



## SHELL CHEMICAL COMPANY

A DIVISION OF SHELL OIL COMPANY

P. O. BOX 2633

DEER PARK, TEXAS

June 12, 1964

Mr. Robert E. Brinkman  
Isotopes Branch  
Division of Materials Licensing  
United States Atomic Energy Commission  
Washington 25, D.C.

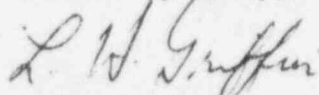
Reference ML:IB:BWC (59350)

Dear Mr. Brinkman:

Thank you for your June 3, 1964 letter concerning our request for authorization to use license exempt quantities of carbon-14 labeled carbon dioxide for isotope dilution studies at our Norco, Louisiana chemical plant. The chemistry of the acrolein process and associated refining methods preclude the incorporation of carbon dioxide derived carbon-14 radioactivity in the final product either by chemical or physical means.

Since it is completely impossible for the tracer C-14 to be retained in the acrolein for distribution as a consumer product, we should appreciate your continued review of our request.

Yours very truly,

  
L. H. Griffin

LHG:jtm

