

Appendix A

Supporting HSA Documents

(Inventory Receipts, Leak Tests, & Interviews)

RAM TOTAL INVENTORY BY ISOTOPE

Inventory Calculated to :07/01/2011

Walter Reed AMC

08-01738-02(new)

<u>Isotope</u>	<u>Physical Form</u>	<u>Total Activity</u>	<u>License Limit</u>	<u>Unit</u>	<u>% of License Limit</u>	<u>Line #</u>
Am-241	Any	0.00048	0.01000	mCi	4.79814	66O
Ba-133	ANY	0.17928	400.00000	mCi	0.04482	66A
C-14	ANY	9.74164	400.00000	mCi	2.43541	66A
Co-57	ANY	19.88467	400.00000	mCi	4.97117	66A
Co-60	ANY	0.00425	400.00000	mCi	0.00106	66A
Co-60	Sealed Source	4,752.07344	25,000.00000	Ci	19.00829	66R
Cr-51	ANY	1.99841	400.00000	mCi	0.49960	66A
Cs-137	ANY	0.02369	400.00000	mCi	0.00592	66A
Cs-137	THREE M SOURCES	624.31727	2,000.00000	mCi	31.21586	66J
Cs-137	THREE M SEALED	0.15682	50.00000	mCi	0.31365	66M
Cs-137	Sealed Source	4,529.48457	6,000.00000	Ci	75.49141	66Q
Eu-152	ANY	0.01660	400.00000	mCi	0.00415	66A
Gd-153	ISOTOPE PRODUCT	458.77357	6,000.00000	mCi	7.64623	66K
Ge-68	ANY	1.65849	400.00000	mCi	0.41462	66A
H-3	ANY	17.55826	2,000.00000	mCi	0.87791	66B
I-125	ANY	0.00000	400.00000	mCi	0.00000	66A
I-129	ANY	0.00034	400.00000	mCi	0.00008	66A
Mo-99	ANY	0.06070	23,000.00000	mCi	0.00026	66E
Ni-63	ANY	56.81854	400.00000	mCi	14.20464	66A
P-32	ANY	0.00000	1,000.00000	mCi	0.00000	66D
Pd-103	THERAGENICS SEE	0.08868	2,500.00000	mCi	0.00355	66G
Pu-239	Any	0.00154	0.01000	mCi	15.38851	66N
Ra-226	Sealed Source	9.87965	10.00000	mCi	98.79652	66T

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

600 *All without Bldg # listed are WRAIR at Forest Glen*

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
P-32	53390	blu002A/ ATP Gamma		Perkin Elmer		0.50000	mCi	01/05/2007
P-32	53393	BLU002A/ATP Gamma		Perkin Elmer		0.50000	mCi	02/02/2007

Total Packages Received : 2

659

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
H-3	53312	NET00400/ Glycine		Perkin Elmer		1.00000	mCi	03/31/2005

Total Packages Received : 1

691

Bldg 54

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Ni-63	00763	plated foil		Packard Instrume		14.84011	mCi	07/23/1990
Ni-63	997	Ni-63 sealed source		Agilent Tecnologi		14.94973	mCi	04/20/2006

Total Packages Received : 2

707

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
H-3	53396	NET027/Thymidine		Perkin Elmer		1.00000	mCi	02/23/2007
H-3	53508	NET027/Thymidine		Perkin Elmer		1.00000	mCi	06/07/2007
H-3	53512	NET027/Thymidine		Perkin Elmer		1.00000	mCi	07/27/2007
H-3	53519	Thymidine		Perkin Elmer		1.00000	mCi	09/27/2007
H-3	53520	Thymidine		Perkin Elmer		1.00000	mCi	11/30/2007
H-3	53521	NET027/Thymidine		Perkin Elmer		1.00000	mCi	01/15/2008
H-3	53524	NET027/Thymidine		Perkin Elmer		2.00000	mCi	03/14/2008
H-3	53527	NET027/Thymidine		Perkin Elmer		2.00000	mCi	04/30/2008

Total Packages Received : 8

713

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
C-14	53563	Cortisol CAC KIT		G. E. Healthcare		0.50000	mCi	04/14/2009

Total Packages Received : 1

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

ABDEL-RAHIM, MAGED 676*Bldg 7*

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Co-57	0002300	Neuropeptide-Y			ABDEL-RAHIM, MAGED	0.00000		09/25/2002
Cr-51	0000134	Chromium-51 Radionuclide(L)			ABDEL-RAHIM, MAGED	4.30300	mCi	08/29/1995
Eu-152	00793	LSC standard			ABDEL-RAHIM, MAGED	0.01965	mCi	03/19/1990
Eu-152	00794	LSC standard			ABDEL-RAHIM, MAGED	0.01942	mCi	01/09/1995
H-3	0047236	INOS-1,4,5-TRISPHOS(L)			ABDEL-RAHIM, MAGED	0.00100	mCi	12/07/1993
H-3	0047621	CATECHOLAMINE(L)			ABDEL-RAHIM, MAGED	0.50000	mCi	04/04/1994
H-3	0047752	INOS-1,4,5(L)			ABDEL-RAHIM, MAGED	0.00100	mCi	05/19/1994
H-3	0047877	THYMIDINE(L)			ABDEL-RAHIM, MAGED	0.25000	mCi	06/29/1994
H-3	0048466	INOSITOL(L)			ABDEL-RAHIM, MAGED	0.00100	mCi	01/19/1995
H-3	0048493	cAMP X 2(L)			ABDEL-RAHIM, MAGED	0.01000	mCi	02/01/1995
H-3	0048494	cGMP X 2(L)			ABDEL-RAHIM, MAGED	0.00400	mCi	02/01/1995
H-3	0048739	Cyclic Amp x 2(L)			ABDEL-RAHIM, MAGED	0.01000	mCi	05/01/1995
H-3	0049082	Choline chloride, [methyl-3H]-			ABDEL-RAHIM, MAGED	0.25000	mCi	08/31/1995
H-3	0049101	Cyclic AMP[3H]assay system(L)			ABDEL-RAHIM, MAGED	1.00000	mCi	09/11/1995
H-3	0049192	Cyclic AMP[3H]assay system(L)			ABDEL-RAHIM, MAGED	0.10000	mCi	10/10/1995
H-3	0049260	Choline chloride, [methyl-3H]-			ABDEL-RAHIM, MAGED	0.25000	mCi	11/13/1995
H-3	0049292	Arachidonic acid, [5,6,8,9,11,			ABDEL-RAHIM, MAGED	0.05000	mCi	11/21/1995
H-3	0049498	Inositol 1,4,5-trisphosphate [ABDEL-RAHIM, MAGED	0.00100	mCi	02/21/1996
H-3	0049568	myo-[2-3H]Inositol(L)			ABDEL-RAHIM, MAGED	1.00000	mCi	03/21/1996
H-3	0049574	Inositol 1,4,5-trisphosphate [ABDEL-RAHIM, MAGED	0.00400	mCi	03/27/1996
H-3	0049636	Arachidonic acid, [5,6,8,9,11,			ABDEL-RAHIM, MAGED	1.00000	mCi	04/22/1996
H-3	0049656	Inositol, myo-[2-3H(N)]-(L)			ABDEL-RAHIM, MAGED	1.00000	mCi	05/01/1996
H-3	0053016	Penlalanil(L)			ABDEL-RAHIM, MAGED	0.02500	mCi	04/26/2002
H-3	0053030	Vasopressin V-2 Antagonist, [p			ABDEL-RAHIM, MAGED	0.02500	mCi	05/29/2002
I-125	0053023	Gastric Inhibitory Peptide(L)			ABDEL-RAHIM, MAGED	0.00150	mCi	05/14/2002
I-125	0053039	Gastric Inhibitory Peptide(L)			ABDEL-RAHIM, MAGED	0.00150	mCi	06/11/2002
I-125	0053073	Gastric Inhibitory Peptide		Phoenix Pharmaco	ABDEL-RAHIM, MAGED	0.00150	mCi	08/22/2002
I-125	1010	Ghrelin RIA Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	06/25/2007
I-125	53266	Gastric Inhibitory Peptide		Phoenix Pharmaco	ABDEL-RAHIM, MAGED	0.00150	mCi	03/11/2003
I-125	53412	RK02702/GIP Human RIA Kit		Phoenix Pharmaco	ABDEL-RAHIM, MAGED	0.00150	mCi	08/12/2003
I-125	53423	Rk02702/GIP RIA Kit		Phoenix Pharmaco	ABDEL-RAHIM, MAGED	0.00150	mCi	09/16/2003
I-125	53467			Phoenix Pharmaco	ABDEL-RAHIM, MAGED	0.00150	mCi	05/04/2004
I-125	53552	RIA Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	01/27/2009
I-125	53556			Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	02/20/2009
I-125	53558		1578564C	Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	03/10/2009
I-125	53575	Ghrelin RIA Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	09/03/2009
I-125	53619	AA-54F1/Vitamin D RIA Kit		Immundiagnostic	ABDEL-RAHIM, MAGED	0.00150	mCi	05/25/2005

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

ABDEL-RAHIM, MAGED 676

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
I-125	53626	AA-SF41 Vitamin D Kit		Immundiagnostic	ABDEL-RAHIM, MAGED	0.00150	mCi	06/28/2005
I-125	53645	AA-54F1 /Vitamin D Kit		Immundiagnostic	ABDEL-RAHIM, MAGED	0.00150	mCi	11/04/2005
I-125	53669	IMS30		G. E. Healthcare	ABDEL-RAHIM, MAGED	1.00000	mCi	03/21/2006
I-125	53682	I-125 Vitamin D Kit		Immundiagnostic	ABDEL-RAHIM, MAGED	0.00150	mCi	06/20/2006
I-125	53808	GHRA-88HK/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	01/05/2007
I-125	53811	GHRA-88HK/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	01/23/2007
I-125	53814	GHRA-88HK/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	02/07/2007
I-125	53815	GHRT 89K/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	02/07/2007
I-125	53821	GHRT 89K/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	02/07/2007
I-125	53827	GHRA-88HK/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	04/25/2007
I-125	53828	GHRA-89HK/Ghrelin RIA		G. E. Healthcare	ABDEL-RAHIM, MAGED	0.00150	mCi	04/25/2007
I-125	53832	GHRA-88HK/Ghrelin RIA		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	05/25/2007
I-125	53833	GHRA-89HK/Ghrelin (total)		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	05/25/2007
I-125	53837	GHRA-89HR/Ghrelin		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	06/13/2007
I-125	53872	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	04/15/2008
I-125	53874	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	04/24/2008
I-125	53875	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	04/25/2008
I-125	53877	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	05/07/2008
I-125	53878	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	05/07/2008
I-125	53885	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	08/05/2008
I-125	53889	Ghrenlin Ria Kit		Milipore	ABDEL-RAHIM, MAGED	0.00150	mCi	10/14/2008
P-32	0049517	Deoxycytidine 5'-triphosphate,			ABDEL-RAHIM, MAGED	0.50000	mCi	03/01/1996
P-32	0052342	Cytidine 5'-[alpha-32P]triphos			ABDEL-RAHIM, MAGED	0.25000	mCi	09/13/2000
P-32	0052394	Cytidine 5'-[alpha-32P]triphos			ABDEL-RAHIM, MAGED	0.25000	mCi	10/27/2000
P-32	53299	UTP / AA003		Amersham	ABDEL-RAHIM, MAGED	1.00000	mCi	07/03/2003
P-32	53408	AA0003 / UTP		Amersham	ABDEL-RAHIM, MAGED	0.50000	mCi	07/30/2003

