NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 2

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.

PC 03214

Licensee

217187

1. Systems & Electronics Inc.

2. 201 Evans Lane
St. Louis, MO 63121-1126

In accordance with the letter dated **May 13, 2008 ,**

3. License number 24-23912-01 is amended in its entirety to read as follows:

4. Expiration date October 31, 2014

5. Docket No. 030-36717
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. Hydrogen-3	A. Glass Sealed Capsules (SRB Technologies Type D)	A. 180 millicuries (6.66 GBq) per source, 36 curies (1.33 TBq) total

9. Authorized use:

A. For possession and storage, as sealed sources in SRB Technologies Inc., Model ES 6510-01 Level Gauges and for installation of these level gauges into the MSTAR ground surveillance (radar) systems, and for testing, demonstrations and/or repair activities, not involving any removal of the sealed tritium sources from the level gauges, as described in application dated November 7, 2003 and letter dated February 3, 2004. Also, to be used for possession incident to distribution in accordance with the conditions of NRC Byproduct Material License No. 24-23912-02E.

CONDITIONS

10. Licensed material may be used at the licensee's facilities located at 201 Evans Lane, St. Louis, Missouri and may be used at temporary job sites (as described in application dated November 7, 2003) of the licensee anywhere int the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. Licensed material shall be used by or under the supervision of William Schardan, Timothy Tullock, Harvey Hartzke, William Joseph Brandon, Denise Malin, Marilyn Rose, Joyce Covey, or Richard Berger.

12. The Radiation Safety Officer for this license is William Schardan.

13. This license does not authorize commercial distribution of licensed material.

14. Licensed material shall not be used in or on human beings.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
24-23912-01

Docket or Reference Number
030-36717

Amendment No. 2

15. Sealed sources containing licensed material shall not be opened.

16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.

17. The licensee may transport licensed material in accordance the provisions of 10 CFR Part 71, Packaging and Transportation of Radioactive Material.

18. 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 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 November 7, 2003;

    B. Letters dated February 3, 2004, October 26, 2004 and February 14, 2006; and

    C. Facsimile dated April 6, 2006.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 24 2008

By William P. Reichhold

William P. Reichhold
Materials Licensing Branch
Region III