

U. S. ATOMIC ENERGY COMMISSION  
BYPRODUCT MATERIAL LICENSEPage 1 of 1 Pages

Supplementary Sheet

License Number 47-260-6  
(C61)Amendment No. 4

Union Carbide Corporation  
Union Carbide Chemicals Company  
Union Carbide Olefin Company  
437 MacCorkle Avenue  
South Charleston 3, West Virginia

Attention: L. R. Rogers

In accordance with application received February 23, 1960, License No.  
47-260-6 is amended to add:

| 6. Byproduct material<br>(element and mass number) | 7. Chemical and/or physical<br>form                              | 8. Maximum amount of radio-<br>activity which licensee<br>may possess at any one<br>time |
|--|--|--|
| K. Strontium-90                                    | K. Sealed Sources (U. S.<br>Radium Corporation<br>Model LAB-369) | K. 40 millicuries (2<br>sources of 20 milli-<br>curies each)                             |

## 9. Authorized Use

K. To be used as ionization sources in Barber-Coleman Company ionization detector  
cells for gas chromatography.

License No. 47-260-6 is further amended to add the following condition:

20. In lieu of using the conventional radiation caution colors (magenta or purple  
on yellow background) as provided in Section 20.203(a)(1), Title 10, Code of  
Federal Regulations, Part 20, the licensee is hereby authorized to label  
detector cells and cell baths, containing byproduct material and used in  
gas chromatography devices, with conspicuous etched or stamped radiation  
caution symbols without a color requirement.

Date March 8, 1960

DUPLICATED

For the U. S. Atomic Energy Commission

Original Signed By,  
James R. Mason  
Chief, Isotopes Branch

by

Division of Licensing and Regulation  
Washington 25, D. C.

R &amp; B 3/9/60

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