Los Alamos
NATIONAL LABORATORY

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Date: November 30, 1994
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VIA FAX AND MAIL

Susan McMichael, Esq.
Assistant General Counsel
Office of the General Counsel
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: COMPLIANCE ORDER 94-09

Dear Ms. McMichael:

As we indicated to you in our telephone conversation on the afternoon of November 7, 1994, the Department of Energy (DOE) and the University of California (UC) (hereinafter collectively referred to as LANL or Respondents) would like to reach a stipulation with the New Mexico Environment Department (NMED) regarding revisions to the applicability and scope of, and time frames provided in, Ordered Action No. 23 in Compliance Order 94-09 (Order) to Respondents.

Ordered Action No. 23 requires LANL to ship, within ninety (90) days from receipt of the Order, "the containers at the TA-54 Area L gas cylinder storage area that have exceeded the one year storage limit to an authorized off-site facility, or provide proof that such storage is solely for the purpose of accumulation of such quantities as necessary to facilitate proper recovery, treatment, or disposal." These containers are identified previously in the Order in Finding No. 51 as follows: "Upon information and belief, at the TA 54 Area L gas cylinder storage area, approximately 644 containers of hazardous waste had exceeded the allowable one year storage limit for land disposal restricted waste." Conclusion No. 97 alleges that this storage beyond one year constitutes a violation of Section 801 of HWMR-7, which incorporates federal regulation 40 C.F.R. 268.50(b).

Respondents in Paragraphs 41 and 74 of their Answer stated in response to Finding No. 51, Conclusion No. 97 and Ordered Action No. 23 of the Order, that they believed that some or all of

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the cylinders were subject to a workoff plan, Gas 100, submitted to U.S.E.P.A. under a previously entered into Federal Facility Compliance Agreement. Respondents further stated that in compliance with this workoff plan, cylinders had been shipped off-site, subject to three categories of exceptions as follows: (1) no available treatment exists for some cylinders; (2) some cylinders are contaminated with radiological constituents and therefore, are not considered acceptable by treatment facilities; and (3) some cylinders are in such a condition that they are non-shippable under DOT regulations. Respondents also indicated in Paragraphs 41 and 74 and in the Nineteenth Affirmative Defense of their Answer that cylinders containing mixed waste [category (2) of the exceptions] are subject to and governed by the Federal Facility Compliance Act, Public Law 102-386, 102d Congress (FFCAct).

Since the filing of our Answer, we have obtained additional information regarding the status of various groups of the 644 cylinders and would like to reach an agreed upon stipulation that would address the status of the cylinders still (as of the date of this letter) onsite. We are transmitting with this letter a series of Tables that, when taken together, describe the status of each of 644 cylinders referred to in Finding 51 of the Order. In what follows we will describe each of the Tables and propose, where appropriate, the stipulation that we would like to enter into regarding the cylinders identified in the Table.

Table 1 identifies 485 cylinders that have been shipped offsite since the inspection took place in August, 1993. The shipment of these cylinders has typically occurred in rather large groupings of cylinders in discrete shipments, due to the fact that nationwide there are few facilities that will receive gas cylinders of the sort that LANL has, and these facilities have limited capacity at any one time to manage these cylinders. Consequently, LANL has had to arrange to get into the queue of such facilities in order to have its cylinders accepted for treatment and/or disposal.

Table 2 identifies 10 cylinders of hazardous waste that LANL currently has onsite that were not accepted by the facility that received LANL's most recent offsite shipment (which occurred 11/18/94). LANL has been able to arrange for another facility to receive these cylinders in January, 1995, and would respectfully request that NMED by stipulation grant an extension until the end of that month within which LANL can ship these 10 cylinders offsite.

Table 3 identifies 35 cylinders that LANL currently has onsite, the contents of which have been confirmed to be mixed waste. It is our understanding that these cylinders are subject to the FFCAct and will be subject to the site treatment plan to be submitted by Respondent DOE. We propose entering into a written stipulation with NMED that would provide for the removal of the gas cylinders containing mixed waste from the requirements of Ordered Action No. 23, with the understanding that the treatment of such gas cylinders will be addressed under the requirements of the FFCAct.

Table 4 identifies 83 cylinders that are undergoing further evaluation for radioactivity. These cylinders have previously undergone chemical and radiological characterization and all 83 cylinders have been confirmed to contain hazardous waste regulated in 40 C.F.R. 261, Subparts

C and D. However, 10 of the 83 cylinders contain material that causes severe interference during radiological analysis and therefore require further characterization in order to be properly characterized for radioactivity. In Table 4 the status of these cylinders is identified as "chemoluminescense" (chemical in gas interferes with measurement of radioactivity). An Additional 71 of the 83 cylinders have shown significant variance in measurement of radioactivity above a 95% level of confidence. This variance may be caused by actual added or induced radioactivity, or may be the result of false positive measurement. In Table 4 these cylinders are identified as "undergoing rad re-evaluation."

Table 4 identifies an additional 2 of the 83 cylinders as having either a stuck valve or cap. These cylinders require recontainerization by puncturing and recontainment into a secondary cylinder before full re-evaluation can occur. The recontainment procedure can be hazardous and requires special equipment not available at LANL. One company that LANL is familiar with moves such equipment about the country (it is mobile), but it remains to be seen whether or not such company will accept cylinders that have been preliminarily determined to be contaminated with radioactivity. Respondents propose to enter into a written stipulation that would provide that as long as LANL is diligently pursuing characterization of these cylinders (and if a cylinder is determined to contain hazardous waste only, diligently pursuing offsite shipment of such cylinder(s), LANL will not be adjudged out of compliance with Ordered Action No. 23). We would also propose that those cylinders that are confirmed to contain mixed waste become subject to the proposed stipulation relating to the FFCAct.

At the present time CST-5 of LANL, the group responsible for managing the gas cylinders, is working with LANL analytical groups capable of measuring radioactivity in compressed gas cylinders to re-evaluate apparent false positive measurements and to design an analytical procedure to measure gases that cause chemoluminescence. LANL is also examining the availability of commercially owned equipment that might be utilized to recontainerize the two cylinders that cannot be sampled and the one cylinder (described in Table 5, which is discussed immediately below) that does not meet DOT shipping requirements.

Table 5 identifies 10 cylinders of (non-mixed) hazardous waste that have not been shipped offsite because LANL has determined, after diligent inquiry, that there currently exists no commercial treatment or disposal capability for the contents of these cylinders. An eleventh cylinder is identified in Table 5 as not meeting DOT requirements and thus it cannot be shipped offsite until its contents are recontainerized. We propose entering into a stipulation that would provide that as long as LANL demonstrates that it is diligently pursuing treatment options for the 10 cylinders and recontainerization for the 11th, it would not be adjudged as out of compliance with Ordered Action No. 23.

Finally, Table 6 identifies 20 cylinders that have been determined to not contain hazardous waste and thus are not subject to RCRA/HWA. These cylinders need not be shipped offsite as they are not subject to the one year storage prohibition under LDR. We propose to so stipulate as to these 20 cylinders.

It is Respondents' desire, as expressed above, to enter into a written stipulation with NMED that would address the 159 cylinders identified in Tables 2-6. We are also prepared to identify further, should you so desire, those steps that have been taken and that will be taken to address treatment of the wastes contained in these cylinders. Our technical people are available, of course, to meet with NMED's technical people to discuss any issues that may be of concern regarding the gas cylinders.

As the 90 day deadline for Ordered Action No. 23 is fast approaching, we would appreciate your getting back to us as soon as possible regarding this matter. As discussed in our telephone conversation on November 7, 1994, the process for entering into the written stipulation should probably involve an order by the Hearing Officer, and this further compresses our time frame for resolution. Thank you very much for your consideration of this matter.

