

70-687

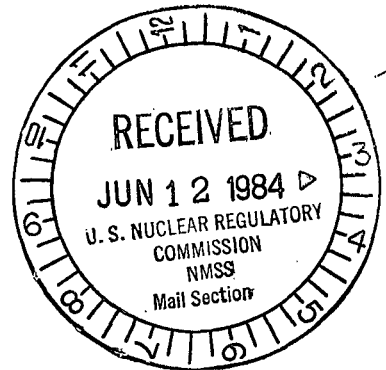


UNION CARBIDE CORPORATION P. O. BOX 324, TUXEDO, NEW YORK 10987  
MEDICAL PRODUCTS DIVISION TELEPHONE NUMBER: (914) 351-2131

PDR  
Return  
to 39655  
See Report

June 6, 1984

U. S. Nuclear Regulatory Commission  
Division of Fuel Cycle and Material Safety  
Advanced Fuel and Spent Fuel Licensing Branch  
7915 Eastern Avenue  
Silver Spring, MD 20910



Attn: Leland C. Rouse  
Branch Chief

Ref: USNRC Letter 03/12/84, Docket 70-687

Gentlemen:

Our application for renewal of SNM License No. 639 has been revised per your comments and recommendations contained in the referenced letter and in subsequent discussions with members of your staff.

The initially proposed license limits for SNM in plant control areas, except the quantity limits for waste drums, remain unchanged. Lower limits for waste drums are proposed in this revised submittal. The safety demonstrations for some of the new license limits have been modified according to our recent discussions. Safety demonstrations for current limits which are being carried over from the existing license have been added. Additional limits on combustible materials in hot cells also have been included.

We have addressed the issue of audits for criticality safety by proposing frequent checks of operations against control area limits that will be accomplished concurrently with physical inventories, in addition, an annual comprehensive audit of operations will be performed by an appointee of the Nuclear Safeguards Committee.

A copy of the 1983 Union Carbide Annual Report has been appended.

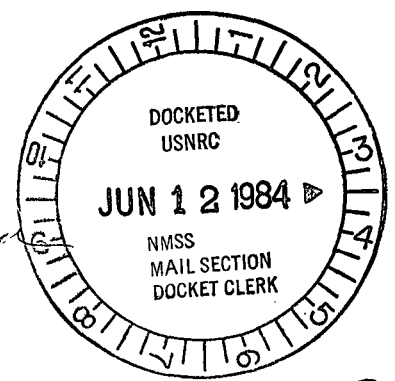
We believe that all of the comments in the above referenced letter that remained unresolved after our meeting of April 19th have been addressed in this revised consolidated application. We reiterate our request that the renewed license term be the maximum that is allowed and that it commence at the date of renewal.

Thank you for your consideration.

Very truly yours,

**FEE EXEMPT**  
*add info*

*James J. McGovern*  
James J. McGovern  
Business Manager  
Radiochemicals



JJMcG:js  
Attachment

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DOCKET NO. 70-687  
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DATE RCVD. 06/12/84  
FCUF \_\_\_\_\_ PDR   
FCAF  LPDR \_\_\_\_\_  
WM \_\_\_\_\_ I&E REF.   
WMUR \_\_\_\_\_ SAFEGUARDS   
FCTC \_\_\_\_\_ OTHER \_\_\_\_\_

DESCRIPTION:

A Copy of the  
1983 Union Carbide  
Annual Report  
has been appended

06/29/84 INITIAL CFC