



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

WV-0204
#78

RECEIVED

NOV 21 1986

MAINTENANCE DEPT

UNION CARBIDE CORPORATION

P. O. BOX 8004, SOUTH CHARLESTON, W. VA. 25303

Silicones and Urethane Intermediates

South Charleston Plant

November 18, 1986

Ms. Cheryl Wasserman
Acting Chief, Air Enforcement Branch
U. S. Environmental Protection Agency, Region III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

Dear Ms. Wasserman:

SUBJECT: Notice of Deficiency No. 83140025087
Received November 12, 1986

This letter responds to your Notice of Deficiency, dated November 7, 1986, relating to Union Carbide's asbestos renovation activities at its South Charleston Plant. At the outset, we wish to set the record straight concerning the requirement that Union Carbide provide prior notification of such activities. Attached hereto is a copy of the completed Asbestos Removal Notification form provided to the West Virginia Air Pollution Control Commission (WVAPCC). That agency's stamp shows their receipt on October 10, 1986, the day before the renovation activities commenced.

It is Union Carbide's understanding that the State of West Virginia received full delegation and enforcement responsibility for the National Emission Standards for Hazardous Air Pollutants: Subpart M-National Emission Standard for Asbestos (NESHAPs), as stated in the attached letter to J. L. Worstell from M. J. Bush of the WVAPCC dated August 8, 1986. The WVAPCC Asbestos Removal Notification form does state that a copy of such notice is to be sent to several other agencies, one of which is EPA. However, no time for delivery or receipt of these copies is set forth. Union Carbide posted these copies within a matter of days to the listed agencies.

Finally, on the issue of prior notification, EPA was made aware of this particular asbestos removal project by a telephone conversation between Dennis Hanshaw (UCC Engineer) and Steve Copeland (EPA Asbestos Coordinator) on October 9, 1986. Mr. Copeland was contacted in an effort to determine whether the subject project was a renovation or demolition. During this conversation, Mr. Copeland was given a description of the project which included the amount of friable asbestos material involved, the type and location of equipment involved, and the urgency of commencing the project on October 11, 1986 (because of the Unit's downtime and the availability of labor).

Ms. Cheryl Wasserman
Page 2

Your letter also states that Union Carbide failed to provide certain required information. We disagree. As indicated in the attached notice to the WVAPCC, information was provided both as to the procedure used and the location of the waste disposal site. The procedures we utilized are those set forth in 40 CFR §61.147, which are designed to prevent emissions of particulate asbestos to the air. All friable asbestos materials were thoroughly and adequately wetted during stripping. Such materials were then placed in properly labeled, leak-tight containers for disposal.

So far as location of the landfill: This was provided indirectly by reference to the RCRA ID number (WVD 005 005 509). Goff Mountain Landfill is located at the intersection of Goff Mountain Road and State Route 25 at Institute, WV 25112. It is well known to EPA.

Union Carbide contends, and the WVAPCC concurs, that all applicable notification requirements were satisfied. Accordingly, the subject Notice of Deficiency should be withdrawn. Please advise the undersigned regarding your decision in this matter.

Very truly yours,



J. L. Worstell

Environmental Protection Coordinator

RAM:cp
0036H

Attachments

CC: R. L. Weser - WVAPCC
D. H. Hanshew - UCC



WEST VIRGINIA
AIR POLLUTION CONTROL COMMISSION
1558 Washington Street, East
CHARLESTON, WEST VIRGINIA 25311
TELEPHONE: 348-2275 OR 348-3286

RECEIVED
OCT 10 1986
AIR POLLUTION
CONTROL COMMISSION

ASBESTOS REMOVAL NOTIFICATION

RENOVATION ☒ DEMOLITION ☐ DATE October 10, 1986

NAME OWNER/OPERATOR UNION CARBIDE CORPORATION

ADDRESS/PHONE Post Office Box 8004; South Charleston, WV 25303

PHONE # (304) 747-3169

NAME CONTRACTOR POWERHOUSE EQUIPMENT SERVICES

ADDRESS/PHONE Post Office Box 538; Winfield, West Virginia 25213

PHONE # (304) 757-2512

LOCATION OF FACILITY/ADDRESS 437 MacCorkle Avenue, South Charleston, WV

SCHEDULED STARTING AND COMPLETION DATES OF DEMOLITION OR RENOVATION:
STARTING 10-11-86 COMPLETION 10-11-86

IS FACILITY BEING DEMOLISHED UNDER AN ORDER OF A STATE OR LOCAL
GOVERNMENT AGENCY? (☒) NO (☐) YES

IF YES, WHAT AGENCY - INCLUDE NAME, TITLE AND AUTHORITY: _____

APPROXIMATE AMOUNT OF FRIABLE ASBESTOS CONTAINING MATERIAL(ACM):
500 ft² used to cover or coat any duct, boiler, tank, furnace, structural member, etc.
 linear ft on pipes
Estimation techniques of amounts of ACM at demolitions for quantities less than 260
linear ft and/or 160 ft²

DESCRIPTION OF FACILITY: Age + 40 Size
Prior Use No. 19 Batch Still

LOCATION OF ACM IN FACILITY AND METHODS OF PLANNED DEMOLITION OR
RENOVATION: The Still is physically located at the Mainland Chemicals Unit (across
from Bldg. 82). The still will be removed in sections, due to its size, and will have
the insulation (containing asbestos) removed east of Building 224.

