

**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. Lockheed Martin Space Systems Company</p> <p>2. 1160 Los Angeles Boulevard P.O. Box 47299 Kings Bay, Georgia 31547</p>	<p>In accordance with the letter dated January 5, 2010,</p> <p>3. License number SUB-1502 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date August 31, 2013</p> <hr/> <p>5. Docket No. 04008944 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Nickel 63</p> <p>B. Americium 241</p> <p>C. Depleted Uranium</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (E. G. &amp; G. Part No. 328986)</p> <p>B. Sealed Neutron Sources (Gammatron-Inc. Model T563)</p> <p>C. Metal</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 40 microcuries per source and 40 millicuries total</p> <p>B. 90 millicuries per source and 270 millicuries total</p> <p>C. 68.2 kilograms</p>
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9. Authorized use:
- A. For possession and use in electronic components and transfer to licensed/authorized Department of Defense users.
  - B. For possession and use as a neutron detection check source.
  - C. For possession and use as shielding in a Varian Model 1000(a) linear accelerator

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at Strategic Weapons Facility - Atlantis (SWFLANT), Naval Submarine Base Kings Bay, Kings Bay, Georgia.
- 11. Licensed material shall be used by, or under the supervision of Leslie H. Cleary.
- 12. The Radiation Safety Officer for this license is Leslie H. Cleary.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
SUB-1502Docket or Reference Number  
04008944

Amendment No. 8

13. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. 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. Application dated February 17, 2003 [ML030550479]
  - B. Application dated December 21, 2009 [ML100270013]
  - C. Facsimile dated April 5, 2010 [ML100950512]
  - D. Facsimile dated April 6, 2010 [ML100960272]



For the U.S. Nuclear Regulatory Commission

***Original signed by Thomas K. Thompson***Date April 6, 2010

By \_\_\_\_\_

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