



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

March 30, 2006

Docket No. 03034438
Control No. 138521

License No. 29-30390-01

Paul A. Taylor, Ph.D.
President
SFBC Taylor Technology, Inc.
107 College Road East
Princeton, NJ 08540

SUBJECT: SFBC TAYLOR TECHNOLOGY, INC., LICENSE AMENDMENT, CONTROL NO.
138521

Dear Dr. Taylor:

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, Industrial, and Academic 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 9:00 p.m. EST, Monday through Friday (except Federal holidays).

P. Taylor
SFBC Taylor Technology, Inc.

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Thank you for your cooperation.

Sincerely,

Original signed by Steven Courtemanche

Steven Courtemanche
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 2

cc:
Robert White, Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML060890371.wpd

SISP Review Complete: SCourtemanche

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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. SFBC Taylor Technology, Inc.</p> <p>2. 107 College Road East Princeton, New Jersey 08540</p>	<p>In accordance with the letter dated February 23, 2006,</p> <p>3. License number 29-30390-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2007</p> <hr/> <p>5. Docket No. 030-34438 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen 3</p> <p>B. Carbon 14</p> <p>C. Sulfur 35</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 50 millicuries</p> <p>B. 10 millicuries</p> <p>C. 5 millicuries</p>
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9. Authorized use:

A. through C. Research and development as defined in 10 CFR 30.4.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 107 and 301D College Road East, Princeton, New Jersey.
- 11. Licensed material shall be used by, or under the supervision of Kevin Carleton, Thomas D. Oglesby, Ph.D., or Mihir Patel.
- 12. The Radiation Safety Officer for this license is Robert J. White.
- 13. The licensee shall not use licensed material shall not be used in or on human beings except as provided otherwise by specific condition of this license.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
29-30390-01

Docket or Reference Number
030-34438

Amendment No. 2

- 14. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
- 15. The licensee is authorized to hold byproduct material with a physical half-life of less than 120 days for decay-in-storage before disposal without regard to its radioactivity if it:
 - A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale with no interposed shielding; and
 - B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and
 - C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.
- 16. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 17. 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 April 9, 1997
 - B. Letter dated May 30, 1997
 - C. Letter dated February 23, 2006
 - D. Letter dated March 29, 2006

For the U.S. Nuclear Regulatory Commission

Original signed by Steven Courtemanche

Date March 30, 2006
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By _____
Steven Courtemanche
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406