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Item	Quantity	Unit
Extinguisher, fire, carbon tetrachloride, hand type, 1 quart	1	each
Extinguisher, fire, water, demountable, nestable, pump brass, 4 gallon	2	"
Bucket, canvas, water 18 quarts	6	"
Case, canvas, dispatch	1	"
Lantern, gasoline loaded fuel	4	"
Lantern, kerosene	2	"
Axe, handled, chopping, single bit, standard grade weight 4 lbs.	2	"
Pick, handled, railroad 6 - 7 lbs	2	"
Shovel, general purpose, D-handled, strap back	2	"
Shovel, long handled, strap back, round point number 2	2	"
Flashlight TL/22	6	"
Alarm, gas M-1	1	"
Kit, agent, chemical	1	"
Mask, gas M-9	12	"
Tool, set, repair, gas mask, universal M-8	1	"
Chain Tow, 7/16"x 16'	1	"
Rope Tow, sisal with hook and eyes, diameter 1", length 20'	2	"

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List #2A (2)

T. L. Catalog Number	Description	Quantity	Price
SU-1B	Portable Radiation Survey Meter	2	\$ 2.75
SU-5	Beta Gamma Survey Meter	2	2.75
SU-10	Radiac ionisation chamber	1	1.95
SU-6	Pocket Radiac	2	49.50
V-I	Minometer complete with 1 0.2r chamber	1	160.00
	Additional V-2 0.2r chambers	6	12.50
	Film Badges	12	1.00

Batteries to support monitors

Replaceable battery packs for	SU-1B	2
" " " "	SU-5	2
" " " "	SU-10	2
" " " "	VI Minometer	2

Clothing for the two-man survey team can be found in the preceding description.

9-110-700	Blankets, large	each	24
	Stop watches	each	4

This compact unit can work in contaminated areas for what ever time the health physicist determines is within the realm of safety. When they reach their daily tolerance level they could be exchanged for two other technicians working back in the collecting point. Each collecting point should be so equipped to handle ambulatory patients.

These collecting points may be set up in tents or available buildings on the periphery of the area of destruction and serve two purposes:

1. The emergency care and treatment of Agency casualties from the area of the atomic blast.
2. Screening of personnel and equipment before it is sent to the Decontamination Center or to the refuge headquarters.

Stock No.	Description	Quantity	Unit
2-000-160	Adherent, 4 oz.	2	bot.
2-003-985	Bandage, gauze roller, 1"x6 yds., 12s	10	pkg.
2-009-000	Bandage, muslin 5"x 5 yds., 12s	8	pkg.
2-011-755	Bandage, muslin, Triangular, compressed, 37" x 57" x 62"	50	ea.
2-012-600	Cellulose, absorbent, 2 lbs.	8	pkg.
2-012-675	Cellulose, oxidized, gauze type, Hemostatic 3"x3" pads, 12s	12	pkg.
2-013-000	Cotton, absorbent, 1 oz.	50	pkg.
2-014-000	Cotton, absorbent, 1 lb.	20	roll
2-017-425	Dressing, First aid, large	55	each
2-017-430	Dressing, First aid, medium	100	each
2-017-435	Dressing, first aid, small	200	each
2-017-455	Dressing, first aid, individual, small	25	each
2-028-555	Pack, abdominal 12"x12", 100s	2	pkg
2-035-000	Plaster, adhesive, surgical 2"x5 yds, spools	5	spools
2-038-415	Sponge, surgical 2"x2", 100s	20	pkg
2-038-448	Sponge, surgical 4"x4", 200s	10	pkg
2-038-480	Sponge, surgical 4"x8", 100s	20	pkg
3-002-900	Airway, Hard rubber, Guedel, Large	5	each
3-003-900	Airway, metal, Connell, Large	5	each
3-344-900	Forceps, Hemostatic, mosquito, curved, Halstead 5"	20	each
3-343-800	Forceps, Hemostatic, curved Kelly	20	each