UCC 006424

PROCEDURES TO BE USED TO COMPLY WITH SUBPART M - NATIONAL EMISSION
STANDARD FOR ASBESTOS (40 CFR): Procedures set forth in said regulation

(61.147) will be adhered to in order to prevent emissions of particulate Asbestos to
the air.

LAB TESTING BY: Not Applicable

ADDRESS/PHONE _____

NAME/LOCATION OF WASTE DISPOSAL SITE: GOFF MOUNTAIN LANDFILL

SITE APPROVED BY DNR: () NO (X) YES Permit # WVD 005 005 509

COMMENTS: _____

SIGNATURE: _____

J. L. Worstell

TITLE: _____

Environmental Protection Coordinator

In addition to the West Virginia Air Pollution Control Commission, a copy of this
notice must be sent to the following agencies:

U. S. Environmental Protection Agency
Region III (3AM22)
841 Chestnut building
Philadelphia, Pennsylvania 19107
Attn: Asbestos/NESHAP Coordinator

Solid Waste Office
Division of Water Resources
WV Department of Natural Resources
1260 Greenbrier Street
Charleston, West Virginia 25311
Attn: Asbestos Coordinator

Asbestos Control
WV Health Department
4877 Brenda Lane
Charleston, West Virginia 25312
Attn: Asbestos Coordinator



FAS

RECEIVED

11 1986

J. L. WORSTELL

WEST VIRGINIA
AIR POLLUTION CONTROL COMMISSION
1558 Washington Street, East
CHARLESTON, WEST VIRGINIA 25311
TELEPHONE: 348-2275 OR 348-3286

August 8, 1986

Mr. J. L. Worstell
Environmental Protection Coord.
Union Carbide Corp.
South Charleston Plant
P.O. Box 8004
South Charleston, WV 25303

Dear Mr. Worstell:

The West Virginia Air Pollution Control Commission (WVAPCC) enforces the National Emission Standard for Hazardous Air Pollutants: Subpart M - National Emissions Standard for Asbestos. Pertaining to asbestos demolition and renovation projects, § 61.146 of said regulation requires that a written notice of intention to demolish or renovate be provided. Such notices shall be delivered as follows:

- 1) At least 10 days before demolition begins, if such demolition involves friable asbestos materials in the amounts of at least 260 linear feet on pipes or at least 160 square feet on other facility components,
- 2) At least 20 days before demolition begins, if such demolition involves friable asbestos materials in the amounts of less than 260 linear feet on pipes and less than 160 square feet on other facility components,
- 3) At least 1 day before demolition begins, if such demolition is being conducted under order of a State or local government agency because of the danger of imminent collapse,
- 4) At least 1 day before renovation begins, if such renovation involves friable asbestos materials in the amounts of at least 260 linear feet on pipes or at least 160 square feet on other facility components,
- 5) At least 1 day before renovation begins, if such renovation involves friable asbestos materials in the amounts - such that the predicted additive amounts over a period of time (not to exceed one year) - are at least 260 linear feet on pipes or at least 160 square feet on other facility components.

UCC 006426

August 8, 1986
Page 2

Please find enclosed copies of the WVAPCC's Asbestos Removal Notification form. This form is to be used for all asbestos demolition and renovation projects, as described above, within the State of West Virginia.

Should you need additional copies of this form, either make photocopies or contact this agency. Should you have any questions, please contact Michael Bush at (304) 348-4022.

Sincerely,

A handwritten signature in cursive script, reading "Michael J. Bush".

Michael J. Bush
Engineer I, Compliance Division

MJB/taa

Enclosures



WEST VIRGINIA
AIR POLLUTION CONTROL COMMISSION
1558 Washington Street, East
CHARLESTON, WEST VIRGINIA 25311
TELEPHONE: 348-2275 OR 348-3286

