FEB 1 0 1994

The Stolar Partnership Attorneys At Law ATTN: Dale E. Hermeling The Lammert Building 911 Washington Avenue St. Louis, MO 63101

Dear Mr. Hermeling:

This refers to your letter dated December 22, 1993, requesting NRC consent to the proposed change of ownership of St. Mary's Hospital of Blue Springs, NRC License No. 24-20274-01. Based upon information submitted, the NRC has no objection to the sale.

In addition, we have determined that the transaction as described in your December 22, 1993 letter does not require an amendment to the existing license and, therefore, an amendment fee is not necessary.

If you have any questions or require clarification on any of the information stated above, you may contact us at (708) 829-9887.

Sincerely,

Original Signed By Peter J. Lee, Ph.D. Nuclear Materials Licensing Section

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Lee/bt Gattone 12/29/93

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477 N. LINDBERGH BLVD. ST. LOUIS, MISSOURI 63141

December 30, 1993

VIA FACSIMILE (708/515-1259)

Re: <u>St. Mary's Hospital of Blue Springs, Inc.</u> NRC License No. 24-20274-01

Dear Mr. Lee:

This letter acknowledges the December 31, 1993 transaction referenced in Mr. Dale Hermeling's correspondence to the Nuclear Regulatory Commission dated December 22, 1993 which accurately describes the transfer of St. Mary's Hospital of Blue Springs, Inc. from SSM Health Care II to Carondelet Health System, Inc. SSM Health Care II is a member of the SSM Health Care System.

If you have any questions, or require additional information, please contact Mr. John Traeger at 314/241-9090. Thank you.

Very truly yours

(314) 994 7800

FAX: (314) 994-7900

William/P. Thompson Senior Vice President Strategic Development

JWT 516/244 cc: Mr. Bruce Burgess - NRC Regional Counsel

RECEIVED

JAN 1 2 1994 REGION III



December 28, 1993

TRANSMITTED VIA FACSIMILE AND U.S. POSTAL SERVICE

Mr. Peter Lee United Staces Nuclear Regulatory Commission Region: III 801 Warrenville Road Lisle: 1 linois 60522-4351

Re: St. Mary's Hospital of Blue Springs

Dear Mr. Lee:

This is to confirm that The Stolar Partnership is representing the Carondelet Health System which will become the sole member of St. Mary's Hospital of Blue Springs. Inc. pursuant to the transaction scheduled to close December 31, 1993. St. Mary's Hospital of Blue Springs. Inc. is the owner and operator of St. Mary's Hospital of Blue Springs, which is the holder of the Nuclear Regulatory Commission license number 24-20274-01.

Should you have any further questions, please contact Dale Hermeling at (314) 231-2800.

Sincerely,

N. Garv Wages FACHE

President

NGW/jr

cc: Dale Hermeling

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JAN 0 3 1994 REGION III

201 West R. D. Mize Road • Blue Spr., gs. Missouri 64014 • Telephone (816) 228-5900 • TDD Hearing Impaired Line: 228-5900

JAN 0 9 1994

THE STOLAR PARTNERSHIP

ATTORNEYS AT LAW THE LAMMERT BUILDING BUI WASHINGTON AVENUE ST. LOUIS, MISSOURI 63101 (314) 231:2800 TELEX: 880984 (SHERH STU TELEX: 880984 (SHERH STU) TELEXAX (314) 438-8400

H.M. STOLAR (RETIRED 1984)

December 22, 1993

VIA FEDERAL EXPRESS

DALE E. HERMELING

Mr. John Madera Section Chief United States Nuclear Regulatory Commission Region III 801 Warrenville Road Lisle, Illinois 60532-4351

Re: St. Mary's Hospital of Blue Springs

Dear Mr. Madera:

This firm serves as legal counsel for Carondelet Health System, Inc., a Missouri not-forprofit corporation ("CHS"). The purpose of this letter is to inform you, on behalf of CHS, that CHS intends to close a transaction on December 31, 1993 under which, among other things, CHS will become the sole member of St. Mary's Hospital of Blue Springs, Inc., a Missouri notfor-profit corporation ("SMHBSI").

