

~~SECRET~~

BASIC RADIATION EQUIPMENT FOR EACH COLLECTING POINT

- 2 SU-3A 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
- 8 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.

~~SECRET~~

~~SECRET~~

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.C. 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	Seater 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	@	12.00
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 Cs 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

~~SECRET~~

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 Bedges	400	@	.50
SM-2	Recording Type Beta Gauge	2	@	unquoted
SU-6	Pocket Radise ionization chamber	12	@	49.50
SU-10	Radise all purpose ionisation chamber	8	@	195.00
P-12	Alpha Scintillation Dector	6	@	135.00
SC-15	√ Pulse Amplifier with P-14 preamplifier	1	@	395.00

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