

Users of this list should also be aware that a list of Radioactive Waste Brokers exists in the Commercial Services Directory. That list is for facilities which dispose of radioactive materials, but they often are aware of opportunities for reuse or recycle of radioactive sources and should be consulted if you cannot find a desired service in this list. The facilities in this list may or may not dispose of radioactive sources depending on the authorized uses listed in their radioactive materials licenses.

By Device/Material ²	Firm ³	Contact ⁴	email	Phone	Fax
A. By Device					
Aircraft counterweight (see Udep)					
Brachytherapy sources	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Check sources, large quantity, disposal	NSSI	Robert Gallagher	rdgallagher@nssihouston.com	713/641-0391	
Check sources, large quantity, disposal	U.S. Ecology Idaho & Texas	Chad Hyslop	chyslop@usecology.com	208/331-8400	
Check sources, large quantity, disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
Check sources, Lic. exempt, for reuse	Almac Environmental Services	Alan McArthur	almac@almaces.com	281/648-2088	
Check sources, Lic. exempt, for reuse	American Nuclear Society	Chuck Vincent	cvincent@ans.org	708/579-8311	
Check sources, Lic. exempt, for reuse	Health Physics Society	David Miller	dwmphd@aol.com	217/333-2906	
Check sources, Lic. exempt, for reuse	Technical Resources Group	Tom Clauson	tom@trgroupinc.com	208/528-8895	
Check sources, Lic. exempt, for reuse	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Civil Defense meters etc., for reuse	American Nuclear Society	Chuck Vincent	cvincent@ans.org	708/579-8311	
Civil Defense meters etc., for reuse	Health Physics Society	Prof. David Miller	dwmphd@aol.com	217/333-2906	
Civil Defense meters etc., for reuse	Technical Resources Group	Tom Clauson	tom@trgroupinc.com		
Dew point gauge, Ra	(solicit brokers)	(see footnote 3)			
DOD, items traceable to military	U.S. military	Kelly Crooks	kelly.crooks@us.army.mil	309/782-2988	
DOE owned or Greater than Class C	DOE Off-Site Recovery Program		http://osrp.lanl.gov		
Electron capture devices, Ni-63	C.J. Bruyn & Co.		www.cjbruynco.com	800/252-7896	
Electron capture devices, Ni-63	NRD	Sandra Aughtmon	sales@nrdinc.com	716/773-7634	
Electron capture devices, Ni-63	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
H3 dials	Stocker & Yale	(ask Cammenga)			
H3 dials	United Manufacturing Corp.	(ask Cammenga)			
H3 dials	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
H3 dials, exempt disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