SMHBSI owns and operates St. Mary's Hospital of Blue Springs, a licensed hospital located in Blue Springs, Missouri. SSM Health Care II, a Missouri not-for-profit corporation, is currently the sole member of SMHBSI. Following the closing of the transaction, CHS will replace SSM Health Care II as the sole member of SMHBSI.

We want to emphasize that SMHBSI will remain the same corporate entity following the transaction. St. Mary's Hospital of Blue Springs will retain its name and continue its operations at the same location after the transaction. CHS contemplates no material changes in the hospital's operations.

Pursuant to NRC Information Notice No. 89-25 (IN 89-25) relating to the transfer of ownership or control of licensed activities, I am attaching hereto Exhibit A which responds to the general guidance provisions set out in IN 89-25. Notwithstanding the fact that there will be

DEC 27 1993 REGION III

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THE STOLAR PARTNERSHIP

no change of personnel or operations relating to licensed activities at the hospital, this notice is submitted to the NRC for its records.

It is very important that the transaction close by December 31, 1993 and we will cooperate with you to assure compliance with your requirements. Please advise me promptly by telephone if the enclosed information is insufficient to allow your agency to give the necessary approvals before December 31, 1993. If you have any questions concerning the transaction or any advice which would help to facilitate your approval, please let me know. Thank you.

Very truly yours,

THE STOLAR PARTNERSHIP

By: .

Dale E. Hermeling

DEH/lle enclosure

LICENSE FILE

GREENSFELDER, HEMKER & GALE, P.C.

ATTORNEYS AT LAW

1800 EQUITABLE BUILDING 10 SOUTH BROADWAY ST. LOUIS, MISSOURI 63102-1774

TELEPHONE (314) 241-9090 TELEF/X (314) 241-8624

December 14, 1993

VIA FEDERAL EXPRESS

Ms. Colleen C. Casey United States Nuclear Regulatory Commission Region III 801 Warrenville Road Lisle, IL 60532-4351

Re:

Notice of Transfer of Ownership of St. Mary's Hospital of Blue Springs from SSM Health Care II to St. Mary's Hospital of Blue Springs, Inc.

NRC License No. 24-20274-01

Dear Ms. Casey:

This Law Firm represents the SSM Health Care System ("SSMHCS"). SSMHCS is comprised of various not-for-profit health care organizations sponsored by the Franciscan Sisters of Mary, including SSM Health Care II and St. Mary's Hospital of Blue Springs, Inc.

This letter is written to inform you that St. Mary's Hospital of Blue Springs (the "Hospital") has been transferred from SSM Health Care II to St. Mary's Hospital of Blue Springs, Inc. The transfer represents a transfer of the Hospital between related entities within SSMHCS that are under the common control of SSMHCS. The operations of the Hospital will remain the same after the transfer of the Hospital from SSM Health Care II to St. Mary's Hospital of Blue Springs, Inc.

Pursuant to NRC Information Notice No. 89-25 (IN 89-25) relating to the transfer of ownership or control of licensed activities, I am attaching hereto Exhibit A which responds to the general guidance provisions set out in IN 89-25. Notwithstanding the fact that there will be no change of personnel or operations relating to licensed activities at the Hospital, this notice is submitted to the NRC for its records.

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WREENSFELDER, HEMKER & GALE, P.C.

Ms. Colleen C. Casey December 14, 1993 Page 2

Thank you for your cooperation in this matter. If you have any questions, don't hesitate to contact me at 314/241-9090.

By

Very truly yours,

GREENSFELDER, HEMKER & GALE, P.C.

On w. again

John W. Traeger

364/244

24

cc: Mr. N. Gary Wages Bernard C. Huger, Esq. John Dillane, Esq. Mr. Bill Thompson Sally Specht, Esq. Evan Goldfarb, Esq. Dale E. Hermeling, Esq.

