

December 10, 2008

br.]

United States Nuclear Regulatory Commission Region I Licensing Assistance Section 475 Allendale Rd. King of Prussia, PA. 19407

To Whom It May Concern,

03010491

Robert Wood Johnson University Hospital at Hamilton, license number 29-16145-01 wishes to submit the final survey and wipe test of our Clinical Pharmacology Unit located at #3 Hamilton Health Place. This location was used solely for the purpose of uptake, dilution and excretion studies as material listed in item 6A on our license. We will no longer be performing studies at this location. All areas of use and storage have been surveyed and wipe tested and are below the levels permitted for an unrestricted area. All radioactive waste has been removed from this site. We are submitting the final wipe test and surveys of the areas of use and storage as well as the low level radioactive waste manifest from Duratek, Inc. Please remove #3 Hamilton Health Place as a location of use from our license. Should you have any questions, please contact our Radiation Safety Officer, Ms. Janet Bryant through her office at 908-788-9440, extension 40, or you may contact Mr. Ryszard Czarnuszewicz, Administrative Director of Radiology at 609-584-6606.

Sincerely,

Ellen Guarnieri

Chief Executive Officer

CC. Mr. Ryszard Czarnuszewicz, MBA Ms. Janet Bryant, MS

Bristol Myers Squibb Clinical Pharmacology Unit Lavatory Area Monitoring

	(-1-)	
Date:	11/4/08	10/20/08
Surveyor:	Survey pre/fin	Wipe
Background	6.62	22 ram
1. Commode	0.03	70 Rom
2. Floor	0.03	31 dam
3. Commode	0.03	70 dom
4. Floor	0.63	31 dom
5. Commode	0.02	70 dom
6. Floor	0.02	31 dom
7. Sink	0.03	29 dom
8. Sink	0.03	29 dom
9. Sink	0.02	29 dom
10. Shower-floor	0,03	29 Rom
11. Shower-floor	0.03	37 Rpm

All areas surveyed must be less than 0.5 mR/hour. All wipe tests must be less than 200-dpm/100 cm2. Any area exceeding these levels requires decontamination and RSO notification.

Area decontaminated:	Thom applicable	
Final survey:	Final wipe: RSO	: Abriant ms
Survey Instrument: Ludlu Wipe Instrument: Liquid S	um Model 14 C SN: 152823	

11	10	. 5,	34	12	
		9 (8	7	

Bristol Myers Squibb Clinical Pharmacology Unit CPU Lab (Room 217) Monitoring

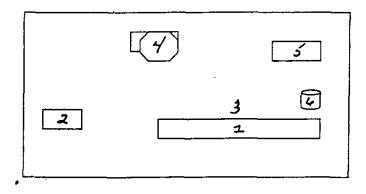
Date:	12/4/08	10/20/08
Surveyor:	Survey melfor	Wipe
Background	0.02	22 ppm
1.Counter	0:02,	35 dom
2.Tray	0.021	29 clam
3.Floor	0.02	
4.Centrifuge- RC2-B	0.03	28 dom
5.Revco Freezer	0,02	35 dem
6.Waste Can	0.03	35 dem
7. Other Waste Strage	0.02	:

All areas surveyed must be less than 0.5 mR/hour. All wipe tests must be less than 200dpm/100 cm2. Any area exceeding these levels requires decontamination and RSO notification.

Area decontaminated:	Rone_			
Final survey:	Final wipe:	RSO:	Strand ms	
			7	
Survey Instrument: Lud	lum Model 14 C SN:	152823	0 0	

Survey Instrument: Ludlum Model 14 C SN:

Wipe Instrument: Liquid Scintillation Counter



Bristol Myers Squibb Clinical Pharmacology Unit Dose Administration Area Monitoring

Pharmacy Room 220

Date:	11/4/08	10/7/08
Surveyor:	Survey me/kh	Wipe
Background	0.02	22 cpm
A. Counter	0,02	176 dam
B. Chair	0.02	49 dem
C. Floor	0.02	41 dpm
A [B]	IV Dosing Room 155	
Date:	To longer used	2
Surveyor:	Survey	Wipe
Background	9	
Chair A		
Floor A		
Chair B		
Floor B		
Chair C		
Floor C		
Chair D		
Floor D		

All areas surveyed must be less than 0.5 mR/hour. All wipe tests must be less than 200-dpm/100 cm2. Any area exceeding these levels requires decontamination and RSO notification.

