

TABLE D-3

EMERGENCY EQUIPMENT
(Continued)

TA-54

Emergency Equipment At TA-54, Area G:

FIRE CONTROL EQUIPMENT:

7 extinguishers

5 Halon

2 ABC

Location: TA-54-49

An automatic thermal alarm system is located in TA-54-49.

Description of General Capabilities:

Fire extinguishers may be used by any employee in the event of a small fire. If the ceiling mounted thermal alarm system sensors are activated, the Pro-Force and Fire Department are alerted.

1 fire hydrant located near TA-54-156

SPILL CONTROL EQUIPMENT:

A 6-inch asphalt curb surrounds the interior of TA-54-49 and is sufficient for capacity of any spill. Absorbent spill pillows and pads are stored at the emergency spill station inside each dome. Vermiculite and corn cob fractions are also available in TA-54-79 and at the emergency spill station in each dome.

1 portable spill station contains

plastic suits

pair goggles

pair rubber gloves

absorbent pads and pillows

plastic bags



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TABLE D-3

EMERGENCY EQUIPMENT (Continued)

Emergency Equipment At TA-54, Area G: Continued

COMMUNICATION EQUIPMENT:

A private telephone is located at the front (north side) of TA-54-49. Telephones with speakers are located in TA-54-2, 11, 22 and 33. Eight portable two-way radios are issued to technicians and to the secretary at TA-54-22. Two base unit radios are located in TA-54-22. Pagers are carried by all technicians; pagers are accessed by telephone.

Two two-way radios are issued to vehicles assigned to Area G.

Description of General Capabilities:

Telephones and alarms are located throughout Area G. The evacuation alarm is a high-pitch wailing sound which can be heard throughout Area G. Strobe lights mounted on poles throughout the area may be used to visually alert personnel to evacuate the area. A video explaining alarms and evacuation procedures must be viewed prior to entering the site.

DECONTAMINATION EQUIPMENT:

Portable eye wash stations are available at TA-54-49.
One safety shower is located at TA-54-11.
MSDS are available at TA-54-22.

Description of General Capabilities:

The safety shower and eye washes are used by personnel who receive a chemical splash to the skin or eyes. Specific MSDSs for the chemical(s) should be obtained prior to working with mixed waste or mixed material to determine if the application of water is indicated for decontamination.

PERSONAL PROTECTIVE EQUIPMENT:

A change room is located at TA-54-11; protective clothing is available in TA-54-2.

Air respirators are available at TA-54-156.

TABLE D-3

**EMERGENCY EQUIPMENT
(Continued)**

Emergency Equipment At TA-54, Area G: Continued

Additional respirators are available in the Emergency Response Trailer by the main gate.

OTHER:

Heavy equipment kept on-site includes:

- scrapers
- bulldozer
- front-end loader
- dump truck
- flat-bed truck

Four portable emergency generators are available on-site:

Locations: Three are located by TA-54-48 and the other is in the Emergency Response trailer.

Vehicles available in Area G to evacuate personnel include:

- Honda all-terrain vehicles (ATVs)
- Polaris ATVs
- pickup trucks
- dump truck
- flatbed truck
- golf carts

The Emergency Response trailer may be pulled by several different vehicles and is equipped to respond as a first response vehicle.

**TABLE D-3
EMERGENCY EQUIPMENT
(Continued)**

TA-54

Emergency Equipment At TA-54, Area L:

FIRE CONTROL EQUIPMENT:

9 fire extinguishers (Halon, Water, CO₂)

Locations:

1 Halon (A,B,C) inside TA-54-37

1 Halon (A,B,C) inside TA-54-60

1 water (A) inside TA-54-51

1 Halon (A,B,C) inside northeast end of TA-54-32

1 extinguisher (B,C) inside TA-54-39

1 extinguisher (CO₂) southeast end of Area L next to spill kit

1 CO₂ (B,C) located outside of TA-54-31

1 extinguisher located 30 feet from southeast side of TA-54-32

1 water (A) located outside of TA-54-117

Description of General Capabilities:

These fire extinguishers may be used by any employee in case of a small fire.

Fire alarm pull boxes are located inside TA-54-37, 39, 51, 60, and 117.

Description of General Capabilities:

Fire alarms may be activated by any employee in the event of a fire to notify the CAS.

1 fire hydrant is located 30 feet south of entrance to site.

1 freeze-proof faucet is located approximately 25 feet east of TA-54-31.