EXHIBIT A

NRC Information Notice 89-25 Transfer of Ownership or Control of Licensed Activities

2.a. The name of the organization, if changed. Provide the new name of the licensed organization and if there is no changed, so state.

The name of Licensee remains St. Mary's Hospital of Blue Springs.

b. Identification of any changes in personnel named in the license, including any required information on personnel qualifications.

No change is anticipated.

c. An indication of whether the seller will remain in business without the license.

The transferor, SSM Health Care II, will remain in business without the license.

d. A complete, clear description of the transaction. The description should include any transfer of stocks or assets.

St. Mary's Hospital of Blue Springs, Inc. ("SMHBSI"), a Missouri not-for-profit corporation, owns and operates St. Mary's Hospital of Blue Springs. SSM Health Care II is the sole member of SMHBSI. Following the closing of the transaction on December 31, 1993, Carondelet Health Systems, Inc. will replace SSM Health Care II as the sole member of SMHBSI. (The transaction is similar to the sale of all stock in a for-profit corporation.) SMHBSI will remain as the same corporate entity and there are no contemplated changes in the hospital's operations.

e. An indication of any planned changes in organization, location facilities, equipment, procedures or personnel. If such changes are to be made, they should be fully described.

No change is anticipated.

f. An indication of any changes in the use, possession, or storage of the licensed materials. If such changes are to be made, they should be described.

No change is anticipated.

g. An indication of whether all surveillance items and records, including radioactive material inventory and accountability requirements, will be current at the time of transfer. A description of the status of all surveillance requirements and records, e.g., calibrations, leak tests, surveys, etc. should be provided.

Surveillance items and records, including radioactive material inventory and accountability requirements are current. Attached to this Exhibit A are records supporting this statement. Further, Mr. Emory Larimore or Dr. Joseph Goetz (RSO) may be contacted at the Hospital for further information. Mr. Larimore's telephone number is 913/236-5126. Dr. Goetz may be contacted at the hospital at 816/228-5900.

h. A description of the status of the facility. Specifically, the presence or absence of contamination should be documented. If contamination is present, will decontamination occur before transfer? If not, does the successor company agree to assume full liability for the decontamination of the facility or site?

There is no contamination at the hospital. St. Mary's Hospital of Blue Springs, Inc., which will continue to own the hospital, remains responsible for any future decontamination.

i. A description of any decontamination plans, including financial assurance arrangements of the transferee, should be provided as specified in 10 CFR Sections 30.35, 40.36, and 70.25. This should include information about how the transferee and transferor propose to divide the transferor's assets, and responsibility for any cleanup needed at the time of transfer.

There are no financial assurance requirements based on the threshold levels of regulated materials that trigger such a requirement. There is no contamination at the hospital, therefore, there was no cleanup at the time of transfer.

j. An indication of whether the transferor and transferee agree to the change in ownership or control of the licensed material and activity. If so, documentation stating this should be provided.

The transferor and transferes agree to the change in ownership. There is no change in the control of the licensed material.

k. A commitment by the transferee to abide by all constraints, conditions, requirements, representations, and commitments identified in the existing license. If not, the transferee must provide a description of its program to assure compliance with the license and regulations.

The transferee is committed to the continued compliance with all constraints, conditions, requirements, representations, and commitments identified in the existing license. This transfer will not result in any change in the hospital's compliance program. Policies and procedures relating to the license will remain the same.

EXHIBIT A

NRC Information Notice 89-25 Transfer of Ownership or Control of Licensed Activities

2.a. The name of the organization, if changed. Provide the new name of the licensed organization and if there is no change, so state.

The name of Licensee remains St. Mary's Hospital of Blue Springs.

b. Identification of any changes in personnel named in the license, including any required information on personnel qualifications.

No changes anticipated.

c. An indication of whether the seller will remain in business without the license.

The transferor will remain in business without this license.

d. A complete, clear description of the transaction. The description should include any transfer of stocks or assets.

