

**DKH** DAY KIMBALL HEALTHCARE

April 25, 2016

Farrah Gaskins, Health Physicist  
USNRC Region I  
2100 Renaissance Blvd., Suite 100  
King of Prussia, PA 19406-2713

RE: Licensee: Day Kimball Hospital

License No.: ~~06-01987-01~~ 06-10957-01 *Imp*

Docket No.: 030-01281

Control No.: 589749

Dear Ms. Gaskins:

1. We confirm that renovations were conducted in October 2012. We recognize that we should have requested a license change before the renovation was started.
2. We are not requesting the use of F-18 for PET imaging. The hospital contracts with an outside vendor who brings a mobile van which operates under the vendor's license.
3. We confirm that we wish to maintain Prasanta K. Karak, M.D. as the Radiation Safety Officer for this license.
4. We have developed and will implement and maintain written procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 20.1301.

Sincerely,



Robert E. Smanik, FACHE  
President & Chief Executive Officer

RES/alf

**NMSS/RGNI MATERIALS-002**



Day Kimball Hospital  
Nuclear Medicine Department  
320 Pomfret Street, Putnam, Connecticut  
Lic. # 06-10957-01

April 21, 2016

### Area Monitoring Report

Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Date/Time	Tech	In st	Ck.Src Batt	Bkg mR/hr	Area 1 mR/hr	Area 2 mR/hr	Area 3 mR/hr	Area 4 mR/hr	Area 5 mR/hr	Area 6 mR/hr	Area 7 mR/hr	Area 8 mR/hr	Area 9 mR/hr	Area 10 mR/hr
04-20-16 14:32	GS	5	P*	0.22*	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.04

Day Kimball Hospital

Nuclear Medicine Department

Area Monitoring Report : Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Date/Time	Tech	In st	Batt	Ck.Src mR/hr	Bkg mR/hr	Area 11 mR/hr	Area 12 mR/hr	Area 13 mR/hr	Area 14 mR/hr	Area 15 mR/hr	Area 16 mR/hr	Area 17 mR/hr	Area 18 mR/hr	Area 19 mR/hr	Area 20 mR/hr
04-20-16 14:32	GS	S	P*	0.22*	0.00	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03

# Day Kimball Hospital

Nuclear Medicine Department

Area Monitoring Report

: Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Date/Time	Tech	st	In Batt	Ck.Src mR/hr	Bkg mR/hr	Area 21 mR/hr
04-20-16 14:32	GS	5	P*	0.22*	0.00	0.03

## Note:

Areas Underlined are over trigger limit.

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QC Readings marked with '\*' (asterisk) indicates that QC was not part of the Area Monitor test.

Battery Check: "P" = Pass "F" = Fail

Test Not performed or Not Required : "-"

Trigger Limit : 0.50 mR/hr

## Current Area Trigger Limits (mR/hr):

1 Injection Roc - 0.50	2 Injection Car - 0.50	3 IMAGING ROOM - 0.50
4 IMAGING ROOM - 0.50	5 STRESS LAB DE - 0.50	6 TREADMILL - 0.50
7 WAITING AREA - 0.50	8 HOT LAB DESK - 2.00	9 HOT LAB STORA - 2.00
10 HOT LAB COUN - 2.00	11 DOSE CALIBRA - 2.00	12 LEAD SHIELD - 2.00
13 RADIOACTIVE - 2.00	14 HOT LAB COUN - 2.00	15 FILE CABINET - 0.50
16 STRESS II TP - 0.50	17 STRESS II BE - 0.50	18 STRESS II RA - 0.50
19 STRESS III P - 0.50	20 STRESS III T - 0.50	21 STRESS III R - 0.50

## Instrument Information

#	Name	Manufacturer	Next Cal	Serial Number	Efficiency
5	#2 BIODEX DIGITAL.	Biodex	10-14-2016	10100161	41.90%

## Original area names:

Generic Name	Actual Area Name	Generic Name	Actual Area Name	Generic Name	Actual Area Name
Area 1	1 Injection Room	Area 2	2 Injection Cart	Area 3	3 IMAGING ROOM #2 TABLE
Area 4	4 IMAGING ROOM #2 CAMERA	Area 5	5 STRESS LAB DESK	Area 6	6 TREADMILL
Area 7	7 WAITING AREA	Area 8	8 HOT LAB DESK	Area 9	9 HOT LAB STORAGE AREA
Area 10	10 HOT LAB COUNTER	Area 11	11 DOSE CALIBRATOR	Area 12	12 LEAD SHIELD
Area 13	13 RADIOACTIVE STORAGE	Area 14	14 HOT LAB COUNTER	Area 15	15 FILE CABINET