H3 exit signs	Forever-Lite	Tiffanie Henderson	tiffaniehenderson@earthlink.net	702/644-2070	
H3 exit signs, all manufacturers	SRB Technologies (all brands)	Ralph Williams	ralph@srbtechnologies.com	800/552-0098	336/768-7720
H3 exit signs, exempt disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
H3 items, exempt disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
H3 lighted watch, compass	Cammenga Co		info@cammenga.com	616/392-9434	
H3 lights	Best Lighting (to Forever-Lite)			702/644-2070	
H3 lights	Emerg-Light (ask Isolite)				
H3 lights	Evenlite	(ask Isolite)		215/244-4204	
H3 lights	Exit Lighting Products	(to Forever-Lite)			
H3 lights	Isolite (accepts all brands)	Christen Martin	cmartin@isolite.com	610/647-8200	610/296-8952
H3 lights	Litton Optic-Electronic TX	(ask DOD)	kelly.crooks@us.army.mil		
H3 light	s M.B. Microtek	(try Isolite or SRB)			
H3 lights	M.F. Physics	(ask Thermolectron)			
H3 lights	NRD	(ask Isolite or SRB)			
H3 lights	Safety-Light (was U.S. Radium)	(to Isolite)			
H3 lights	Self-Powered Lighting	(to Isolite)		800/777-9399	484/595-9130
H3 lights	Sign-Tex	Joe Hegarty	jhegarty@signtexinc.com	410/827-8866	
H3 lights	Symbolic Displays	Scott Zillo	scottz@symbolicdisplays.com	714/258-2811	
H3 n-generators	ThermoElectron	Jim Simpson	neutrons@thermo.com	719/598-2599	
H3 static meters	3M	Fred Entwistle	fentwistle@mmm.com	651/736-0498	651/736-2285
Industrial gauges, any manufacturer	ThermoFisher	Gamaliel Torres	gamaliel.torres@thermofisher.com	713/272-4568	
Industrial gauges, any manufacturer	Qal-Tek & Associates	Ron Ulbrich	disposals@qaltek.com	888/523-5557	
Industrial radiography devices, Ir, Co	SPEC	Don Dicharry	see www.spec150.com	504/467-7685	
Industrial radiography sources	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	888/523-5557	
Lead paint detector	try the Mfr., also brokers	(see footnote 2)			
Moisture gauges, AmBe-Cs	Humboldt Scientific	Mahir Al-Nadaf	mahir@humboldtmgf.com	919/278-7463	919/833-5283
Moisture gauges, AmBe-Cs	Qal-Tek Associates	Ron Ulbrich	rulbrich@qaltek.com	208/524-8470	
Moisture gauges, AmBe-Cs	Troxler	Henry Barnes	hbarnes@troxlerlabs.com	919/485-2228	
Moisture gauges, AmBe-Cs or RaBe	CPN International	Alicia Christman	sales@cpn-intl.com	925/363-9770	925/363-9385
Moisture gauges, RaBe	Seaman Nuclear	Scott Seaman	info@seamannuclear.com		
Optical glass	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
Optical lens	(see By Material / Optical glass)				
Ra-226 devices (1)	CRCPD	Russ Meyer	rmeyer@crcpd.org	512/761-3822	502/227-7862