St. Mary's Hospital of Blue Springs (the "Hospital") has been transferred from SSM Health Care II to St. Mary's Hospital of Blue Springs, Inc. The transfer represents a transfer of the Hospital between related entities within SSMHCS that are under the common control of SSMHCS. The operations of the Hospital will remain the same after the transfer of the Hospital from SSM Health Care II to St. Mary's Hospital of Blue Springs, Inc.

e. An indication of any planned changes in organization, location facilities, equipment, procedures, or personnel. If such changes are to be made, they should be fully described.

No changes anticipated.

f. An indication of any changes in the use, possession, or storage of the licensed materials. If such changes are to be made, they should be described.

No changes anticipated.

g. An indication of whether all surveillance items and records, including radioactive material inventory and accountability requirements, will be current at the time of transfer. A description of the status of all surveillance requirements and records, e.g., calibrations, leak tests, surveys, etc. should be provided. Surveillance items and records, including radioactive material inventory and accountability requirements are current. Attached to this Exhibit A are Hospital records supporting this statement. Further, Mr. Emory Larimore or Dr. Joseph Goetz (RSO) may be contacted at the Hospital for further information. The Hospital telephone number is 816/228-5900. Mr. Larimore's telephone number is 913/236-5126.

h. A description of the status of the facility. Specifically, the presence or absence of contamination should be documented. If contamination is present, will decontamination occur before transfer? If not, does the successor company agree to assume full liability for the decontamination of the facility or site?

There is no contamination at the Hospital and St. Mary's Hospital of Blue Springs, Inc. assumes full responsibility for any future decontamination of the Hospital.

i. A description of any decontamination plans, including financial assurance arrangements of the transferee, should be provided as specified in 10 CFR Sections 30.35, 40.36, and 70.25. This should include information about how the transferee and transferor propose to divide the transferor's assets, and responsibility for any cleanup needed at the time of transfer.

There are no financial assurance requirements based on the threshold levels of regulated materials that trigger such a requirement. There is no contamination at the Hospital, therefore, there was no cleanup at the time of transfer.

j. An indication of whether the transferor and transferee agree to the change in ownership or control of the licensed material and activity. If so, documentation stating this should be provided.

The transferor and transferee agree to the change in ownership or control of the licensed material, to the extent that there is a change, and hereby represent through legal counsel such agreement.

k. A commitment by the transferee to abide by all constraints, conditions, requirements, representations, and commitments identified in the existing license. If not, the transferee must provide a description of its program to assure compliance with the license and regulations.

The transferee is committed to the continued compliance with all constraints, conditions, requirements, representations, and commitments identified in the existing license. This transfer will not change Hospital's compliance program and policies and procedures relating to the license will remain the same.

NUCLERR MEDICINE SERVICES PERFORMED

*

	N TO	CONTACT: Joseph Goetz, M.	D., R.S.O.				
I.		ense Review License #: 24-20274-01		Expir	ation Da	ate: 7	/31/98
	В.	Authorized Users Name	Autho	orized Us	es		
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		W.B. Davis, M.D.			++	**	
		D.G. Wood, M.D.	-		0		5.300
		R.E. Stevenson, M.D.	- 44				5.300
		J.J. Goetz, M.D.					5.300
		H. Cloogman, M.D.					
		G.D. Stillie, M.D.	35.400				
		M.S. LaGuerre, M.D.	35.400				
	C	Radiation Safety Committee					
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		R.E. Stevenson, MD.		35.200			
		J.J. Goetz, M.D.	35,100	, 35.200,	35.300	. 35.50	0
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		RSO: Dr. Goetz					
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		3. Computer(s)	Toshiba	а.			
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IX.	Rec	ords				
	А.	Chem 4M Activity in kit	NA	D.	Patient Name/I.D. # Activity prescribed mCi Activity admin. mCi Isotope Date/time of measurement Compound Generator return Radiation survey Surface 3' Wipe Test	Y Y Y Y/Y Y/Y Y 1 NA
	c.	Kit volume (ml) Kit lot # Kit expiration date Preparer initial	Y Y Y Y Y Y Y Y X Y X Y X Y	IX. B. IC. IE. IF. IG. H.	Shipping papers Labels Posting Parts 19 & 20/4 & 10(avl) License/application (avl) Notice to employees Emergency procedures Mo-99 procedure Signs Radiation area High radiation area Radiation material Containers Last inspection date Report on file Corrective action on file Patient Exposure	Y/Y Y/Y Y Y Y Y Y Y Y Y Y
XI.	А. В.	Patient control Visitor control Contamination control Waste control Notific: ion of RSO Private room	C NA Y Y Y Y		 G. Visitor control posted H. Rad. survey (initial) Restricted areas Unrestricted areas Time/date Diagram mR/Hr @ sev. points Instrument used Initials I. Waste collected J. Patient instruction for family safety K. Rad. survey-dismissal Patient's room Sanitary facility <200 DPM removable 	