**Day Kimball Hospital**

**Nuclear Medicine Department**

Area Monitoring Report : Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Area 16	16 STRESS II TREADMILL	Area 17	17 STRESS II BED	Area 18	18 STRESS II RAD WASTE
Area 19	19 STRESS III BED	Area 20	20 STRESS III TREADMILL	Area 21	21 STRESS III RAD WASTE

**Tech Information:**

Tech	Complete Tech Name
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GS	SHEA, GARRY
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Nuclear Medicine Department  
320 Pomfret Street, Putnam, Connecticut  
Lic. # 06-10957-01

April 21, 2016

### Area Wipe Report

Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Date/Time	In Tech	st	Batt	Ck.Src	Bkg	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Area 8	Area 9	Area 10
						CPM CPM DPM	CPM DPM	CPM DPM	CPM DPM	CPM DPM	CPM DPM	CPM DPM	CPM DPM	CPM DPM	CPM DPM
04-21-16 08:56	BE	3	--	7*		100 109 363	200 666	12 40	59 196	88 293	93 310	104 346	110 366	114 380	115 383

Day Kimball Hospital

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Area Wipe Report : Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Date/Time	In Tech st Batt	Ck.Src Bkg CPM CPM DPM	Area 11 CPM CPM DPM	Area 12 CPM DPM	Area 13 CPM DPM	Area 14 CPM DPM	Area 15 CPM DPM	Area 16 CPM DPM	Area 17 CPM DPM	Area 18 CPM DPM	Area 19 CPM DPM	Area 20 CPM DPM
04-21-16 08:56 BE	3 --	7*	100 207 690	206 686	203 676	253 843	259 863	243 810	261 870	243 810	300 1000	236 786

## Day Kimball Hospital

## Nuclear Medicine Department

Area Wipe Report : Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

Date/Time	Tech	In st	Batt	Ck.Src	Bkg	Area	21
				CPM	CPM	DPM	
04-21-16 08:56	BE	3	--	7*	100	309	1030

## Note:

Areas Underlined are over trigger limit.

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Battery Check: "P" = Pass "F" = Fail

Test Not performed or Not Required: "-"

Check source reading was done today but not as part of this survey/wipe test: " \* "

Wipe Area : 100.00 Sq. CM

Trigger Limit : 2000.00 DPM

Current Area Trigger Limits (DPM): 2,000.00

## Instrument Details:

#	Instrument	Manufacturer	Next Cal Date	Serial No	Efficiency
3	BIODEX PROB	Biodex	09-11-2016	2250901546	30.00%

## Original area names:

Generic Name	Actual area name	Generic Name	Actual area name	Generic Name	Actual area name
Area 1	1 Injection Room	Area 2	2 Injection Cart	Area 3	3 IMAGING ROOM #2 TABLE
Area 4	4 IMAGING ROOM #2 CAMERA	Area 5	5 STRESS LAB DESK	Area 6	6 TREADMILL
Area 7	7 WAITING AREA	Area 8	8 HOT LAB DESK	Area 9	9 HOT LAB STORAGE AREA
Area 10	10 HOT LAB COUNTER	Area 11	11 DOSE CALIBRATOR	Area 12	12 LEAD SHIELD
Area 13	13 RADIOACTIVE STORAGE	Area 14	14 HOT LAB COUNTER	Area 15	15 FILE CABINET
Area 16	16 STRESS II TREADMILL	Area 17	17 STRESS II BED	Area 18	18 STRESS II RAD WASTE
Area 19	19 STRESS III BED	Area 20	20 STRESS III TREADMILL	Area 21	21 STRESS III RAD WASTE



**Day Kimball Hospital**

Nuclear Medicine Department

Area Wipe Report :      Group Name : NUCLEAR MEDICINE

Date Range : 04/20/2016 To 04/21/2016

**Tech Information:**

Tech	Tech Name
BE	ESMALELI BRIAN