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

November 9, 2007

Docket No. 03033422 License No. 37-30120-01
Control No. 141244

Lon P. Wilson
Vice President Nuclear Operations/RSO
CDL Nuclear Technologies, Inc.
6400 Brooktree Court
Suite 320
Wexford, PA 15090

SUBJECT: CDL NUCLEAR TECHNOLOGIES, INC., LICENSE AMENDMENT, CONTROL NO. 141244

Dear Mr. Wilson:

This refers to your license amendment request. Enclosed with this letter is the amended license adding Douglas Schulman, M.D. as an authorized user.

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. 20

DOCUMENT NAME: C:\FileNet\ML073201013.wpd

SUNSI Review Complete: TWeidner
After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "**C**" = Copy w/o attach/encl "**E**" = Copy w/ attach/encl "**N**" = No copy

OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	TWeidner/TW							
DATE	11-9-07							

OFFICIAL RECORD COPY

Amendment No. 20

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 October 24, 2007,
1. CDL Nuclear Technologies, Inc.	3. License number 37-30120-01 is amended in its entirety to read as follows:
2. 6400 Brooktree Court, Suite 320 Wexford, Pennsylvania 15090	4. Expiration date August 31, 2014
	5. Docket No. 030-33422 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
C. Any byproduct material permitted by 10 CFR 31.11	C. Prepackaged Kits	C. 5 millicuries
D. Americium 241	D. Sealed sources (Amersham Model AMC24 or AMCP4)	D. 14 millicuries per source, 70 millicuries total

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.
C. In vitro studies.
D. Use as an anatomical marker.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-30120-01

Docket or Reference Number
030-33422

Amendment No. 20

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at:

    A. 5400 Centre Avenue, Pittsburgh, Pennsylvania;
    B. Southwestern Health Center, 500 Lewis Run Road, Suite 108, Pittsburgh, Pennsylvania;
    C. Andres Medical Center, 3742 State Road 257, Seneca, Pennsylvania;
    D. Chest Medicine Associates, 3512 State Road 257, Seneca, Pennsylvania;
    E. Pine Hollow Medical Associates @ Robinson Medical Center, Suite 2A, 133 Church Hill Road, McKees Rocks, Pennsylvania;
    F. 119 Professional Building, 1265 Wayne Avenue, Suite 306, Indiana, Pennsylvania;
    G. 311 Warren Street, Johnstown, Pennsylvania;
    H. 6400 Brooktree Court, Wexford, Pennsylvania;
    I. Family Practice Associates, 188 Enclave Drive, New Castle, Pennsylvania;
    J. Petersen Clinic, 119 Main Street West, Suite #A, Oak Hill, West Virginia;
    K. Weirton Imaging, 3665 Pennsylvania Avenue, Floor 2, Weirton, West Virginia;
    L. Cardiovascular @ Medical Specialists, 485 Colliers Way, Suite A, Weirton, West Virginia; and

    licensed material 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.

    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.

11. The Radiation Safety Officer for this license is Lon P. Wilson.

12. 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
Frank S. Torok, M.D.	35.200; In vitro studies
Thomas P. Power, M.D.	35.100; 35.200; Americium 241 sealed source as an anatomical marker; In vitro studies
Ken Vesio, M.D.	35.200; In vitro studies

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-30120-01

Docket or Reference Number
030-33422

Amendment No. 20

Shamsher Bakth, M.D.	35.200; In vitro studies
John Ward, D.O.	35.200; In vitro studies
Floyd Casaday, M.D.	35.200; In vitro studies
Ramana M. Murty, M.D.	35.200; In vitro studies
John S. Gregg, M.D.	35.200
Olga Shabalov, M.D.	35.100; 35.200; In vitro studies
Glenn Miller, M.D.	35.200; In vitro studies
Douglas Schulman, M.D.	35.100; 35.200

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 may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of 10 CFR Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-30120-01

Docket or Reference Number
030-33422

Amendment No. 20

`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. Letter (with application) dated March 24, 2004 [ML041030076]
B. Letter (with attachments) dated July 28, 2004 [ML042370194]
C. Letter (with attachments) dated March 8, 2007 [ML070790582]
D. Facsimile dated June 12, 2007

For the U.S. Nuclear Regulatory Commission

Date November 9, 2007

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

Tara L. Weidner
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406