



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

October 6, 2006

Docket No. 04009007
Control No. 139397

License No. SUB-1551

Marvin M. Turkanis
Vice President
Neutron Products Inc.
22301 Mt. Ephraim Road
P.O. Box 68
Dickerson, MD 20842

SUBJECT: NEUTRON PRODUCTS INC., LICENSE AMENDMENT, CONTROL NO. 139397

Dear Mr. Turkanis:

This refers to your license amendment request. Enclosed with this letter is the amended license. This Amendment adds the new facility as requested to enable you to move your licensed activities. Prior to release of your current facility for unrestricted use, you must receive an Amendment removing your current facility from your license. Include in the request, the results of surveys demonstrating that the levels of residual activity in the facility are acceptable. When you submit the Amendment request, please refer to the Control Number at the top of this letter.

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 **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

M. Turkanis
Neutron Products Inc.

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Thank you for your cooperation.

Sincerely,

Original signed by Thomas K. Thompson

Thomas K. Thompson
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 5

cc:
Jerry L. Fogle, Radiation Safety Officer

DOCUMENT NAME: G:\Docs\Mailed\Lic Cvr Letter\sub-1551.139397.10062006.wpd

SUNSI Review Complete: DLawyer

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NAME	DLawyer/DRL		TThompson/TKT					
DATE	10/06/2006		10/6/2006					

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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.

<p style="text-align: center;">Licensee</p> <p>1. Neutron Products, Inc.</p> <p>2. 22301 Mt. Ephraim Road P.O. Box 68 Dickerson, Maryland 20842</p>	<p>In accordance with the letter dated September 8, 2006,</p> <p>3. License number SUB-1551 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date September 30, 2012</p> <hr/> <p>5. Docket No. 04009007 Reference No.</p>
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|---|----------------------------------|--|
| 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. Depleted Uranium | A. Metal | A. 20,000 kilograms |

9. Authorized use:
- A. Shielding and/or component parts in a teletherapy unit.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 416 North Fairfax Boulevard, Building No. 8, Ranson, West Virginia, or 300 North Preston Street, Ranson, West Virginia.
11. The Radiation Safety Officer for this license is Jerry L. Fogle.
12. Licensed material shall be used by, or under the supervision of, Jerry L. Fogle and Marvin Turkanis.
13. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
14. This license does not authorize the chemical, physical, or metallurgical processing of licensed material.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

SUB-1551

Docket or Reference Number

04009007

Amendment No. 5

16. 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. 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 dated April 23, 2002 [ML021160274]
- B. Application dated April 25, 2002 [ML021160274]
- C. Letter dated February 9, 2006 [ML060470435]
- D. Letter dated April 10, 2006 [ML061040634]
- E. Letter dated September 8, 2006 [ML062620387]



For the U.S. Nuclear Regulatory Commission

Date October 6, 2006

By *Original signed by Thomas K. Thompson*
Thomas K. Thompson
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406