

MAR 6 1981

DOCKET NO. 70-687

Union Carbide Corporation
Medical Products Division
ATTN: Mr. James J. McGovern
Business Manager Radiochemicals
P.O. Box 324
Tuxedo, New York 10987

Gentlemen:

We have notified the NRC Office of the Controller to refund the \$150 fee submitted for the February 9, 1981 amendment request. The Licensing staff has informed us that they requested the amendment in error and that your procedures meet the intent of existing license conditions.

Sincerely,

Original Signed By
J. D. Weiss

Douglas Weiss
License Fee Management Branch
Silver Spring Office
Office of Administration

DISTRIBUTION:

Docket File
PDR
Matls. License Fee File
LFMB R/F (SS)
LFMB R/F (Beth)
ASCabell, LFMB

OFFICE ▶	LFMB:ADM						
SURNAME ▶	Dweiss:rej						
DATE ▶	3/5/81						

PUBLIC VOUCHER FOR REFUNDS

Voucher No.

Schedule No.

U. S. Nuclear Regulatory Commission
(Department or Establishment, Bureau or Office)

Location: Washington, D.C. 20555

Appropriation or Fund:

To Union Carbide Corporation
Address Medical Products Division
P.O. Box 324
Tuxedo, New York 10987
ATTN: Mr. James J. McGovern

PAID BY

Deposit received from the above-named depositor on February 19, 1981, 19
for \$150 (D81 - 320)

has been applied as herein stated and the balance indicated is returned herewith:

Amount of deposit..... Check 28027 \$ 150

Applied as explained in "Remarks" below

Balance authorized to be refunded..... \$ 150
From: AA905-AMD-A

Remarks:

Refund of fee for February 9, 1981 request for amendment.
No amendment necessary since existing procedures meet
license conditions (License SNM-639, Docket 70-687).

Date 3/5/81

(Sign original only) Doug Weiss
License Fee Management Br.
Title Silver Spring Office

Refund by { Check No.
Cash, \$ on (Signature of payee)
Other method, \$ (Sign original only)
(Describe)

70-687

Pls call me

LH



07000687A03m
21112 001
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

March 2, 1981

To: Doug Weiss
Fr: R. S. Jackson

Subject: Feb. 9 + Feb. 20, 1981 Letters
from Union Carbide - Super 70-687

This is a request for the return to
the licensee the fee of \$150.⁰⁰ submitted
with his Feb. 9, 1981 letter.

Due to a misunderstanding on
my part, it was suggested by me
that the licensee submit a request
for modification of an existing
License Condition. No such
modification is needed as the
licensee's current procedures are
satisfactory and do meet the
intent of the License Condition 7.2.

Thank you
R. S. Jackson

07000687 A03M
21112



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

February 20, 1981

U. S. Nuclear Regulatory Commission
Material Control & Accountability
Licensing Branch
Division of Safeguards
Mail Stop 881SS
Willste Building
7915 Eastern Avenue
Silver Spring, MD 20910

Attn: Mr. R. Jackson
Ref: UCC Letter Dated 2/9/81

Dear Sir:

Please withdraw our request for the license amendment to MPP Item 7.2 of the SNM-639 license. This amendment is deemed to be unnecessary per our telephone conversation on 2/19/81.

Very truly yours,

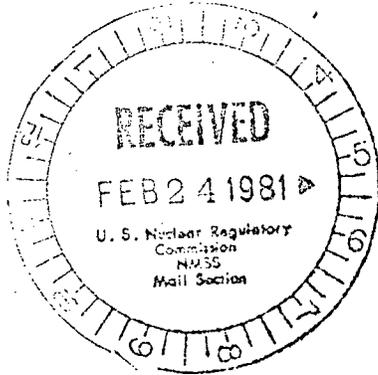
James J. McGovern
Business Manager
Radiochemicals

JJMcG:js

70-687

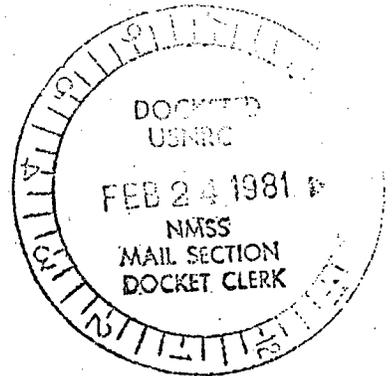


UNION CARBIDE CORPORATION
MEDICAL PRODUCTS DIVISION
P.O. BOX 324, TUXEDO, NEW YORK 10987
TELEPHONE: 914-351-2131



February 9, 1981

U. S. Nuclear Regulatory Commission
Material Control & Accountability
Licensing Branch
Division of Safeguards
Mail Stop 881SS
Willste Building
7915 Eastern Avenue
Silver Spring, MD 20910



Attn: Mr. R. Jackson

Gentlemen:

The Materials and Plant Protection Amendment 3 to the Union Carbide Corporation SNM-639 license, item 7.2 prescribes item checks of discrete items and containers of SNM daily. It is requested that the wording of item 7.2 be amended to read as follows:

"Accurate records shall be established and maintained which provide on a daily basis knowledge of the identity and location of all unirradiated SNM in discrete items and containers.

