

RECEIVED

UNION CARBIDE CORPORATION P.O. BOX 1029, GRAND JUNCTION, COLORADO 81502  
METALS DIVISION

TELEPHONE: (303) 245-3700

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U.S. NUCLEAR REG.  
COMMISSION  
MAIL SECTION

February 25, 1982

U. S. Nuclear Regulatory Commission  
Licensing Section  
Washington, D. C. 20555

Attention : Mr. V. Miller, Branch Chief

Subject: License No. SMB-933  
Control No. 07328

Gentlemen:

Correspondence pertaining to the subject license has been exchanged between your office and Union Carbide Corporation as a result of our License Renewal Application dated August 2, 1977 and the request from your office for information on our ultimate disposal plan for the residue.

In 1981, Union Carbide entered into an agreement to sell its Marietta, Ohio plant. It is the desire of the parties to that agreement that Union Carbide complete decontamination and decommissioning so that License No. SMB-933 can be terminated during this year and the plant can be returned to unrestricted use. We do not intend to request NRC's approval of the transfer of our License No. SMB-933 to the new owner.

We have commenced a decontamination and decommissioning program and we are now able to provide you with information concerning the ultimate disposal option with which we are proceeding. It is as follows:

Item 1: Ultimate Disposal Plan

Union Carbide has initiated a program to remove the residue from its storage site in Marietta, Ohio and transfer it to our Uravan, Colorado uranium mill for processing to recover the uranium values. The State of Colorado has approved our program for the importation of residue for processing under our Uravan Radioactive Materials License No. CO-SUA-673. Approximately twenty percent of the residue was safely shipped in 1981. The program has been temporarily halted during the winter. It will resume in May 1982 and be completed in 1982.

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containing isotope

We plan to remove the residue, containing about 1,000 pCi U-238/gm, and then to remove contaminated soil to a level of 35 average/50 maximum pCi U-238/gm. This level should meet acceptable solid decontamination levels as set out in a letter of August 6, 1980 to the Vistron Corporation which Mr. Paul Gwinn of your office submitted to us in April, 1981.

Arrangements are being made to ship any material resulting from building decontamination and any other contaminated debris to the Barnwell Disposal Site.

A comprehensive health physics program is being provided by an independent contractor, Chem-Nuclear Systems, Inc., at the Marietta site. A second contractor, ARIX Corporation of Grand Junction, Colorado, is providing this support at Uravan, Colorado.

Item 2: Radiation Safety and Environmental Control

The residue awaiting shipment from Marietta will continue to be stabilized in place with a plastic sheet covering to protect the surrounding area from air-borne contamination.

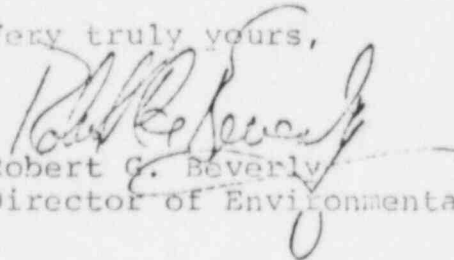
Item 3: Close-Out Radiological Survey

The process buildings have been decontaminated to meet the NRC November, 1976 Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for By-Product, Source, or Special Nuclear Material submitted to us by Mr. Gwinn in April, 1980.

A final release survey will be prepared by an independent health physics contractor in September, 1982 and forwarded to your office.

We believe that the decontamination and decommissioning program described above will meet NRC's delicensing requirements. If you have any comments on this program, we would appreciate your early reply.

Very truly yours,

  
Robert G. Beverly  
Director of Environmental Control

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CMD: -----

LICENSE

850619

DOCKET NO: 04007708

LICENSE NO: SMB-933-----

NAME: UNION CARBIDE CORP.-----

INSTITUTION CODE: 07506

STATUS: 1

LICENSE ISSUE DATE: 680320

ORIGINAL LICENSE DATE: -----

LICENSE REGION: 0

EXPIRATION DATE: 20111111

PRIMARY PROGRAM CODE: 11700

SECONDARY PROGRAM CODE: -----

PERSON TO CONTACT: NAME: -----

PHONE: -----

RADIATION SAFETY OFFICER: -----

AUTHORIZED AREA: 0

AUTHORIZED STATES: OH NY-----

000 000

CMD: -----

LMS APPLICATION FORM

850619

DOCKET NO: 04007708

LICENSE NO: SMB-933-----

FEDERAL GOV'T: N

INSTITUTION CODE: 07506

LICENSE REGION: 0 STATUS: 1

NAME: UNION CARBIDE CORP.-----  
DEPT/BUREAU: MINING AND METALS DIV.-----  
BUILDING: -----  
STREET: P. O. BOX 1029-----  
CITY: GRAND JUNCTION----- STATE: CO ZIP: 81502-----  
ATTN: -----

MAIL CONTROL NO: ----- RECEIPT DATE: 850619 ACTION TYPE: \_  
(YYMMDD)

PRIORITY PROCESSING FLAG: N

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1. Who has authority in case of delegation of 83 letter for Page
2. we have confirm survey & want to terminate.
3. Letter on place in Newport News.

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