Total Packages Received : 63

BOYER, DUSTIN

H02B

Bldg 2

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Cs-137	00787	Brachytherapy sources			BOYER, DUSTIN	269.34740	mCi	12/17/1990
Ir-192	53599	Ir-192 Solid		Best Industries	BOYER, DUSTIN	60.33000	mCi	12/29/2010
Pd-103	53550	Theraseeds for Prostate	T311773	Theragenics Corp	BOYER, DUSTIN	503.20000	mCi	01/14/2009
Pd-103	53553			Theragenics Corp	BOYER, DUSTIN	394.50000	mCi	01/27/2009
Pd-103	53554	Theraseeds for Prostate		Theragenics Corp	BOYER, DUSTIN	482.00000	mCi	01/29/2009
Pd-103	53555	Theraseeds for Prostate		Theragenics Corp	BOYER, DUSTIN	400.20000	mCi	02/05/2009

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

BOYER, DUSTIN

H02B

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Pd-103	53577	Theraseeds for Prostate		Theragenics Corp	BOYER, DUSTIN	407.00000	mCi	11/25/2009
Pd-103	53578	Theraseeds for Prostate		Theragenics Corp	BOYER, DUSTIN	384.70472	mCi	01/28/2010
Pd-103	53702	Theraseeds for Prostate	T329183	Theragenics Corp	BOYER, DUSTIN	375.50000	mCi	02/02/2011
Total Packages Received :					9			

BURTON, DAVID

221

Bldg 41

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Am-241	00848				BURTON, DAVID	953.71854	mCi	09/09/2003
Am-241	927	CAL2701 Alpha std		North American C	BURTON, DAVID	0.00002	mCi	12/23/2004
Ba-133	0045688	CHECK SOURCE(L)			BURTON, DAVID	0.00010	mCi	11/18/1992
Ba-133	0045745	CHECK SOURCE(L)			BURTON, DAVID	0.00010	mCi	12/02/1992
Ba-133	0046227	REF. SOURCE(L)			BURTON, DAVID	0.00010	mCi	04/09/1993
Ba-133	0052097	Ba-133 DOS CAL REF SRC(S)			BURTON, DAVID	0.27227	mCi	02/11/2000
Ba-133	00776				BURTON, DAVID	0.01865	mCi	11/14/1995
Ba-133	1039			Perkin Elmer	BURTON, DAVID	0.01835	mCi	09/13/2011
Ba-133	987			Perkin Elmer	BURTON, DAVID	0.01855	mCi	11/14/2005
C-14	0000484	MPCA X 5(L)			BURTON, DAVID	5.00021	mCi	04/07/1998
C-14	0000577	HCl-methanol(L)			BURTON, DAVID	0.35000	mCi	03/18/1999
C-14	0000578	quinoline-chloroquine(L)			BURTON, DAVID	0.35000	mCi	03/18/1999
C-14	53563A	Cortisol CAC KIT		G. E. Healthcare	BURTON, DAVID	0.49995	mCi	01/14/2010
Ca-45	53153				BURTON, DAVID	1.00000	mCi	02/13/2004
Cd-109	0000623	Cd-109, 10uCi, Test Tube(S)			BURTON, DAVID	0.01049	mCi	12/02/1999
Cd-109	0052691	Cd-109, Co-57, Te-123m, Cr-51,			BURTON, DAVID	0.00100	mCi	07/30/2001
Cl-36	0000629	Cl-36, 99.23 nCi Test Tube(L)			BURTON, DAVID	0.00010	mCi	12/02/1999
Co-57	0000622	Co-57, 10uCi, Test Tube(S)			BURTON, DAVID	0.01030	mCi	12/02/1999
Co-57	0041482	FLOOD SOURCE(L)			BURTON, DAVID	10.00000	mCi	10/18/1990
Co-57	0043750	SEALED SOURCE(L)			BURTON, DAVID	5.00000	mCi	11/19/1991
Co-57	0046226	REF. SOURCE(L)			BURTON, DAVID	0.00010	mCi	04/09/1993
Co-57	0046292	SEALED SOURCE(L)			BURTON, DAVID	1.60000	mCi	04/21/1993
Co-57	0048591				BURTON, DAVID	0.00010		10/23/2006
Co-57	0049118	Flood Source(S)			BURTON, DAVID	15.00000	mCi	09/18/1995
Co-57	0049120	RIGHT AND LEFT ORIENTATION SET			BURTON, DAVID	0.10000	mCi	09/18/1995
Co-57	0049391	EVAPORATED METALLIC SALTS-SPOT			BURTON, DAVID	0.05000	mCi	01/04/1996
Co-57	0049999	DOSE CAL. STANDARD(S)			BURTON, DAVID	5.13122	mCi	10/10/1996
Co-57	0050028	3X CO-57 SPOT MARKERS(S)			BURTON, DAVID	0.05000	mCi	10/22/1996
Co-57	0051112	Spot Marker			BURTON, DAVID	0.05000	mCi	04/15/1998

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

BURTON, DAVID

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<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Co-57	0051511	Dose Calibrator Source(S)			BURTON, DAVID	5.88000	mCi	11/16/1998
Co-57	0051828	Spot Marker			BURTON, DAVID	0.05000	mCi	06/15/1999
Co-57	53866	Co-57		Isotope Products	BURTON, DAVID	0.05064	mCi	02/25/2008
Co-60	0046231	REF. SOURCE(L)			BURTON, DAVID	0.00010	mCi	04/09/1993
Co-60	0046293	SEALED SOURCE(L)			BURTON, DAVID	0.09000	mCi	04/21/1993
Co-60	0050000	DOSE CAL. STANDARD(S)			BURTON, DAVID	0.04864	mCi	10/16/1996
Co-60	0050615	DOSE CAL. STANDARD(S)			BURTON, DAVID	0.05344	mCi	07/25/1997
Co-60	53848	counting standards		Eckert & Ziegler	BURTON, DAVID	0.00700	mCi	09/14/2007
Cr-51	0000624	Cr-51, 103.2uCi, Test Tube(S)			BURTON, DAVID	0.14317	mCi	12/02/1999
Cs-137	0046294	SEALED SOURCE(S)			BURTON, DAVID	0.10000	mCi	04/21/1993
Cs-137	0052106	Cs-137 DOS CAL REF SOURCE(L)			BURTON, DAVID	0.20364	mCi	02/18/2000
Cs-137	00790	LSC standard			BURTON, DAVID	0.02981	mCi	07/03/2001
Cs-137	53228	LSC standard			BURTON, DAVID	0.02178	mCi	12/24/2002
Cs-137	53287	Cal SRCS		BNC	BURTON, DAVID	0.01000	mCi	05/16/2003
Eu-152	00792	LSC standard		LKB Wallace	BURTON, DAVID	0.01990	mCi	02/15/1990
Ga-67	0000501	Ga-67(L)			BURTON, DAVID	0.00646	mCi	07/06/1998
Gd-153	53559	sealed sources		Eckert & Ziegler	BURTON, DAVID	259.49822	mCi	03/19/2009
Gd-153	53560			Eckert & Ziegler	BURTON, DAVID	259.49822	mCi	03/19/2009
Gd-153	53581			Eckert & Ziegler	BURTON, DAVID	260.99117	mCi	04/16/2010
Gd-153	53582			Eckert & Ziegler	BURTON, DAVID	260.99117	mCi	04/16/2010
Gd-153	53865	Line Source		Isotope Products	BURTON, DAVID	10.14445	mCi	02/25/2008
Ge-68	53561				BURTON, DAVID	0.87434	mCi	03/27/2009
H-3	0000576	Chloroquine(L)			BURTON, DAVID	63.08527	mCi	03/18/1999
I-125	0000625	I-125, 10uCi, Test Tube(L)			BURTON, DAVID	0.01127	mCi	12/02/1999
Ir-192	0000478	79 X seeds in strands(S)			BURTON, DAVID	105.95591	mCi	03/27/1998
Mn-54	0000626	Mn-54, 11.22uCi, Test Tube(S)			BURTON, DAVID	0.01155	mCi	12/02/1999
Ni-63	1013	sealed sources			BURTON, DAVID	9.27694	mCi	11/02/2007
P-32	53812	AA0004/DATP		G. E. Healthcare	BURTON, DAVID	0.25000	mCi	01/24/2007
P-32	53816	AA0004/DATP		G. E. Healthcare	BURTON, DAVID	0.25000	mCi	02/21/2007
P-32	53822	AA0004/DATP		G. E. Healthcare	BURTON, DAVID	0.25000	mCi	03/21/2007
P-32	53825	AA0004/DATP		G. E. Healthcare	BURTON, DAVID	0.25000	mCi	04/18/2007
P-32	53830	AA0004/DATP		G. E. Healthcare	BURTON, DAVID	0.25000	mCi	05/16/2007
P-32	53838	AA0004/DATP		G. E. Healthcare	BURTON, DAVID	0.25000	mCi	06/13/2007
Pd-103	1007	108 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	36.00000	mCi	01/10/2007
Pd-103	1008	146 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	43.00000	mCi	02/27/2007
Pd-103	1009	115 Prostate Theraseeds		Theragenics Corp	BURTON, DAVID	66.44000	mCi	06/11/2007
Pd-103	1018	11 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	68.36780	mCi	02/29/2008