XII. Bra	achythe:
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Comp.

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H.

Ι.	Bra	achytherapy
	.A.	Isotopes
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		Co-60
		Au-198
		Sr-90
		I-125
		Ir-192
		Ra-226
	В.	Safety instruction
		Size/appearance of srcs
		Safe handling
		Patient control
		Visitor control
		Notification of RSO
	С.	Private room
	D.	Radio. mat. sign posted
		Visitor control on door
		or chart
	F.	Radiation survey (init.)
		Restricted areas
		Unrestricted areas

nit.) Date/time Diagram mR/Hr @ several points Instrument used Initials Patient instruction for family safety .1 - 100 mR instrument & 1 - 1000 mR/Hr instr|

Inventor Immediately after removal | Names of individuals permitted to handle Use (Removal from storage) Number & activity removed | Patient's name & room # 1 Time/date removed Number/activity in storage a ter removal Initial of person removing sources

II. Use (return) Number & activity returned| 1. Patient's name & room # Time & date returned # & activity in storage after return

Initial of person returning sources

- Radiation survey of area JJ. After Implanting 1
- Radiation survey of patient IK. After source removal 1 Date 1
- Patient name Ł
- mR/Hr of patient @ 1 mtr. Instrument used ł
 - Initials

PHYSICIST. RADIATION SAFETY OFFICER

PHYSICIST REVIEW

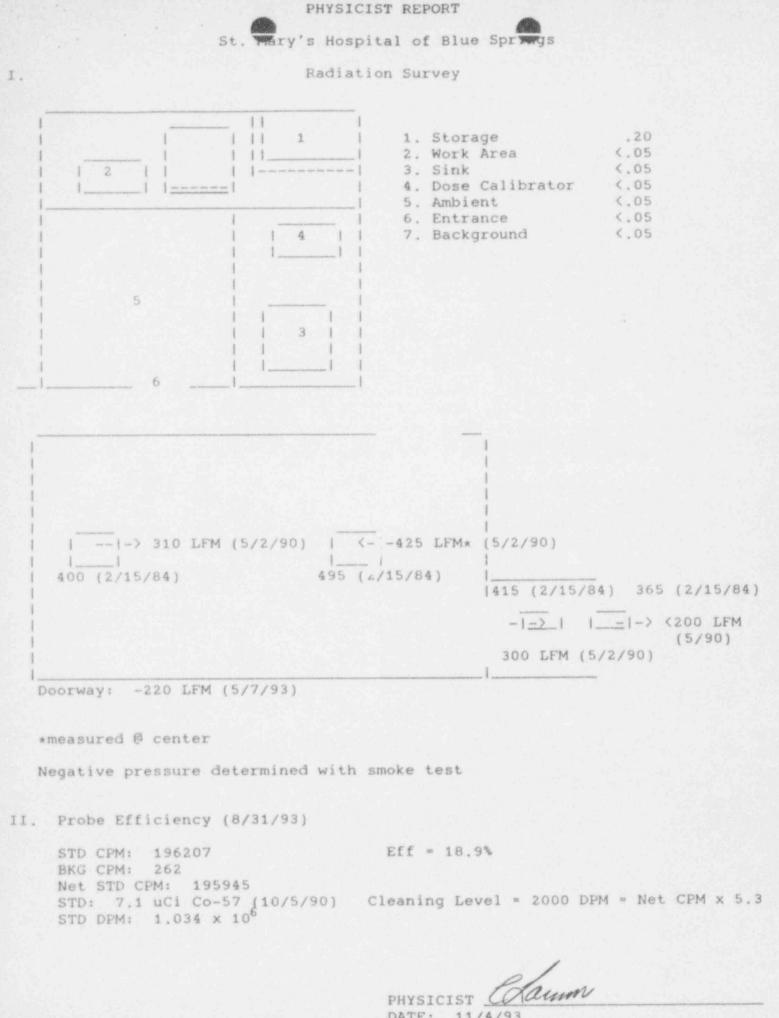
INSTITUTION: St. Mary's Aspital

ADDRESS: R.D. Mize Road

DATE: 11/4/93

ITEM			PERFORM	1AI	NCE DATE		
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Dose Calibrator Accuracy	8/28/89	1	11/15/89	1	2/1/90	1	5/2/90
	8/9/90	1	11/1/90	1	2/5/91	1	5/13/91
	8/2/91	1	11/28/91	1	2/12/92	1	5/26/92