Area decontaminated:	none		
Final survey:	Final wipe:	RSO: _	John Jank m &
	/		12
Survey Instrument: Luc	llum Model 14 C SN:	152823	

Wipe Instrument: Liquid Scintillation Counter

Bristol Myers Squibb Clinical Pharmacology Unit Area Room Monitoring

(Must be done prior to release of room)

//						
Date: ///4/08	Room:	102	Room:	103,0	Room: /	of oil
Surveyor: 4 Bryant	Wipe	Survey	Wipe	"Survey =	Wipe	Survey
1.Background	22 cm	0.02	22 com	0.02	22 rom	0.02
2.Surface bed A	27 dom	0.02	37 dom	0.02	25 20m	0.03
3. Floor bed A	20 dan	0.02	25 Apr	0.03	23 dpm	0.03
4. Surface bed B	210 dem	0.03	35 dom	6.02.	30 Dom	0.02)
5. Floor bed B	20 Rom	0.021	25 Rom	6.03	23 Dan	0.03
6. Surface bed C	33 Rem	0.02	33 dem	0.03	35 dom	0,02
7. Floor bed C	20 Long	0.03	25 Ano	003	23 dom	0.03
8. Surface bed D	ria		Ta		rsa	
9. Floor bed D	Ria	<u> </u>	2010		rja	
10. Other						
			1			

All areas surveyed must be less than 0.5 mR/hour. All wipe tests must be less than 200-dpm/100 cm2. Any area exceeding these levels requires decontamination and RSO notification.

Area decontaminated:	Mone			
Final survey:	Final-wipe:	RSO:	Janut L	exant, mS
Survey Instrument: Ludlu Wipe Instrument: Liquid S		152823	f 0	<i>^</i>

c
<u> </u>
D
D

Duratek Shipment Summary Form Required for all Duratek waste processing facilities

Form WAG-501-F1 Rev. 1

Generator:	Bristol Myers (Hamilton)	cus	t #2483		Shipment Date: _	11-24-(8
Shipment Number:	T084767	T084767 TN License for		Delivery No:	Ivery No:		
Contract/Release Number:			Total # of Containers:		4		
Shipment Weight:	331 lbs		Total Activity (mCi):		2.0 mCi		
Highest Contact Dose Rate:	<.5 mR/hr		SNM Grams:		N/A		
	MATER!	ALS	SHIPPE	ס			
P	lease Estimate Percentage of Tot	al Shi	pment by Wei	ght (Must A	dd to 100%)		
DAW							
(Incineration, Compaction	n) D/	AW _	75 %			Asbestos	%
METALS	Me	tals _	%			Asbestos	%
(Melting, Decontamination		ool) _	%			ad Sheets	
Volume Reduction & Dispo	osal) Lead B	rick _	%		l	_ead Shot	%
LIQUIDS	Aqueous Liqu	ids	25 %	J. 1'	'	Sludge	%
(Incineration, drying,		_	%		C	ily Waste	
solidification)		_	%			EHC _	
	Plant Tra	ash	%	Constru	ction & Demoliti	on Debris	%
POTENTIALLY	Wastewater Sludge (Noti	-			Sewage Sludge		
CLEAN MATERIA							
(Green Is Clean, Safeched	ck) Carbon Filter Me					Asbestos	
							%
SPECIAL PROJEC	T Describe	natu nsshi	re of project in	Special Ins	structions, below capsulation, etc	v (e.g.,	
Note	1: Requires TCLP analysis prior						· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·		ORMATIO				
(ITEMS IDENTIFIE	VVAS I E I D WITH ** REQUIRE DURATEK API				SEE SECTION 8	OF THE WAG)	
**DAW > 200 mren	n/hr @ contact with waste <a>_		**Meta	als > 100 m	rem/hr @ conta	ct with waste	
Hot Particles	Activated Material		**High Sm	earable 🔲	**SNM **Lea	VSource Mate	ríal 🔲
**Paint Chips (Note 1)					Waste (per 40		es 📋 🔠
Biological ⊠	**Trans-shipment		Liqui	d Filters (S	eparate Isotopic	s Required) [
**RCRA Empties []	**Soils Class 7 Labeled Waste Whi	4 - T	3 Voltau I	**Refri	geration Equipm ′ellow III □	ent	
	SPECIAL			.,	GIIOM III		
If necessary, provide additional info	,	1140	11(00110	140			
·							
	DISP	os.	AL SITE				
Barnwell (Permit/Allocation	Required) ☐ Envirocare ⊠	Bai	mwell or Envir	ocare 🔲	Other/Return	(specify):	
<u></u>	CON	NTA	INERS				·
Duratek-O	wned Containers			Be Return	ed to Generator		
· · · · · · · · · · · · · · · · · · ·							

