

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

29-01348-10

Docket or Reference number

030-20754

Amendment No. 01

**"OFFICIAL RECORD COPY"**

Union Carbide Corporation  
P.O. Box 670  
Bound Brook, New Jersey 08805

In accordance with letter dated April 12, 1985, License Number 29-01348-10 is amended as follows:

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

- |   |  |   |
|---|--|---|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Nickel 63</p> <p>B. Cesium 137</p> <p>C. Americium 241</p> <p>D. Carbon 14</p> | <p>7. Chemical and/or physical form</p> <p>A. Foil in Perkin-Elmer Model 330-0119 detector cells</p> <p>B. Sealed sources (Texas Nuclear Model 570-57157C)</p> <p>C. Sealed sources (Amersham/Searle Model AMC .36) or AMCP 1)</p> <p>D. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 15 millicuries per foil</p> <p>B. Not to exceed 20 millicuries per source</p> <p>C. Not to exceed 25 millicuries per source</p> <p>D. Not to exceed 500 millicuries</p> |
|---|--|---|

9. Authorized use

- A. For use in gas chromatographs for sample analysis.
- B. For use in Texas Model 5192 source holder for level measurements.
- C. For use in NDC Systems Model 103 thickness monitoring gage.
- D. Research and Development as defined by 10 CFR 30.4 (q).

Conditions 12. and 20. are amended to read:

12. Licensed material in Item 6.A and B shall be used by, or under the supervision of Jay D. Keough, U. S. Haapala, I. E. Treble. Licensed material in Item 6.C. shall be used by, or under the supervision of Jay. D. Keough and R. G. Angell. Licensed material in Item 6.D. shall be used by, or under the supervision of Dr. R. G. Eagar.
20. 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 May 10, 1984, and letters dated June 28, 1984, August 1, 1984, April 12, 1985 and June 14, 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.

8511180721 850731  
REG1 LIC30  
29-01348-10 PDR

Date JUL 31 1985

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

ML10