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	8/2/91	1	11/28/91	1	2/12/92	1	5/ /92
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Sealed Source Inventory	8/28/89	1	11/15/89	1	2/1/90	1	5/2/90
		1	11/1/90	1	2/5/91	1	5/13/91
	8/2/91	1	11/28/91	1	2/11/92	1	5/26/92
	8/3/92	1	11/9/92	1	2/11/93	1	5/7/93
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Sealed Source Leak Test	5/2/90	1	11/1/90	1	5/13/91	1	11/28/91
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	1 5/20/93	1		1	11/4/93	1	
er nag, nat hat hat nam oan met nam oan hat en get met oan nam an met pan inn oan de met met met oan oan oan de jed eine met me	1 8/3/88		5/3/89	1	5/2/90	1	5/13/91
Policy & Procedure Review	5/26/92		8/31/93	1	and and and one life and the and the s	1	and the state that new and the first over the
er får ern det tat hat som met met met av han av nen met met av av det per ver met met det det det det det det m	3/1/90		11/28/91	1	11/24/92	1	11/4/93
Annual ALARA Review	ar an an in in an in an in the		man and man one and shift this over the s	1	the one can be see see and all all a	1	
n an	8/3/88		11/8/88	1	2/14/89	1	5/3/89
Survey Meter Check	8/28/89		11/15/89	1	2/1/90	1	5/2/90
	8/9/90	1	11/1/90	1	2/5/91	1	5/13/91
	8/2/91	1	11/28/91	1	2/12/92	1	5/26/92
	8/3/92	1	11/9/92	1	2/11/93	1	5/7/93
	8/31/93		11/4/93	1		1	AND AND AND AND AND AND AND AND AND
Ludlum 14C	8/88	1	8/89		11/90	1	11/91
			11/93			1	Nor out, and all the last day (in our)
							tran tran also other ones ones one tone when
Survey Meter Calibration Ludlum 3	1 9/90	1	8/91	1	8/92	. 1	8/93



DATE: 11/4/93

FACILITY: St. Mary's Hospital of Blue Springs CALIBRATOR MANUFACTURER: Capentec MODEL # CRC-5 SERIAL #51432 DATE: 11/4/93 DOSE CALIBRATOR ACCURACY CHECK