Specialized Generator/Services Package Summary Duratek Phone: 609-689-4305 Date: 310ct 2008 Customer Signature: Dearly About

Container I.D. #/Type	Container Volume (ft ³)	Container Weight (ibs.)	Burial Site (Envirocare, Barnwell, or Hanford)	Processing Requested	Highest Surface Radiation Level On Contact (mRem/hr)		ontamination 0cm2) BetaGamma	Waste Description (Detail description of what is in container)	Radionuclides in Container	Activity per Nuclide (mGi)	Total Activity Per Container (mCl)
MD-1		73		工	40,5	4100	4/000	DAW & L	-614	0.5	
MD-2		79		I	20,5	2100	<1000	DAN B L	014	0,5	
MD-3		96		I	<0,5	400	21000	DAW B L	C14	0.5	
MD-4		83		I	<0.5	4100	41000	DAW B L	C14	0.5	
						<u> </u>					
TOTAL	S	33/	_								

Container:	Wooden Box (WB)	Plastic Drum (PD)	Processing:	Compaction (C)	Wastes:	Paper, Plastic, Glass (DAW)	(Oil (O)
	Metal Box (MB)	Plastic Pail (PP)		Incineration (i)		Animals (A)	Filters (F)
	Metal Drum (MD)	Fiber Box (FB)		Metal Decon (MD)		Biological Materials (B)	Sources (S)
	Metal Pall (MP)	Metal Tank (MT)		Stabilization/Encapsulation (SE)		Metals (M)	Liquids (L)
	Other (O):	<u>, </u>		Sorting & Comp./inc. (S&P)		Solls/Rubble (R)	Other (X)

Important Notes: 1. Company name, address, identification number, and the weight (pounds) must be posted on the top of each package.

- 2. Each customer will need to provide a package survey (smears and dose rates) with the appropriate calibrated instrumentation.
- 3. When computing package activity, please carry out the decimal point 4 places.

Please fax to:

Chris Denton at (865) 475-2935 & SGS at 865-220-1643

E-Mail:

dbrackett@duratekinc.com & cdenton@duratekinc.com

Estingted harden per response to comply with this inferrencion collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the sale transportation and disposal of low-level waste, Sand comments regarding burden estimate to the Receives and FOLV/Privacy Services Branch (TA FSD, U.S. Nucleer Regulatory Commission, Western, DC 28533. The Receives and FOLV/Privacy Services Branch (TA FSD, U.S. Nucleer Regulatory Commission, Western, DC 28533. The Receives and FOLV/Privacy Services Branch (TA FSD, U.S. In Services B