<u>Stock Number</u>	<u>Description</u>	<u>Quantity</u>	<u>unit Number</u>
3-346-800	Forceps, Hemostatic, straight Kelly	20	each
3-377-800	Forceps, Tissue, Adson, 4½"	4	each
3-397-320	Gloves, surgeons, size 6½	12	pair
3-397-860	Gloves, surgeons, size 7½	24	pair
3-397-880	Gloves, surgeons, size 8	12	pair
3-425-200	Inhalator, mask type, oxygen therapy apparatus	2	each
3-484-100	needle, anesthesia, 20 gauge, 3"	20	each
3-484-400	Needle, anesthesia, 24 gauge, 1"	20	each
3-491-700	Needle, Hypodermic, 17 gauge 2", 12s	1	box
3-594-810	Blade, straight, safety razor, 5s	5	pkg
3-638-800	Scissors, bandage, Lester 5½"	2	each
3-640-560	Scissors, dissecting, curved Mayo, 9"	1	each
3-713-100	Sphygmomanometer, aneroid	2	each
3-742-300	Stethoscope, Ford	2	each
3-803-800	Syringe, Luer, 2cc	5	each
3-804-100	Syringe, Luer, 10 cc	5	each
3-804-300	Syringe, Luer, 20 cc	2	each
3-829-400	Tourniquet, Elastic 2 1/8"x5'	20	each
3-869-500	Tube, trachea, Jackson, Size 2	4	each
3-869-540	Tube, trachea, Jackson, Size 3	2	each
3-869-580	Tube, trachea, Jackson, Size 4	2	each
3-869-620	Tube, trachea, Jackson, Size 5	2	each

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Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

<u>Stock Number</u>	<u>Description</u>	<u>Quantity</u>	<u>unit Number</u>
3-869-660	Tube, trachea, Jackson, Size 6	2	each
4-365-200	Pencil, wax, red, 12s	1	pkg
6-120-000	Pencil, skin	12	each
6-121-775	Powder, developing X-Ray, regular, 1 gallon	2	pkg
6-121-880	Powder, fixing, X-Ray, 1 gallon	2	pkg
6-167-680	Tank, wash, auxiliary, processing, assembly	1	each
7-178-000	Towel, Hand	20	each
7-177-000	Towel, Bath	20	each
7-190-000	Wrapper, glove sterile supply supply, 12"x13"	24	each
7-190-030	Wrapper, Sterile Supply, 12" square	12	each
7-190-045	Wrapper, Sterile Supply, 36" square	12	each
7-701-425	Bag, Hot water or Ice	10	each
7-837-905	Litter Straight, Aluminum Pole	4	each
7-864-635	Pad, Heat, Chemical	10	each
7-932-000	Thermometer, Clinical, oral	4	each
7-725-925	Brush, Hand	8	each
9-526-950	Splint Set, Straight splints	2	each
1-048-000	Alcohol, 1 qt., can	1	each
1-109-500	Caffeine and Sodium Benzoate Injection, 0.5 Gm, (7½ gr) 2cc 12s	1	box
1-150-000	Collodion, Flexible, 1 oz.	2	bot.
1-229-000	Hydrogen Peroxide Solution, 1 lb.	2	bot.
1-235-000	Iodine ¼ lb.	1	bot.
1-295-510	Morphine Tartrate Syrettes, ½ gr. 5s	10	pkg.
1-325-199	Oxygen, filled type G. cylinder	2	each

Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

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<u>Stock Number</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>
1-338-025	Petrolatum, white, 10 lbs.	1	can
1-412-000	Soap, Soft, 1 lb.	5	jar
1-502-000	Zinc Oxide Ointment, 1 lb.	1	jar
1-607-104	Plasma, normal human dried, 500 cc.	25	pkg
1-612-000	Tetanus Antitoxin, 20,000 units	15	bot
1-607-400	Procaine penicillin G for aqueous injection, 300,000 units	50	bot.
1-607-422	Procaine penicillin G Crystallin in oil, 300,000 units per cc, 10 cc	50	bot
1-596-575	Aureomycin Hydrochloride Capsules 0.25 Gm, 100s	2	bot.
Sig. CBA	30 Batteries, Flashlight type	1	box
	Goggles M 1944	2	each

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Agency personnel casualties may be evacuated to the collecting points either a) by litter or b) by station wagon. However, only the most urgent cases should have priority for transportation by the station wagon.

All equipment thus far discussed with the exception of the communication equipment may be removed from the station wagon, and operated on the ground.

In addition to the radiation equipment carried by each of the two-man survey teams an ordinary physician's bag will be supplied with the following items contained therein.

See attached list of Contents of "Physician's Emergency Medical Bag and Contents."