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

BURTON, DAVID

221

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Pd-103	1019	2 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	6.60000	mCi	03/10/2008
Pd-103	1021	2 Seeds from Prostate		Theragenics Corp	BURTON, DAVID	3.00000	mCi	03/27/2008
Pd-103	1022	18 Pd-103 Seeds		Theragenics Corp	BURTON, DAVID	59.40000	mCi	03/31/2008
Pd-103	1023	11 Pd-103 Seeds		Theragenics Corp	BURTON, DAVID	33.00000	mCi	04/09/2008
Pd-103	1024	14 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	44.00000	mCi	04/15/2008
Pd-103	1027	107 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	46.20000	mCi	07/14/2008
Pd-103	1028	133 Seeds for Prostate		Theragenics Corp	BURTON, DAVID	52.80000	mCi	07/28/2008
Pd-103	1029	11 Seeds			BURTON, DAVID	3.38708	mCi	11/06/2008
Pd-103	1030	12 Seeds			BURTON, DAVID	39.60000	mCi	12/01/2008
Pd-103	1031	11 Theraseeds			BURTON, DAVID	30.41058	mCi	12/03/2008
Pd-103	1032				BURTON, DAVID	24.79144	mCi	12/15/2008
Pd-103	1033	Theraseeds for Prostate	T311773	Theragenics Corp	BURTON, DAVID	110.79404	mCi	01/27/2009
Pd-103	1034			Theragenics Corp	BURTON, DAVID	38.00000	mCi	01/27/2009
Pd-103	1035	Theraseeds for Prostate		Theragenics Corp	BURTON, DAVID	36.00000	mCi	02/05/2009
Pd-103	1036	Theraseeds for Prostate		Theragenics Corp	BURTON, DAVID	42.90000	mCi	02/13/2009
Pd-103	53577A	Theraseeds for Prostate		Theragenics Corp	BURTON, DAVID	28.68708	mCi	12/03/2009
Pd-103	53578A	Theraseeds for Prostate		Theragenics Corp	BURTON, DAVID	0.01043	mCi	08/17/2010
Pd-103	53702A	Theraseeds for Prostate	T329183	Theragenics Corp	BURTON, DAVID	36.00000	mCi	02/04/2011
Pd-103	895	22 Prostate Theraseeds		Theragenics Corp	BURTON, DAVID	42.90000	mCi	06/22/2004
Pd-103	956	149 Theraseeds for Prosta		Theragenics Corp	BURTON, DAVID	515.44424	mCi	05/09/2005
Pu-239	928	CAL2701 Alpha std		North American C	BURTON, DAVID	0.00002	mCi	12/23/2004
Pu-239	947				BURTON, DAVID	0.00002	mCi	03/07/2005
S-35	0000628	S-35, 114.3uCi(L)			BURTON, DAVID	0.12671	mCi	12/02/1999
S-35	0047961	dATP(L)			BURTON, DAVID	1.00000	mCi	07/25/1994
S-35	0050016	Deoxyadenosine 5'-alpha-[35S]t			BURTON, DAVID	1.00000	mCi	10/15/1996
Sb-125	0000115	(L)			BURTON, DAVID	0.26000	mCi	03/27/1995
Zn-65	0000627	Zn-65, 11.19uCi, Test Tube(L)			BURTON, DAVID	0.01119	mCi	12/02/1999

Total Packages Received : 93

Giagnacova, Andrew

430B

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Ba-133	1038	LSC standard			Giagnacova, Andrew	0.01434	mCi	11/08/2010
Co-57	53664A	Cal. source		RadQual	Giagnacova, Andrew	0.08345	mCi	08/25/2010
Co-57	53886	Dose calibrator source		Isotope Products	Giagnacova, Andrew	9.89820	mCi	05/05/2008
Co-60	00762	Irradiator		J. L. Sheperd	Giagnacova, Andrew	23,879.27643	Ci	03/24/1999
Co-60	00762A	Irradiator		J. L. Sheperd	Giagnacova, Andrew	5,313.46398	Ci	08/25/2010

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

Giagnacova, Andrew 430B

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Cs-137	00789A	Irradiator			Giagnacova, Andrew	4,618.71617	Ci	08/25/2010
Total Packages Received :					6			

GORDON, RICHARD 703

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
C-14	0000586	Aspartic Acid(L)			GORDON, RICHARD	0.05000	mCi	08/11/1999
C-14	0000587	Acetylcholin Iodide [Acetyl-1-			GORDON, RICHARD	0.04999	mCi	08/11/1999
C-14	0051895	Pyridostigmine Iodide [Pyridin			GORDON, RICHARD	0.20000	mCi	07/29/1999
C-14	53115	ART 621/ Chloroethylamine		American Rad. Co	GORDON, RICHARD	0.25000	mCi	07/11/2003
C-14	53516	A4844 / ALBUMIN		Sigma	GORDON, RICHARD	0.00100	mCi	09/05/2007
C-14	53539	2 Deoxy-D-Glucose-1-14C		Sigma	GORDON, RICHARD	0.10000	mCi	09/16/2008
C-14	53570	Methyl-D-Glucose	1505677493	Perkin Elmer	GORDON, RICHARD	0.05000	mCi	08/13/2009
C-14	876	Putrescine		ALPCO	GORDON, RICHARD	0.04999	mCi	03/01/2004
C-14	877	Putrescine DI-HCL		Amersham	GORDON, RICHARD	0.04999	mCi	03/01/2004
C-14	878	CUSTOM SYN(L)			GORDON, RICHARD	0.10000	mCi	03/01/2004
H-3	0000319	L-[G-3H]Glutamic acid(L)			GORDON, RICHARD	0.86350	mCi	01/17/1997
H-3	0000331	SCOPOLAMINE HCL(L)			GORDON, RICHARD	0.70250	mCi	01/22/1997
H-3	0000588	Diisopropylfluorophosphate, [1			GORDON, RICHARD	0.21645	mCi	08/11/1999
H-3	0051138	-(-) Huperzine(L)			GORDON, RICHARD	2.20000	mCi	05/01/1998
H-3	0051178	Scopolamine methylchloride, [N			GORDON, RICHARD	0.25000	mCi	05/20/1998
H-3	0051180	Amino-3-hydroxy-5-methylisoxaz			GORDON, RICHARD	0.02500	mCi	05/20/1998
H-3	0051181	TCP, [piperidyl-3,4-3H(N)]- (N			GORDON, RICHARD	0.25000	mCi	05/20/1998
H-3	0051182	CNQX, [5-3H]- (6-Cyano-7-nitro			GORDON, RICHARD	0.02500	mCi	05/20/1998
H-3	0051184	2x MK-801, (+)-[3-3H]-(L)			GORDON, RICHARD	0.50000	mCi	05/21/1998
H-3	0051513	Propyl-3-(3-hydroxyphenyl) pip			GORDON, RICHARD	0.25000	mCi	11/17/1998
H-3	0051517	Propyl-3-(3-hydroxyphenyl) pip			GORDON, RICHARD	0.25000	mCi	11/19/1998
H-3	0051518	Propyl-3-(3-hydroxyphenyl) pip			GORDON, RICHARD	0.25000	mCi	11/19/1998
H-3	0051519	Propyl-3-(3-hydroxyphenyl) pip			GORDON, RICHARD	0.25000	mCi	11/19/1998
H-3	0052265	MK-801, (+)-[3-3H]-(L)			GORDON, RICHARD	0.25000	mCi	07/07/2000
H-3	0052590	Epibatidine [5,6-BI cylohepty			GORDON, RICHARD	0.02500	mCi	08/10/2001
H-3	52986	Ethylcarboxamide adenosin		Perkin Elmer	GORDON, RICHARD	0.25000	mCi	02/28/2003
H-3	53111	MT746 / Cyclohexylado		Moravek	GORDON, RICHARD	0.25000	mCi	07/08/2003
H-3	53112	ART 651 / Cocaine		American Rad. Co	GORDON, RICHARD	0.10000	mCi	07/08/2003
H-3	53315	2x Net02700 / Thymidine		Perkin Elmer	GORDON, RICHARD	10.00000	mCi	04/01/2005
H-3	53337	NET1090/Cholone Chloride		Perkin Elmer	GORDON, RICHARD	5.00000	mCi	09/07/2005
H-3	53355	NET1048/Norepinephrine		Perkin Elmer	GORDON, RICHARD	1.00000	mCi	01/25/2006

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

GORDON, RICHARD 703

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
H-3	53407	NET986 / DTG		Perkin Elmer	GORDON, RICHARD	0.25000	mCi	07/28/2003
H-3	53505	Sucrose		American Rad. Cc	GORDON, RICHARD	0.01000	mCi	04/05/2007
H-3	53506	Inulin		American Rad. Cc	GORDON, RICHARD	0.25000	mCi	04/05/2007
H-3	53510	Tritated Water		MP Biomedical	GORDON, RICHARD	25.00000	mCi	06/18/2007
H-3	53515	NET564 / DIAZEPHAM		Perkin Elmer	GORDON, RICHARD	0.25000	mCi	08/24/2007
H-3	53523	MK-801		Perkin Elmer	GORDON, RICHARD	0.25000	mCi	03/05/2008
H-3	53528	NET972/MK801		Perkin Elmer	GORDON, RICHARD	0.25000	mCi	05/01/2008
H-3	53568	Scopolamine Methyl Chloride		Perkin Elmer	GORDON, RICHARD	1.00000	mCi	08/05/2009
H-3	53571	Xanthurenic Acid	78262	American Rad. Cc	GORDON, RICHARD	20.00000	mCi	08/18/2009
H-3	53584	Scopolamine Methyl Chloride		Perkin Elmer	GORDON, RICHARD	1.00000	mCi	06/22/2010
H-3	53595	Prostaglandin-E2		American Rad. Cc	GORDON, RICHARD	0.02500	mCi	09/16/2010
H-3	53700	Scopolamine Methyl Chloride	598093	Perkin Elmer	GORDON, RICHARD	1.00000	mCi	01/04/2011
H-3	870	DEAZAARISTERO(L)			GORDON, RICHARD	2.74096	mCi	03/01/2004
H-3	871	DEAZANEPLANO(L)			GORDON, RICHARD	0.54819	mCi	03/01/2004
H-3	872	DEAZANEPLANOCIN(L)			GORDON, RICHARD	0.61740	mCi	03/01/2004
H-3	873	Deazaaristeromycin(L)			GORDON, RICHARD	0.69686	mCi	03/01/2004
H-3	874	3-Deaza-Adenosine(L)			GORDON, RICHARD	2.09284	mCi	03/01/2004
H-3	875	3-Deazaadenosine(L)			GORDON, RICHARD	0.89590	mCi	03/01/2004
H-3	904	2x Xanthurenic Acid			GORDON, RICHARD	34.00757	mCi	03/14/2004
I-125	53509	Iodine		MP Biomedical	GORDON, RICHARD	2.00000	mCi	06/18/2007