By Device/Material ²	Firm ³	Contact ⁴	email	Phone	Fax
Ra-226, RaBe, sealed sources devices (1) ⁵	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Ra-226, RaBe, sealed sources devices (1) ⁵	Thorenco Medical Isotopes	Charles S "Rusty" Holden	rusthold@mindspring.com	415/398-7878	
Rad. meters, Exmt. check sources	American Nuclear Society	Chuck Vincent	cvincent@ans.org	708/579-8311	
Rad. meters, Exmt. check sources	Health Physics Society program	David Miller	dwmphd@aol.com	217/333-2906	
Rad. meters, Exmt. check sources	Technical Resources Group	Tom Clauson	tom@trgroup.com	208/528-8895	
Smoke detectors, Am & Cerb-Pyro. Ra Siemens, Cerberus,	Pyrotronics	Harry Lee		973/593-6583	
Smoke detectors, Am, Mfg. by NRD	NRD	Sandra Aughtmon	saughtmon@nrdinc.com	716/773-7744	
Smoke detectors, large quantity, exempt, disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
Smoke detectors, large quantity	U.S. Ecology, Idaho & Texas	Chad Hyslop	chyslop@usecology.com	208/331-8400	
X-ray Fluorescence device	try the Mfr., also brokers	(footnotes 2 & 3)			
Smoke alarms for recycling, any manufacturer, Am-241, Ra-226 and Ni-63	Curie Environmental Services	Scott Logan	scott.logan@curieservices.com	505.888.9392	
B) By Material					
Ac-227	Oak Ridge National Lab	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	
Am-241 & AmBe	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Am-241 & AmBe	Qal-Tek & Associates	Ron Ulbrich	disposals@qaltek.com	888/523-5557	
Am-241 & AmBe, >1 Ci	J.L. Shepherd	Mary Shepherd	mary.f.shepherd@gte.net	818/898-2361	818/361-8095
Am-241 foils	see Smoke detectors				
Am-241 in NRD device	NRD	Sandra Aughtmon	saughtmon@nrdinc.com		
Am-241, AmBe, AmLi etc. (1)	DOE Off-Site Recovery Program	http://osrp.lanl.gov			
AmBe >1 Ci	NSSI	Robert Gallagher	rdgallagher@nssihouston.com	713/641-0391	713/641-6153
Bi-207, 208	Oak Ridge National Lab	Chuck Alexander	alexandercw@ornl.gov		
Cd-109, e.g XRF source	Thermo-Fisher	Gamaliel Torres	gamaliel.torres@thermofisher.com	713/272-4568	
Cd-109, e.g XRF source	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Cf	DOE Off-Site Recovery Program	http://osrp.lanl.gov			
Cf	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Cf	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Cf, U.S. Mfg., Pd alloy or Cermet	Frontier Technology	Edward Janzow		937/376-5691	937/376-5692
Cf-250 & 252, Cm-244	Oak Ridge National Lab	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	
Cf-250 & 252, Cm-244	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com	225/756-0365	
Chemicals, diverse, incl. U & Th	Chemsavers	Anita Moseley	info@chemsavers.com	866/765-5661	804/403-6049
Cm	DOE Off-Site Recovery Program	http://osrp.lanl.gov			
Cm	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Cm	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Co-57	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Co-57	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Co-60	Qal-Tek & Associates	Ron Ulbrich	rulbrich@qaltek.com	208/523-5557	
Co-60 >50 Ci/g & >>1 Ci	International Isotopes	John Miller	jjmiller@intisoid.com	208/524-5300	
Co-60 or Cs-137 (1)	DOE Off-Site Recovery Program	http://osrp.lanl.gov			
Cs-137 1-10 Ci, doubly encapsulated	International Isotopes	John Miller	jjmiller@intisoid.com	208/524-5300	
Cs-137 1-10 Ci, doubly encapsulated	Qualtek & Associates	Ron Ulbrich	disposals@qaltek.com		
H3, all devices and compounds	NSSI	Robert Gallagher	rdgallagher@nssihouston.com	713/641-0391	
H3, multi-kCi	Lawrence Livermore Lab	Matt Lucas	lucas3@llnl.gov	925/423-1787	
Ir-192	(see By Device, Indust. Radiogr.)	(and register)	http://osrp.lanl.gov		
Ir-192	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
K061(rad) incident related, exempt disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wctexas.com	432/525-8904	432/525-8650
Kr-85	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Kr-85	Qual-X	Russ Mahon	russ.m@qual-x.com	614/881-5543	614/991-4490
Lead	Qal-Tek Associates	Ron Ulbrich	rulbrich@qaltek.com	208 523 5557	208/524-8470
Lead and other metals	NSSI	Robert Gallagher	rdgallagher@nssihouston.com	713/641-0391	713/641-6153
Lead shields and safes	Radiation Product Design	Howard Larson	howardd@rpdinc.com	763/497-2071	
Metals, large equipment	Studs vikRACE	James Harris	jharris@studsvikrace.com	901/775-0690	
Metals: lead, steel etc.	Energy Solutions (Duratek)	Ed Kolski	ekolski@energysolutions.com	865/220-1629	865/220-1643
Metals: lead, Udep, others	Toxco	George Barnett	gbarnet@toxcomm.com	423/368-5683	
Metals: steels, Udep>10 tons, not plated	Manufacturing Sciences	Tom Muth	business_development@mnsoci.com	865/481-0455	865/481-3142
Metals: Udep, steel, lead, aluminum	Alaron	Steve Ferguson	fergusons@alaron-nuclear.com	513/583-1744	513/583-8505