This change is requested because daily item checks of irradiated SNM has become impractical; however, by reason of the fact that this material has been irradiated, it is rendered self-protected within the definition of 10 CFR 73.6 b.

Applicant
Check No.	28027
Amount/Fee Category	F.A.P. - 10
Type of Fee	Admin
Date Check Rec'd	2/19/81
Received By	W. E. ...

18518

February 9, 1981

There are from 75 to 100 discrete items or containers which hold irradiated SNM at any time during routine operation. a general breakdown of these items follows:

<u>Location</u>	<u>Item</u>	<u>Quantity</u>	<u>Radiation Level @ 3'</u>
Reactor Core	Irradiation Target	28 ea.	~5000 Rem/hr. each
Hot Cell	Irradiation Target	1 to 6 ea.	5000 Rem/hr. each
Hot Cell	U & fission pdt. waste solutions (~15 gms ea.) in septum sealed bottles.	20 to 60 ea.	100 to 5000 Rem/hr. each
Hot Cell	U Oxide with fission pdts.	1 to 26 ea.	100 to 1000 Rem/hr. each

It is not practicable to perform daily item checks on irradiation targets in the reactor core because it would require that the reactor be shut down each day and all of the targets would have to be removed. This would seriously hinder efficient isotope production. All other irradiated SNM is located in the hot cells where processing goes on practically continuously 6 days per week. Radiochemical separation operations would have to be interrupted if daily item checks were required.

Because these items are self-protected by contained radioactivity and because of the security measures¹ employed, we believe that daily item checks of this material are unnecessary. Any unauthorized diversion would require special knowledge and equipment which would prevent such diversion from being carried out without detection. Daily item checks will be made on all unirradiated material.

¹UCC Physical Security Plan forwarded to the Commission 5/18/80.

February 9, 1981

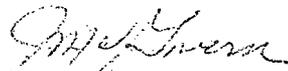
The new wording of 7.2 that is hereby requested also omitted the word "quantity" as an ingredient of the item check. Although each MBA custodian could assess the approximate amount of material contained in discrete items other than sealed targets by noticing the volume of solution, quantity of powders and qualities such as colors and textures of material, an absolute determination of quantity cannot be made unless the material contained is sampled and assayed. Since we do not believe it is the intent of this license condition to require daily assays, we request that the word "quantity" be left out.

For the above reasons, we believe this license change can be made without endangering life, property and the common defense.

A check in the amount of \$150.00 is enclosed for the fee prescribed by 10 CFR 170.31. I. G for an administrative license amendment.

Thank you for your consideration.

Very truly yours,


James J. McGovern
Business Manager
Radiochemicals

JJMcG:js
Enclosure (CHECK \$150.00)

18718

William O. Miller
License Fee Management Branch
Office of Administration

MC # _____
SG # _____
NCL# 07000687 R03M
PSL# _____

MATERIALS SAFEGUARDS AMENDMENT CLASSIFICATION:

Applicant: Union Carbide
License No: SNM-634 Fee Category: 1D
Application Dated: 2/9/81 Received: 2/12/81
Applicant's Fee Classification: Administrative

The above application for amendment has been reviewed by the NMSS' Division of Safeguards in accordance with Section 170.31 of Part 170 and is classified as follows:

1. Safeguard amendments to licenses in fee Categories 1A through 1H
 - (a) ___ Major Safeguards
 - (b) ___ Minor Safeguards
 - (c) ___ Safeguards (Categories 1D through 1G only)
 - (d) Administrative

2. Justification for reclassification: _____

3. The application was filed (a) ___ pursuant to written NRC request and the amendment is being issued for the convenience of the Commission, or (b) ___ Other (State reason): _____

Signature: Pat Bright
Division of Safeguards, NMSS
Date: 2/12/81

Handwritten notes and signatures:
Do not...
OK
2/12/81

Amendment Request
re. 7.2