								 						
FORM 540 ENG UNIFORM LOW-LEVE WASTE MA	reek Operations	s 5. SHIPPER - NAME AND FACILITY Bristol-Myers Squibb / Hamilton C/O Energy Southors 3 Hamilton Health Place X COLLECTOR					7. FORM 540 AND 540A PAGE 1 OF 1 PAGE(S) FORM 541 AND 541A 2 PAGE(S) FORM 542 AND 542A 1 PAGE(S) ADDITIONAL INFORMATION 1 PAGE(S)				pages)			
SHIPPING			Hamilton, N.			PROCESSOR	٠					T084767		
1. EMERGENCY TELEPHONE NUMBER (Includ			USER PERMIT		GENERATOR TYPE (Specify)	Ene	agy Solutions	me and Facility Bear Creek Ope	Fred Schulz					
(865) 220-1655 ORGANIZATION			CONTACT	14012-0-08	1084767	TELEPHONE NUMBER	158	Operated By EnergySolutions TELEPHONE NUMBER 1550 Bear Creek Road (Include Area Code) Oak Ridon, TN 37830 (655.481.0022)						
Energy Solutions Attn: Emergency Duty Officer	,		David Schultz			(609) 669-4305						5) 481-0222		
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?	3. TOTAL NUMBER OF			Name and Address	Truck #:	EPA LD. NUMBER	- BIDNA		wized consigner roceis!	acknowled	ging DATE			
1 YES	PACKAGES IDENTI			ns: operated by Hittman	5437	TND 987763065	1	74311	, innerha					
DONO	ON THIS MANIFEST		628 Gallstyner		Trailer#;	SHIPPING DATE	╂┷┷							
(-)	#288484#	⇒ 4	Kingston, TN	37763-9988	730830	11/24/2008					TIFICATION			
4. DOES EPA REGULATED [] YES WASTE REQUIRING A DO NO MANIFEST ACCOMPANY	EPA MANIFEST NUMB	ER	CONTACT			TELEPHONE NUMBER (Include Area Code)	This is to certify that the harain-named materials are properly classified, described, peckaged, marked, and labeled a lare is proper condition for transportation according to the applicable registations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and in proper condition for transportation and disposely in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state requirements.							
THIS SHIPMENT?			Karen Xirby			1-800-233-9933	newsbox	reside and dispos	the an accommance will	is the section of	4119 to 10 CCM FIRST 20 AND B	I' et edminarcia árma iddinamo		
if "Yes", provide Manifest Number ****	N/A		SIGNATURE -	Authorized cerrier sokn	owledging waste receip		AU77H	PACED BIGS	ATURE	TIJLE	1.	DATE		
	1		1 /Bu 1	Silver		11/24/08	1/2	1 July	, !	Bolar	/Driver	11/24/08		
(including proper shipping name, h	11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information) "RADIOACTIVE"			14. PHYSICAL AND CHEMICAL FORM	R	45. INDIVIDUAL ADIONUCLIDES	177		16. KAGE ACTIVITY	17. LBA/SCO CLASS	18. TOTAL WEIGHT	19, IDENTIFICATION NUMBER OF		
Non-Radioactive per DOT		NA	NA.	SOLIDAMETAL OXIDES	S C-14			1.8500E+01	-(5,0000E-01)	NA.	7.50 ft³	08-001743		
BIOLOGICAL; DAW; LIQUID		1								""	73.00 tb	(MD-1)		
1 - METAL DRUM			i				i		;	i	10.00 2	\		
			ļ						1	 				
Non-Redicactive per DOT		NA.	NA.	SOLIDAMETAL OXIDE	S C-14		- 1	1.8500E+01	(6.0000E-01)	NA	7.50 ft ³	06-001744		
BIOLOGICAL; DAW; LIQUIO		:		l					:	ĺ	79.00 tb	(MD-2)		
1 - METAL DRUM		<u> </u>							1		<u> </u>	<u></u>		
Non-Radioactive per DOT		NA.	NA.	SOLIDIMETAL OXIDE	S C-14			1.8500E+01	(5.0000E-01)	NA.	7,50 ft ³	08-001745		
BIOLOGICAL; DAW; LIQUID		1	l				Į		i }		96.00 lb	(MD-3)		
1 - METAL DRUM				,					i	1				
Non-Radioactive per DOT		NA.	NA.	BOLIDMETAL OXIDE	S C-14			1.8500E+01	(5.0000E-01)	NA.	4.10 ft ²	08-001748		
BIOLOGICAL; DAW; LIQUID									ŗ	1	83.00 lb	(MD-4)		
1 - METAL DRUM			1							l				
		 							+	 	 			
1			ļ		}				.					
1		1	ľ		1				;	1	Ì			
1		1		1					;	1				
		İ			1		- 1		!		1			
			<u> </u>	1	<u></u>				·	1	1	1		
FOR CONSIGNEE USE ONLY				20. Generator Cer	lification Statement Cuttieries is basely made to	al ikin pilinament pi tamalayat mellapetin	ne waste ku	A leases Statement les	anga Manga					
Tennassee "License For Delivery" No				with a restancive was sail with the coverest or its Hanardous Materials.	to making crossed program which i resion of the site Material Accep Generalar heraby carlleles that t	ne been approved by the Nuclear Ray things Colleria. the material — does far y deep not the material — does far y deep not	ulabory Car sontain a h	assipalen er an Agr Raundoun weste an Aben Actour Waste	sament State regulation defined in 40 CSR 261. To the british of the	y agoncy				
South Carolina Transport Permit No.		A) Radiocetics Statestin. Custification in hereby sends that this abhasent of less-incel spidopolity sends has been property in accordance with a confidence with the confidence with the confidence with the confidence of the conf												
US Ecology Generator No.		Vavia 1. och 4/TZ Donny 4 / Mull 1/27/08												
Form 640 (10-96)						Modified	Date: 1	1/20/2008 19:4	8					

