UNITED STATES

NUCLEAR REGULATORY COMMISSION
Office of Federal and State Materials and
Environmental Management Programs
WASHINGTON, DC 20555 - 0001

June 20, 2011

Docket No. 030-36457 License No. 20-23904-01E
Mail Control 574631

Mitchell S. Eppley
Senior Manufacturing Engineer
Morpho Detection, Inc.
205 Lowell Street
Wilmington, MA 01887

SUBJECT: MORPHO DETECTION INC. LICENSE AMENDMENT, AND AMENDED REGISTRATION CERTIFICATE NO. NR-0399-D-101-E

Dear Mr. Eppley:

Enclosed find U. S. Nuclear Regulatory Commission (NRC) exempt distribution License No. 20-23904-01E, Amendment # 12 and amended Registration Certificate No. NR-0399-D-101-E. Please review the enclosed documents carefully and be sure that you understand all the conditions. If there are any errors or questions, please contact me so that appropriate corrections or answers can be provided.

Please be advised that you must manufacture and distribute the products in accordance with the statements and representations contained in your application, with enclosures thereto, and the information set out in your license. As a general rule, you must request and obtain an amendment to the license before you make changes or modifications to the information submitted to obtain the license. You are also obligated to notify us promptly in writing should you decide to no longer distribute the product.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions specified in your NRC license, representations made in your license application, and other rules, regulations, and orders of the U.S. Nuclear Regulatory Commission, now or hereafter in effect, to include the following:

1. Comply with applicable NRC regulations in 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; and other applicable regulations.

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2. Distribute only those products containing radioactive material which are specifically authorized in your license.

3. Notify NRC in writing within 30 days of any change in mailing address.

4. Request and obtain appropriate amendments if you plan to change control or ownership of your organization, change locations of distribution of products containing radioactive material, or make any other changes in your program which are contrary to the license conditions or representations made in your license application and any supplemental correspondence with NRC.

5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You should receive a reminder notice approximately 90 days before the expiration date. Continued distribution of products containing radioactive material after your license expires is a violation of NRC regulations.

6. In accordance with 10 CFR 30.36, request termination of your license if you plan to permanently discontinue activities involving distribution of products containing radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in compliance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action(s) against you. This could include issuance of a notice of violation; proposed imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," (NUREG-1600).

Please be aware that, as a holder of an NRC registration, you may be subject to the NRC's licensing and inspection fees in accordance with 10 CFR Part 170, and annual fees in accordance with 10 CFR Part 171. If you have any questions concerning the fee requirements, please contact the License Fee and Accounts Receivable Branch at (301) 415-7544.

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If you have questions regarding the Sealed Source and Device review, please contact John Jankovich at (301) 415-7904. If you have questions regarding the Exempt-Distribution License review, please contact me at (301) 415-7640.

Sincerely,

/RA/

Shirley S. Xu,
License Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Enclosure:
License No. 20-23904-01E
NR-0399-D-101-E

Sincerely,

/RA/

Shirley Xu,
License Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
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