Total Packages Received : 51

HINDS II, SIDNEY R. H01*Bldg 2*

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Ba-133	0048234	DOSE CAL REF SOURCE(S)			HINDS II, SIDNEY R.	0.25919	mCi	11/03/1994
Ba-133	53835	Ba-133 Type R Rod		Isotope Products	HINDS II, SIDNEY R.	0.00964	mCi	06/05/2007
C-14	887	10x H.Pylori		Ballard Corporatic	HINDS II, SIDNEY R.	0.01000	mCi	05/12/2004
Co-57	0000361	Flood Source(S)			HINDS II, SIDNEY R.	11.19000	mCi	05/06/1997
Co-57	0039650	FLEXIBLE MARKER(S)			HINDS II, SIDNEY R.	0.15000	mCi	01/19/1990
Co-57	0041816	SPOT MARKER X 6(S)			HINDS II, SIDNEY R.	0.30000	mCi	12/27/1990
Co-57	53543	Flood Source		International Isot	HINDS II, SIDNEY R.	15.78741	mCi	11/10/2008
Co-57	53564	Flood Source		RadQual	HINDS II, SIDNEY R.	15.66672	mCi	04/28/2009
Co-57	53579	Flood Source		International Isot	HINDS II, SIDNEY R.	15.90904	mCi	12/08/2009
Co-57	53585	Spot marker		RadQual	HINDS II, SIDNEY R.	0.04824	mCi	06/28/2010
Co-57	53586	Spot marker		RadQual	HINDS II, SIDNEY R.	0.04824	mCi	06/28/2010
Co-57	53587	Spot marker		RadQual	HINDS II, SIDNEY R.	0.04824	mCi	06/28/2010

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

HINDS II, SIDNEY R. H01

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Co-57	53589	Co-57 Rectangular Flood Source		International Isot	HINDS II, SIDNEY R.	15.86839	mCi	07/29/2010
Co-57	53703	Flood Source		Eckert & Ziegler	HINDS II, SIDNEY R.	8.95834	mCi	03/16/2011
Co-57	53709	Co-57 Rectangular Flood Source	161407	Eckert & Ziegler	HINDS II, SIDNEY R.	10.90871	mCi	07/29/2011
Co-57	53711	sealed sources	161329	Eckert & Ziegler	HINDS II, SIDNEY R.	0.05000	mCi	08/01/2011
Co-57	53713	sealed sources	161330	Eckert & Ziegler	HINDS II, SIDNEY R.	0.05000	mCi	08/01/2011
Co-57	53857	Spot Marker		RadQual	HINDS II, SIDNEY R.	0.04548	mCi	01/23/2008
Co-57	53858	Spot Marker		RadQual	HINDS II, SIDNEY R.	0.04548	mCi	01/23/2008
Co-57	53859	Spot Marker		RadQual	HINDS II, SIDNEY R.	0.04548	mCi	01/23/2008
Co-57	53860	Spot Marker		RadQual	HINDS II, SIDNEY R.	0.04548	mCi	01/23/2008
Co-57	53861	Spot Marker		RadQual	HINDS II, SIDNEY R.	0.04548	mCi	01/23/2008
Co-57	965	Spot Marker		RadQual	HINDS II, SIDNEY R.	0.05000	mCi	06/20/2005
Co-60	0048233	DOSE CAL REF SOURCE(S)			HINDS II, SIDNEY R.	0.05400	mCi	11/03/1994
Cs-137	0042805	REF SOURCE(S)			HINDS II, SIDNEY R.	0.00780	mCi	06/07/1991
Cs-137	0052858	Rod Source(S)			HINDS II, SIDNEY R.	0.00050	mCi	01/10/2002
Cs-137	0052860	Rod Source(S)			HINDS II, SIDNEY R.	0.00050	mCi	01/10/2002
Eu-152	0052859	Rod Source GF000(S)			HINDS II, SIDNEY R.	0.00001	mCi	01/10/2002
Gd-153	0000685	Gd-153 in ceramic matrix(S)			HINDS II, SIDNEY R.	174.77573	mCi	04/03/2001
Gd-153	0000686	Gd-153 in ceramic matrix(S)			HINDS II, SIDNEY R.	174.77573	mCi	04/03/2001
Gd-153	0051461	2x Line Sources(S)			HINDS II, SIDNEY R.	513.05667	mCi	10/23/1998
Gd-153	53707	Transmission Line Source		Eckert & Ziegler	HINDS II, SIDNEY R.	240.84944	mCi	06/14/2011
Gd-153	53708	Transmission Line Source		Eckert & Ziegler	HINDS II, SIDNEY R.	240.84944	mCi	06/14/2011
Gd-153	53710	sealed sources	161329	Eckert & Ziegler	HINDS II, SIDNEY R.	10.92993	mCi	08/01/2011
Gd-153	53712	sealed sources	161330	Eckert & Ziegler	HINDS II, SIDNEY R.	10.92993	mCi	08/01/2011
Ge-68	0051583	Ge-68 200uCi in 3"x5" Type R R			HINDS II, SIDNEY R.	0.27019	mCi	01/06/1999
Ge-68	53234	Ge-68 Source		Sanders Medical	HINDS II, SIDNEY R.	1.18851	mCi	01/06/2003
Ge-68	53235	Ge-68 Source		Sanders Medical	HINDS II, SIDNEY R.	1.12452	mCi	01/06/2003
Ge-68	53236	Ge-68 Source		Sanders Medical	HINDS II, SIDNEY R.	1.18851	mCi	01/06/2003
Ge-68	53572	PET Source		Seimens	HINDS II, SIDNEY R.	1.37668	mCi	08/20/2009
Ge-68	53573	PET Source		Seimens	HINDS II, SIDNEY R.	1.24700	mCi	08/20/2009
Ge-68	53574	PET Source		Seimens	HINDS II, SIDNEY R.	1.24700	mCi	08/20/2009
Ge-68	53592	PET Source	201291452	Seimens	HINDS II, SIDNEY R.	1.32716	mCi	08/31/2010
Ge-68	53593	PET Source		Seimens	HINDS II, SIDNEY R.	1.05975	mCi	08/31/2010
Ge-68	53594	PET Source		Seimens	HINDS II, SIDNEY R.	1.05975	mCi	08/31/2010
Ge-68	53614	PET Source		CTI Sources, Inc.	HINDS II, SIDNEY R.	1.40661	mCi	04/27/2005
I-125	0000735	6x Free T4 100T Kit w/cells(L)			HINDS II, SIDNEY R.	0.06000	mCi	04/05/2002
I-125	0000736	FT3 RIA CAC Kits(L)			HINDS II, SIDNEY R.	0.02250	mCi	04/05/2002
I-125	0000738	5x FT4 CAC RIA Kits(L)			HINDS II, SIDNEY R.	0.05000	mCi	04/26/2002

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

HINDS II, SIDNEY R. H01

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
I-125	0000742	5x Free T4 100T Kit w/cells(L)			HINDS II, SIDNEY R.	0.05000	mCi	06/11/2002
I-125	0000743	9x Free T4 100T Kit w/cells(L)			HINDS II, SIDNEY R.	0.90000	mCi	07/02/2002
I-125	0000750	FT3 RIA CAC Kit		Diagnostic Produc	HINDS II, SIDNEY R.	0.02300	mCi	08/26/2002
I-125	00991	2x HSA			HINDS II, SIDNEY R.	0.01000	mCi	12/13/2005
I-125	1002	I125 HSA		Anazao Health	HINDS II, SIDNEY R.	0.01000	mCi	08/15/2006
I-125	53605	Iso Cal Single set		MP Biomedical	HINDS II, SIDNEY R.	0.00040	mCi	01/18/2005
I-125	999	I125 HSA		Anazao Health	HINDS II, SIDNEY R.	0.01000	mCi	05/30/2006
I-131	0052827	Capsule(L)			HINDS II, SIDNEY R.	30.00000	mCi	10/18/2001
In-111	0050823	Indium Chloride(L)			HINDS II, SIDNEY R.	0.06900	mCi	10/31/1997
In-111	0051335	Indium-111(L)			HINDS II, SIDNEY R.	1.00000	mCi	08/10/1998
Sm-153	0050444	Samarium 153(L)			HINDS II, SIDNEY R.	15.00000	mCi	05/14/1997
Sr-89	0051964	Metastron Strontium 89 Chlorid			HINDS II, SIDNEY R.	4.00000	mCi	09/30/1999
Xe-133	0046298	XENON GAS X 5(G)			HINDS II, SIDNEY R.	100.00000	mCi	04/23/1993
Xe-133	0046313	GAS X 5(L)			HINDS II, SIDNEY R.	100.00000	mCi	04/27/1993