Sincerely,

Lisa Cummings, Esq.
Counsel for Respondent
Department of Energy

Joseph B. Rochelle by SL

Joseph B. Rochelle, Esq.
Counsel for Respondent
University of California

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
1	903170		DEUTERATED METHANE-13	D001	SHIPPED OFF-SITE	1/13/92
2	910D1397		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	1/13/92
3	900385		AIR,NO2,N2O,N(15)O2	P076	SHIPPED OFF-SITE	11/4/93
4	900386		AIR,TRACE ENRICHED NO	P076	SHIPPED OFF-SITE	11/4/93
5	900387		NO2,AIR,TRACE ENRICHED,NO2	P076	SHIPPED OFF-SITE	11/4/93
6	900786		NITROGEN DIOXIDE	P076	SHIPPED OFF-SITE	11/4/93
7	906787		AR,N2,N(15)O2,N(15)O(18)2	P076	SHIPPED OFF-SITE	11/4/93
8	900837		NO2,ENRICHED NO2	P076	SHIPPED OFF-SITE	11/4/93
9	90237800		NO,TRACE NO2,ENRICHED NO,TRACE CO2	P076	SHIPPED OFF-SITE	11/4/93
10	903140		AIR,NO2,N2O	P076	SHIPPED OFF-SITE	11/4/93
11	903171		NITROUS OXIDE	P076	SHIPPED OFF-SITE	11/4/93
12	909807		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
13	909812		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
14	909814		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
15	909823		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
16	909826		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
17	909829		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
18	909831		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
19	909833		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
20	909848		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
21	909847		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
22	909846		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
23	909849		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
24	909850		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
25	909851		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
26	909852		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
27	909853		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
28	909854		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
29	909856		NO, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
30	910D1411		CARBON MONOXIDE,CERTIFIED	D001	SHIPPED OFF-SITE	11/4/93
31	910D1412		NITRIC OXIDE,CERTIFIED	P076	SHIPPED OFF-SITE	11/4/93
32	910D1418		KFG MIXTURE,CERTIFIED,NO2,N2O	P076	SHIPPED OFF-SITE	11/4/93
33	91002056		HYDROGEN	D001	SHIPPED OFF-SITE	11/4/93

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CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
34	91002743		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
35	91002744		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
36	91002745		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
37	91002746		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
38	91002747		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
39	91002748		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
40	91002749		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
41	91002750		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
42	91002751		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
43	91002752		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
44	91002753		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
45	91002754		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
46	91002755		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
47	91002756		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
48	91002757		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
49	91002758		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
50	91002759		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
51	91002760		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
52	91002761		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
53	91002762		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
54	91002763		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
55	91002764		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
56	91002765		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
57	91002766		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
58	91002767		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
59	91002768		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
60	91002769		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
61	91002770		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
62	91002771		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
63	91002772		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
64	91002773		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
65	91002774		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
66	91002775		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93

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#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
67	91002776		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
68	91002777		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
69	91002778		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
70	91002779		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
71	91002780		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
72	91002781		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
73	91002782		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
74	91002783		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
75	91002784		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
76	91002785		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
77	91002786		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
78	91002787		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
79	91002788		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
80	91007408		HYDROGEN SULFIDE	P076	SHIPPED OFF-SITE	11/4/93
81	91007412		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	11/4/93
82	91007413		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	11/4/93
83	91007414		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	11/4/93
84	91007574		SO2	U135	SHIPPED OFF-SITE	11/4/93
85	91007581		NITROGEN DIOXIDE, CERTIFIED	D003	SHIPPED OFF-SITE	11/4/93
86	91007582		NITROGEN DIOXIDE, CERTIFIED	P078	SHIPPED OFF-SITE	11/4/93
87	91007583		NITROGEN DIOXIDE, CERTIFIED	P078	SHIPPED OFF-SITE	11/4/93
88	91007584		NITROGEN DIOXIDE, CERTIFIED	P078	SHIPPED OFF-SITE	11/4/93
89	91007585		NITROGEN DIOXIDE, CERTIFIED	P078	SHIPPED OFF-SITE	11/4/93
90	91007586		NITRIC OXIDE, CERTIFIED	P078	SHIPPED OFF-SITE	11/4/93
91	91007587		NITRIC OXIDE, CERTIFIED	P076	SHIPPED OFF-SITE	11/4/93
92	91007588		NITRIC OXIDE, CERTIFIED	P076	SHIPPED OFF-SITE	11/4/93
93	C91025603		HYDROGEN SULFIDE	P076	SHIPPED OFF-SITE	11/4/93
94	C91025618		FREON-12 (DICHLORODIFLUOROMETHANE)	U135	SHIPPED OFF-SITE	11/4/93
95	C91025619		FREON-12 (DICHLORODIFLUOROMETHANE)	U075	SHIPPED OFF-SITE	11/4/93
96	C91025621		O2,H2S/ CS	U075	SHIPPED OFF-SITE	11/4/93
97	C91026985		CARBONYL SULFIDE	D002	SHIPPED OFF-SITE	11/4/93
98	C92026920		NITRIC OXIDE, EMPTY	D003	SHIPPED OFF-SITE	11/4/93
99	C92026921		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	11/4/93
				P076	SHIPPED OFF-SITE	11/4/93

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CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
100	C92026925		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	11/4/93
101	C92026930		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	11/4/93
102	C92026941		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	11/4/93
103	C92026944		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	11/4/93
104	C92026975		NITRIC OXIDE	P076	SHIPPED OFF-SITE	11/4/93
105	C92026976		NITRIC OXIDE	P076	SHIPPED OFF-SITE	11/4/93
106	C92026978		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	11/4/93
107	C92029603		MONOMETHYL AMINE	D001	SHIPPED OFF-SITE	11/4/93
108	C92029835		AIR, TRACE H2S	D002	SHIPPED OFF-SITE	11/4/93
109	907436		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	12/22/93
110	907438		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	12/22/93
111	907439		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	12/22/93
112	907471		ARGON ,FLUORINE	D002	SHIPPED OFF-SITE	12/22/93
113	907544		HCL ,HF	D002	SHIPPED OFF-SITE	12/22/93
114	907546		HCL HF	D002	SHIPPED OFF-SITE	12/22/93
115	907866		HCL	D002	SHIPPED OFF-SITE	12/22/93
116	907867		HCL	D002	SHIPPED OFF-SITE	12/22/93
117	907868		HCL	D002	SHIPPED OFF-SITE	12/22/93
118	907870		HCL	D002	SHIPPED OFF-SITE	12/22/93
119	907871		HCL	D002	SHIPPED OFF-SITE	12/22/93
120	907873		HCL	D002	SHIPPED OFF-SITE	12/22/93
121	907875		HCL	D002	SHIPPED OFF-SITE	12/22/93
122	907877		HCL	D002	SHIPPED OFF-SITE	12/22/93
123	907878		HCL	D002	SHIPPED OFF-SITE	12/22/93
124	907882		HCL	D002	SHIPPED OFF-SITE	12/22/93
125	908799		NEON,HCL	D002	SHIPPED OFF-SITE	12/22/93
126	908806		AR,KR,F	D002	SHIPPED OFF-SITE	12/22/93
127	908975		NE,KR,HE,F	D002	SHIPPED OFF-SITE	12/22/93
128	909087		NE,KR,HE,F2	D002	SHIPPED OFF-SITE	12/22/93
129	909088		NE,KR,HE,F2,AR	D002	SHIPPED OFF-SITE	12/22/93
130	909091		NE,KR,HE,F2	D002	SHIPPED OFF-SITE	12/22/93
131	909092		KR,F2	D002	SHIPPED OFF-SITE	12/22/93
132	909122		AR,F2,TRACE SIF4	D002	SHIPPED OFF-SITE	12/22/93

