

ML:IB:ENG(30230)

JUN 3 1964

Shell Chemical Company  
P. O. Box 2633  
Newark, Texas

Attention: Mr. L. H. Griffin

Gentlemen:

This refers to your letter dated April 23, 1964, requesting authorization for the use of Carbon 14 for isotopic dilution studies at the Shell Chemical Company, Newark, Louisiana, facilities.

Prior to continuing review of your request we shall need clarification concerning the potential incorporation of Carbon 14 into the acrolein product. If any of the Carbon 14 is to be retained in the acrolein for distribution as a consumer product, we shall need the following additional information:

1. The specific designation or distribution of the product involved and the indicated use or application of this product.
2. The method of introducing the Carbon 14, the initial concentration, and the method of controlling the initial concentration.
3. The proposed concentration at time of transfer, and the method of assuring that transferred material will not exceed the proposed concentration for transfer.

This information is necessary for review of your proposal in accordance with the exempt concentrations provisions of Section 10.24(h), Title 10, Code of Federal Regulations, Part 10.

Sincerely yours,

Robert E. Brickman  
Isotopes Branch  
Division of Materials  
Licensing

bcc: Compliance Region IV

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SURNAME ▶	Enclosure: 10 CFR, Part 10	BWChurchill/vk	REBrickman			
DATE ▶		6/1/64	6/2/64			

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