Estimated burden per response to comply with this information collection request: 3.5 hours. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-lovel waste. Band comments regarding burden estimate to the Records and FOLAP fiving Services Breach (T-6 FG2), U.S. Nuclear Regulatory Commission, QC 20535-0901, or by Internal e-mail to infocusive Egencapes, and to the Deak Officer, Office of Information and Regulatory Attains, NECR-16202, (3150-0165), Office of Management sate Sudget, Washington, QC 20503. It a means used to impose an information collection.

RM 541	E	nemy Solut	ions / Bear C	reek Onerailo	ns				1, MANIFEST	TOTALS				2. MANUFER	ST NUMBER	
					PACKAGE	W NET WA		NET WASTE		SPECIA	NUCLEAR M	AYERIAL (grams)			T084767	
Uł	NFORM LOW-LI WASTE	EVEL RADI MANIFEST			DISPOSA	RS VOLUE	4E	WEIGHT	Ų-233	กร	15	Pu	TOTAL] a p	AGE 1 OF 2 PAGI	E(S)
c	ONTAINER AND 1	WASTE DES	CRIPTION		4	m ³	0.75 kg 26.54 b	88.51 151.00		N	P	М	NP	4. SHOPPER		
ditional Musican Re	pulatery Commissi	on (NRC) Red	ulcements for C	ontrol Transfe					IOMECII (LLD UNITS IN				SOURCE	SOURCE Bristol-Myers Squibb / Hamilton		C/O Energy Ro
	and Disposal of			, , , , , , , , , , , , , , , , , , , ,		ALL NUCLIDES		TRITIUM	G-14	Tes		j-128		SHIPMENT	io number	
					MBq		00E+01	NP NP	7.4000			NP NP	NP NP	-}	7084767	
	P. C.	20041 2017	AINER DESCR	DTON	mCl	2.00	006+004	NP .				VASTE TYPE IN CO				16. WASTE
·	140	TOBAL CONT	AINER DESCA		10.			PHYSICAL DESCR		14 CHEMICAL D		INDIE FEIN CO	15. RADIOLOGICAL	ESCRIPTION		CLASSIFI
CONTAINER IDENTIFICATION MANIBERI GENERATOR MANIBER	CONTAINER BUSICALPTION (See Main 1) PROCESS REQUESTED (See Main 1A) BUSICALPRISHOS (See Main 1A)	AOTIME	WASTE AND CONTAINER WEIGHT	SURFACE RADIATION LEVEL mBvhr mrumhr		GETA-	II. WASTE DESCRIPTOR (See Hole 2)	F2. APPROXIMATE WASTE VOLUME(8) IN CONTAINER m3	17. SOLIDIFICATION OR STABILIZATION MEDIA	CHEMICAL FORM CHELATING AGEN	WEIGHT % CHELATING ASENT (F > 9.1%		IDUAL RADIONUCLIDE NER TOTAL: OR CONT. AND RADIONUCLID	AINER TOTAL A	Y AND LCTIVITY	CATION AS - Class A Stable AU - Class A Ifratable B - Class B C - Class C
nerpack Conteller	-					QAMMA	•	ft ³		l	<u></u>	RADIOHUCLIDES		18 Rej	natil .]
01743 D-1) 13	4 O - ENCINERATION	0.21 7.50	33,11 73,00	< 5.0000E-03 < 5.0000E-01	< 1.5700E-05 < 1.0000E+02	4 1.67006-05 4 1.0000E+03	59(DAW) 42 25	0.21 7.51	100	SOLID METAL OXIDES / NP	NP	C-14		1.8500E+01	5.00006-01	, w
	E								1			Bub Total		1.8500€+01	5,00006-01	
			1,									Package Total		1.8500E+01	\$.0800E-01	
01744	4	0.21	35.83	< 5.0000E-03	< 1.6700E-06	< 1.670GE-05	59(DAW)	0.21	108	SOUD METAL	NP	C-14		1.85008+01	5,00008-01	AU.
D-2) IS	O- INCINERATION	7.50	79.00	< 5.0000E-01	< 1.0000E+02	< 1.0006E+03	42 25	7.61		OXIDES / NP						
	E										<u> </u>	Sub Total		1.8500E+01	5.0000€-01	
	j											Package Total		1,8500E+01	5.0000E-01	