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CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
133	909123		ARGON,F2	D002	SHIPPED OFF-SITE	12/22/93
134	909144		AR,F2	D002	SHIPPED OFF-SITE	12/22/93
135	909214		AR,TRACE HF,NE,HCL	D002	SHIPPED OFF-SITE	12/22/93
136	91001432		N2,AR,CL2,F2,TRACE:O2,BRCL,HBR	D002	SHIPPED OFF-SITE	12/22/93
137	91001433		AIR,NE,AR,F2,TRACE XE,HE	D002	SHIPPED OFF-SITE	12/22/93
138	91001435		AR,FLUORINE	D002	SHIPPED OFF-SITE	12/22/93
139	91001440		AR,HE,KR,F2	D002	SHIPPED OFF-SITE	12/22/93
140	91001442		AR,HE,F2,TRACE CL2, TRACE H2O	D002	SHIPPED OFF-SITE	12/22/93
141	91001444		HE,NE,AR,AIR,F2,HCL	D002	SHIPPED OFF-SITE	12/22/93
142	91001538		TRACE HE,NE,F2,XE, TRACE H20	D002	SHIPPED OFF-SITE	12/22/93
143	91001540		ARGON,FLUORINE CHLORINE	D002	SHIPPED OFF-SITE	12/22/93
144	91001541		AR,F2,HE,XE,NE	D002	SHIPPED OFF-SITE	12/22/93
145	91001542		HE,NE,XE,TRACE AR,TRACE F2	D002	SHIPPED OFF-SITE	12/22/93
146	91001570		N2,AR,CL2,F2,TRACE:BRCL,BR	D002	SHIPPED OFF-SITE	12/22/93
147	91001571		F2,NE,HE,XE,AR,(TRACE:CL2,HCL)	D002	SHIPPED OFF-SITE	12/22/93
148	91001787		HELIUM,F2	D002	SHIPPED OFF-SITE	12/22/93
149	91001830		HE,KR,F2, TRACE:AR,AIR,H2O	D002	SHIPPED OFF-SITE	12/22/93
150	91001831		NE,AR,AIR,KR,F2	D002	SHIPPED OFF-SITE	12/22/93
151	91001834		AIR, TRACE AR,F2	D002	SHIPPED OFF-SITE	12/22/93
152	91001835		HE,KR,AR,F2	D002	SHIPPED OFF-SITE	12/22/93
153	907886		HCL,AR	D002	SHIPPED OFF-SITE	12/22/93
154	908255		HCL,HF	D002	SHIPPED OFF-SITE	12/22/93
155	908256		HCL,HF	D002	SHIPPED OFF-SITE	1/27/94
156	908875		AR,F2	D002	SHIPPED OFF-SITE	1/27/94
157	908876		AR,TRACE F2	D002	SHIPPED OFF-SITE	1/27/94
158	909073		AR,F2,KRYPTON	D002	SHIPPED OFF-SITE	1/27/94
159	909081		HE,KR,F2	D002	SHIPPED OFF-SITE	1/27/94
160	91001446		AR,CL2,F2	D002	SHIPPED OFF-SITE	1/27/94
161	91001838		AR,F2	D002	SHIPPED OFF-SITE	1/27/94
162	91002140		HF,(TRACE HCL,CL2,DF)	D002	SHIPPED OFF-SITE	1/27/94
163	91004627		201627 F2,AR,CO2,O2,HF,TRACE:CL2,CF4	D002	SHIPPED OFF-SITE	1/27/94
164	91004628		TWH818888 F2,O2,AR,CO2,N2,TRACE:CL2,CO2	D002	SHIPPED OFF-SITE	1/27/94
165	91007108		TWH828394 HCL,ARGON	D002	SHIPPED OFF-SITE	1/27/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
166	91007142		TWH826389 HCL,AR,BCL3	D003	SHIPPED OFF-SITE	1/27/94
167	91007519		TWH826377 HCL,ARGON	D002	SHIPPED OFF-SITE	1/27/94
168	903060		ISOBUTANE	D001	SHIPPED OFF-SITE	3/18/94
169	901036		DIFLUOROETHANE,AIR	D001	SHIPPED OFF-SITE	3/18/94
170	904022		ISOBUTANE	D001	SHIPPED OFF-SITE	3/18/94
171	904306		ISOBUTANE	D001	SHIPPED OFF-SITE	3/18/94
172	907342		BUTADIENE,ARGON	D001	SHIPPED OFF-SITE	3/18/94
173	907343		BUTADIENE	D001	SHIPPED OFF-SITE	3/18/94
174	907356		1,1,1-CHLORODIFLUOROETHANE	D001	SHIPPED OFF-SITE	3/18/94
175	907357		DIFLUOROETHANE	D001	SHIPPED OFF-SITE	3/18/94
176	908987		METHYL BROMIDE	U029	SHIPPED OFF-SITE	3/18/94
177	908909		BUTADIENE	D001	SHIPPED OFF-SITE	3/18/94
178	91001341		PROPYLENE	D001	SHIPPED OFF-SITE	3/18/94
179	91001367		AIR,PROPYLENE,AR	D001	SHIPPED OFF-SITE	3/18/94
180	91001527		CO,TRACE H2O,AR,CO2	D001	SHIPPED OFF-SITE	3/18/94
181	91001549		AIR,CH4,AR	D001	SHIPPED OFF-SITE	3/18/94
182	91001563		PROPYLENE	D001	SHIPPED OFF-SITE	3/18/94
183	91001624		ETHANE	D001	SHIPPED OFF-SITE	3/18/94
184	91002014		ETHYLENE	D001	SHIPPED OFF-SITE	3/18/94
185	91002030		ETHANE	D001	SHIPPED OFF-SITE	3/18/94
186	91002032		METHANE	D001	SHIPPED OFF-SITE	3/18/94
187	91002034		ETHANE	D001	SHIPPED OFF-SITE	3/18/94
188	91002050		PROPANE	D001	SHIPPED OFF-SITE	3/18/94
189	91002051		METHYL CHLORIDE,N2,TRACE O2	D001	SHIPPED OFF-SITE	3/18/94
190	91002052		ETHYL CHLORIDE	U045	SHIPPED OFF-SITE	3/18/94
191	91000856		FLUORINE	D001	SHIPPED OFF-SITE	3/18/94
192	91000857		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	4/12/94
193	91000858		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	4/12/94
194	91000859		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	4/12/94
195	91000863		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	4/12/94
196	91000865		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	4/12/94
197	91000871		FLUORINE, EMPTY	P056	SHIPPED OFF-SITE	4/12/94
198	91000873		FLUORINE, EMPTY	P056	SHIPPED OFF-SITE	4/12/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
199	91004874		FLUORINE, EMPTY	P056	SHIPPED OFF-SITE	4/12/94
200	909926		ETHANE,XENON	D001	SHIPPED OFF-SITE	4/22/94
201	91004850		GENETRON-152A,DIFLUOROETHANE	D001	SHIPPED OFF-SITE	4/22/94
202	91003782		TWH543971 CH3CL	U045	SHIPPED OFF-SITE	4/22/94
203	91003784		AA12225 AR,C2H2,TRACE ACETONE,AIR,TRACE BUT	D001	SHIPPED OFF-SITE	4/22/94
204	91003786		AR,ISOBUTENE,ETHYL ACETYLENE	D001	SHIPPED OFF-SITE	4/22/94
205	91003788		AA16887 C3H8	D001	SHIPPED OFF-SITE	4/22/94
206	91003789		TWH018884 PROPANE	D001	SHIPPED OFF-SITE	4/22/94
207	91004091		AA4419 AR,C2H2,AIR,ACETONE	D001	SHIPPED OFF-SITE	4/22/94
208	91007149		TWH463441 CH3CHF2,ARGON	D001	SHIPPED OFF-SITE	4/22/94
209	90000003		PHOSGENE	P095	SHIPPED OFF-SITE	4/22/94
210	90000037		CARBONYL SULFIDE	D003	SHIPPED OFF-SITE	5/12/94
211	90000065		METHYL MERCAPTAN	U153	SHIPPED OFF-SITE	5/12/94
212	90000079		HCL	D002	SHIPPED OFF-SITE	5/12/94
213	90000110		HCL,TRACE HBR,AIR	D002	SHIPPED OFF-SITE	5/12/94
214	900110		NITRIC OXIDE,TRACE NITROUS OXIDE	P076	SHIPPED OFF-SITE	5/12/94
215	900111		NO,TRACE N2O	P078	SHIPPED OFF-SITE	5/12/94
216	90011300		METHYL BROMIDE	U029	SHIPPED OFF-SITE	5/12/94
217	90240200		NO,TRACE NO2	P076	SHIPPED OFF-SITE	5/12/94
218	90240300		HYDROGEN,DEUTERIUM	D001	SHIPPED OFF-SITE	5/12/94
219	907397		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	5/12/94
220	907420		NO2,N2O,NO	P078	SHIPPED OFF-SITE	5/12/94
221	907421		NO2,N2O,NO	P076	SHIPPED OFF-SITE	5/12/94
222	907422		NO2,N2O,NO	P078	SHIPPED OFF-SITE	5/12/94
223	907423		NITRIC OXIDE	P076	SHIPPED OFF-SITE	5/12/94
224	907456		ARGON ,FLUORINE	D002	SHIPPED OFF-SITE	5/12/94
225	907488		HELIUM,ARGON,CL2,HF,F2	D002	SHIPPED OFF-SITE	5/12/94
226	907493		H2,HF,HCL	D002	SHIPPED OFF-SITE	5/12/94
227	907549		HCL,HF,AR	D002	SHIPPED OFF-SITE	5/12/94
228	907644		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	5/12/94
229	907810		ARGON,HYDROGEN FLUORIDE	D002	SHIPPED OFF-SITE	5/12/94
230	907833		ARH2S	D002	SHIPPED OFF-SITE	5/12/94
231	907884		HCL	D002	SHIPPED OFF-SITE	5/12/94