SOURCE I.D.	STRENGTH UCI	CALIBR. FACTOR	BKG UCI	CALCU ACTI.	MEAS. ACTI.	% VARIA.
137-CS-NES #3560180A-49						1
CALIBRATED				1		
1/25/80	1 201 uCi	220 1	0.0	146.2 uCi	153.0 uCi	4.6%
57-CO	1	1		1 1		
#8221009-01	1	1		1		1.
CALIBRATED	1	1		1		1.0.00
11/8/90	5.01mCi	112	0.0	.306 mCi	.310 mCi	1.1.1%
133-BA-NES-358	1					
#2580180A-11						
CALIBRATED	1 262 464	5.01	0.0	uCil	uCi	9/6
1/24/80	260 uCi	591	0.0	i ucri	uci	

SOURCE I.D.	ACCUP	NACY CHECK WI	TH LONG-L ACTIVIT	and the second se	NGE FROM LI	AST VISI
Cs-137-NES-356	Tc-	-99	309 u	Ci	0.3	
calibrated	I-1	.31	218 u	Ci	0.4	
1/26/81	Xe-	-133	189 u	Ci	0.5	
(219 uCi)	Ga-	-67	273 u	Ci	0.7	
	In-	-111	134 u	Ci	0.7	
	T1-	-201	178 u	Ci	0.0	
	Tes	st	154.4			
	ia ana ana ara ana ana ana ana ana ana an	DAILY CALIE	BRATION CH	IECK	April and the same the same set and set and	
STANDARD S	STRENGTH	CALIBR. FACTOR	BKG UCI	CALCU ACTIV.	MEAS. ACTIV.	% VARIA.
Cs-137-NES-356 calibrated 1/26/81 #3560181A-46	219 uCi	220	0.0	163.0 uCi	168.0uCi	3.0%
Ba-133 NES-358 calibrated 2/2/91 #358009-043	282 uCi	591	0.0	235.9 uCi	232.0 uCi	1.7%

PHYSICIST Claumi

126/93

RADIATION SAFETY OFFICER Sugue

Dome Calibrator Linearity Check

FACILITY: St. Mary's Hospital of Blue Springs DOSE CALIBRATOR MANUFACTURER: Capintec MODEL #: CRC-5 SERIAL #: DATE: 11/4/93

DATE	TIME	ELAPSED TIME	MEASURED ACTIVITY mCi	CALCULATED ACTIVITY mCi	% VARIATION
11/2/93	7:35	24.08	54.ť	53.4	2.2
	12:30	19.17	30.9	30.3	1.8
	3:30	16.17	21.7	21.5	1.0
11/3/93	7:40	0.0	3.34	3.34	0.0
	3:55	8.25	1.25	1.29	3.3
					A
11/4/93	7:40	24.0	.211	.211	0.0
	10:32	26.86	.154	.152	1.9

PHYSICIST Caume 51/20/3 RADIATION SAFETY OFFICER Junio

W. AND ART. IS ADDRESS.



Chi-Square Determination

INSTRUMENT: Ludlum SERIAL #: Model 2600 CHECK SOURCE #: Cs-137 DATE: 11/4/93

		CHI-SOUARE TEST	
	×	$(X_i - \overline{X})$	$\left(\frac{x}{i}-\overline{x}\right)^{2}$
1.	10340	, we can use one one one one one one one one one on	3147
2.	10441	44.9	2016
З.	10421	24.9	620
4.	10274	-122.1	14908
5.	10374	-22.1	488
6.	10209	-187.1	35006
7.	10370	~26.1	681
8.	10505	108,9	11859
9.	10530	133.9	17929
10.	10497	100.9	10181
E =	103961	$N(X-\overline{X})^2$	E = 96837
X =	10396.1	2 i X = E	2 X = 9.3 = .41
		$i = \overline{X}$	

NUMBER O	OF MEASUREME	NTS		P*			
	0.99	0.95	0.90	0.50	0.10	0.05	0.01
10	2.088	3.325	4.168	8.343	14.684	16.919	21.666
20	7.633	10.117	11.651	18.338	27.204	30.144	36.191