Total Packages Received : 63

HUDSON, THOMAS 705

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
C-14	1016	Aspartic Acid			HUDSON, THOMAS	0.05000	mCi	11/07/2007
C-14	1017	2x Acetyl Coenzyme A		Sigma	HUDSON, THOMAS	0.10000	mCi	12/19/2007
C-14	1020	2x Acetyl Coenzyme A		Sigma	HUDSON, THOMAS	0.10000	mCi	03/12/2008
C-14	53399	A7925/Acetyl coenzyme			HUDSON, THOMAS	0.05000	mCi	03/13/2007
C-14	53504	Acetyl-1-14C Coenzyme A		Sigma	HUDSON, THOMAS	0.05000	mCi	04/04/2007
C-14	53529	2x Acetyl Coenzyme A		Sigma	HUDSON, THOMAS	0.10000	mCi	05/23/2008
C-14	53530	2x Acetyl Coenzyme A		Sigma	HUDSON, THOMAS	0.10000	mCi	06/12/2008
C-14	53531	2x Acetyl Coenzyme A		Sigma	HUDSON, THOMAS	0.10000	mCi	07/02/2008
C-14	53540	2x acetyl Coenzyme A		Sigma	HUDSON, THOMAS	0.10000	mCi	10/15/2008
C-14	53547	Acetyl Coenzyme A		Perkin Elmer	HUDSON, THOMAS	0.02000	mCi	12/03/2008
H-3	53392	3x Hypoxanthine Monohydr		American Rad. Cc	HUDSON, THOMAS	15.00000	mCi	02/01/2007
H-3	53565	Hypoxanthine Monohydrochloride		American Rad. Cc	HUDSON, THOMAS	0.01000	mCi	05/29/2009
H-3	53576	Hypoxanthine Monohydrochloride		American Rad. Cc	HUDSON, THOMAS	15.00000	mCi	09/09/2009
H-3	53580	Hypoxanthine Monohydrochloride		American Rad. Cc	HUDSON, THOMAS	15.00000	mCi	02/04/2010
H-3	53583	Hypoxanthine Monohydrochloride		American Rad. Cc	HUDSON, THOMAS	15.00000	mCi	06/10/2010
H-3	53591	Hypoxanthine Monohydrochloride	100625	American Rad. Cc	HUDSON, THOMAS	15.00000	mCi	08/17/2010
H-3	53704	Hypoxanthine Monohydrochloride		American Rad. Cc	HUDSON, THOMAS	10.00000	mCi	03/31/2011
H-3	53706	Hypoxanthine Monohydrochloride	110211	American Rad. Cc	HUDSON, THOMAS	10.00000	mCi	05/25/2011

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

HUDSON, THOMAS 705

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
P-32	53395	4x ATP		G. E. Healthcare	HUDSON, THOMAS	4.00000	mCi	01/31/2007
P-32	53397	4x ATP		G. E. Healthcare	HUDSON, THOMAS	4.00000	mCi	02/27/2007
P-32	53502	2x ATP		G. E. Healthcare	HUDSON, THOMAS	2.00000	mCi	04/03/2007

Total Packages Received : 21

KRZYCH, URSZULA 671

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
H-3	1037			Perkin Elmer	KRZYCH, URSZULA	5.00000	mCi	03/06/2009

Total Packages Received : 1

LI, QIGUI 454*Bldg 54*

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Ba-133	884	sealed sources		Perkin Elmer	LI, QIGUI	0.01000	mCi	04/15/2004
C-14	0052034	Artelinic Acid(L)			LI, QIGUI	1.20000	mCi	12/14/1999
C-14	0052349	8-[(4-Amino-1-methylbutyl)amin			LI, QIGUI	2.96000	mCi	09/20/2000
C-14	0052383	8-[(4-Amino-1-methylbutyl)amino			LI, QIGUI	2.50000	mCi	10/17/2000
C-14	0052442	{16-14C} Artelinic Acid;jRTI L			LI, QIGUI	0.50000	mCi	01/03/2001
C-14	53468	Dihydroartemisinin		McKesson Bioserv	LI, QIGUI	5.40000	mCi	05/11/2004
C-14	53469	Artesunic Acid		McKesson Bioserv	LI, QIGUI	5.20000	mCi	05/11/2004
H-3	52033	Dihydroartemisinin(L)			LI, QIGUI	1.00000	mCi	12/14/1999

Total Packages Received : 8

MACDONALD, VICTOR H05

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Co-57	0048591	SEALED SOURCE(S)			MACDONALD, VICTOR	5.00000	mCi	03/09/1995

Total Packages Received : 1

MATYAS, GARY 677

Isotope	Ship Code	Compound	Lot Number	Vendor Code	PI NAME	Receipt Activity	Unit	Receipt Date
Cr-51	53596	NaCrO2		Perkin Elmer	MATYAS, GARY	5.00000	mCi	11/03/2010
Cr-51	53598	NaCrO2		Perkin Elmer	MATYAS, GARY	5.00000	mCi	11/22/2010
Cr-51	53701	NaCrO2		Perkin Elmer	MATYAS, GARY	5.00000	mCi	01/05/2011
Cr-51	53705	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.80967	mCi	05/19/2011

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

MATYAS, GARY

677

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Cr-51	53817	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	02/21/2007
Cr-51	53818	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	02/21/2007
Cr-51	53820	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	03/12/2007
Cr-51	53823	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	04/02/2007
Cr-51	53824	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	04/05/2007
Cr-51	53831	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	05/17/2007
Cr-51	53846	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	08/27/2007
Cr-51	53849	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	10/09/2007
Cr-51	53852	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	12/03/2007
Cr-51	53853	NEZ030		Perkin Elmer	MATYAS, GARY	5.00000	mCi	12/17/2007
Cr-51	53854	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	12/26/2007
Cr-51	53855	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	01/14/2008
Cr-51	53862	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	02/04/2008
Cr-51	53873	NEZ030S / CR-51 Radnuclid		Perkin Elmer	MATYAS, GARY	5.00000	mCi	04/24/2008
Cr-51	53879	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	06/06/2008
Cr-51	53888	Chromium-51Radionuclide		Perkin Elmer	MATYAS, GARY	5.00000	mCi	08/08/2008
H-3	53336	5x Thymidine		Perkin Elmer	MATYAS, GARY	25.00000	mCi	08/25/2005
H-3	53590	Thymidine		Perkin Elmer	MATYAS, GARY	0.25000	mCi	08/16/2010
H-3	53844	5x NET027A/Thymidine		Perkin Elmer	MATYAS, GARY	25.00000	mCi	07/26/2007
I-129	0052522	5x I-129 Standards for gamma c		Hewlett Packard	MATYAS, GARY	0.00026	mCi	02/20/2001
S-35	53567	Tran 35S Label		Perkin Elmer	MATYAS, GARY	2.11409	mCi	07/24/2009

Total Packages Received : 25

RICHIE, THOMAS L.

709

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
H-3	53588	Thymidine	201007	Perkin Elmer	RICHIE, THOMAS L.	0.25000	mCi	07/20/2010

Total Packages Received : 1

SPRIGGS, MARK

430A

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Co-57	53664	Cal. source		RadQual	SPRIGGS, MARK	5.49664	mCi	03/02/2006
Cs-137	00789	Irradiator			SPRIGGS, MARK	5,929.57830	Ci	10/12/1999

Total Packages Received : 2

RAM Shipments Received Report by P.I.

Shipments received from : 01/01/1990 To 11/01/2011

Williams, Jimmy L.

714

Bldg 12 + Bldg 14

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
Ni-63	00844	Vapor Tracer			Williams, Jimmy L.	9.63507	mCi	09/05/2008
Ni-63	00845	Vapor Tracer		G. E. Healthcare	Williams, Jimmy L.	9.63306	mCi	09/05/2008
Ni-63	00846	Vapor Tracer		G. E. Healthcare	Williams, Jimmy L.	9.63214	mCi	09/25/2008
Ni-63	00847	Vapor Tracer		G. E. Healthcare	Williams, Jimmy L.	9.63488	mCi	09/05/2008
Ni-63	1000	Itemisers3		G. E. Healthcare	Williams, Jimmy L.	9.69979	mCi	09/05/2008
Ni-63	1001	Itemisers3		G. E. Healthcare	Williams, Jimmy L.	9.69979	mCi	09/05/2008

Total Packages Received : 6

YOURICK, DEBRA

499

<u>Isotope</u>	<u>Ship Code</u>	<u>Compound</u>	<u>Lot Number</u>	<u>Vendor Code</u>	<u>PI NAME</u>	<u>Receipt Activity</u>	<u>Unit</u>	<u>Receipt Date</u>
I-125	53562			Seimens	YOURICK, DEBRA	0.02250	mCi	04/02/2009

Total Packages Received : 1

MCHL-XL

2 February, 2000

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 1999 to December 31, 1999

<u>Isotope</u>	<u>Amount Received During 1999</u>
Cr-51	1.75 mCi
Co-57	0.026 mCi
Ga-67	656.1 mCi
In-111	371.09 mCi
I-123	3.9 mCi
I-125	0.48 mCi
I-131 capsules	5,502.4 mCi
I-131 liquid	105.7 mCi
Mo-99	337,000 mCi
Sm-153	700 mCi
Sr-89	4 mCi
Tc-99m	1,360 mCi
Tl-201	3,132.2 mCi
Xe-133	7,980 mCi
Y-90	40 mCi

3. The point of contact for this memorandum is the undersigned at (202)782-0177.

JOSEPH C. DUPUIS
CPT, MS
Nuclear Pharmacist

MCHL-XL

4 January, 2001

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2000 to December 31, 2000

<u>Isotope</u>	<u>Amount Received During 2000</u>
Cr-51	1.29 mCi
Co-57	0.035 mCi
Co-58	0.021 mCi
Ga-67	551.42 mCi
In-111	180.9 mCi
I-123	2.6 mCi
I-125	0.30 mCi
I-131 capsules	6,229.9 mCi
I-131 liquid	209 mCi
Mo-99	497,500 mCi
Sm-153	150 mCi
Sr-89	4 mCi
Tl-201	3,238.3 mCi
Xe-133	7,560 mCi
F18	131.5 mCi

3. The point of contact for this memorandum is the undersigned at (202) 782-0177/5296.

ROBERT MASSEY
LTC, MS
Nuclear Pharmacist

MCHL-XL

8 January 2002

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2001 to December 31, 2001

<u>Isotope</u>	<u>Amount Received During 2001</u>
Cr-51	1.50 mCi
Co-57	0.040 mCi
Co-58	0.040 mCi
Ga-67	529.77 mCi
In-111	233.87 mCi
I-123	6.0 mCi
I-125	0.68 mCi
I-131 capsules	8,134.51 mCi
I-131 liquid	379.40 mCi
I-131 NP59	8.06 mCi
Mo-99	520,000 mCi
Sm-153	900 mCi
Tl-201	3,797.66 mCi
Xe-133	7,280 mCi
F18	751.87 mCi

3. The point of contact for this memorandum is the undersigned at (202) 782-0177/5296.

ROBERT MASSEY
LTC, MS
Nuclear Pharmacist

MCHL-XL

28 January 2003

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2002 to December 31, 2002

<u>Isotope</u>	<u>Amount Received During 2002</u>
Cr-51	1.00 mCi
Co-57	0.030 m6Ci
Ga-67	143.86 mCi
In-111	291.88 mCi
I-123	34.30 mCi
I-125	0.44 mCi
I-131 capsules	5,852.56 mCi
I-131 liquid	265.37 mCi
Mo-99	550,000 mCi
Sm-153	1300 mCi
Tl-201	4,236.40 mCi
Xe-133	4,500 mCi
F18	499.12 mCi

