

Amendment No. 28

## 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, 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.

Licensee		In accordance with letter dated January 23, 1985	
1. Nuclear Products Company		3. License number 04-01100-01G is amended in its entirety to read as follows:	
2. 2519 North Merced Avenue So. El Monte, California 91733		4. Expiration date May 31, 1990	
		5. Docket or Reference No. 030-03607	
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. Polonium 210	A. Foil sources (3M Co. Model 7B8L)	A. Not applicable	
9. Authorized use			
A. Pursuant to Section 30.33, 10 CFR Part 30, the licensee is authorized to distribute the foil sources specified in Subitem A above contained in the devices specified in Condition 10 of this license to persons generally licensed pursuant to Section 31.3, 10 CFR Part 31.			

## CONDITIONS

10. Devices containing foil sources and described by the following Model Numbers may be distributed under this license:

1C200	1U200	3U400	5U500
3C500	1U400	2U500	

11. Devices distributed under this license shall be tested as follows:

- A. All exposed external surfaces of the device including the handle, metal portions of the brush, brush bristles adjacent to the source, and protective grid on source container, shall be wiped thoroughly with a piece of absorbent paper moistened with a solution which will not attack the materials of which the device is made and which, under the conditions of this test, has been demonstrated to be effective in removing polonium 210.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number  
04-01100-01C

Docket or Reference number  
030-03607

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CONDITIONS

(continued)

- B. Not less than 48 hours after final assembly, a minimum of five percent of the devices manufactured from each batch of polonium 210 shall be subjected to the test described in Paragraph A. above. If such test reveals more than 0.005 microcurie of radioactivity removed, all of the devices manufactured from that batch of polonium 210 foil shall be tested, and only those which reveal less than 0.005 microcurie of radioactivity shall be used or transferred to any person for use.
12. Each device distributed under this license shall bear a conspicuous, permanently affixed label in accordance with the specifications contained in letter dated April 8, 1980.
13. With each device transferred under this license, the manufacturer will include instructions containing the precautionary language as specified in letter dated April 8, 1980, and modified in letter dated January 21, 1982.
14. The licensee shall maintain records of each device transferred under this license. The records shall include the following information:
- A. Identification of the batch of polonium 210 foil used in the manufacture;
  - B. Date of fabrication of the device;
  - C. Amount and identity of radioactive material encased;
  - D. Date of wipe test and amount of radioactivity in microcuries revealed by such test.
15. This license does not authorize the possession, use, maintenance or servicing of the devices listed in Condition 10. of the license.
16. Devices distributed under this license shall be manufactured pursuant to State of California Radioactive Material License No. 0637-70 and in accordance with statements, representations, and procedures contained in application dated October 20, 1978, and letters dated April 8, 1980, January 21, 1982, January 23, 1985, and April 18, 1985, and attachments thereto. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date \_\_\_\_\_

By \_\_\_\_\_  
Beth A. Riedlinger  
Health Physicist (Licensing)  
Nuclear Materials Safety Section  
Region V