

# Outlets for Common Radioactive Materials <sup>1</sup>

CRCPD Notes of April 2009

Material <sup>2</sup>	Firm <sup>3</sup>	Contact <sup>4</sup>	e-mail	Phone	Fax
A) By Device					
Aircraft counterweight	(see Udep)				
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, 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	
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 Project		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	saughtmon@nrdinc.com		716/773-7634
H3 dials	Stocker & Yale	(ask Cammenga)			
H3 dials	United Manufacturing Corp.	(ask Cammenga)			
H3 exit signs	Forever-Lite	Tiffanie Henderson	tiffaniehenderson@earthlink.net		702/644-2070
H3 exit signs, all manufacturers	SRB Technologies (all brands)	Melissa Hankins	customer-service@srbtechnologies.com	336/659-2610	336/768-7720
H3 lighted watch, compass	Cammenga Co.		info@cammenga.com		616/392-9432
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)	Nicole Seydel	nseydel@isolite.com		610/296-8952
H3 lights	Litton Optic-Electronic TX	(ask DOD)	kelly.crooks@us.army.mil		
H3 lights	M.B. Microtek	(try Isolite or SRB)			
H3 lights	M.F. Physics	(ask Thermoelectron)			
H3 lights	NRD	(ask Isolite or SRB)			

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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	fbentwistle@mmm.com	651/736-0498	651/736-2285
Industrial gauges, any manufacturer	Thermoelectron, TX	Mike Fontenot	michael.fontenot@thermo.com		713/272-5388
Industrial radiography devices, Ir, Co	SPEC	Don Dicharry	see www.spec150.com		504/467-7685
Lead paint detector	try the Mfr., also brokers	(see footnote 2)			
Moisture gauges, AmBe-Cs	Humboldt Scientific	Tamla Warren	tamla@humboldtmfg.com	919/278-7461	919/833-5283
Moisture gauges, AmBe-Cs	Qal-Tek Associates	Jared Eggleston	jeggleston@qaltek.com		208/524-8470
Moisture gauges, AmBe-Cs	Troxler	Steve Browne	sbrowne@troxlerlabs.com		919/485-2250
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 lens	(see By Material / Optical glass)				
Ra-226 devices (1)	DOE Off-Site Recovery Project	Justin Griffin	http://osrp.lanl.govl		
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	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)			
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, >1 Ci, Am-241 foils	J.L. Shepherd see Smoke detectors	Mary Shepherd	mary.f.shepherd@gte.net	818/898-2361	818/361-8095
Am-241 in NRD device	NRD	Sandra Aughtmon	saughtmon@nrdinc.com		
Am-241, AmBe, AmLi etc. (1)	DOE Off-Site Recovery Project		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		

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Cd-109, e.g XRF source	Thermo-Fisher	Mike Fontenot	michael.fontenot@thermofisher.com		
Cf	DOE Off-Site Recovery Project		http://osrp.lanl.gov		
Cf	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
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 Project		http://osrp.lanl.gov		
Cm	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Co-57	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
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 Project		http://osrp.lanl.gov		
Cs-137 1-10 Ci, doubly encapsulated	International Isotopes	John Miller	jjmiller@intisoid.com	208/524-5300	
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		
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	Jared Eggleston	jeggleston@qaltek.com		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	StudsvikRACE	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@mnsi.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
Ni-63 devices	Isotope Products Laboratory	Jim Wilson	jwilson@isotopeproducts.com		661/309-1098
Ni-63 electron capture devices	(see Electron Capture Device)				
Ni-63 source or device	NRD	Sandra Aughtmon	saughtmon@nrdinc.com		
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

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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 Project		http://osrp.lanl.gov		
Ra-226 device or salt	(notify CRCPD)	Terry Devine	tdevine@crcpd.org	502/227-4543	
Ra-226 sealed source or device (1)	DOE Off-Site Recovery Project		http://osrp.lanl.gov		
Radium dials	(solicit brokers)	(see footnote 3)			
Se-75	QSA-Global	Rusty Barrett	rusty.barrett@qsa-global.com		
Sr-90	DOE Off-Site Recovery Project		http://osrp.lanl.gov		
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	Cathy Purvis	cpurvis@wcstexas.com	888/789-2783	505/394-3708
Th & U compounds or Th metal, recycle	Chemsavers	Anita Moseley	info@chemsavers.com	866/765-5661	804/403-6049
Th alloys and compounds	(waste brokers)	(see footnote 3)			
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 compounds (no Th)	Intl. Bio-Analytical.	Alex Besenyo	see www.ibilabs.com		561/892-8450
U-232, 234 or 236	Oak Ridge National Lab	Chuck Alexander	alexandercw@ornl.gov		865/576-6312
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	Cathy Purvis	cpurvis@wcstexas.com	888/789-2783	505/394-3708

1) The DOE Off-Site Recovery Project requests owners to register radioactive materials, noting whether in use or unwanted: register >0.5 mCi Am, Cf, Cm, Pu or >100 mg Ra-226 or >10 Ci Co, Cs, Ir, Sr or other non-transuranic at <http://osrp.lanl.gov> Smaller quantities of these materials are to be registered at <http://osrp.lanl.gov/crcpdscatr.shtml> to be dealt with by CRCPD's SCATR program as outlets and funds are available.

2) For additional contacts re a specific material, device or manufacturer, contact Terry Devine, [tdevine@crcpd.org](mailto:tdevine@crcpd.org), 502/227-4543 ext. 2223.

3) For non-exempt devices and materials, a service firm will require that a broker or other DOT qualified individual inspect, package and arrange transport of the material. A list of brokers is given on [www.crcpd.org](http://www.crcpd.org) under Free Documents, Commercial Services. Also, brokers have additional, perhaps more economical outlets for the materials and devices listed above.

4) When requesting acceptance or other service, please provide by e-mail or fax the nuclide, activity and 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.

Conference of Radiation Control Program Directors, Inc. (CRCPD) [www.crcpd.org](http://www.crcpd.org)  
This information is not to be construed as an endorsement by CRCPD of the services identified in this list.