3. The point of contact for this memorandum is the undersigned at (202) 782-0177/5296.

AARON L. STACK
 MAJ, MC
 Chief, Nuclear Medicine Service

MCHL-XL

14 January 2005

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2004 to December 31, 2004

<u>Isotope</u>	<u>Amount Received During 2002</u>	
Cr-51	1.75	mCi
Y-90	222	mCi
Ga-67	23.10	mCi
In-111	314.25	mCi
I-123	98.76	mCi
I-125	0.160	mCi
I-131 capsules	8,110.398	mCi
Mo-99	532,500	mCi
Sm-153	150	mCi
Tl-201	4,162.40	mCi
Xe-133	6,320	mCi
F18	19,730	mCi

3. The point of contact for this memorandum is the undersigned at (202) 782-0177/5296.

THOMAS W. ALLEN
COL, MC
Chief, Nuclear Medicine Service

MCHL-XL

8 January 2007

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2006 to December 31, 2006

<u>Isotope</u>	<u>Amount Received During 2006</u>	
Co-51	0.0044	mCi
Cr-51	0.75	mCi
Ga-67	22.0	mCi
In-111	311.71	mCi
I-123	300.60	mCi
I-125	0.60	mCi
I-131 capsules	5,739.35	mCi
I-131 liquid	18.0	mCi
Mo-99	510,000.0	mCi
Sm-153	250.0	mCi
Tc99m	1,031,966.0*	mCi
Tl-201	3,244.30	mCi
Xe-133	4,760.0	mCi
F18	19,520.0	mCi

3. The point of contact for this memorandum is the undersigned at (202) 782-0177/5296.

THOMAS W. ALLEN
COL, MC
Chief, Nuclear Medicine Service

*Includes Tc99m eluted from in-house Mo99/Tc99m generators

MCHL-XL

21 February 2008

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2007 to December 31, 2007

<u>Isotope</u>	<u>Amount Received During 2007</u>	
Cr-51	0.85	mCi
In-111	336..0	mCi
I-123	2246.3	mCi
I-125	0.07	mCi
I-131 capsules	7,433.11	mCi
I-131 liquid	10.68	mCi
Mo-99	507,000.0	mCi
Sm-153	200.0	mCi
Tc99m	973,470.0*	mCi
Tl-201	2,735.0	mCi
Xe-133	5,060.0	mCi
F18	19,760.0	mCi

3. The point of contact for this memorandum is the R. Massey at (202) 782-0177.

AARON L. STACK
 LTC, MC
 Chief, Nuclear Medicine Service

*Includes Tc99m eluted from in-house Mo99/Tc99m generators

MCHL-XL

3 February 2010

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2009 to December 31, 2009

<u>Isotope</u>	<u>Amount Received During 2007</u>	
Cr-51	0.50	mCi
In-111	81.74	mCi
I-123	567.26	mCi
I-125	0.020	mCi
I-131 capsules	4,694.17	mCi
I-131 liquid	10.00	mCi
Mo-99	248,000.0	mCi
Sm-153	150.0	mCi
Tc99m	649,360.0*	mCi
Tl-201	2,403.1	mCi
Xe-133	4,980.0	mCi
F18	17,930.0	mCi

3. The point of contact for this memorandum is the R. Massey at (202) 782-0177.

ROBERT MASSEY
RPh, BCNP
Nuclear Pharmacist

*Includes Tc99m eluted from in-house Mo99/Tc99m generators

MCHL-XL

24 January 2011

MEMORANDUM FOR Health Physics Office

SUBJECT: Nuclear Pharmacy Audit of Radioactive Material Inventory for Authorization #H01

1. The following is an annual radioactive materials inventory of isotopes received by authorization #H01.
2. The inventory audit is from January 1, 2010 to December 31, 2010

<u>Isotope</u>	<u>Amount Received During 2010</u>	
C-14	0.008	mCi
Cr-51	0.035	mCi
F18	13,470	mCi
Ga-67	34.40	mCi
In-111	157.17	mCi
I-123	62,710	mCi
I-125	0.020	mCi
I-131	4,297.40	mCi
Mo-99	173,500.0	mCi
Ra-223	0.16	mCi
Tc99m	394,125.86*	mCi
Tl-201	2,861.90	mCi
Xe-133	5,200	mCi
Y-90	27.2	mCi

3. The point of contact for this memorandum is the R. Massey at (202) 782-0177.

SIDNEY HINDS
 LTC(P), MC
 Chief, Nuclear Medicine Service

*Includes Tc99m eluted from in-house Mo99/Tc99m generators

63-NI-45

Principal User WILLIAMS, JIMMY L.		AUTH No. 714	Surveyor(s): David Burton		Date 25-Apr-11					
Organization Provost Marshal			Health Physics Source Identification Number(s): 63-Ni-45							
Building No. 14	Room No. P-205	Phone 782-8303	Isotope: Ni-63 Total Activity 9.54 mCi							
Comments: LEAK TEST APR/OCT INVENTORY JAN/JUL Description: GE Vapor Tracer 2 S/N 07034937982 / 09-8475 Smear No: 9			Primary emissions(s) alpha <table border="1"><tr><td></td></tr></table> beta <table border="1"><tr><td>X</td></tr></table> gamma <table border="1"><tr><td></td></tr></table>				X			
X										
Instrument Used: AutoGamma LSC <table border="1"><tr><td>X</td></tr></table> Gas Pro <table border="1"><tr><td></td></tr></table>			X		MDA Formula: $(4.66 * \text{Sqrt}(\text{Background})) / ((\text{Efficiency}) * (\text{Counting time}))$					
X										
Background Data Gross Counts: <table border="1"><tr><td>70</td></tr></table> Count Time (Minutes): <table border="1"><tr><td>10</td></tr></table> CPM: <table border="1"><tr><td>7</td></tr></table> MDA(uCi): 1.93E-06			70	10	7	Efficiency: Isotope: <table border="1"><tr><td>C-14</td></tr></table> Counting Efficiency <table border="1"><tr><td>91%</td></tr></table>			C-14	91%
70										
10										
7										
C-14										
91%										
<u>Sample Results</u>										
Sample Number	1									
Location	2									
Gross Counts	70									
Count Time	10									
CPM	7									
Net CPM	0									
MDA	1.93E-06 uCi									
Counted Activity	0.00E+00 uCi									
Result	<MDA uCi									
Confidence interval +/-	4.13E-06 uCi									
Counting Completion Date: 25-Apr-11 Form Entered into computer: 25-Apr-11 Form Entered into computer by: D. Burton Reviewed by (TS Branch): D. Burton Posted by: D. Burton Reviewed (RMC): Mr. Burton Reviewed (RPO): LTC Fota										

63-NI-46

Principal User WILLIAMS, JIMMY L.		AUTH No. 714	Surveyor(s): David Burton		Date 25-Apr-11
Organization Provost Marshal			Health Physics Source Identification Number(s): 63-Ni-46		
Building No. 14	Room No. P-205	Phone 782-8303	Isotope: Ni-63 Total Activity 9.54 mCi		
Comments: LEAK TEST APR/OCT INVENTORY JAN/JUL			Primary emissions(s) alpha <input type="checkbox"/> beta <input checked="" type="checkbox"/> gamma <input type="checkbox"/>		
Description: GE Vapor Tracer 2 S/N 07034938012 / 09-8418					
Smear No: 10					
Instrument Used: AutoGamma LSC <input checked="" type="checkbox"/> Gas Pro <input type="checkbox"/>			MDA Formula: $(4.66 * \sqrt{\text{Background}}) / ((\text{Efficiency}) * (\text{Counting time}))$		
<u>Background Data</u> Gross Counts: <input type="text" value="70"/> Count Time (Minutes): <input type="text" value="10"/> CPM: <input type="text" value="7"/> MDA(uCi): 1.93E-06			<u>Efficiency:</u> Isotope: <input type="text" value="C-14"/> Counting Efficiency <input type="text" value="91%"/>		
<u>Sample Results</u>					
Sample Number	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Location	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gross Counts	<input type="text" value="50"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Count Time	<input type="text" value="10"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CPM	<input type="text" value="5"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Net CPM	<input type="text" value="-2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MDA	<input type="text" value="1.93E-06 uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counted Activity	<input type="text" value="-9.90E-07 uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Result	<input type="text" value="<MDA uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Confidence interval +/-	<input type="text" value="3.82E-06 uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counting Completion Date:			<input type="text" value="25-Apr-11"/>		
Form Entered into computer:			<input type="text" value="25-Apr-11"/>		
Form Entered into computer by:			<input type="text" value="D. Burton"/>		
Reviewed by (TS Branch):			<input type="text" value="D. Burton"/>		
Posted by			<input type="text" value="D. Burton"/>		
Reviewed (RMC)			<input type="text" value="Mr. Burton"/>		
Reviewed (RPO)			<input type="text" value="LTC Fota"/>		