TABLE 1 -- GAS CYLINDERS IN NMED ORDER 94-09
CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
232	907868		HCl	D002	SHIPPED OFF-SITE	5/12/94
233	907876		HCL	D002	SHIPPED OFF-SITE	5/12/94
234	907879		HCL	D002	SHIPPED OFF-SITE	5/12/94
235	908003		CYANOGEN	P031	SHIPPED OFF-SITE	5/12/94
236	908004		CYANOGEN	P031	SHIPPED OFF-SITE	5/12/94
237	908050		HYDROCARBON IN AIR,CERTIFIED	D001	SHIPPED OFF-SITE	5/12/94
238	908779		NO	P078	SHIPPED OFF-SITE	5/12/94
239	908797		HE,HCL,NO	D002	SHIPPED OFF-SITE	5/12/94
240	908806		HYDROGEN CHLORIDE,TRACE HF	D002	SHIPPED OFF-SITE	5/12/94
241	908868		AR,F	D002	SHIPPED OFF-SITE	5/12/94
242	908893		AR,F	D002	SHIPPED OFF-SITE	5/12/94
243	908894		AR,F	D002	SHIPPED OFF-SITE	5/12/94
244	908972		AR,F	D002	SHIPPED OFF-SITE	5/12/94
245	908976		NE,KR,HE,F	D002	SHIPPED OFF-SITE	5/12/94
246	908977		NE,KR,HE,F2	D002	SHIPPED OFF-SITE	5/12/94
247	908979		AR,KR,F	D002	SHIPPED OFF-SITE	5/12/94
248	908983		AR,F	D002	SHIPPED OFF-SITE	5/12/94
249	909042		F2,AR,TRACE CL2,TRACE CH4,HF,CO2,O2	D002	SHIPPED OFF-SITE	5/12/94
250	909148		HE,F	D002	SHIPPED OFF-SITE	5/12/94
251	909169		HE,F2,AR,TRACE:CO2,O2,N2	D002	SHIPPED OFF-SITE	5/12/94
252	909210		NO,TRACE N2O	P078	SHIPPED OFF-SITE	5/12/94
253	909211		NO,(TRACE N2O)	P078	SHIPPED OFF-SITE	5/12/94
254	909217		H2,HF,HCL	D002	SHIPPED OFF-SITE	5/12/94
255	91001368		AIR,PROPYLENE	D001	SHIPPED OFF-SITE	5/12/94
256	91001371		SILANE	D001	SHIPPED OFF-SITE	5/12/94
257	91001379		CO2,O2,AR	D001	SHIPPED OFF-SITE	5/12/94
258	91001385		HYDROGEN	D001	SHIPPED OFF-SITE	5/12/94
259	91001394		CL2,HCL	D002	SHIPPED OFF-SITE	5/12/94
260	91001402		AMMONIA,(TRACE N2O,AR)	D002	SHIPPED OFF-SITE	5/12/94
261	91001429		CL2,BR2,HCL,BRCL,N2O,(TR, HF,AR)	D002	SHIPPED OFF-SITE	5/12/94
262	91001439		AR,F2,HCL,N2,TRACE CL2	D002	SHIPPED OFF-SITE	5/12/94
263	91001450		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
264	91001451		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94

TABLE 1 -- GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
265	91001454		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
266	91001465		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
267	91001466		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
268	91001467		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
269	91001468		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
270	91001469		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
271	91001472		BORON TRICHLORIDE AR	D003	SHIPPED OFF-SITE	5/12/94
272	91001479		BORON TRICHLORIDE	D003	SHIPPED OFF-SITE	5/12/94
273	91001491		BORON TRIFLUORIDE,CERTIFIED	D002	SHIPPED OFF-SITE	5/12/94
274	91001520		FREON 12 (DICHLORODIFLUOROMETHANE)	U075	SHIPPED OFF-SITE	5/12/94
275	91001543		HE,KR,TRACE H2O,F2	D002	SHIPPED OFF-SITE	5/12/94
276	91001568		SILANE	D001	SHIPPED OFF-SITE	5/12/94
277	91001560		SIH4,N2,(TRACE AR,H2)	D003	SHIPPED OFF-SITE	5/12/94
278	91001572		HF,H2O,AR,HCL,TRACE CL2,BR,BRCL,HF	D002	SHIPPED OFF-SITE	5/12/94
279	91001573		HCL,HF,(TRACE CL2,BR2,BRCL,HBR)	D002	SHIPPED OFF-SITE	5/12/94
280	91001788		F2,CL2,AR,N2,O2,CO2,TRACE CF4	D002	SHIPPED OFF-SITE	5/12/94
281	91001770		ARGON,TRACE F2	D002	SHIPPED OFF-SITE	5/12/94
282	91001825		CL2,O2,F2,TRACE CHLOROFLUOROCARBONS,HF	D002	SHIPPED OFF-SITE	5/12/94
283	91001832		HE,XF,AIR,H2O,TRACE AR,F2	D002	SHIPPED OFF-SITE	5/12/94
284	91001833		AIR,AR,TRACE CL2,F2	D002	SHIPPED OFF-SITE	5/12/94
285	91001844		HYDROGEN SULFIDE,CERTIFIED	U135	SHIPPED OFF-SITE	5/12/94
286	91001846		BORON TRICHLORIDE ,CERTIFIED	D003	SHIPPED OFF-SITE	5/12/94
287	91001846		BORON TRICHLORIDE,CERTIFIED	D003	SHIPPED OFF-SITE	5/12/94
288	91001847		METHYL BROMIDE,CERTIFIED	U029	SHIPPED OFF-SITE	5/12/94
289	91001849		METHYL CHLORIDE,CERTIFIED	U045	SHIPPED OFF-SITE	5/12/94
290	91001861		BORON TRICHLORIDE,CERTIFIED	D003	SHIPPED OFF-SITE	5/12/94
291	91001858		NITROGEN DIOXIDE	P078	SHIPPED OFF-SITE	5/12/94
292	91001868		BORON TRICHLORIDE,CERTIFIED	D003	SHIPPED OFF-SITE	5/12/94
293	91001884		AR,F2,TRACE CL2	D002	SHIPPED OFF-SITE	5/12/94
294	91001952		N2,AR	P076	SHIPPED OFF-SITE	5/12/94
295	91002023		OXYGEN	D001	SHIPPED OFF-SITE	5/12/94
296	91002026		O2,TRACE N2	D001	SHIPPED OFF-SITE	5/12/94
297	91002029		HYDROGEN	D001	SHIPPED OFF-SITE	5/12/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
298	91002123		PHOSPHINE	P096	SHIPPED OFF-SITE	5/12/94
299	91002157		PHOSGENE	P095	SHIPPED OFF-SITE	5/12/94
300	91002158		F2,CL2,N2,O2,AR,TRACE:CO2	D002	SHIPPED OFF-SITE	5/12/94
301	91002160		HYDROGEN SULFIDE,(TRACE HCL)	U135	SHIPPED OFF-SITE	5/12/94
302	91002863		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	5/12/94
303	91003578		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	5/12/94
304	91004457		DICHLORODIFLUOROMETHANE, CERTIFIED	U075	SHIPPED OFF-SITE	5/12/94
305	91004458		DICHLORODIFLUOROMETHANE, CERTIFIED	U075	SHIPPED OFF-SITE	5/12/94
306	91004615		TWH916892 AR,KR,F2,AIR	D002	SHIPPED OFF-SITE	5/12/94
307	91007144		TWH926490 HCL,AR,TRACE:HBR,SIF4	D002	SHIPPED OFF-SITE	5/12/94
308	C92027473		HYDROGEN CHLORIDE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
309	C92027474		HYDROGEN CHLORIDE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
310	C92027475		HYDROGEN CHLORIDE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
311	C92027476		FLUORINE	D002	SHIPPED OFF-SITE	5/12/94
312	C92027477		FLUORINE MIXTURE	P036	SHIPPED OFF-SITE	5/12/94
313	C92027478		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
314	C92027481		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
315	C92027482		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
316	C92027483		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
317	C92027484		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
318	C92027485		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
319	C92027486		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
320	C92027488		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
321	C92027489		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
322	C92027490		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
323	C92027491		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
324	C92027492		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
325	C92027493		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
326	C92027494		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
327	C92027495		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
328	C92027496		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
329	C92027497		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
330	C92027498		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
331	C92027499		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
332	C92027500		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
333	C92027501		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
334	C92027502		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
335	C92027503		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
336	C92027504		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
337	C92027505		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
338	C92027506		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
339	C92027507		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
340	C92027508		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
341	C92027509		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
342	C92027510		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
343	C92027511		FLUORINE MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
344	C92027512		HYDROGEN FLUORIDE	U134	SHIPPED OFF-SITE	5/12/94
345	C92027513		SULFUR HEXAFLUORIDE	D002	SHIPPED OFF-SITE	5/12/94
346	C92027846		F2,NE,KR	D002	SHIPPED OFF-SITE	5/12/94
347	C92027847		F2,NE,KR	D002	SHIPPED OFF-SITE	5/12/94
348	C92027848		F2,AR	D002	SHIPPED OFF-SITE	5/12/94
349	C92027849		F2,KR,HE	D002	SHIPPED OFF-SITE	5/12/94
350	C92027850		FLUORINE LASER MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
351	C92027851		F2,KR,NE	D002	SHIPPED OFF-SITE	5/12/94
352	C92027852		FLUORINE	D002	SHIPPED OFF-SITE	5/12/94
353	C92027854		F2 MIXTURE,AR	P056	SHIPPED OFF-SITE	5/12/94
354	C92027856		F2,KR,HE	D002	SHIPPED OFF-SITE	5/12/94
355	C92027856		F2 MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
356	C92027857		F2,HE	D002	SHIPPED OFF-SITE	5/12/94
357	C92027858		F2,NE	D002	SHIPPED OFF-SITE	5/12/94
358	C92027859		F2,KR,HE	D002	SHIPPED OFF-SITE	5/12/94
359	C92027860		F2 MIXTURE,AR	D002	SHIPPED OFF-SITE	5/12/94
360	C92027861		F2,KR,HE	D002	SHIPPED OFF-SITE	5/12/94
361	C92027862		F2 MIXTURE,AR	D002	SHIPPED OFF-SITE	5/12/94
362	C92027863		F2	D002	SHIPPED OFF-SITE	5/12/94
363	C92027864		F2,NE	P056	SHIPPED OFF-SITE	5/12/94
				D002	SHIPPED OFF-SITE	5/12/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
364	C92027865		F2 LASER MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
365	C92027866		F2 MIXTURE,AR	D002	SHIPPED OFF-SITE	5/12/94
366	C92027867		F2 MIXTURE,AR	D002	SHIPPED OFF-SITE	5/12/94
367	C92027868		F2	P056	SHIPPED OFF-SITE	5/12/94
368	C92027869		F2 LASER MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
369	C92027870		F2 MIXTURE,ARGON	D002	SHIPPED OFF-SITE	5/12/94
370	C92027871		F2 MIXTURE,ARGON	D002	SHIPPED OFF-SITE	5/12/94
371	C92027872		F2 MIXTURE,AR	D002	SHIPPED OFF-SITE	5/12/94
372	C92027873		F2 LASER MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
373	C92027877		F2,N2	D002	SHIPPED OFF-SITE	5/12/94
374	C92027878		F2 MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
375	C92027880		F2 MIXTURE,AR	D002	SHIPPED OFF-SITE	5/12/94
376	C92027881		F2 MIXTURE,F2,HE	D002	SHIPPED OFF-SITE	5/12/94
377	C92027882		F2,HE	D002	SHIPPED OFF-SITE	5/12/94
378	C92027883		F2 MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
379	C92027884		F2,HE	D002	SHIPPED OFF-SITE	5/12/94
380	C92027885		F2 MIXTURE	D002	SHIPPED OFF-SITE	5/12/94
381	C92027886		F2,HE	D002	SHIPPED OFF-SITE	5/12/94
382	C92027887		XE,F2	D002	SHIPPED OFF-SITE	5/12/94
383	C92027888		F2 MIXTURE, ARGON	D002	SHIPPED OFF-SITE	5/12/94
384	C92027890		XE,CL2	D002	SHIPPED OFF-SITE	5/12/94
385	C92027891		HE,HCL	D002	SHIPPED OFF-SITE	5/12/94
386	C92027893		F2,N2	D002	SHIPPED OFF-SITE	5/12/94
387	C92029832		H2S	U135	SHIPPED OFF-SITE	5/12/94
388	907320		OXYGEN,TRACE ARGON	D001	SHIPPED OFF-SITE	5/12/94
389	907301		H2,HF,(TRACE CH4,HCL,SIF4,AR)	D001	SHIPPED OFF-SITE	5/25/94
390	907303		H2,HF,AR,(TRACE CH4,HCL,SIF4)	D002	SHIPPED OFF-SITE	5/25/94
391	907687		PHOSPHINE	P096	SHIPPED OFF-SITE	5/25/94
392	907714		H2,CH4,HF,HCL,AR,SIF4	D002	SHIPPED OFF-SITE	5/25/94
393	908678		F2,TRACE CL2,CO2,O2,AR	P056	SHIPPED OFF-SITE	5/25/94
394	91000854		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	5/25/94
395	91000855		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	5/25/94
396	91000870		FLUORINE, CERTIFIED	P056	SHIPPED OFF-SITE	5/25/94