01745 D-3)	4 0-	0.21	43.54	< 5.0000E-05	< 1.8700E-08	< 1.6700E-05	59(DAW) 42	0.21	163	SOLIO METAL OXIDES / NP	NP	C-14		1,8500€+01	5.0000ff-01	
13	INCINERATION E	7.50	00.86	< 6.0000E-01	< 1.0000E+02	< 1.0000£+03	25	7.51				***************************************		.,,,,		
											-	Sub Tetal		1.8500E+01	5,0000E-01	
61746	4	0.12	37,86	≠6.0000E-03	< 1.6700E-06	< 1.6700E-05	59(DAW)	0.12	100	GOLIO METAL	NP	Package Total C-14		1.8500E+01	5.0000E-01 6.0000E-01	
D-4) 13	O. INCINERATION	4.10	82.00	< 5.00005-01	< 1.0000E+02	< 1.0000@+03	42 25	4.11		OXIDES/NP						1
	E											Sub Total		1.8500E+01	5.0000E-01	
												Package Yotal		1.85002+01	5.0000E-01	
	Codbs, For overlateratives introduced for the code of	11 14	Process Requireded composition lineam Reference (Heart Reference) (Heart (describe)		NOTE 2: Words Dan 28. Chrocosi 31. Incharator Asi 32. Gali 32. Gal 32. Ol 24. Ol 25. Appends Lippin 26. Pfor Radia 27. Machactes FRI. 22. EPA or Shite H	26. Samel 30. Catlor 31. Anico 32. Wheel 33. Contail 4. Samel	pe up to three whi mien Richble I to enthange Mes is to enthange Mes ded les enthange micros Englemen to Liquid (encapt o per o et Labwaro d Saurar Dorfes as Plating	an 42. Miles per Shina 43. Activated 54. Other, De	ne Boltone/Studyon/ sotystes his Tree! hatchin Tree! Material jamops! d Material jamops! d execusy) Material social in Nam 11.	B Barman E Environ R Richiau	a. Wa	professori Facility Gothin Gothin St. Co. St. Co.	94, Vi nunt 99, Di acrate (snespeziation)	modiag disposal and be followed by in Size 13, Code 6 ingl Saler Shrase heet, Describe in the ar additional page	alta ptrupiral stability y "0" and the media wee 08-Mone Regalred	noh akor aksil
Monden flor or Crobe land Barr Manife Brown or Poli deck Drawn or Poli deck Tonto or Liner language Tonto or Liner language Tonto or Liner language Tonto or Liner language Tonto or Liner linergiage Tonto or Liner linergiage Tonto or Liner		A Contemboration	Decom Region to Glean Mutal Mail Franc Chile Ligital for insingentius Rither (describe)		22. Gelt 23. Ges 26. Oil 25. Agenores Lipels 26. Pitter Media 27. Machanica Fitt	TE Client	m rains imethi e	an 42. Miles per Shina 43. Activated 54. Other, De	isio Trock sociale Tranto orcast d Materiol Jeroopt d carcasy) i Material		R Richias PR Process	E Evidencare R Richland, Wa PR Process and Reterm O Other	R Richland, WA Golden PR Process and Return 91. Ce 91. Ce 92. Els	R Richland, WA Geldelineston 94, V PR Process and Return 99, D 10, Contrast 99, D 11, Contrast (Interspecialize)	R. Richland, WA Gold-Residen S4, Vinyd Ester Styrous S9, Chiese S9	R. Richland, WA PR. Process and System 90. Control 50. Chief Saler Styrage 91. Chief Sol Chief Congress in Nan 11, 92. Chief Sol Chief Congress in Nan 12, 93. Chief Sol Chief Congress in Nan 12, 94. Chief Sol Chief Congress in Nan 12, 95. Chief Sol Chief Congress in Nan 12, 96. Chief Sol Chief Congress in Nan 12, 97. Chief Congress i

