UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 20, 2007

Docket No. 03035802 License No. 31-30666-01
Control No. 140445

Paul J. Early
Vice President and Corporate RSO
Digirad Imaging Solutions, Inc.
P.O. Box 340
Bemus Point, NY 14712

SUBJECT: DIGIRAD IMAGING SOLUTIONS, INC., LICENSE AMENDMENT, CONTROL NO. 140445

Dear Mr. Early:

This refers to your license amendment request. Enclosed with this letter is the amended license. The facility at 1000 Washington Street, Michigan City, Indiana may be released for unrestricted use.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Tara L. Weidner

Tara L. Weidner
Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 54

DOCUMENT NAME: C:\FileNet\ML072330105.wpd

SUNSI Review Complete: TWeidner
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U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 54

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with the letter dated April 30, 2007,
1. Digirad Imaging Solutions, Inc	3. License number 31-30666-01 is amended in its entirety to read as follows:
2. P.O. Box 340 Bemus Point, New York 14712	4. Expiration date April 30, 2016
	5. Docket No. 030-35802 Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed

9. Authorized use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
B. Any imaging and localization study permitted by 10 CFR 35.200.

CONDITIONS

10. A. Licensed material may be used or stored at the licensee's facilities located at 1811 Executive Drive, Suite 1, Building #18, Indianapolis, Indiana; 24301 Catherine Industrial Drive, Suite 112A, Novi, Michigan; 212 West Spring Street, Frackville, Pennsylvania; Westpark Business Center, 7584 Morris Court, Suite 228, Allentown, Pennsylvania; 50 Williams Parkway, East Hanover, New Jersey; 10727 Trenton, St. Louis, Missouri; 840 Hospital Drive, Blacksburg, Virginia; 5215 Monticello Avenue, Suite A, Williamsburg, Virginia; 223 S. Church, Suite A, Ripley, West Virginia; 1 Bartol Avenue, Suite 10, Ridley Park, Pennsylvania; 2304 Park Avenue West, Hainesport Industrial Park, Hainesport, New Jersey; 1243 South Cedar Crest Boulevard, Suite 2500, Allentown, Pennsylvania; 3084 Emrick Boulevard, Bethlehem, Pennsylvania; and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

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If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

B. Licensed material may be delivered to the licensee's mobile van located at temporary job sites when trained licensee personnel are present to receive the licensed material. Licensed material may not be stored in the mobile van when trained licensee personnel are not present.

11. Licensed material is only authorized for use by, or under the supervision of:

A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.

B. The following individuals are authorized users for medical use as indicated:

Authorized Users	Material and Use
Bindukumarc Kansupada, M.D.	35.100; 35.200
Geetha M. Reddy, M.D.	35.100; 35.200
David Kovacich, M.D.	35.100; 35.200
Joel S. Raichlen, M.D.	35.100; 35.200
Christopher J. Hollon, M.D.	35.200
Frank J. Conte, M.D.	35.100; 35.200
J. William Whitaker, M.D.	35.200
Nathan E. Millikan, M.D.	35.100; 35.200
Leonard Feitell, M.D.	35.200
Robert Litchfield, D.O.	35.100; 35.200
Anirudh Khanna, M.D.	35.200
Charles H. Curtiss, D.O.	35.100; 35.200
Elmer P. Manalo, M.D.	35.200
Jeffrey Rogers, M.D.	35.200
Benny Sin-Ping Ko, M.D.	35.200

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Authorized Users	Material and Use
Susan Farkas, M.D.	35.200
John P. Smith, D.O.	35.200
Barry E. Shapiro, D.O.	35.200
Edward H. Aprahamian, D.O.	35.100; 35.200
Christopher J. Ostromecki, M.D.	35.200
Rodolfo Farhy, M.D.	35.200
Amando C. Madrozo, M.D.	35.200
Ahmad Bahjat Shahbandar, M.D.	35.200
Michael Shen, M.D.	35.200
Parag A. Madhani, M.D.	35.200
Anthony J. Cossell, M.D.	35.200
Nate E. Lebowitz, M.D., FACC	35.200
Won Chae, M.D.	35.100; 35.200
Santosh M. Pandit, M.D.	35.200
Zubair Khan, M.D.	35.200
Ponnambalam Sundram, M.D.	35.200
Kusai S. Aziz, M.D.	35.200
Edward D. Williams, M.D.	35.100; 35.200
David T. Rayne, M.D.	35.100; 35.200
Brian J. McVey, M.D.	35.100; 35.200
John H. Chotkowski, M.D.	35.100; 35.200
John R. Mootz, M.D.	35.100; 35.200
Jude A. Leblanc, M.D.	35.100; 35.200
Edwin P. Hutsal, M.D.	35.100; 35.200

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Authorized Users	Material and Use
Debbie Wright, M.D.	35.200
Adel Yaaskoub, M.D.	35.200
Daniel E. Stobbe, M.D.	35.200
Rajendra Vallabhaneni, M.D.	35.200
Steven Craig Vranian, M.D.	35.200
Michael J. Fleissner, M.D.	35.200
Vasudev G. Ananthram, M.D.	35.200
Lane J. Benoff, M.D.	35.200
Jack Newman, M.D.	35.200
Raed Bargout, M.D.	35.200
Salvador Borges-Neto, M.D.	35.200
John Scott, D.O.	35.100; 35.200
Gregory J. Elberfeld, M.D.	35.100; 35.200
Krishnakant Raiker, M.D.	35.100; 35.200
Mark Karabajakian, D.O.	35.100; 35.200
Andrew Keenan, M.D.	35.100; 35.200
David I. Freilich, M.D.	35.200
Mark Younis, M.D.	35.100; 35.200
Larry Handlin, D.O.	35.100; 35.200
Michael A. Rossi, M.D.	35.100; 35.200
Aymen Alrez, M.D.	35.100; 35.200

12. The Radiation Safety Officer for this license is Paul J. Early.

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13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A.	Application dated June 29, 2005	[ML051870153]
B.	Letter dated December 4, 2005	[ML053530235]
C.	Letter dated May 24, 2006	[ML061460398]
D.	Letter dated April 14, 2006	[ML061090217]
E.	Letter dated May 2, 2006	[ML061220665]
F.	Letter dated August 3, 2006	[ML062350452]
G.	Letter dated August 16, 2006	[ML062300130]
H.	Facsimile dated September 18, 2006	[ML062630406]
I.	Letter dated August 22, 2006	[ML062350389]
J.	Letter dated October 3, 2006	[ML062780329]
K.	Letter dated March 27, 2007	[ML070880595]
L.	Letter dated June 28, 2007	[ML071800491]

For the U.S. Nuclear Regulatory Commission

Date August 20, 2007

By ***Original signed by Tara L. Weidner***

Tara L. Weidner
Medical Branch
Region I
King of Prussia, Pennsylvania 19406