TABLE 1 -- GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
397	91001462		CHLORINE TRIFLUORIDE,CERTIFIED	D002	SHIPPED OFF-SITE	5/25/94
398	91001489		ARSENIC TRIFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	5/25/94
399	91001490		ARSENIC TRIFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	5/25/94
400	91001620		CO,(TRACE AR,O2)	D001	SHIPPED OFF-SITE	5/25/94
401	91001629		AR,HF(TRACE SIF4,F2)	D002	SHIPPED OFF-SITE	5/25/94
402	91004614		TU-H810752,KR,AR,F2	D002	SHIPPED OFF-SITE	5/25/94
403	91004617		TWH816889 F2,AR,HE	D002	SHIPPED OFF-SITE	5/25/94
404	91004618		ARGON, FLUORINE	D002	SHIPPED OFF-SITE	5/25/94
405	91004621		130722 AR,O2,CL2,HF,F2,N2,TRACE:SIF4,CF4	D002	SHIPPED OFF-SITE	5/25/94
406	91004622		R130708 AR,CO2,HF,CL2,HCL,CF3CL	D002	SHIPPED OFF-SITE	5/25/94
407	91005185		H76826 HF,H2,N2	D002	SHIPPED OFF-SITE	5/25/94
408	91005187		AA7906 HF,AR,H2	D002	SHIPPED OFF-SITE	5/25/94
409	91005188		AA1414 HF,AR	D002	SHIPPED OFF-SITE	5/25/94
410	91007146		R130699 AR,HCL,TRACE:BCL3,BF3	D002	SHIPPED OFF-SITE	5/25/94
411	91007150		TWH826393 PHOSPHINE ARGON	D003	SHIPPED OFF-SITE	5/25/94
412	91007153		TWH826390 CH3CL3SI,AR,HCL	P096	SHIPPED OFF-SITE	5/25/94
413	91007525		TWH826407 H2,HCL,SIF4,AR	D002	SHIPPED OFF-SITE	5/25/94
414	91007526		TWH826372 H2,HCL,HF,AIR,AR,TRACE:SIF4,CO2	D002	SHIPPED OFF-SITE	5/25/94
415	908048		TETRAFLUOROETHYLENE,CERTIFIED	D002	SHIPPED OFF-SITE	5/25/94
416	908051		TETRAFLUOROETHYLENE,CERTIFIED	D001	SHIPPED OFF-SITE	5/25/94
417	908170		HYDROGEN (DEUTERIUM)	D001	SHIPPED OFF-SITE	5/25/94
418	91000652		DIFLUOROETHANE	D001	SHIPPED OFF-SITE	5/25/94
419	91000653		DIFLUOROETHANE	D001	SHIPPED OFF-SITE	5/25/94
420	91001013		HYDROGEN,CO2	D001	SHIPPED OFF-SITE	5/25/94
421	91001392		H2,DEUTERIUM,H2O,TRACE: AR,O2,N2	D001	SHIPPED OFF-SITE	5/25/94
422	91001403		TRIETHYLALUMINUM,CERTIFIED	D001	SHIPPED OFF-SITE	5/25/94
423	91001523		C2H6,H2,CH4,TRACE ARGON	D003	SHIPPED OFF-SITE	5/25/94
424	91005216		AA5119 AR,AIR,ACETYLENE,H2O,TRACE TETRAFLUO	D001	SHIPPED OFF-SITE	5/25/94
425	91007157		TWH826373 SILANE ARGON	D001	SHIPPED OFF-SITE	5/25/94
426	C92029792		ARGON, OXYGEN	D001	SHIPPED OFF-SITE	5/25/94
427	904611		HYDROGEN SULFIDE	D001	SHIPPED OFF-SITE	5/24/94
428	904612		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	5/28/94
429	904613		HYDROGEN SULFIDE	U135	SHIPPED OFF-SITE	5/28/94
				U135	SHIPPED OFF-SITE	5/28/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
430	907437		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	6/28/94
431	909077		AR,KR,F2	D002	SHIPPED OFF-SITE	6/28/94
432	909141		AR,F	D002	SHIPPED OFF-SITE	6/28/94
433	909977		PROPANE,CO2	D001	SHIPPED OFF-SITE	6/28/94
434	909936		CH4,CO2	D001	SHIPPED OFF-SITE	6/28/94
435	91001463		ARSENIC PENTAFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	6/28/94
436	91001464		ARSENIC PENTAFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	6/28/94
437	91001465		ARSENIC PENTAFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	6/28/94
438	91001466		ARSENIC PENTAFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	6/28/94
439	91001468		ARSENIC TRIFLUORIDE,CERTIFIED	D004	SHIPPED OFF-SITE	6/28/94
440	91001854		SELENIUM HEXAFLUORIDE,CERTIFIED	D010	SHIPPED OFF-SITE	6/28/94
441	91001856		SELENIUM HEXAFLUORIDE,CERTIFIED	D010	SHIPPED OFF-SITE	6/28/94
442	91001886		H2	D001	SHIPPED OFF-SITE	6/28/94
443	91002741		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	6/28/94
444	91002742		NITRIC OXIDE, EMPTY	P076	SHIPPED OFF-SITE	6/28/94
445	91002853		NITROGEN DIOXIDE	P076	SHIPPED OFF-SITE	6/28/94
446	91005275		NITRIC OXIDE	P076	SHIPPED OFF-SITE	6/28/94
447	91005290		TWH543974 HELIUM,HCL	D002	SHIPPED OFF-SITE	6/28/94
448	91007742		FLUORINE NITRATE	D001	SHIPPED OFF-SITE	6/28/94
449	90000113		ISOBUTENE,N2	D001	SHIPPED OFF-SITE	6/28/94
450	90000115		CYANOGEN	P031	SHIPPED OFF-SITE	7/18/94
451	907692		H2S,HF	D002	SHIPPED OFF-SITE	7/18/94
452	907713		H2,CH4,HF,HCL,AR,SF4	D002	SHIPPED OFF-SITE	7/18/94
453	91001529		HCL,TRACE HBR	D002	SHIPPED OFF-SITE	7/18/94
454	91007618		TWH826396 BCL3/AR,HCL,TRACE BF3	D003	SHIPPED OFF-SITE	7/18/94
455	C92026824		HYDROGEN CHLORIDE	D002	SHIPPED OFF-SITE	7/18/94
456	91001022		SF4,SO2,F2,(TR. SF6)	D002	SHIPPED OFF-SITE	7/18/94
457	91001366		AIR,PROPYLENE	D001	SHIPPED OFF-SITE	8/19/94
458	91004003		AA0989 C2H6,TRACE AR	D001	SHIPPED OFF-SITE	8/26/94
459	91005198		TWH810755 CCL2F2	U075	SHIPPED OFF-SITE	8/26/94
460	91005213		TWH810754 CCL2F2,CH3CHF2	U075	SHIPPED OFF-SITE	8/26/94
461	91007523		A0219336 AR HCL,TRACE:SIF4,SO2,HBR,AIR	D002	SHIPPED OFF-SITE	8/26/94
462	900112		ETHYLENE	D001	SHIPPED OFF-SITE	11/18/94

