



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

December 10, 2002

Docket Nos. 04000791
03003796
Control Nos. 132385
132286

License Nos. SMB-151
06-07522-02

Carlos J. Rivera
Radiation Safety Officer
United Technologies Company
Pratt & Whitney
400 Main Street, M/S 124-26
East Hartford, CT 06108

SUBJECT: UNITED TECHNOLOGIES COMPANY, ISSUANCE OF LICENSE
AMENDMENTS, CONTROL NOS. 132385 AND 132286

Dear Mr. Rivera:

This refers to your license amendment request. Enclosed with this letter is the amended license.

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.

In addition, please note that your application should have been signed by a management representative rather than yourself. The NRC views a letter signed by a management representative as indication that management has reviewed the application and concurs in the statements and representations contained therein. Please have a management representative sign all future correspondence that requests a change in your license.

In accordance with 10 CFR 2.790, a copy of this letter will be placed in the NRC Public Document Room and will be accessible from the NRC Web site at <http://www.nrc.gov/reading-rm.html>.

Thank you for your cooperation.

Sincerely,

Original signed by Elizabeth Ullrich

Betsy Ullrich
Senior Health Physicist
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety

C. Rivera
United Technologies Company

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Enclosures:

1. Amendment No. 16 for License No. SMB-151
2. Amendment No. 44 for License No. 06-07522-02
3. NUREG 1556, Volume 4

cc w/ enclosures:

Stephen M. Juers, Radiation Safety Officer

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OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	STullio/sxt4		EUlrich/exu					
DATE	11/20/2002		12/10/2002					

OFFICIAL RECORD COPY

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. United Technologies Corporation Pratt and Whitney</p> <p>2. 400 Main Street, M/S 124-26 East Hartford, Connecticut 06108</p>	<p>In accordance with the letter dated November 11, 2002,</p> <p>3. License number SMB-151 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2005</p> <hr/> <p>5. Docket No. 040-00791 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. Natural Thorium | A. Solid Thorium Oxide not exceeding 4% dispersed in Nickel | A. 910 kilograms |

9. Authorized use:
- A. Research and development and fabrication of aircraft engine components.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 400 Main Street, East Hartford, Connecticut; and Aircraft Road, Middletown, Connecticut.
11. A. Licensed material shall be used by, or under the supervision of, Carlos Rivera, or United Technologies' Safety Engineers who have successfully completed the training requirements in letter dated April 25, 1995, and are approved by the Radiation Safety Officer.
- B. The Radiation Safety Officer for this license is Carlos Rivera.

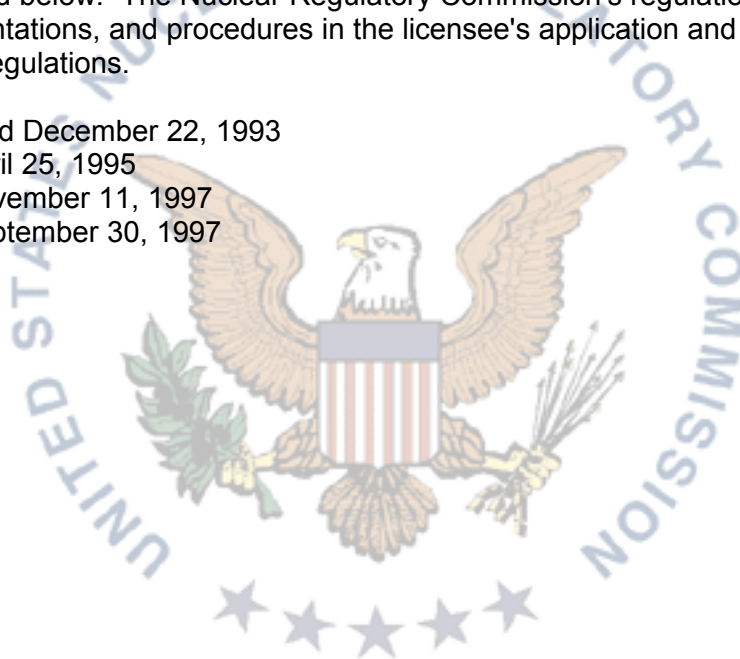
**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
SMB-151

Docket or Reference Number
040-00791

Amendment No. 16

- 12. The licensee is not required to file the reports described in 10 CFR 40.64(a), (b) or (c) for thorium contained in nickel-thorium alloys if the thorium content of the alloys does not exceed 4 percent by weight.
- 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 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 December 22, 1993
 - B. Letter dated April 25, 1995
 - C. Letter dated November 11, 1997
 - D. Letter dated September 30, 1997



For the U.S. Nuclear Regulatory Commission

Original signed by Elizabeth Ullrich

Date December 10, 2002

By

 Elizabeth Ullrich
 Nuclear Materials Safety Branch 2
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406