SPILL CONTROL EQUIPMENT:

Shovels located in TA-54-46

Oversized drums

Sawdust absorbent located on site

TABLE D-3

EMERGENCY EQUIPMENT (Continued)

Emergency Equipment At TA-54, Area L, Continued:

Spill kits are located throughout Area L. Each kit includes two 25 pound bags of Zorball, 50 pounds of caustic neutralizer, 100 pounds of acid neutralizer, and an inventory of tools and supplies. A complete spill kit inventory list can be obtained at TA-54, Area L.

COMMUNICATION EQUIPMENT:

Two-way radios are available to personnel while in Area L. Three 2-way radios are issued to vehicles used in Area L activities. Three outdoor telephones, are located in Area L. There are also fire alarms, evacuation alarms and a PA system at Area L.

Locations:

Telephones are located inside TA-54-37, 39, 51, 55 and 61. Two evacuation telephones and alarm buttons are located at the northeast end of structure 54-32 and inside building 37, by the secretaries desk. A portable phone is available for emergency communications during evacuation. This portable phone is located in building 37, in the secretaries office. The fire alarm is a double slow whoop sound. An emergency evacuation paging system is located in TA-54-37 and at the north end of TA-54-32. The evacuation alarm is a pulsating sound. The PA system can be operated from any phone in Area L.

Description of General Capabilities:

Telephones for internal, external, and PA capabilities are available for use by any employee. Fire and evacuation alarms are activated in the event of a fire or in case an evacuation is required.

DECONTAMINATION EQUIPMENT:

One emergency shower and eye wash are located immediately east of TA-54-31. One emergency shower and eye wash are located between TA-54-35 and 36. One emergency shower and eye wash are located in TA-54-39. One portable eye wash is located in TA-54-52. MSDSs are available in TA-54-46.

Description of General Capabilities:

Safety showers and eye washes are used by personnel who receive a chemical splash to the skin or eyes. Specific MSDSs for the chemical(s) should be obtained prior to working with mixed waste or mixed material to determine if the application of water is indicated for decontamination.

TABLE D-3

**EMERGENCY EQUIPMENT
(Continued)**

Emergency Equipment At TA-54, Area L, Continued:

PERSONAL PROTECTIVE EQUIPMENT:

2 SCBAs are located in TA-54-55.

OTHER:

A portable emergency generator is located in TA-54-46.

A forklift and Bobcat are available in Area L.

Heavy equipment from Area G is available for emergencies at Area L.

6 crashgates for evacuation purposes located throughout Area L.

1 pedestrian/crashgate located next to building 37.

TABLE D-3
EMERGENCY EQUIPMENT
(Continued)

**Supplemental Emergency Equipment Available From The
Los Alamos Fire Department:**

	<u>Number</u>
1,000 gallons per minute pumper truck	1
1,250 gallons per minute pumper trucks	7
Minipumper trucks	4
3,000-gallon tankers	2
2,000-gallon tankers	2
1,500-gallon tanker	1
Modular ambulances	4
Rescue vehicles	2
Crash-Fire-Rescue (CFR) units	2
SCBA	70
105-foot ladder truck	1
Personnel with 81 hours MTA training	110
Various firefighting equipment	

**TABLE D-3
EMERGENCY EQUIPMENT
(Continued)**

**Supplementary Emergency Equipment Available From
Johnson Controls World Services Inc.:**

	Number
TRANSPORTATION	
Pickups, 1/2 through 3/4 ton	183
Trucks 1 through 3 ton	25
Powerwagon (E-20781) with welder (PN-30256) mounted on vehicle, CC-135	1
Buses (11-passenger)	2
Station wagons	2
Vans, panels, and carryalls	24
SPECIAL EQUIPMENT	
Road grader, Cat, self-propelled blade, with radio	1
Grader, John Deere, self-propelled, with radio	1
Loaders, bucket, Melroe, Bobcat, 1/3 cubic yards	3
Loader, bucket, Cat, 2-3/4 cubic yards, with radio	1
Loader, Fiat-Allis, 3 cubic yards	1
Loader, bucket, Cat, 2-1/2 cubic yards	1
Loader, bucket, Cat, 3-1/4 cubic yards	1
Loader, bucket, Yale, 3 cubic yards, with radio	1
Loader, bucket, backhoe, Case, 1-1/2 cubic yards	1
Loaders, bucket, backhoe, Case, 7/8 cubic yards	2
Loader, backhoe, Ford, 1 cubic yard	1
Snowplows, Bombardier, with blade	2
Bulldozer, D-8, Crawler	1
Bulldozers, TD-25, International	2
Scraper, Terex, self-propelled	1
Scraper, Fiat-Allis, self-propelled	1
Bulldozer, 280, rubber-tired, with radio	1
Semitrailers	5
Power saw	(approx)6
Flush, street, 3000-gal. tanker truck, 55-gal	FMC1
Mobile transceivers (2-way, KOB-753)	20