TABLE 1 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS SHIPPED OFF-SITE TO DATE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS	DATE
463	907324		OXYGEN, TRACE AR, CO2	D001	SHIPPED OFF-SITE	11/18/94
464	907354		HYDROGEN, TRACE SILANE	D001	SHIPPED OFF-SITE	11/18/94
465	907365		SILANE, TRACE ARGON	D001	SHIPPED OFF-SITE	11/18/94
466	907440		HYDROGEN CHLORIDE, NITRIC OXIDE	D002	SHIPPED OFF-SITE	11/18/94
467	907445		NO, N2O	P078	SHIPPED OFF-SITE	11/18/94
468	907548		HCL, HF, AR	D002	SHIPPED OFF-SITE	11/18/94
469	907673		DICHLORODIFLUOROMETHANE	U075	SHIPPED OFF-SITE	11/18/94
470	907831		AR, H2S	D002	SHIPPED OFF-SITE	11/18/94
471	908266		HCL, TRACE HF	D002	SHIPPED OFF-SITE	11/18/94
472	908267		H2S, HCL	D002	SHIPPED OFF-SITE	11/18/94
473	908825		HCL, AR, TRACE HF	D002	SHIPPED OFF-SITE	11/18/94
474	909204		BF3, TRACE SIF4	D002	SHIPPED OFF-SITE	11/18/94
475	909205		BF3, TRACE SIF4	D002	SHIPPED OFF-SITE	11/18/94
476	909924		PROPANE, CO2	D001	SHIPPED OFF-SITE	11/18/94
477	91001528		CO, TRACE AR	D001	SHIPPED OFF-SITE	11/18/94
478	91001539		NO2, N2O, NO	P078	SHIPPED OFF-SITE	11/18/94
479	91001546		OXYGEN	D001	SHIPPED OFF-SITE	11/18/94
480	91003102		HYDROGEN CHLORIDE, TRACE ARGON	D002	SHIPPED OFF-SITE	11/18/94
481	91005202		TWH810749 AR, HE, FLUORINE, AIR	D002	SHIPPED OFF-SITE	11/18/94
482	91005217		CP30135 H2S, H2, AR, AIR	D002	SHIPPED OFF-SITE	11/18/94
483	91007107		TWH625388 HCL, ARGON, TRACE HBR	D002	SHIPPED OFF-SITE	11/18/94
484	91007520		TWH625401 HCL, AR, TRACE SIFR, H	D002	SHIPPED OFF-SITE	11/18/94
485	C92030489	94042389	BORON TRIFLUORIDE	D002	SHIPPED OFF-SITE	11/18/94

TABLE 2 – GAS CYLINDERS IN NMED ORDER 94-09
CYLINDERS PENDING SHIPMENT

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	[illegible]	[illegible]
1	907472		MOF6,SIF4,HF,AR	D002	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
2	906280		HF,MOF6,AR	D002	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
3	91001361		SULFUR TETRAFLUORIDE,SO2F2	D002	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
4	91001848		METHYL FLUORIDE,CERTIFIED	D001	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
5	91001850		METHYL FLUORIDE, CERTIFIED	D001	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
6	91002125		PF5,POF3,HF,(TRACE HCL,HBR)	D002	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
7	91002137		PF5,POF3,HF,(TRACE HCL,HBR)	D002	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
8	91002360		H2SE,AIR,HCL,H2	D002	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
9	C92030472	94042304	NITROSYL CHLORIDE	D001	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95
10	C92030476	94042400	PERCHLORYL FLUORIDE	D001	SCHEDULED FOR SHIPMENT OFF-SITE ON 1/17/95	1/17/95

TABLE 3 – GAS CYLINDERS IN NMED ORDER 94-09

CYLINDERS CONFIRMED TO BE RADIOACTIVE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS
1	90000077		PROPYLENE	D001	RADIOACTIVE
2	80090108		H2S,N2,(TR. C8H13NO3)	D002	RADIOACTIVE
3	90048709		METHYL BROMIDE,AIR	D001	RADIOACTIVE
4	904110		PROPANE	D001	RADIOACTIVE
5	907797		ACETYLENE W/RAD	D001	RADIOACTIVE
6	908021		CHLORINE,ARGON	D002	RADIOACTIVE
7	908035		CHLORINE,AIR,(TRACE CO2)	D002	RADIOACTIVE
8	908285		CHLOROTRIFLUOROETHYLENE,ARGON	D001	RADIOACTIVE
9	909093		F2,AR,O2,TRACE:N2,HF,CL2,CO2,CH4	D002	RADIOACTIVE
10	909372		DICHLORODIFLUOROMETHANE	U075	RADIOACTIVE
11	909526		ETHYLENE	D001	RADIOACTIVE
12	91001382		CHLORINE,HCL ,(TRACE FE,CL2,AIR)	D002	RADIOACTIVE
13	91001393		CL2,(TRACE AIR,CO2)	D002	RADIOACTIVE
14	91001395		CL2,HCL,(TRACE CO2,AIR)	D002	RADIOACTIVE
15	91001445		D2,TRITIUM,(TRACE F2)	D001	RADIOACTIVE
16	91001448		CL2,(TRACE HBR,H2O),HCL,AIR	D002	RADIOACTIVE
17	91001449		CL2,AIR,HCL	D002	RADIOACTIVE
18	91001475		HCL,(TRACE AIR,H2O)	D002	RADIOACTIVE
19	91001477		METHYL BROMIDE	U029	RADIOACTIVE
20	91001626		F2,(TRACE CHLORINE,HF)	D002	RADIOACTIVE
21	91001627		HCL,CL2,AR,HE,(TRACE BRCL)	D002	RADIOACTIVE
22	91001638		CL2,O2,F2,TRACE:CF4,HCL,CCL2F2	D002	RADIOACTIVE
23	91001657		AIR,(TRACE AR,F2)	D002	RADIOACTIVE
24	91002124		CL,BR,HF,CLF,BRCL	D002	RADIOACTIVE
25	91002847		HYDROGEN,ARGON MIXTURE	D001	RADIOACTIVE
26	91002848		HYDROGEN,ARGON MIXTURE	D001	RADIOACTIVE
27	91002849		HYDROGEN,ARGON MIXTURE	D001	RADIOACTIVE
28	91002850		OXYGEN	D001	RADIOACTIVE
29	91003173		HYDROGEN CHLORIDE,(TRACE HF)	D002	RADIOACTIVE
30	91004002		AA816748 ISOBUTYLENE	D001	RADIOACTIVE
31	91007573		SO2	D003	RADIOACTIVE
32	91007740		HYDROGEN (DEUTERIUM,TRITIUM)	D001	RADIOACTIVE
33	91007741		HYDROGEN (DEUTERIUM,TRITIUM)	D001	RADIOACTIVE