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Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

List #3

AND CONTENTS

SUPPLY LIST

NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	Sterile Vaseline Gauze 6 per box	1	box	1.44	1.44
2.	Bandage Compress 4"x4"	2	ea.	.20	.40
3.	Bandage Gauze, Roll 3"x 10 yds.	2	ea.	.20	.40
4.	Bandage Gauze, Roll 1"x 10 yds.	3	ea.	.10	.30
5.	Steripads 4"x 4"	12	ea.	.50	.50
6.	Adhesive Plaster 3"x 5 yds.	1	roll	.50	.50
7.	Scissors, Bandage, Lister 5 $\frac{1}{2}$	1	ea.	2.00	2.00
8.	Mosquito, Hemostat	1	ea.	3.85	3.85
9.	Catheter, Sterile, Bardex Latex Size 16	1	ea.	2.85	2.85
10.	Catheter, Sterile, Bardex Latex Size 18	1	ea.	2.85	2.85
11.	Hypo Syringe 10 cc.	1	ea.	2.20	2.20
12.	Hypo Syringe 2 cc.	1	ea.	1.35	1.35
13.	Hypo Needle $\frac{1}{2}$ " L, 26G	2	ea.	.15	.25
14.	Hypo Needle $1\frac{1}{2}$ " L, 22G	2	ea.	.15	.30
15.	Hypo Needle 3" L, 17G	1	ea.	.20	.20
16.	B-D Yale Hypo Syringe; Eccentric Tip 50 cc.	1	ea.	5.00	5.00
17.	Rubber tubing tourniquet	4	ea.	.10	.40
18.	Oxalate Tube	1	ea.	.10	.40
19.	Plain Test Tube	1	ea.	.05	.05
20.	Specimen Bottle	1	ea.	.05	.05
21.	Three Way Stopcock	1	ea.	4.00	4.00
22.	Catheter 14 Fr.	1	ea.	.38	.38
23.	Catheter 16 Fr.	1	ea.	.38	.38
24.	Catheter 18 Fr.	1	ea.	.38	.38
<u>DRUGS</u>					
1.	Morphine Syrettes 5's	1	box	.90	1.80
2.	Demerol Hcl. 100 Mgm. Amp.	5	ea.	.17	.85
3.	Codeine Sulfate Tablets $\frac{1}{2}$ gr.	25	ea.	.03	.75
4.	Atrophine Sulfate 1/100 gr. 20 to tube	1	tube	.15	.15
5.	Ergotrate Ampoules 1/320 gr. (Lilly's)	2	ea.	.15	.30
6.	Nitroglycerin Tablets 1/100 gr.	12	ea.	.02	.25
7.	Penicillin Crystalline, 300,000 Units per cc. Disp. Syringe	2	ea.	.78	1.55
8.	Paraldehyde 2 oz.	1	bot.	.20	.20
9.	Hykinone Ampoules (Vit. K) 72 Mgm. 10 cc. 3's	1	pkg.	1.45	1.45
10.	Sodium Amytol Ampoules 0.25 Gm.	2	ea.	.38	.75
11.	Aminophyllin Ampoules I. V.	4	ea.	.20	.80
12.	Aminophyllin Ampoules I. M.	4	ea.	.35	1.40
13.	Benadryl Hcl Ster-vial 10 cc. 10 mg. per cc.	1	ea.	.75	.75
14.	Cedilanid Ampoules, 2 cc.	2	ea.	.21	.42
15.	Aspirin Tablets	50	ea.		.05
16.	A.P.C. Tablets	50	ea.		.10
17.	Crystodigin Tablets 0.1 mgm. 100 per bot.	1	bot.	.75	.75
18.	Picrotoxin Ampoules .003 Gm. 1 cc. 6 per box	1	box	.90	.90
19.	Coramine 45 cc.	1	bot.	2.10	2.10
20.	Adrenalin Chloride 1:1000 1 oz.	1	bot.	.85	.85

Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

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NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
21.	Caffeine and Sodium Benzoate Amp. 1 cc	2	ea.	.13	.25
22.	Procaine 2% in Epinephrine Hcl. 1:50,000 1 oz.	1	ea.	.50	.50
23.	Nembutal Capsules or Seconal Capsules 1½ gr.	25	ea.	.02	.50
24.	Phenobarbital Tablets ½ gr.	25	ea.		.10
25.	Sodium Bicarbonate Tablets 10 gr.	25	ea.		.10
26.	Aromatic Spirits of Ammonia Ampoules (Vaporole) 12's	1	box	.88	.88
27.	Tincture Merthiolate ½ oz.	1	bot.	.10	.10
28.	Alcohol 70% 2 oz.	1	bot.	.10	.10
29.	Aromatic Spirits of Ammonia 1 oz.	1	bot.	.10	.10
<u>INSTRUMENTS</u>					
1.	Sphygmomanometer, Aneroid	1	ea.	36.50	36.50
2.	Otoscope & Ophthalmoscope Comb.	1	ea.	63.40	63.40
3.	Stethoscope, Ford	1	ea.	2.00	2.00
4.	Percussion Hammer	1	ea.	1.25	1.25
5.	Physician's Medical Bag	1	ea.	16.75	16.75

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Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

It is not anticipated by this department that the health physics aspects of this evacuation will under any circumstances be turned over to Civilian Defense authorities.

The following is a list of the basic medical and surgical equipment necessary for each of the five collecting points. The radiation equipment will be found in the following list.

Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

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Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1
List 4

BASIC RADIATION EQUIPMENT FOR EACH COLLECTING POINT

- 2 SU-2A Laboratory Monitor with TGC-2 Geiger Tube and mount at \$ 310.00
- 2 SU-5 Beta Gamma Survey Meter at \$235.00
- 2 SU-1B Portable Survey Meter at \$275.00
- 24 Tracer Lab Film Badges at \$24.00
- 2 V.I. Minometers each with one 0.2r Chamber at \$160.00
- 6 V. I. 0.2r Chambers at \$12.50
- 1 SC-2A "64" Scaler at \$395.00
- 1 SM-60A Electric timer at \$55.00
- 4 Stop Watches
- 24 Lead Bricks at \$9.60
- 1 E-14 Rectangular Lead Container at \$60.00
- 4 Replaceable Battery Packs for SU-1B at
- 4 " " " " " SU-5
- 4 " " " " " SU-10
- 4 " " " " " V-I Minometer

In addition to the above radiation equipment the collecting points should contain the following basic medical items in the quantities listed.

Approved For Release 2000/08/23 : CIA-RDP79-00434A000200010043-1

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List 5

Stock No.	Item	Quantity	Unit
1-582-010	Albumin Serum human 25 Gm 100 cc	24	Can
1-598-380	Blood Grouping serum Anti B 25 tests	12	btl.
1-598-410	Blood Grouping Serum Anti A 25 tests	12	btl.
1-605-835	Insulin Injection U-40 10 cc	10	btl.
1-605-845	Insulin Injection U-30 10 cc	10	btl.
1-605-845	Insulin Injection Protamin Zinc U40 10cc	10	btl.
1-607-104	Plasma, normal dried 500 cc	100	pkg.
1-607-400	Procaine Penicillin G for aqueous Injection 300,000 units	200	btl.
1-607-422	Procaine Penicillin G crystallin in oil 300,000 units per 10 cc	200	btl.
1-596-575	Aureomycin Hydrochloride Capsules 0.25 Gm 100's	4	btl.
4-277-000	Hemacytometer Set complete	4	each
4-276-875	Hemacytometer Cover glass	36	each
4-276-925	Hemacytometer Pipette, Red Corpuscle	36	each
4-276-935	Hemacytometer Pipette, White Corpuscle	36	each
4-283-200	Hemometer SahlI Type	4	each
4-287-040	Illuminator, Microscope, Junior 110 volt	2	each
4-315-000	Microscope Monocular	1	each
4-322-375	Microscope Stage, Mechanical	1	each
4-434-350	Test tube, 15 x 125 mm 12's	4	pkg.
4-426-665	Support, Test tube, wire 40 tube	2	each
4-395-060	Slide, Glass, mirror, plain 25x75 mm, 72's	2	box
4-401-200	Stand apparatus support base 6 1/2 x 9"	1	each
4-451-060	Tripod, Iron	2	each
4-456-100	Tube Hematocrit, Wintrobe	8	each
4-460-450	Tubing Rubber 1/8" inside diameter 1/32" wall	6	foot
4-107-000	Burner Bunsen, Tirrill Type	2	each
4-460-470	Tubing Rubber 1/4" inside Diameter 1/16" wall	25	foot
4-461-470	Tubing Rubber 1/2" inside Diameter 3/32" wall	16	foot
4-463-100	Tubing Rubber Latex 1/8" inside diameter 1/32" wall	30	foot
4-112-250	Burner, Gasoline Blast	2	each
4-102-820	Burner, Alcohol, Barthel type	2	each
4-129-450	Centrifuge, Small, 110 volt AC-DC	1	each
4-133-160	Tube, Centrifuge, glass, round bottom ungraduated 10 cc	24	each
4-142-000	Tube, centrifuge, glass, conical bottom graduated 15 cc. 12's	2	pkg.
1-098-300	Benedict's Reagent Powder q.s. 120 cc	2	can
1-061-005	Ammonia solution, strong reagent 1 lb.	1	btl.
1-179-000	Ether, anesthesia 1/2 lb	10	can
4-030-350	Bath, water, pharmaceutical 5 inch	2	each
1-002-470	Acetic Acid, glacial, 1 lb. U.S.P.	1	btl.
1-003-000	Acetone 1 lb. ACS	1	btl.
	Sodium Nitroprussid 1 lb.	1	btl.

