



UNION CARBIDE CORPORATION

P. O. BOX 324, TUXEDO, NEW YORK 10987

TELEPHONE: 914-351-2131

Docket No. 70-687
Task No. 702
Docketed SEP 27 1967 *dl*

STERLING FOREST
RESEARCH CENTER

Regulatory Suppl File Cy.

September 25, 1967

Mr. Roger Woolsey
Source and Special Nuclear Materials Branch
Division of Materials Licensing
U.S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Woolsey:

Union Carbide Corporation, Tuxedo, New York, wishes to withdraw its request, dated September 7, 1967, for an amendment to our license number SNM-639. This request was written without giving sufficient thought to all of the isotopes of plutonium involved. We are requesting instead that Item 6 of our license be amended by adding a section F which would permit possession of up to 200 millicuries of plutonium-241.

This amendment is required because one of our service irradiations for Knolls Atomic Power Laboratory, Schenectady, New York, involves possession of approximately 0.001 grams of plutonium-241. The material will be doubly encapsulated and leak tested at KAPL. Insertion into our 5 MW research reactor will be performed under procedures approved by our Nuclear Safeguards Committee and authorized by our reactor license R-81. After irradiation the material will be transferred to our hot cell facility and prepared for shipment back to KAPL. During the entire procedure extreme care will be used to maintain the integrity of the quartz capsule primary containment. Only during the short time required to transfer it from one container to another, in the hot cell, will the sample have less than double containment.

Should you need additional information before granting this amendment, please call me collect at 914-351-2131.

Very truly yours,
C. J. Konnerth
C. J. Konnerth
Health Physics Supervisor

CJK:bh

**COPY PROVIDED
COMPLIANCE**
+ PDR on
9/24/67 RTW

ACKNOWLEDGED