TABLE 3 – GAS CYLINDERS IN NMED ORDER 94-08

CYLINDERS CONFIRMED TO BE RADIOACTIVE

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS
34	C92027888		5-2 MIXTURE	D002	RADIOACTIVE
35	C93034882		HYDROGEN	D001	RADIOACTIVE

TABLE 4 – GAS CYLINDERS IN NMED ORDER 94-09

GAS CYLINDERS REQUIRING FURTHER RADIOACTIVITY CHARACTERIZATION

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS
1	91001021		SULFUR TETRAFLUORIDE,SO2,F2	D002	CHEMOLUMINESCENCE EFFECT
2	91001023		SF4,SO2,F2,(TR. SF6)	D002	CHEMOLUMINESCENCE EFFECT
3	91001512		FE(CO)5,AR,CO	D001	CHEMOLUMINESCENCE EFFECT
4	91005163		TWH626405 PHOSGENE,ARGON	P095	CHEMOLUMINESCENCE EFFECT
5	91005194		TWH483448 CCL2F2	U075	CHEMOLUMINESCENCE EFFECT
6	91007148		AA3914 SO2,CO3,CS2	D003	CHEMOLUMINESCENCE EFFECT
7	91007162		TWH626380 HYDROGEN SULFIDE,AR	D002	CHEMOLUMINESCENCE EFFECT
8	91007166		TWH628385 AR,TRACE H2S,AIR	D002	CHEMOLUMINESCENCE EFFECT
9	91007627		TWH628397 H2S,TRACE ARGON	D002	CHEMOLUMINESCENCE EFFECT
10	91007528		TWH628381 PHOSGENE,ARGON	P095	CHEMOLUMINESCENCE EFFECT
11	902883		PROPYLENE	D001	UNDERGOING RAD RE-EVALUATION
12	904365		ISOBUTANE	D001	UNDERGOING RAD RE-EVALUATION
13	907344		BUTADIENE	D001	UNDERGOING RAD RE-EVALUATION
14	907345		BUTADIENE	D001	UNDERGOING RAD RE-EVALUATION
15	907346		HYDROGEN CHLORIDE	D002	UNDERGOING RAD RE-EVALUATION
16	907347		H2S,AIR,AR,CH3OH	D002	UNDERGOING RAD RE-EVALUATION
17	907406		HELIUM,ARGON,FLUORINE,CL2	D002	UNDERGOING RAD RE-EVALUATION
18	907462		ARGON,F2	D002	UNDERGOING RAD RE-EVALUATION
19	907465		HF,CL2,CARBONTETRAFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
20	907469		HELIUM,ARGON,FLUORINE	D001	UNDERGOING RAD RE-EVALUATION
21	907491		H2,(TRACE HF,HCL,SIF4)	D001	UNDERGOING RAD RE-EVALUATION
22	907496		H2,TRACE CH4,SIF4,HF	D001	UNDERGOING RAD RE-EVALUATION
23	907499		H2,AR,TRACE HF	D001	UNDERGOING RAD RE-EVALUATION
24	907502		H2,HF,METHANE	D001	UNDERGOING RAD RE-EVALUATION
25	907505		H2,F2,HF,HCL,AR,(TRACE CH4,SIF4)	D002	UNDERGOING RAD RE-EVALUATION
26	907540		HYDROGEN FLUORIDE	U134	UNDERGOING RAD RE-EVALUATION
27	907550		ENRICHED NITRIC OXIDE,(TRACE CH4)	P076	UNDERGOING RAD RE-EVALUATION
28	907619		SILANE,TRACE ARGON	D001	UNDERGOING RAD RE-EVALUATION
29	907621		SILANE,TRACE ARGON	D001	UNDERGOING RAD RE-EVALUATION
30	907789		H2,ARSINE,AR	D004	UNDERGOING RAD RE-EVALUATION
31	907807		HCL,H2,HF,SIF4	D002	UNDERGOING RAD RE-EVALUATION
32	907811		H2,(TRACE CH4,HF,SIF4,HCL)	D001	UNDERGOING RAD RE-EVALUATION
33	907851		CHLOROTRIFLUOROETHYLENE	D001	UNDERGOING RAD RE-EVALUATION
34	907852		CHLOROTRIFLUOROETHYLENE	D001	UNDERGOING RAD RE-EVALUATION

TABLE 4 -- GAS CYLINDERS IN NMED ORDER 94-09

GAS CYLINDERS REQUIRING FURTHER RADIOACTIVITY CHARACTERIZATION

#	CYLINDER NUMBER	NEW CYL. NUMBER	CONTENTS	HAZARDOUS CODE	CURRENT STATUS
35	908042		PHOSGENE	P095	UNDERGOING RAD RE-EVALUATION
36	908066		HYDROGEN FLUORIDE	U134	UNDERGOING RAD RE-EVALUATION
37	908088		VINYL CHLORIDE	D043	UNDERGOING RAD RE-EVALUATION
38	908186		F2,CL2, (TRACE CLF,COF2,CO2,FLUORINATED ETH	D002	UNDERGOING RAD RE-EVALUATION
39	908224		ARSENIC PENTAFLUORIDE	D004	UNDERGOING RAD RE-EVALUATION
40	908235		F,TRACE HF	D001	UNDERGOING RAD RE-EVALUATION
41	908248		CHLOROTRIFLUOROETHYLENE	D001	UNDERGOING RAD RE-EVALUATION
42	908251		PHOSGENE	P095	UNDERGOING RAD RE-EVALUATION
43	908877		CF4,F2,(TRACE CL2,AR,COF2)	D002	UNDERGOING RAD RE-EVALUATION
44	908879		FLUORINE,TRACE CO2, O2	P095	UNDERGOING RAD RE-EVALUATION
45	909080		F2,CO2,TRACE O2,N2	D002	UNDERGOING RAD RE-EVALUATION
46	909132		AR,F	D002	UNDERGOING RAD RE-EVALUATION
47	909137		H2,AR,(TRACE CH4,HF)	D001	UNDERGOING RAD RE-EVALUATION
48	909155		HE,KR,F	D002	UNDERGOING RAD RE-EVALUATION
49	909929		C3H6,CO2	D001	UNDERGOING RAD RE-EVALUATION
50	91001342		PROPYLENE	D001	UNDERGOING RAD RE-EVALUATION
51	91001343		PROPYLENE	D001	UNDERGOING RAD RE-EVALUATION
52	91001369		PROPYLENE,N2	D001	UNDERGOING RAD RE-EVALUATION
53	91001525		OXYGEN	D001	UNDERGOING RAD RE-EVALUATION
54	91001531		HYDROGEN CHLORIDE, (TRACE HBR)	D002	UNDERGOING RAD RE-EVALUATION
55	91001536		ETHANE	D001	UNDERGOING RAD RE-EVALUATION
56	91004616		TWH1644034 HE,TRACE F2	D002	UNDERGOING RAD RE-EVALUATION
57	91004626		AR,HE,F2,HF	D002	UNDERGOING RAD RE-EVALUATION
58	91005184		AA14005 N02,N20,AR,N0	P078	UNDERGOING RAD RE-EVALUATION
59	91005186		TWH826402 HF,AR,HCL,H2	D002	UNDERGOING RAD RE-EVALUATION
60	91005193		AA19575 AR,TRACE AIR,F2	D002	UNDERGOING RAD RE-EVALUATION
61	91005206		TWH818887 CHClF2,C2ClF5,CCL2F2	U075	UNDERGOING RAD RE-EVALUATION
62	91005212		TWH818886 1 RACE BUTADIENE POLYMERIZATION PR	D001	UNDERGOING RAD RE-EVALUATION
63	91005214		R130795 CHORDTRIFLUOROETHYLENE	D001	UNDERGOING RAD RE-EVALUATION
64	91006872		139798 ACETONE,AR	D001	UNDERGOING RAD RE-EVALUATION
65	91007147		R130789 AR,BCL3,HCL,TRACE BF3	D003	UNDERGOING RAD RE-EVALUATION
66	91007151		TWH825382 CCLF:CF2,AR	D001	UNDERGOING RAD RE-EVALUATION
67	91007155		TWH826409 AR,AIR,H2O,TRACE CH3BR	D001	UNDERGOING RAD RE-EVALUATION
68	C92000487	04042348	NITROGEN TRIFLUORIDE	D001	UNDERGOING RAD RE-EVALUATION

