



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

May 23, 2005

Docket No. 04008478  
Control No. 137054

License No. SMB-1260

Roy Femenella  
Vice President, Environmental Health and Safety  
Bell Laboratories  
A Division of Lucent Technologies  
600 Mountain Avenue  
Murray Hill, NJ 07974-0636

SUBJECT: BELL LABORATORIES, LICENSE AMENDMENT, CONTROL NO. 137054

Dear Mr. Femenella:

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.

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 available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or 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).

Thank you for your cooperation.

Sincerely,

***Original signed by Elizabeth Ullrich***

Elizabeth Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 13

R. Femenella  
Bell Laboratories

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cc:  
Richard Quick, C.I.H., Radiation Safety Officer

R. Femenella  
Bell Laboratories

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OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	FGaskins/FCG		EUIrich/EXU					
DATE	5/23/2005		5/23/2005					

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. Bell Laboratories A Division of Lucent Technologies Inc.</p> <p>2. 600 Mountain Avenue Murray Hill, New Jersey 07974-0636</p>	<p>In accordance with the letter dated May 3, 2005,</p> <p>3. License number SMB-1260 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2012</p> <hr/> <p>5. Docket No. 04008478 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Uranium (Natural)</p> <p>B. Uranium (Depleted)</p> <p>C. Thorium</p> <p>D. Uranium (Depleted)</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Plated metal</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 20 kilograms</p> <p>B. 20 kilograms</p> <p>C. 70 kilograms</p> <p>D. 300 kilograms</p>
<p>9. Authorized use:</p> <p>A. through C. Research and development as defined in 10 CFR 30.4.</p> <p>D. Shielding material.</p>		

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at 600 Mountain Avenue, Murray Hill, New Jersey.
11. Licensed material shall only be used by, or under the supervision of, individuals designated, in writing, by the Radiation Safety Committee.
12. The Radiation Safety Officer for this license is Richard Quick, CIH, CSP.
13. The licensee shall not use licensed material in or on human beings.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

**SMB-1260**

Docket or Reference Number

**04008478**

Amendment No. 13

14. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. 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 May 30, 2002 (ML021550052)
  - B. Letter dated February 18, 2005 (ML051010387)
  - C. Letter dated May 3, 2005



For the U.S. Nuclear Regulatory Commission

Date May 23, 2005

By

***Original signed by Elizabeth Ullrich***

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