Form 541 (10-98)

^{* -} Indicates Cross Contemination

Estimated burden per responce to comply with this information collection request: 1.3 hours. This uniform maniest is required by NRC to meet reporting sequipments of Federal and State Agencies for the axis transportation and disposal of low-level waste. Send commands regarding burden estimates to the Records and FOLKP/Phasey Services Structs (1-4 FS3), U.S. Nuclear Requistory Commission, Distribution, OC 2005-6481, or by Internet e-mail to Inhocatestory, or, and to the Desk Office, Office of Miscongeneration and Engagement and Engagement and Engagement to a foreign. (DC 2005-1) a means used to Surpace as information collection.

FORM 541A						Dec 4 0000 1 55					Energy	/ Solutions / Bear Creek Ope	rations - manufacture	T054767	
•	UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION (CONTINUATION) UNIFORM LOW-LEVEL RADIOACTIVE UNIFORM LOW-LEVEL RADIOACTIVE STURMAND PAGE 2 OF 2 PAGE(S)								(S)						
					NTAINER AN	D WASTE DE	SCRIPTION	(CONTINUATI							
5.	Dis	SPOSAL CON	FAINER DESCR	PTION	ia.			PHYSICAL DESCR		E DESCRIPTION F		ASTE TYPE IN CONTAINER	NCAL DESCRIPTION		16. WASYE CLASSIFI-
CONTAINER IDENTIFICATION NUMBER GENERATOR NUMBER	CONTAINER DESCRIPTION (See Mest 1) PROCESS REQUESTED (See Nest 1) ENGLISHED STATEM (See Nest 14) ENGLISHED STATEM (See Nest 14) ENGLISHED STATEM	Ma Ma MOTOME	WASTE AND CONTAINER WEIGHT Ing	SURPACE RADIATION LEVEL mSylly		BETA-	11. WASTE DESCRIPTOR (See Note 2)	APPROXIMATE WASTE VOLUME(6) IN CONTAINER	13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)		WEIGHT	BIDIVIDUAL RADIONU CONTAINER TOYAL: OR	CLIDES AND ACTIVIT		CATION AS - Class A Stuble Alf - Class A Vestable B - Class B C - Class G
E-Interpacy Cottabus						GAMMA		H ³	,			RADIOHUCLIDES	Maq	m£i	<u> </u>
E-honsepach Cortainer Ehlpmant Total		0.75 25.00	·			UANIMA						RANIOMICLIDES	 		
			-												