By Device/Material ²	Firm ³	Contact ⁴	email	Phone	Fax
Ni-63 source or device	NRD	Sandra Aughtmon	saughtmon@nrdinc.com		
Ni-63 source or device	Qal-Tek & Associates	Ron Ulbrich	ruibrich@qaltek.com	208/523-5557	
Optical glass: Th, U etc.	U.S. Ecology	Chad Hyslop	chyslop@usecology.com	208/331-8400	
Pa-231	Oak Ridge National Laboratory	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	
Pb-210 & Po-210	Oak Ridge National Laboratory	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	
Po-210 in NRD device	NRD	Sandra Aughtmon	saughtmon@nrdinc.com		
Pu, PuBe, PuLi etc. (1)	DOE Off-Site Recovery Program		http://osrp.lanl.gov		
Ra-226 device or salt	(notify CRCPD)	Russ Meyer	rmeyer@crcpd.org	512/761-3822	
Ra-226 sealed source or device (1)	DOE Off-Site Recovery Program		http://osrp.lanl.gov		
Ra-226 sealed source or device (1)	Qal-Tek & Associates	Ron Ulbrich	ruibrich@qaltek.com	208/523-5557	
Ra-226, Ra/Be, sealed sources, devices ⁵	Thorenco Medical Isotopes	Charles "Rusty" Holden	rusthold@mindspring.com	415/398-7878	
Radium dial	s (solicit brokers)	(see footnote 3)			
Rare Earth compounds&alloys, exempt, disposal	Waste Cont'l Specialists LLC	Lisa Berta	lberta@wcstexas.com	432/525-8904	
Se-75	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Sr-90-RTG's only	DOE Off-Site Recovery Program		http://osrp.lanl.gov		432/525-8650
Tc-99	Oak Ridge National Laboratory	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	
Th & U compounds & alloys, exempt	U.S. Ecology	Chad Hyslop	chyslop@usecology.com	208/331-8400	
Th & U compounds & alloys, exempt	Waste Control Specialists	Lisa Berta	lberta@wcstexas.com	432/525-8904	
Th & U compounds or Th metal, recycle	Green Technologies, Inc.	Wayne Mosley	wmosleychemist@msn.com	304-324-0928	
Th alloys and compounds	(waste brokers)	(see footnote 3)			432/525-8650
Th-228 & 229	Oak Ridge National Lab	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	
Th-228, however little activity	NYU Medical Center	Naomi Harley	naomi.harley@ned.nyu.edu	212/263-5287	
U ceramics & glass, exempt, disposal	Waste Control Specialists	Lisa Berta	lberta@wcstexas.com	432/525-8904	
U compounds (no Th)	Intl. Bio-Analytical	Alex Besenyo	www.ibilabs.com	561/892-8450	
U-232, 234 or 236	Oak Ridge National Lab	Chuck Alexander	alexandercw@ornl.gov	865/576-6312	432/525-8650
Udep	(solicit brokers)	(see footnote 3)			
Udep & Unat, exempt, large quantity	U.S. Ecology	Chad Hyslop	chyslop@usecology.com	208/331-8400	
Udep & Unat, exempt, large quantity	Waste Control Specialists	Lisa Berta	lberta@wcstexas.com	432/525-8904	

1) The DOE Off-Site Recovery Project requests owners to register all radioactive sources, noting whether in use or unwanted. Sources may be registered at <http://osrp.lanl.gov/OSRPSources.xls>.

2) For additional information regarding a specific material, device or manufacturer, contact Russ Meyer 512/761-3822 rmeyer@crcpd.org.

3) US Department of Transportation regulations require that a shipper qualified to classify, package and appropriately describe a radioactive material perform these tasks for any shipment of a radioactive material. Radioactive waste brokers are qualified to perform these tasks. A list of brokers is given on the CRCPD's home page <http://www.crcpd.org/StateServices/CommercialServices/WasteBrokerServices.pdf>.

4) When requesting assistance or other service regarding the disposition of radioactive material, please provide by e-mail or fax the nuclide, activity, date of assay, type of material or device, manufacturer, model number, serial number if available, and whether or not the radiation source is special form.

5) Seeking information on the availability of Ra-226 for production of short-lived, alpha emitting radionuclides for use in cancer therapy. Not currently licensed.

By Device/Material ²	Firm ³	Contact ⁴	email	Phone	Fax
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