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B. Decontamination Center

The individual design and calibration of instruments designed to monitor waste water, smoke from the incinerator, valuable equipment, vital records, and specific requirements for monitoring of the decontamination shower room should be under the direct supervision of the health physicist. Many problems will arise because of the unique nature of this work, and because this department lacks the advise of a health physicist, it is anticipated that many points will be overlooked with respect to this unusual radiation monitoring problem. However, the basic radiation equipment is contained herein and can be redesigned and further instruments added when and if a health physicist is added to this Staff.

Radiation Equipment

List # 7

<u>T.L. Catalog No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>
S.G. 1B	Auto scaler	2	ea @	\$650.00
T.G.C-1	(3-4 mg/cm ² mica window) counting tube	6	ea @	50.00
T.G.C-2	(Less than 2 mg/cm ² mica window) counting tube	6	ea @	75.00
SM-60A	Electric Stoplock	2	ea @	55.00
SC-8	Scater cart	2	ea @	38.00
SC-10A	Sample Holder and Tube mount	2	ea @	60.00
P-5	Tube holders	6	ea @	12.50
P-6	Short removable lead shield	6	ea @	27.50
P-7	Long Removable lead shield	6	ea @	37.50
SU-1B	Radiation Survey Meter	5	ea @	275.00
SU-3A	Laboratory Monitor with T. L. T. G.C.-2 Geiger Tubes	8	ea @	310.00
P-9	Laboratory Monitor Probe with 4 cable	8	ea @	25.00
SU-5	Beta, Gamma Survey Meter with probe and 3 6" cable attached to TGC-5 tube	8	ea @	235.00
TG3-3	Geiger Tubes with removable beryllium and copper absorbers	6	@	100.00
TGC-4	Glass Gamma Tube (dipping)	8	@	112.00
TGC-5	Glass Beta Gamma tube dipping	8	@	14.00
R-1	Calibrated Radioactive Reference Source	2	@	15.00
R-3	" " " "	2	@	15.00
R-5	" " " "	2	@	15.00
R-7	" " " "	2	@	15.00
R-10	Uncalibrated " " " "	2	@	7.50
R-15	Calibrated " " " "	2	@	15.00
R-11	Simulated ¹³⁷ I Reference Source Set	1	@	50.00
R-12	" ³² P " " "	1	@	50.00
E-3A	Absorbers	2	box @	50.00
E-11	Lead Bricks	50	ea. @	9.60
E-12	Lead Container	4	ea. @	105.00

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T.L. Catalog No.	Item	Quantity	Unit	Price
E-15	Cylindrical Lead Container (Carrying)	4	ea. @	\$ 25.00
UI	Minometer Complete with 10.2r chamber	4	ea. @	160.00
U-2	Chambers 0.2r each	20	ea. @	12.50
T.L.	Film Badges	400	@	.50
SM-2	Recording Type Beta Gauge	2	@	unquoted
SU-6	Pocket Radiac ionization chamber	12	@	49.50
SU-10	Radiac all purpose ionization chamber	3	@	195.00
R-12	Alpha Scintillation Detector	6	@	195.00
SC-15	Pulse Amplifier with R-14 preamplifier	1	@	395.00

In addition to this radiation equipment included herein is a list of medical supplies.

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