TABLE 4 – GAS CYLINDERS IN NMED ORDER 94-09

GAS CYLINDERS REQUIRING FURTHER RADIOACTIVITY CHARACTERIZATION

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD CODE	CURRENT STATUS
69	C92030468	94042370	NITROGEN TRIFLUORIDE	D001	UNDERGOING RAD RE-EVALUATION
70	C92030469	94042372	NITROGEN TRIFLUORIDE	D001	UNDERGOING RAD RE-EVALUATION
71	C92030470	94042296	NITROGEN TRIFLUORIDE	D001	UNDERGOING RAD RE-EVALUATION
72	C92030471	94042371	NITROGEN TRIFLUORIDE	D001	UNDERGOING RAD RE-EVALUATION
73	C92030476	94042285	NITROGEN DIOXIDE	P076	UNDERGOING RAD RE-EVALUATION
74	C92030477		NITROGEN DIOXIDE	P076	UNDERGOING RAD RE-EVALUATION
75	C92030480	94042	HYDROCHLORIC ACID	D002	UNDERGOING RAD RE-EVALUATION
76	C92030484	94042300	TUNGSTEN HEXAFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
77	C92030485	94042296	TUNGSTEN HEXAFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
78	C92030486	94042297	TUNGSTEN HEXAFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
79	C92030487	94042860	TUNGSTEN HEXAFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
80	C92030488	94047296	TUNGSTEN HEXAFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
81	C92030490		BORON TRIFLUORIDE	D002	UNDERGOING RAD RE-EVALUATION
82	C91026825		HYDROGEN SULFIDE (STUCK VALVE)	U135	STUCK VALVE
83	C91025867		DICHLORODIFLUOROMETHANE (STUCK CAP)	U075	STUCK CAP

TABLE 5 – GAS CYLINDERS IN NMED ORDER 94-09

PROBLEMMATIC CYLINDERS

#	CYLINDER NUMBER	NEW GIL NUMBER	CONTENTS	NMED CODE	COMMENTS	DATE
1	98000116		PHOSGENE	P095	CYLINDER DOES NOT MEET DOT REQUIREMENTS	
2	90000004		ARSINE	D004	NO COMMERCIAL TREATMENT CAPACITY	
3	90000106		ARSINE,TRACE AIR	D004	NO COMMERCIAL TREATMENT CAPACITY	
4	986349		BF3	D002	NO COMMERCIAL TREATMENT CAPACITY	
5	986365		BF3	D002	NO COMMERCIAL TREATMENT CAPACITY	
6	907529		ARSINE,H2,AIR	D004	NO COMMERCIAL TREATMENT CAPACITY	
7	91001424		N204 POISON GAS,CERTIFIED	D001	NO COMMERCIAL TREATMENT CAPACITY	
8	C92090483	94042177	TRIISOBUTYL ALUMINUM	D003	NO COMMERCIAL TREATMENT CAPACITY	
9	91001386		H2,ARHCL,H2O,TRACE,N2	D001	REJECTED BY OFF-SITE FACILITY	
10	91001404		NICKEL CARBONYL,AR	D003	REJECTED BY OFF-SITE FACILITY	
11	91001861		OXYGEN DIFLUORIDE	D001	REJECTED BY OFF-SITE FACILITY	

TABLE 6 – GAS CYLINDERS IN AMED ORDER 94-09

NON-HAZARDOUS WASTE CYLINDERS

#	CYLINDER NUMBER	NEW CYL NUMBER	CONTENTS	HAZARD Code	[illegible]	[illegible]
1	901114 52				SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
2	901120 21				SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
3	902030		XENON		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
4	903153				NOT RCRA HAZARDOUS WASTE	
5	907872				SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	12/19/90
6	908600				SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
7	909083				NOT RCRA HAZARDOUS WASTE	
8	909373		TETRADEUTEROMETHANE		NOT RCRA HAZARDOUS WASTE	
9	91000933		COMPRESSED GAS, RADIOACTIVE C14		NOT RCRA HAZARDOUS WASTE	
10	91000977		NONFLAMMABLE GAS MIXTURE,CERTIF,NO2		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	11/4/88
11	91000978		NONFLAMMABLE GAS MIXTURE,CERTIF,O2,N2		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	11/4/93
12	91001550		ARGON		NOT RCRA HAZARDOUS WASTE	
13	91005105		TVW82964 04 AR,N0,H2O		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
14	91006207		TVW1463448 FREON 12, FREON-152		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
15	91007891		CHLOROTRIFLUOROETHANE, CERTIFIED		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
16	91007714		CHLOROTRIFLUOROETHANE, CERTIFIED		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
17	C92027878		HE,N2,CO		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
18	C92029834		DIBORANE,ARGON		SHIPPED OFF-SITE, NOT RCRA HAZARDOUS WASTE	5/12/94
19	C92039491		HYDROCHLORIC ACID		NOT RCRA HAZARDOUS WASTE	
20			URANIUM HEXAFLUORIDE		NOT RCRA HAZARDOUS WASTE	

Environmental Protection Agency
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FACSIMILE COVER SHEET

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DATE 12/14/94

NUMBER OF PAGES 2 (include cover sheet)

FAX NUMBER: 303/236-2395 **VERIFICATION NUMBER:** 303/236-7692

COMMENTS: As discussed with Kenna Yarborough Attached is the information you requested — [illegible]

PLEASE REMEMBER TO NUMBER ALL PAGES 1 of 2

Satellite Accumulation Area Information[1]
Requested by New Mexico Environment Department
Regarding Los Alamos National Laboratory (LANL) Inspection
Los Alamos, New Mexico

The National Enforcement Investigations Center conducted a multi-media inspection of the LANL facility during August 2 through 13, 1993. The following is information from field notes pertaining to satellite accumulation areas, for five areas at LANL:

- Technical Area (TA) 3, building 40 - An area just inside of the building 40 entrance was used to accumulate spent lithium and nickel-cadmium batteries. The spent batteries were generated by multiple divisions and personnel within building 40. Geraldine Rodriguez and E. Stanley Hadden were present during this portion of the inspection.

- TA-3, building 40, room W112 - This accumulation area was located in a laboratory and wastes generated within the laboratory were accumulated here. Two additional laboratories from building 40 were also using this accumulation area. Twelve keys were distributed for the area where the wastes were accumulated. Juan Bald (SST-7) and Geraldine Rodriguez were present during this portion of the inspection.

- TA-11, building 24 - The "building 24" satellite accumulation area was actually outside of building 24. The wastes were generated inside the building. There was no controlled access to this accumulation area. Michelle Cash was present during this portion of the inspection.

- TA-35, building 85, room 106B - Wastes in the room 106B satellite accumulation area were generated in many different rooms throughout building 85. According to a building 85 employee, one wastestream ("lead sheet, ⅛" thick, unpainted") was generated in a building at TA-35 other than building 85 and was transported to this area on April 20, 1993. Jeff Carmichael, Gerald Gallegos, and George York (CLS-5) were present during this portion of the inspection.

- TA-35, building 125, room F108 - Operators from several different rooms in building 125 were using this one accumulation area. Tony Grieggs, Jeff Carmichael, Barbara Skaggs, and Rodney Schmell were present during this portion of the inspection.

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1 *Satellite areas were either not located at or near the process generating the waste, or not under the control of the operator generating the hazardous waste.*