NRC	FORM 374	J.S. NUCLEAR REGULAT	ORY COMMISSION	PAGE <u>1</u> OF <u>2</u> PAGES Amendment No. 21						
		MATERIALS I								
Pursu Fede made speci such conta regula	uant to the Atomic Energy Act of 1954, as ral Regulations, Chapter I, Parts 30, 31, 32 by the licensee, a license is hereby issue al nuclear material designated below; to u material to persons authorized to receive in the conditions specified in Section 18 ations, and orders of the Nuclear Regular	amended, the Energy R 2, 33, 34, 35, 36, 39, 40, ed authorizing the licens ise such material for the it in accordance with the 83 of the Atomic Energ tory Commission now of	eorganization Act of 19 and 70, and in reliance eee to receive, acquire, p purpose(s) and at the pl regulations of the appli y Act of 1954, as ame r hereafter in effect and	74 (Public Law 93-438), and Title 10, Code of on statements and representations heretofore possess, and transfer byproduct, source, and ace(s) designated below; to deliver or transfer cable Part(s). This license shall be deemed to nded, and is subject to all applicable rules, to any conditions specified below.						
	Licensee		In accordance wit	h the letter dated						
			September 13, 20	13,						
1. United Technologies Corporation			3. License number SMB-151 is amended in							
Pratt and Whitney			its entirety to read as follows:							
		EARH	EGU							
2. 400 Main Street, M/S 124-26			4. Expiration date	4. Expiration date January 31, 2021						
E	ast Hartford, Connecticut 06108		5. Docket No. 040	0-00791						
	5		Reference No.	R						
6.	 Byproduct, source, and/or special nuclear material Chemical and/or physical form physical form possess at any one time under this license 									
A. Natural Thorium A. Solid Thorium Oxide not exceeding 4% dispersed in Nickel										
9.	Authorized use:	F & AL	Bark	S						
Α.	Research and development and	fabrication of aircra	ift engine compone	nts.						
CONDITIONS										
10. Licensed material may be used or stored only at the licensee's facilities located at 400 Main Street, East Hartford, Connecticut, and Aircraft Road, Middletown, Connecticut.										
11.	 Licensed material shall be used by, or under the supervision of, Dennis M. Kraemer, or United Technologies' Safety Engineers who have successfully completed the training requirements described in the letter dated August 5, 2005, and are approved by the Radiation Safety Officer. 									
12.	The Radiation Safety Officer for this license is Dennis M. Kraemer.									
13.	. 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.									
14.	The licensee is authorized to tr	ansport licensed ma	aterial in accordanc	e with the provisions of						

License Number SMB-151 Docket or Reference Numb 040-00791	ber							
Docket or Reference Numb 040-00791	ber			License Number SMB-151				
Docket or Reference Number 040-00791 Amendment No. 21								
						active Material."		
A a h	tive Material."	tive Material."	<pre>.mendment No. 21</pre>	tive Material."	<pre>timendment No. 21 trive Material." trive Material." trive licensee shall conduct its program in</pre>			

- 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. Letter dated August 5, 2005 (ML052210160)
 - B. Letter dated August 9, 2010 (ML102350270)
 - C. Letter dated July 18, 2012 (ML12213A111)

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For the U.S. Nuclear Regulatory Commission

Date October 2, 2013

Original signed by Elizabeth Ullrich

By

Elizabeth Ullrich Commercial and R&D Branch Division of Nuclear Materials Safety Region I King of Prussia, Pennsylvania 19406