

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

07-00455-02

Docket or Reference number

030-03852

Amendment No. 45

"OFFICIAL RECORD COPY"

E. I. du Pont de Nemours and Co., Inc.
Radiological Safety Officer
Experimental Station, E270/100
Wilmington, Delaware 19898

In accordance with letter dated March 1, 1985, License Number 07-00455-02 is amended as follows:

Items 6., 7., 8., and 9. are amended to read:

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. Any byproduct material with Atomic Nos. 3-83, inclusive, except: Strontium 90

A. Any

A. Not to exceed 500 millicuries per radionuclide and 15 curies total, except: Carbon 14 - 2 curies Sulfur 35 - 1 curie Nickel 63 - 1 curie

B. Americium 241

B. Sealed sources

B. Not to exceed 5 curies total

C. Californium 252

C. Sealed sources

C. Not to exceed 270 millicuries total

D. Cesium 137

D. Sealed sources

D. Not to exceed 5 curies total

E. Cobalt 60

E. Sealed sources

E. Not to exceed 3 curies total

F. Curium 244

F. Sealed sources

F. Not to exceed 510 millicuries total

G. Hydrogen 3

G. Any

G. Not to exceed 50 curies total

H. Krypton 85

H. Sealed sources

H. Not to exceed 10 curies total

I. Polonium 210

I. Sealed sources

I. Not to exceed 500 millicuries total

J. Strontium 90

J. Sealed sources

J. Not to exceed 500 millicuries total

K. Uranium

K. Any

K. Not to exceed 25 kilograms total

L. Depleted Uranium

L. Any

L. Not to exceed 50 kilograms total

M. Thorium

M. Any

M. Not to exceed 25 kilograms total

9. Authorized use

A. through M. For use in research and development as defined in Section 30.4(q), 10 CFR Part 30.

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(Continued)

Conditions 12. and 21. are amended to read:

12. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radioisotopes Committee, Dr. T. M. Reilly, Chairman.
- B. The Radiation Protection Officer for the activities authorized by this license is Amy S. Berg.
21. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated June 23, 1982 and letters dated February 23, 1982, April 6, 1982, November 17, 1982, January 4, 1983, April 3, 1984, June 8, 1984, and March 1, 1985. 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

Original Signed By:

John E. Glenn

By

Nuclear Materials Safety and
Safeguards Branch, Region I
King of Prussia, Pennsylvania 19406

Date

MAY 24 1985