Form 541A (10-08)

-

* - Indicates Cross Contemination

Estimated burden per response to comply with this information collection request: 43 minutes. This uniform manifest is required by NEC to make reporting requirements of Faderel and State Agencies for the eats transpariation and disposal of low-level wests. Send continues to burden auditoria to information to information and information and Requision of Case and
MARIE MANIFEST INDAMENTATIONAL COMPACT TABULATION UNIVERSITY OF MARIE AND PROCESSES A	NRC FORM 542 (7-2001)		olutions / Bear Creek Operations	1.	WASTE COLLEC	TOR/PROCESSOR		Z. MAMIFEST N		Y084767		
Service Proper decision of the Control of the Contr	MANIFERT INDEX AND REGIONAL COMPACT TABULATION List all original "PROCESSED WASTE" generators (if any)			Brisis-Myers Squito / Ha IDENTIFICATION NUMBER 2483 SHIPPING DATE	milionCIO Energy Solutions	Simpper Use Only		7084767 3. PAGE 1 OF 1 PAGE(8)				
DESIGNATION PROPERTY INCIDENCE P	4			<u> </u>		Ta	. 10	T 4+	A S BOADERSEAM	OL: ECTED TOTAL		
State Special Septidity House Septidity	GENERATOR IDENTIFICATION	generator name Persat namber (f applicable), and yelephone number		PREPROCESSED WASTE FOR MATERIAL!	WHICH WARTE (OR MATERIAL RECEIVED AND DATE	WASTÉ CODE	ORIGINATING COMPACT REGION	A. SOURCE MATERIAL	B. SNM	C. ACTIVITY	İ	
PA R. Nami (1994 - 2025) Nami (1994 - 2025)							:					
TOTAL O OF ALL DAGGO (TODALO FIG. ALL) PAGE 1)	EP人#:	3 Hamilton Health Place Hamilton, NJ 08890			c		MP	NP	7.400cm+0-1	b.75	
TOTALS OF ALL PAGES (FORMS 542 AND 542A) NP 7.4000E+01 0.75					TOTALS OF	ALL PAGES (FORMS	5 542 AND 542A)	NP	NP	7.4000E+01	0.75	

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST ISOTOPIC SUMMARY For Manifest # T084767 Energy Solutions / Bear Creek Operations

	Total	Activity		Total SHM	Total Source
C-14 Totals:	(MBq) 7,4000E+01 7,4000E+01	(anCi) 2.0000E+00 2.0000E+00	(CI) 2.0000E-03 2.0000E-03	(mg) 00+30000. 00+30000.	(df) 00+30000, 00+30000

This is to acknowledge the recei	ipt of your letter/application dated
includes an administrative review There were no administrative	e omissions. Your application was assigned to a ote that the technical review may identify additional
Please provide to this office v	within 30 days of your receipt of this card
	forwarded to our License Fee & Accounts Receivable parately if there is a fee issue involved.
Your action has been assigned When calling to inquire about th You may call us on (610) 337-5	is action, please refer to this control number.
NRC FORM 532 (RI) (6-96)	Sincerely, Licensing Assistance Team Leader

. . .