	RFETS	42	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/29/99	CAO and EPA inspections complete. WSPF not submitted.
71	RFETS	43	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	11/29/99	CAO and EPA inspections complete. WSPF not submitted.
72	Hanford	2	General Debris	Pending CAO Certification, EPA Approval and Approval of WSPF	12/6/99	

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\*\*\* WSPF - Waste Stream Profile Form



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**Proposed Transuranic Waste Shipment Schedule**

73	RFETS	44	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/6/99	CAO and EPA inspections complete. WSPF not submitted.
74	RFETS	45	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/6/99	CAO and EPA inspections complete. WSPF not submitted.
75	RFETS	46	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/6/99	CAO and EPA inspections complete. WSPF not submitted.
76	INEEL	11	Graphite molds	Pending Approval of WSPF	12/13/99	WSPF not submitted.
77	RFETS	47	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/13/99	CAO and EPA inspections complete. WSPF not submitted.
78	RFETS	48	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/13/99	CAO and EPA inspections complete. WSPF not submitted.
79	RFETS	49	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/13/99	CAO and EPA inspections complete. WSPF not submitted.
80	RFETS	50	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/20/99	CAO and EPA inspections complete. WSPF not submitted.
81	RFETS	51	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/20/99	CAO and EPA inspections complete. WSPF not submitted.
82	RFETS	52	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/27/99	CAO and EPA inspections complete. WSPF not submitted.
83	RFETS	53	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	12/27/99	CAO and EPA inspections complete. WSPF not submitted.
84	INEEL	12	Graphite molds	Pending Approval of WSPF	1/3/00	WSPF not submitted.
85	RFETS	54	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/3/00	CAO and EPA inspections complete. WSPF not submitted.
86	RFETS	55	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/3/00	CAO and EPA inspections complete. WSPF not submitted.
87	RFETS	56	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/10/00	CAO and EPA inspections complete. WSPF not submitted.

\* All waste stream shipments are subject to HQ review and approval, the LANL PU-238 Debris TA-55-43 waste stream is approved.

\*\* Assumes TRUPACT-II's will be available to meet generator site demand

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**Proposed Transuranic Waste Shipment Schedule**

88	RFETS	57	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/10/00	CAO and EPA inspections complete. WSPF not submitted.
89	RFETS	58	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/10/00	CAO and EPA inspections complete. WSPF not submitted.
90	RFETS	59	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/10/00	CAO and EPA inspections complete. WSPF not submitted.
91	RFETS	60	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/17/00	CAO and EPA inspections complete. WSPF not submitted.
92	RFETS	61	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/17/00	CAO and EPA inspections complete. WSPF not submitted.
93	RFETS	62	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/17/00	CAO and EPA inspections complete. WSPF not submitted.
94	RFETS	63	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/17/00	CAO and EPA inspections complete. WSPF not submitted.
95	INEEL	13	Graphite molds	Pending Approval of WSPF	1/24/00	WSPF not submitted.
96	RFETS	64	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/24/00	CAO and EPA inspections complete. WSPF not submitted.
97	RFETS	65	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/24/00	CAO and EPA inspections complete. WSPF not submitted.
98	SRS	1	Non-Mixed	Pending CAO Certification, EPA Approval and Approval of WSPF	1/24/00	
99	RFETS	66	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/24/00	CAO and EPA inspections complete. WSPF not submitted.
100	INEEL	14	Graphite molds	Pending Approval of WSPF	1/31/00	WSPF not submitted.
101	LANL	18	Pu-238 Debris TA-55-43	Yes	1/31/00	
102	RFETS	67	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/31/00	CAO and EPA inspections complete. WSPF not submitted.

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**Proposed Transuranic Waste Shipment Schedule**

103	RFETS	68	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/31/00	CAO and EPA inspections complete. WSPF not submitted.
104	RFETS	69	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	1/31/00	CAO and EPA inspections complete. WSPF not submitted.
105	INEEL	15	Graphite molds	Pending Approval of WSPF	2/7/00	WSPF not submitted.
106	INEEL	16	Graphite molds	Pending Approval of WSPF	2/7/00	WSPF not submitted.
107	RFETS	70	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/7/00	CAO and EPA inspections complete. WSPF not submitted.
108	RFETS	71	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/7/00	CAO and EPA inspections complete. WSPF not submitted.
109	RFETS	72	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/7/00	CAO and EPA inspections complete. WSPF not submitted.
110	INEEL	17	Graphite molds	Pending Approval of WSPF	2/14/00	WSPF not submitted.
111	INEEL	18	Graphite molds	Pending Approval of WSPF	2/14/00	WSPF not submitted.
112	LANL	19	Pu-238 Debris TA-55-43	Yes	2/14/00	
113	RFETS	73	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/14/00	CAO and EPA inspections complete. WSPF not submitted.
114	RFETS	74	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/14/00	CAO and EPA inspections complete. WSPF not submitted.
115	RFETS	75	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/14/00	CAO and EPA inspections complete. WSPF not submitted.
116	INEEL	19	Graphite molds	Pending Approval of WSPF	2/21/00	WSPF not submitted.
117	INEEL	20	Graphite molds	Pending Approval of WSPF	2/21/00	WSPF not submitted.

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**Proposed Transuranic Waste Shipment Schedule**

118	RFETS	76	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/21/00	CAO and EPA inspections complete. WSPF not submitted.
119	RFETS	77	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/21/00	CAO and EPA inspections complete. WSPF not submitted.
120	RFETS	78	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/21/00	CAO and EPA inspections complete. WSPF not submitted.
121	RFETS	79	Salt Residues	Pending CAO Certification, EPA Approval and Approval of WSPF	2/21/00	CAO and EPA inspections complete. WSPF not submitted.
122	INEEL	21	Graphite molds	Pending Approval of WSPF	2/28/00	WSPF not submitted.
123	LANL	20	Pu-238 Debris TA-55-43	Yes	2/28/00	

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- \*\* Assumes TRUPACT-II's will be available to meet generator site demand
- \*\*\* WSPF - Waste Stream Profile Form