63-NI-47

Principal User WILLIAMS, JIMMY L.		AUTH No. 714	Surveyor(s): David Burton		Date 25-Apr-11					
Organization Provost Marshal			Health Physics Source Identification Number(s): 63-Ni-47							
Building No. 14	Room No. P-205	Phone 782-8303	Isotope: Ni-63 Total Activity 9.54 mCi							
Comments: LEAK TEST APR/OCT INVENTORY JAN/JUL Description: GE Vapor Tracer 2 S/N 07034937990 / 09-8500 Smear No: 11			Primary emissions(s) alpha <table border="1"><tr><td></td></tr></table> beta <table border="1"><tr><td>X</td></tr></table> gamma <table border="1"><tr><td></td></tr></table>				X			
X										
Instrument Used: AutoGamma LSC <table border="1"><tr><td>X</td></tr></table> Gas Pro <table border="1"><tr><td></td></tr></table>			X		MDA Formula: $(4.66 * \sqrt{\text{Background}}) / ((\text{Efficiency}) * (\text{Counting time}))$					
X										
Background Data Gross Counts: <table border="1"><tr><td>70</td></tr></table> Count Time (Minutes): <table border="1"><tr><td>10</td></tr></table> CPM: <table border="1"><tr><td>7</td></tr></table> MDA(uCi): 1.93E-06			70	10	7	Efficiency: Isotope: <table border="1"><tr><td>C-14</td></tr></table> Counting Efficiency <table border="1"><tr><td>91%</td></tr></table>			C-14	91%
70										
10										
7										
C-14										
91%										
<u>Sample Results</u>										
Sample Number	<table border="1"><tr><td>3</td></tr></table>	3	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
3										
Location	<table border="1"><tr><td>4</td></tr></table>	4	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
4										
Gross Counts	<table border="1"><tr><td>60</td></tr></table>	60	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
60										
Count Time	<table border="1"><tr><td>10</td></tr></table>	10	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
10										
CPM	<table border="1"><tr><td>6</td></tr></table>	6	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
6										
Net CPM	<table border="1"><tr><td>-1</td></tr></table>	-1	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
-1										
MDA	<table border="1"><tr><td>1.93E-06 uCi</td></tr></table>	1.93E-06 uCi	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
1.93E-06 uCi										
Counted Activity	<table border="1"><tr><td>-4.95E-07 uCi</td></tr></table>	-4.95E-07 uCi	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
-4.95E-07 uCi										
Result	<table border="1"><tr><td><MDA uCi</td></tr></table>	<MDA uCi	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
<MDA uCi										
Confidence interval +/-	<table border="1"><tr><td>3.98E-06 uCi</td></tr></table>	3.98E-06 uCi	<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	
3.98E-06 uCi										
Counting Completion Date: 25-Apr-11 Form Entered into computer: 25-Apr-11 Form Entered into computer by: D. Burton Reviewed by (TS Branch): D. Burton Posted by: D. Burton Reviewed (RMC): Mr. Burton Reviewed (RPO): LTC Fota										

63-NI-48

Principal User WILLIAMS, JIMMY L.		AUTH No. 714	Surveyor(s): David Burton		Date 25-Apr-11
Organization Provost Marshal			Health Physics Source Identification Number(s): 63-Ni-48		
Building No. 14	Room No. P-205	Phone 782-8303	Isotope: Ni-63 Total Activity 9.54 mCi		
Comments: LEAK TEST APR/OCT INVENTORY JAN/JUL Description: GE Vapor Tracer 2 S/N 07034937963 / 09-8465 Smear No: 12			Primary emissions(s) alpha <input type="text"/> beta <input checked="" type="checkbox"/> gamma <input type="text"/>		
Instrument Used: AutoGamma LSC X Gas Pro			MDA Formula: $(4.66 * \text{Sqrt}(\text{Background})) / ((\text{Efficiency}) * (\text{Counting time}))$		
Background Data Gross Counts: <input type="text"/> 70 Count Time (Minutes): <input type="text"/> 10 CPM: <input type="text"/> 7 MDA(uCi): 1.93E-06			Efficiency: Isotope: <input type="text"/> C-14 Counting Efficiency <input type="text"/> 91%		
<u>Sample Results</u>					
Sample Number	<input type="text"/> 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Location	<input type="text"/> 5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gross Counts	<input type="text"/> 60	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Count Time	<input type="text"/> 10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CPM	<input type="text"/> 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Net CPM	<input type="text"/> -1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MDA	<input type="text"/> 1.93E-06	<input type="text"/> uCi	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counted Activity	<input type="text"/> -4.95E-07	<input type="text"/> uCi	<input type="text"/>	<input type="text"/>	<input type="text"/>
Result	<input type="text"/> <MDA	<input type="text"/> uCi	<input type="text"/>	<input type="text"/>	<input type="text"/>
Confidence interval +/-	<input type="text"/> 3.98E-06	<input type="text"/> uCi	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counting Completion Date: <input type="text"/> 25-Apr-11 Form Entered into computer: <input type="text"/> 25-Apr-11 Form Entered into computer by: <input type="text"/> D. Burton Reviewed by (TS Branch): <input type="text"/> D. Burton Posted by: <input type="text"/> D. Burton Reviewed (RMC): <input type="text"/> Mr. Burton Reviewed (RPO): <input type="text"/> LTC Fota					

63-NI-50

Principal User WILLIAMS, JIMMY L.		AUTH No. 714	Surveyor(s): David Burton		Date 25-Apr-11
Organization Provost Marshal			Health Physics Source Identification Number(s): 63-Ni-50		
Building No. 14	Room No. P-205	Phone 782-8303	Isotope: Ni-63 Total Activity 9.61 mCi		
Comments: LEAK TEST APR/OCT INVENTORY JAN/JUL Description: GE Itemizers 3 S/N 050449010330 Smear No: 13			Primary emissions(s) alpha <input type="checkbox"/> beta <input checked="" type="checkbox"/> gamma <input type="checkbox"/>		
Instrument Used: AutoGamma LSC <input checked="" type="checkbox"/> Gas Pro <input type="checkbox"/>			MDA Formula: $(4.66 * \sqrt{\text{Background}}) / ((\text{Efficiency}) * (\text{Counting time}))$		
Background Data Gross Counts: <input type="text" value="70"/> Count Time (Minutes): <input type="text" value="10"/> CPM: <input type="text" value="7"/> MDA(uCi): 1.93E-06			Efficiency: Isotope: <input type="text" value="C-14"/> Counting Efficiency <input type="text" value="91%"/>		
<u>Sample Results</u>					
Sample Number	<input type="text" value="5"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Location	<input type="text" value="6"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gross Counts	<input type="text" value="70"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Count Time	<input type="text" value="10"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CPM	<input type="text" value="7"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Net CPM	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MDA	<input type="text" value="1.93E-06"/>	<input type="text" value="uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counted Activity	<input type="text" value="0.00E+00"/>	<input type="text" value="uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Result	<input type="text" value="<MDA"/>	<input type="text" value="uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Confidence interval +/-	<input type="text" value="4.13E-06"/>	<input type="text" value="uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counting Completion Date:			<input type="text" value="25-Apr-11"/>		
Form Entered into computer:			<input type="text" value="25-Apr-11"/>		
Form Entered into computer by:			<input type="text" value="D. Burton"/>		
Reviewed by (TS Branch):			<input type="text" value="D. Burton"/>		
Posted by			<input type="text" value="D. Burton"/>		
Reviewed (RMC)			<input type="text" value="Mr. Burton"/>		
Reviewed (RPO)			<input type="text" value="LTC Fota"/>		

63-NI-51

Principal User WILLIAMS, JIMMY L.		AUTH No. 714	Surveyor(s): David Burton		Date 25-Apr-11
Organization Provost Marshal			Health Physics Source Identification Number(s): 63-Ni-51		
Building No. 14	Room No. P-205	Phone 782-8303	Isotope: Ni-63 Total Activity 9.61 mCi		
Comments: LEAK TEST APR/OCT INVENTORY JAN/JUL Description: GE Itemizers 3 S/N 050449010375 Smear No: 14			Primary emissions(s) alpha <input type="checkbox"/> beta <input checked="" type="checkbox"/> gamma <input type="checkbox"/>		
Instrument Used: AutoGamma LSC <input checked="" type="checkbox"/> Gas Pro <input type="checkbox"/>			MDA Formula: $(4.66 * \sqrt{\text{Background}}) / ((\text{Efficiency}) * (\text{Counting time}))$		
Background Data Gross Counts: <input type="text" value="70"/> Count Time (Minutes): <input type="text" value="10"/> CPM: <input type="text" value="7"/> MDA(uCi): 1.93E-06			Efficiency: Isotope: <input type="text" value="C-14"/> Counting Efficiency <input type="text" value="91%"/>		
<u>Sample Results</u>					
Sample Number	<input type="text" value="6"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Location	<input type="text" value="7"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gross Counts	<input type="text" value="70"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Count Time	<input type="text" value="10"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CPM	<input type="text" value="7"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Net CPM	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MDA	<input type="text" value="1.93E-06 uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counted Activity	<input type="text" value="0.00E+00 uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Result	<input type="text" value="<MDA uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Confidence interval +/-	<input type="text" value="4.13E-06 uCi"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Counting Completion Date: <input type="text" value="25-Apr-11"/> Form Entered into computer: <input type="text" value="25-Apr-11"/> Form Entered into computer by: <input type="text" value="D. Burton"/> Reviewed by (TS Branch): <input type="text" value="D. Burton"/> Posted by: <input type="text" value="D. Burton"/> Reviewed (RMC): <input type="text" value="Mr. Burton"/> Reviewed (RPO): <input type="text" value="LTC Fota"/>					

QUESTIONNAIRE FOR PERSONNEL INVOLVED WITH RADIOACTIVE MATERIALS

The purpose of this questionnaire is to assist in collecting information for a Historical Site Assessment (HSA) in support of radiological final status surveys for the Walter Reed Army Medical Center, Main Post, as part of the Base Realignment and Closure (BRAC). The HSA findings will be used to design and perform radiological surveys, as necessary to support release of the selected installation. Please complete this questionnaire to the best of your recollection, and include any additional explanations in the Additional Notes/Comments section on the last page of this questionnaire or on an attached sheet of paper.

Date of Interview: August 19, 2011

Name of Interviewer: Claude Wiblin

Mode of Communication(s): Telephone

Contact Information:

Ronald and Lois Loe

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1. What is your name and what is/was your job title/position?

Ronald Loe – Lead Radiation Safety Technician

Lois Loe – Radiation Safety Technician

2. During what span of years have you worked, or did you work, at this installation?

Ron- 1974 – 1980; Lois 1979-1981

3. How many years have you worked with radioactive materials?

30+ with experience from the Arm, and nuclear power industry for each of them

4. Can you name or identify the radioactive commodities or devices that you or anyone else might have worked on within the selected installation? What isotopes did they contain?

Sr-90 eye applicators, Ra needles, Cs needles and Ir-192 implants. Co-60 irradiator transferred out.

No radioactive commodities were used or stored. Devices were supervised by the medical HP.

5. Can you identify any locations/areas/buildings of known use or storage of radioactive material used at the selected installation, including fuel, raw materials, experiments, products, and liquid and solid effluents and wastes? (Be specific; Bldg/room numbers, outdoor areas, etc.)

Building 40 WRAIR and AFIP were primary research labs; the hospital nuclear med clinic was very active.

6. Where and how was the shipping and receiving of radioactive material handled?

All shipping and receiving was handled in Building 188 at the Forest Glen Section. No radioactive material was shipped directly to Main Post. Techs did pack some animal carcasses in Building 40 for transfer to the Forest Glen Storage area.

7. Did any of the radioactive commodities or devices contain promethium -147, depleted uranium, radium-226, cesium-137, hydrogen-3 (tritium) or cobalt-60? How did you handle these items (e.g., standard procedures, contamination controls, personal protective equipment, etc.)?

