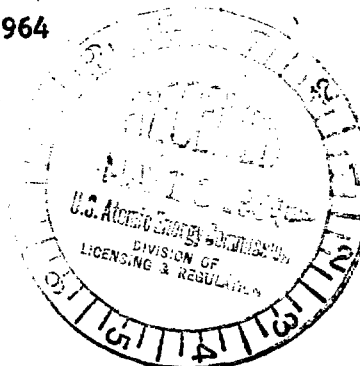


**UNITED NUCLEAR
CORPORATION****EXTRA**

May 11, 1964

HEMATITE, MISSOURI 63047
TELEPHONE 314-937-2575

Mr. Donald Nussbaumer
U. S. Atomic Energy Commission
Division of Licensing and Regulation
St. Elmo and Norfolk Streets
Bethesda, Maryland

SUBJECT: SNM-33, Amendment for LTL Shipments between United Nuclear Corporation Plants at Hematite, Missouri and New Haven, Connecticut

Dear Mr. Nussbaumer:

As you know, there has been a considerable amount of discussion, confusion, and problems resulting from AEC requirements for control of special nuclear material in transit.

Shipment via exclusive use of the vehicle is excessively expensive--up to ten times or more that of an LTL shipment. An alternate arrangement whereby the carrier agrees not to transfer the shipment from one vehicle to another at tranship points enroute is quite difficult when more than one carrier is involved; for shipments of only two or three drums the carriers are unwilling to cooperate.

It has been suggested that as a possible solution specified routes for LTL shipments be licensed. This would consist of the establishment of a routing between our plant and our customer whereby the same carriers would also certify proper handling.

As a test case and also to help alleviate some of our recent shipping problems, a routing has been established between our plants at Hematite, Missouri and New Haven, Connecticut. This routing and the carriers involved is detailed in the attached "Shipping Route and Transfer Points for Shipments of Uranium Metal and Uranium Compounds from United Nuclear Corporation, Route 21A, Hematite, Missouri to United Nuclear Corporation, New Haven, Connecticut" dated May 11, 1964. As part of this procedure a certificate of non-commingling will be obtained from each carrier involved. A copy of this certificate entitled "Certificate for Non-Commingling of Source or Special Nuclear Material" dated May 11, 1964 is attached.

We are respectfully requesting amendment to license SNM-33 to permit LTL shipments between Hematite, Missouri and New Haven, Connecticut

B-190

Mr. Donald Nussbaumer
May 11, 1964
Page Two

in accordance with the procedures outlined in the previous paragraph; this amendment to apply to all shipping containers licensed under SNM-33.

In that we are currently shipping to New Haven, your early review and approval is requested.

Yours truly,



L. J. Swallow
Operations Control Manager

LJS:jrt

May 11, 1964

SHIPPING ROUTE AND TRANSFER POINTS FOR SHIPMENTS
OF URANIUM METAL AND URANIUM COMPOUNDS
FROM
UNITED NUCLEAR CORPORATION
ROUTE 21A, HEMATITE, MISSOURI
TO
UNITED NUCLEAR CORPORATION
NEW HAVEN, CONNECTICUT

1. CES Trailer to CES Terminal, Crystal City, Missouri -- not unloaded.
2. CES Trailer to CES Terminal, 1729 North 11th Street, St. Louis, Missouri -- not unloaded.
3. CES Trailer to Spector Motor Freight, 905 South 9th Street, St. Louis, Missouri -- unloaded.
4. Spector Trailer to Spector Terminal, Bridgeport, Connecticut -- unloaded.
5. Spector Local Delivery to United Nuclear Corporation dock, New Haven, Connecticut -- unloaded.

May 11, 1964

CERTIFICATE FOR NON-COMMINGLING
OF
SOURCE OR SPECIAL NUCLEAR MATERIAL

TO: United Nuclear Corporation
Route 21A
Hematite, Missouri

SUBJECT: United Nuclear Corporation Shipments of Source or Special
Nuclear Material such as Uranium Metal or Uranium Compounds

We, _____,
certify that United Nuclear Corporation shipments of source or
special nuclear material such as uranium or uranium compounds from
_____ to consignee _____
at _____
will comply with the following:

- (a) Will be transported to destination shown above with no
intermediate unloading or transshipment until final delivery
to consignee.
- (b) Will not be transported on the same vehicle with any other
source or special nuclear material such as uranium or uranium
compounds.
- (c) Will not be placed in any storage area *terminal or other* containing other source
or special nuclear material such as uranium or uranium compounds.

This certification applies from time of receipt of shipment until its
delivery to destination or another carrier.

and/or terminal
Carrier: _____

Authorized Representative: _____

Title: _____

Date: _____