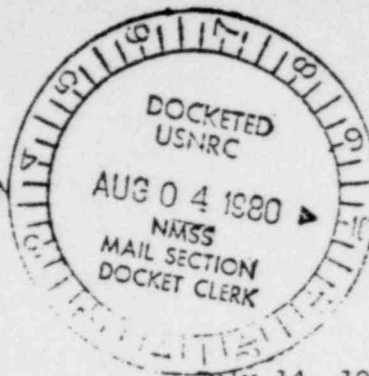




UNION CARBIDE CORPORATION
 MEDICAL PRODUCTS DIVISION
 P.O. BOX 324, TUXEDO, NEW YORK 10987
 TELEPHONE: 914-351-2131



71-5957
 PDR

July 14, 1980

Mr. Charles E. MacDonald, Chief
 Transportation Branch
 Division of Fuel Cycle and Materials Safety
 U. S. Nuclear Regulatory Commission
 Washington, D. C. 20555

Applicant.....	
Check No. 2549	
Amount/Fee Category \$2800-113	
Type of Fee minor	
Date Check Rec'd. 7/29/80	
Received By. [Signature]	

Re: Request for Amendment to Certificate of Compliance 5957

Dear Mr. MacDonald:

Union Carbide hereby requests that Certificate of Compliance 5957 for the Model BMI-1 shipping cask be amended to include in the contents approved for shipment, containers of irradiated fissile target material. This material, which is the end product of our process for irradiating and separating medical radioisotopes, has been disposed of as radioactive waste in the past. In the future we will recover the material and ship it to a reprocessor.

The containers we propose to use are of similar materials, dimensions, and materials as MTR fuel elements which are already approved for the BMI-1 shipping cask. The same baskets can be used as are already designed fabricated and licensed. We have engaged Battelle Columbus Laboratories, the primary licensee of the cask, to perform a safety analysis of the differences between the proposed and already approved contents. The safety analysis will be sent to you directly by Battelle in early August. Since we will be shipping spent reactor fuel in the BMI-1 shipping cask during the month of September we ask that the license be amended as soon as possible to allow us to make our first shipment of reclaimed target material in September while we have the cask.

This matter has been discussed with Mr. Richard Odegaarden of your staff some weeks ago. In an attempt to expedite matters we are filing the license amendment fee at this time to avoid any delay when the safety analysis is available to you. Attached you will find a check for \$2,800.00 to cover the fee for a minor amendment to Certificate of Compliance 5957.

NOV 1 1980

9 20 1980

04 5 1980

Yours very truly,
 [Signature]

Marcus H. Voth
 Manager
 Nuclear Operations

MHV:ltm

RECEIVED

cc: Mr. Richard J. Burian - Battelle
 Mr. Richard Odegaarden - NRC

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