WRAMC Regulation 40-10 was the main document to follow regarding all things radioactive.

8. Did your standard operating procedures address disposal of radioactive materials or contaminated material/waste? Are you aware of any disposal, or incineration, of radioactive material onsite or if rad material was transferred to an industrial landfill as non-rad trash? Are there any burials of rad material on-site?

- All waste was collected by the HPO and taken to the underground Bunker near Building 188 for disposal.
- Certain sinks were designated specifically for liquid waste (log was maintained).
- Incineration was not performed.
- No burial of rad material was performed. No transfer to landfills.

9. Was animal research, with radioactive material, ever performed at the site? Describe.

In Building 40 with various animals including monkeys and dogs.

10. Are you aware of the presence of any radionuclide-containing exit signs or smoke alarms?

Not to my knowledge.

11. Were electronic maintenance activities performed on equipment with electron tubes? Where?

Not to my knowledge.

12. Describe what would happen if a radioactive commodity or device was damaged or broken. whom would you tell? What special procedures would have been implemented?

Reports would have been sent to the HPO and this never happened. WRAMC 40-10 would apply.

13. Do you recall any instance of broken or leaking sources or any other contamination incidents or accidents? Describe as accurately as can be recalled, including dates, specific rad materials and forms, contamination levels, areal extent of contamination, and disposition.

No leaking sources. Rooms for iodination were decontaminated as soon as possible following the procedure.

14. Are you aware of any studies/reports that may have identified contaminated areas and the isotopes activated? Describe.

None.

15. Are there any other individuals you feel should be interviewed regarding the above items?

None identified.

16. What areas would you concentrate on if you were conducting a radiological close out survey of the selected installation?

Waiting areas of Nuc Med clinic. Areas where stress tests were performed.

17. Additional Notes / Comments:

There was no use of thorium except for perhaps a small check source at the DORF reactor.

No alpha contamination was ever identified or brought to their attention.

QUESTIONNAIRE FOR PERSONNEL INVOLVED WITH RADIOACTIVE MATERIALS

The purpose of this questionnaire is to assist in collecting information for a Historical Site Assessment (HSA) in support of radiological final status surveys for the Walter Reed Army Medical Center, Main Post, as part of the Base Realignment and Closure (BRAC). The HSA findings will be used to design and perform radiological surveys, as necessary to support release of the selected installation. Please complete this questionnaire to the best of your recollection, and include any additional explanations in the Additional Notes/Comments section on the last page of this questionnaire or on an attached sheet of paper.

Date of Interview: August 19, 2011

Name of Interviewer: Claude Wiblin

Mode of Communication(s): Telephone

Contact Information:



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1. What is your name and what is/was your job title/position?

LTC Robert Quillin, Retired -Radiation Safety Officer and also Medical Physicist

2. During what span of years have you worked, or did you work, at this installation?

Jan 1969 through June 1980

3. How many years have you worked with radioactive materials?

30+ with experience from the Army, States of Colorado and Ohio

4. Can you name or identify the radioactive commodities or devices that you or anyone else might have worked on within the selected installation? What isotopes did they contain?

No radioactive commodities were used or stored. Theratron-80 containing Co-60 was moved to T-2 and then to AFFRI..

5. Can you identify any locations/areas/buildings of known use or storage of radioactive material used at the selected installation, including fuel, raw materials, experiments, products, and liquid and solid effluents and wastes? (Be specific; Bldg/room numbers, outdoor areas, etc.)

Nuclear medicine was in the Building T-2; while WRAIR in Building 40 conducted laboratory and animal research in Building 40; AFIP existed and research was performed there as well. No rad material was on hand or stored at AFIP; minimal use.

6. Where and how was the shipping and receiving of radioactive material handled?

All shipping and receiving was handled in Building 188 at the Forest Glen Section. No radioactive material was shipped directly to Main Post.

7. Did any of the radioactive commodities or devices contain promethium -147, depleted uranium, radium-226, cesium-137, hydrogen-3 (tritium) or cobalt-60? How did you handle these items (e.g., standard procedures, contamination controls, personal protective equipment, etc.)?

Sr-90 eye applications; radium interstitial therapy; Gynecological Cs-137 implants.
WRAMC Regulation 40-10 was the main document to follow regarding all things radioactive.

8. Did your standard operating procedures address disposal of radioactive materials or contaminated material/waste? Are you aware of any disposal, or incineration, of radioactive material onsite or if rad material was transferred to an industrial landfill as non-rad trash? Are there any burials of rad material on-site?

- All waste was collected by the HPO and taken to the underground Bunker near Building 188 for transfer or authorized disposal.
- Certain sinks were designated specifically for liquid waste.
- Incineration was not performed.
- No burial of rad material was performed. Nothing went to landfills.

9. Was animal research, with radioactive material, ever performed at the site? Describe.

Research was conducted In Building 40 with various animals including monkeys and dogs.

10. Are you aware of the presence of any radionuclide-containing exit signs or smoke alarms?

Not to my knowledge.

11. Were electronic maintenance activities performed on equipment with electron tubes? Where?

Not to my knowledge.

12. Describe what would happen if a radioactive commodity or device was damaged or broken. whom would you tell? What special procedures would have been implemented?

Reports would have been sent to me and this never happened. WRAMC 40-10 would apply.

13. Do you recall any instance of broken or leaking sources or any other contamination incidents or accidents? Describe as accurately as can be recalled, including dates, specific rad materials and forms, contamination levels, areal extent of contamination, and disposition.

No leaking sources. Multiple contaminations occurred such as a vein insert would come loose during a heart stress test; contamination was immediately removed.

14. Are you aware of any studies/reports that may have identified contaminated areas and the isotopes involved? Describe.

Building 40 and T-2 have been cleared by the NRC. A record of survey is in their files. CHPPM performed evaluations through the years; records of surveys would be in their files.

15. Are there any other individuals you feel should be interviewed regarding the above items?

Ron Loe, no known phone number, [REDACTED]

16. What areas would you concentrate on if you were conducting a radiological close out survey of the selected installation?

General use areas.

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17. Additional Notes / Comments:

There was no use of thorium except for perhaps a small check source at the DORF reactor.
No knowledge of the small attachment to Building 92.

QUESTIONNAIRE FOR PERSONNEL INVOLVED WITH RADIOACTIVE MATERIALS

The purpose of this questionnaire is to assist in collecting information for a Historical Site Assessment (HSA) in support of radiological final status surveys for the Walter Reed Army Medical Center, Main Post, as part of the Base Realignment and Closure (BRAC). The HSA findings will be used to design and perform radiological surveys, as necessary to support release of the selected installation. Please complete this questionnaire to the best of your recollection, and include any additional explanations in the Additional Notes/Comments section on the last page of this questionnaire or on an attached sheet of paper.

Date of Interview: August 19, 2011

Name of Interviewer: Michael Davidson

Mode of Communication(s): Telephone

Contact Information:

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1. What is your name and what is/was your job title/position?

Claude Wiblin, Chief, Reactor and Survey Branch

2. During what span of years have you worked, or did you work, at this installation?

Approximately 3 years, 1975-1978.

3. How many years have you worked with radioactive materials?

30+ with experience from the Army, NRC, and nuclear industry.

4. Can you name or identify the radioactive commodities or devices that you or anyone else might have worked on within the selected installation? What isotopes did they contain?

No radioactive commodities were used or stored. Devices were supervised by the medical HP.

5. Can you identify any locations/areas/buildings of known use or storage of radioactive material used at the selected installation, including fuel, raw materials, experiments, products, and liquid and solid effluents and wastes? (Be specific; Bldg/room numbers, outdoor areas, etc.)

Nuclear medicine was in the Building T-2; while WRAIR conducted laboratory and animal research in Building 40; AFIP existed and research was performed there as well. History indicates radioactive material has been stored at the ASP but no documentation exists identifying specific locations.

6. Where and how was the shipping and receiving of radioactive material handled?

All shipping and receiving was handled in Building 188 at the Forest Glen Section. No radioactive material was shipped directly to Main Post.

7. Did any of the radioactive commodities or devices contain promethium -147, depleted uranium, radium-226, cesium-137, hydrogen-3 (tritium) or cobalt-60? How did you handle these items (e.g., standard procedures, contamination controls, personal protective equipment, etc.)?

WRAMC Regulation 40-10 was the main document to follow regarding all things radioactive.

8. Did your standard operating procedures address disposal of radioactive materials or contaminated material/waste? Are you aware of any disposal, or incineration, of radioactive material onsite or if rad material was transferred to an industrial landfill as non-rad trash? Are there any burials of rad material on-site?

- All waste was collected by the HPO and taken to the underground Bunker near Building 188 for disposal.
- Certain sinks were designated specifically for liquid waste.
- Incineration was not performed.
- No burial of rad material was performed.

9. Was animal research, with radioactive material, ever performed at the site? Describe.

In Building 40 with various animals including monkeys and dogs.

10. Are you aware of the presence of any radionuclide-containing exit signs or smoke alarms?

Not to my knowledge.

11. Were electronic maintenance activities performed on equipment with electron tubes? Where?

Not to my knowledge.

12. Describe what would happen if a radioactive commodity or device was damaged or broken. whom would you tell? What special procedures would have been implemented?

Reports would have been sent to me and this never happened. WRAMC 40-10 would apply.

13. Do you recall any instance of broken or leaking sources or any other contamination incidents or accidents? Describe as accurately as can be recalled, including dates, specific rad materials and forms, contamination levels, areal extent of contamination, and disposition.

No leaking sources. Multiple contaminations occurred in Building 40; these were identified and decontaminated quickly.

14. Are you aware of any studies/reports that may have identified contaminated areas and the isotopes activated? Describe.

Building 40 and T-2 have been cleared by the NRC. A record of survey is in their files. CHPPM performed evaluations through the years; records of surveys would be in their files.

15. Are there any other individuals you feel should be interviewed regarding the above items?

Mr. Robert Quillin, [REDACTED]

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16. What areas would you concentrate on if you were conducting a radiological close out survey of the selected installation?

All areas of use and any specific areas identified to have stored radioactive material. There is one small structure attached to Building 93 which is sealed where Nuc Med used to be.

17. Additional Notes / Comments:

There was no use of thorium except for perhaps a small check source at the DORF reactor. No alpha contamination was ever identified at WRAMC Main Post during my assignment..