**TABLE D-3
EMERGENCY EQUIPMENT
(Continued)**

**Supplementary Emergency Equipment Available From
Johnson Controls World Services Inc., Continued:**

	<u>Number</u>
SPECIAL EQUIPMENT (CONT.)	
Handsets (2-way)	64
Pageboys (1-way)	235
Welders, mounted on trailers and trucks	32
PERSONNEL	
Bulldozer operators	14
Clerks	10
Dispatchers	1
Mechanics	17
Power saw operators	8
Radio and telephone operators	1
Truck drivers	13

**TABLE D-3
EMERGENCY EQUIPMENT
(Continued)**

Emergency Equipment At The Medical Facility, HSE-2

At SM-409 Central Clinic:

PERSONNEL:

	<u>Number</u>
Physicians (2 casual)	7
Physician's Assistants (2 casual)	5
Nurses (6 casual)	12
X-ray Technicians (1 casual)	2
Clinical Laboratory Technicians (4 part-time)	5

SPECIAL EQUIPMENT-PORTABLE:

Receivers - Med Net, Fire Net, Hickory Net, Emergency HSE-Div.	4
Walkie talkies (HSE Division NET)	4
Cardiac monitors and defibrillators (1 backup)	2
Crash cart-emergency equipment with E-tank O ₂	1
Portable physicians bag-drugs	1
Portable suction unit	1
Portable, 1 ambulance, 3 gurney stretchers	2
Wheel chairs	3
O ₂ tanks	3
Manual resuscitators	2
IV stands	2
IV solutions	q.s.*
Otoscope/ophthalmoscopes	4
Portable sphygmomanometers	6
Stethoscopes	20
Anti-c apparel	q.s.
Eye irritation solution	q.s.
Full set air splints	1
Industrial first-aid kits	1
Extrication and cervical collars, crutches, canes	q.s.
Suture sets	4

SUPPLIES-GENERAL:

Bedding/Pillows
 Rescue blankets
 Bum blankets
 Thermal/icing pouches
 Multitrauma dressings, surgical and first aid supplies
 *q.s.-inventory varies as needed.

**TABLE D-3
EMERGENCY EQUIPMENT
(Continued)**

Emergency Equipment At The Medical Facility, HSE-2, Continued:

SPECIAL FACILITIES - NONPORTABLE:

- Completely equipped emergency room with ambulance entrance
- Emergency lighting system
- Complete X-ray suite
- Contamination showers, protective clothing and wound counters
- 12 lead electrocardiograph
- Fully equipped CRASH Cart with Life Pak, intubation equipment, emergency drugs, etc.
- Fully equipped decontamination room at Los Alamos Medical Center adjacent to LAMC Emergency Room

TRANSPORTATION:

- Full ambulance service is available within minutes to the central facility and all satellite clinics.
- 1980 Dodge Van

COMMUNICATION:

- Base station on State Medical Net

TABLE D-4
EMERGENCY MANAGERS

<u>Emergency Management Coordinators</u>	<u>Laboratory Telephone</u>	<u>Home Telephone</u>	<u>Home Address</u>
Ed MacBain	7-6211	-----	1856 Cooper, Los Alamos, NM
James S. Griffiths	7-6211	662-9155	190 Manhattan Loop, Los Alamos, NM
Gary W. Bequette	7-6211	662-4554	2369-B33, Los Alamos, NM
Frank Pearce	7-6211	662-3136	819 Scott Way, Los Alamos, NM
Deanna M. Seitz	7-6211	662-7356	65 San Juan, Los Alamos, NM
James A. Walton	7-6211	455-3316	Route 11, Box 20, Space 19, Santa Fe, NM

Attachment F, Container Management

Section F.1.1, page F-1, first paragraph, line 2

Modify: (Form H-1)

With: (Form 10-3A)

Reason for Modification: Typographical error

Permit Modification Class: 40 CFR 270.42, Appendix I, (A.2)

Section F.1.1, page F-1, fourth paragraph, lines 2-3

Modify: on either a three-ton or one-ton flat bed truck

With: on a half-ton to twelve-ton truck

Reason for Modification: LANL has a fleet of trucks that very in type and in tonnage capacity. This modification will allow LANL the flexibility to utilize it's fleet of truck more efficiently. All trucks used in the movement of hazardous waste will meet DOT requirements for shipping hazardous materials.

Permit Modification Class: 1 (A.3)