*P VALUE MUST FALL BETWEEN 0.1 AND 0.9

PHYSICIST Camer

St. Mary's Hospital of Blue Springs Blue Springs, MO

I. Quarterly Survey Meter Check

Ludlum Model 3 Serial #77881	1.1 mR/Hr with dedicated Battery: 1.8 Annual Due: 8/94	check source
Ludlum 14C/44-7 Serial #51325	0.8 mR/hr with dedicated Battery: 1.9	check source
921101 H01350	Annual calibration due:	11/93

11. Sealed Source Wipe Test

. · · · ·

Source Sample #	BKG CPM	Sample CPM	CPM	uCi Removed	Date
Ba-133; NES-358 1 282 uCi on 2/2/91 #358009-043	280	259	25914	<.005	11/4/93
Cs-137-NES-356 0181A-46 1	2.80	268	2633	<.005	-

291 uCi on 1/26/81

Co-57: 156/539 1 391 MBg on 2/5/93

III. Full Width Half Maximum - Ludlum Model 2600 Spectrometer - Cs-137

Energy Level	Cts	Energy Level	Cts	
" and the per star are the site and the last the set of the set	a sport stage and state states	the set of the set		
600	28	60	776	HV: 344
10	56	70	908	Wind: 338
20	88	80	872	Thresh: 80
30	183	90	662	Time: 100
40	377	700	339	
50	611	10	168	

FWHM = 8.1%

IV. Quarterly Sealed Source Inventory

Source Activity		I.D.#	Location	Date		
Cs-137	.219 uCi	3560181A-46	Nuclear Medicine	11/4/93		
Co-57 Co-57	5.2 mCi 7.39 mCi	2060481B-14 CTC.VI 4976 MA	Nuclear Medicine Nuclear Medicine	**		
Co-57		212002 Lot 688853	Nuclear Medicine	81 26		
Ba-133 Co-57	282 uCi 391 MBq	358009-043 156/539	Nuclear Medicine Nuclear Medicine	11		

PHYSICIST Claum

RADIATION SAFETY OFFICER DATE: 11/4/93

					· ·	LA	RA F	RC	GRAM					-							
RSC/RSO/ADMI	INIS	STI	RATIN	VE	REVI	CEW	/S														
A. ANNUAL 1. Operat 2. Expose 3. Physic B. QUARTERLY 1. Expose 2. Radiat 3. Physic 4. Accide	are cs f are tion cs f	Hi Rep Ki Rep	iston ports iston Surve ports	ri(s ri(ey:	e S 8 S 5			Re 	<u>view</u> 11/		Date		Acc 	ep	tabl	e	Un 	ac	cept	al	<u>le</u>
. EXPOSURE HI				n	Bad				2		3		1st 1/4		4		5		6		2nd 1/4
Krasick	B/I	R 1	Yes	1	62	1	М	1	М	1	М	1	М	1	М	1	10	1	М	1	10
Goetz	В	1	Yes	1	43	1	М	1	М	1	М	1	М	1	М		M	1	М	1	М
Huddleston	B/1	RI	Yes	1	174	1	М	1	30	1	М	1	30	1	40	1	100	1	М	1	140
Stephenson	В	1	Yes	1	74	1	30	1	40	1	160	1	230	1	M	1	М	1	90	1	90
Cook	в	1	Yes	1	129	1	М	1	М	1	М	1	М	1	М	1	М	1	М	1	М
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Name			Date	e	Bad	H			8		9		3/4		10		11		12		YTD
Krasick			Yes	1		1				1		1	M	1		1		1	a dané anisi Anis Je	1	10
Goetz	В	1	Yes	1	43	1	М	1		1		1		1	r dalah yangi untur u	1		1		1	м
Huddleston	B/1	RI								1		1	2.0	1		1		1			190
Stephenson			Yes	1	74	1	130	1	М	1	na, 188, 696, 186, 18	ł	130	1		1		1		1	450
Cook										1		1	М	1		1		1		1000	М
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