ASBESTOS REMOVAL NOTIFICATION

RENOVATION _____ DEMOLITION _____ DATE _____

NAME OWNER/OPERATOR _____

ADDRESS/PHONE _____

PHONE # () _____

NAME CONTRACTOR _____

ADDRESS/PHONE _____

PHONE # () _____

LOCATION OF FACILITY/ADDRESS _____

SCHEDULED STARTING AND COMPLETION DATES OF DEMOLITION OR RENOVATION:
STARTING _____ COMPLETION _____

IS FACILITY BEING DEMOLISHED UNDER AN ORDER OF A STATE OR LOCAL
GOVERNMENT AGENCY? () NO () YES

IF YES, WHAT AGENCY - INCLUDE NAME, TITLE AND AUTHORITY: _____

APPROXIMATE AMOUNT OF FRIABLE ASBESTOS CONTAINING MATERIAL(ACM):
_____ ft² used to cover or coat any duct, boiler, tank, furnace, structural member, etc.
_____ linear ft on pipes
Estimation techniques of amounts of ACM at demolitions for quantities less than 260
linear ft and/or 160 ft² _____

DESCRIPTION OF FACILITY: Age _____ Size _____
Prior Use _____

LOCATION OF ACM IN FACILITY AND METHODS OF PLANNED DEMOLITION OR
RENOVATION: _____

PROCEDURES TO BE USED TO COMPLY WITH SUBPART M - NATIONAL EMISSION
STANDARD FOR ASBESTOS (40 CFR):

LAB TESTING BY:

ADDRESS/PHONE

NAME/LOCATION OF WASTE DISPOSAL SITE:

SITE APPROVED BY DNR: () NO () YES Permit =

COMMENTS:

SIGNATURE:

TITLE:

In addition to the West Virginia Air Pollution Control Commission, a copy of this
notice must be sent to the following agencies:

U. S. Environmental Protection Agency
Region III (3AM22)
841 Chestnut building
Philadelphia, Pennsylvania 19107
Attn: Asbestos/NESHAP Coordinator

Solid Waste Office
Division of Water Resources
WV Department of Natural Resources
1260 Greenbrier Street
Charleston, West Virginia 25311
Attn: Asbestos Coordinator

Asbestos Control
WV Health Department
4877 Brenda Lane
Charleston, West Virginia 25312
Attn: Asbestos Coordinator



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III

841 Chestnut Building
Philadelphia, Pennsylvania 19107

RECEIVED

NOV 12 1986

EPD

NOV 7 1986

Mr. D.H. Hanshew
Union Carbide Corporation
P.O. Box 8004
South Charleston, WV 25303

NOTICE OF DEFICIENCY: #831410025087

Deficiency in Notice to EPA of Asbestos Demolition or
Renovation Operation

Dear Mr. Hanshew:

This is to inform you that the notice of asbestos renovation postmarked October 14, 1986, for the Number 19 Batch Still at Mainland Chemicals Unit which was submitted to the United States Environmental Protection Agency (EPA) was incomplete. Therefore, Union Carbide Corporation has failed to comply with the requirements of 40 C.F.R. § 61.146, and of Section 112 of the Clean Air Act as amended (the Act), 42 U.S.C. § 7412.

Pursuant to Section 112 of the Act, EPA promulgated regulations, known as the National Emission Standards for Hazardous Air Pollutants (NESHAP) for several hazardous air pollutants, including asbestos. The NESHAP for asbestos are contained in the Code of Federal Regulations, Title 40, Part 61, Subpart M (40 C.F.R. §§ 61.140-156). The regulations require that the owner or operator (including a contractor) of a building or facility notify EPA of plans to demolish or renovate a building containing friable asbestos material. The type and extent of information required depends upon the amount of asbestos which is to be removed. The information you are required to submit may be determined by referring to 40 C.F.R. §§ 61.145 and 61.146. The regulations also require the notice to be postmarked or delivered to the Regional Office of EPA within a specified time before the work begins.

The notice Union Carbide Corporation submitted to EPA failed to include the following required information:

- . procedures being used to remove the asbestos-containing material.
- . location of waste disposal site.

Also, the notice Union Carbide Corporation submitted to EPA was deficient because it failed to provide the EPA with a notification prior to commencement of the asbestos operation as required by 40 C.F.R. § 61.146(b)(4). The scheduled starting date of the removal was stated as October 11, 1986. However, the notification was postmarked October 14, 1986.

Please submit this information to this office within three (3) days of your receipt of this letter.

Failure to comply with the asbestos NESHAP regulations could result in the issuance of an Order requiring compliance with the requirements, or the initiation of a civil action pursuant to Section 113(b) of the Act. Such an action can result in a civil penalty of up to \$25,000.00 per day of violation.

In addition, pursuant to Section 113(c)(1)(C), any person who knowingly violates the provisions of Section 112(c), which pertains to violation of certain provisions of NESHAP, is subject to fines of up to \$25,000.00 per day of violation, or by imprisonment for not more than one year, or both.

If you have any questions concerning this notice, please contact Carol A. Febbo, Air Enforcement Branch, at (215) 597-9325.

Sincerely,



Cheryl Wasserman, Acting Chief
Air Enforcement Branch

cc: Michael Bush
West Virginia Air Pollution
Control Commission

