

10-1856

MAY 22 1959

Trace Elements Corporation
A Unit of Union Carbide Corporation
30 East 12nd Street
New York 17, New York

Attention: Mr. W. D. Smith
Manager Industrial Relations

Gentlemen:

Based upon information obtained by the Commission during inspection of your mill at Maybell, Colorado, it appears that it is being operated in violation of the Commission's regulation, "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations, and the terms and conditions of Source Material License No. R-212, in that your company has:

1. Failed to conduct adequate surveys in mill areas which are occupied by employees to determine the concentrations of airborne radioactivity in violation of Section 20.201(b).
2. Failed to post entrances to the mill conspicuously as required by your license, dated October 16, 1958.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the regulations in Parts 2, 20 and 10, Title 10, Code of Federal Regulations, you are hereby ordered to submit no later than July 1, 1959 to the Commission in writing a full and complete statement of the steps which will be taken in order to bring the operation of your mill into compliance with the Commission's regulations.

REGISTERED MAIL

9810190242 590522
PDR ADOCK 040*****
C PDR

OFFICE ▶

SURNAME ▶

DATE ▶

MAY 22 1959

- 2 -

The information you submit to us should include:

1. A detailed description of your survey program, including sampling procedures, frequency of surveys, and methods of analysis to demonstrate compliance with 10 CFR 20.
2. Where your survey data indicate the need for corrective action to achieve compliance with 10 CFR 20, the steps you will take to achieve such compliance including:
 - (a) additions or modifications to present facilities and equipment to reduce dust loadings in the air;
 - (b) action to clean up radioactive material on floors, equipment and other surfaces in areas of the mill in which employees are routinely working; and
 - (c) control measures which will be followed to assure that individuals are not exposed to airborne concentrations of radioactive material in excess of those specified in Section 20.101, 10 CFR 20. (Such measures may include the use of respiratory equipment and/or limitation on work periods in areas where airborne radioactivity exists and instructions to personnel.)
3. Measures you will take to achieve compliance with the posting requirements of your license.
4. A time schedule which specifies the dates when each phase of the actions you propose to take to achieve compliance with 10 CFR 20 and license conditions will be completed.

OFFICE ▶					
SURNAME ▶					
DATE ▶					

Trace Elements Corporation

MAY 22 1959

- 3 -

You may request a formal hearing with respect to this order, or any part thereof, by filing a written request for hearing with the Office of the Secretary, United States Atomic Energy Commission, Washington 25, D. C., within fifteen days after the date of this order. Filing of a written request for hearing may also be accomplished in person either in the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., or the Office of the Secretary, Germantown, Maryland.

Pursuant to Section 2.202(b) of the Commission's "Rules of Practice," 10 CFR 2, a timely filing of a request for formal hearing with respect to this order or any part thereof, shall stay the order, or such part of the order, pending determination of the issues by the Commission.

FOR THE ATOMIC ENERGY COMMISSION

H. L. Price, Director
Division of Licensing and Regulation

Enclosures:

1. 10 CFR Part 2
2. 10 CFR Part 20
3. 10 CFR Part 60

CC: Mr. J. F. Brenton
Manager of Plants
Union Carbide Nuclear Company
Grand Junction, Colorado

CC: Division of Inspection, Hdqrs.
Division of Inspection, IOO
W. B. Carlson, GJ00
Ernest C. Van Blarcom, Raw Materials
OGC (2)
Public Document Room

DLR:RSB

Cunningham:hkm

LR:Rogers

5/21/59

OFFICE ▶	DLR:LB	OGC		DLR	DLE	DLR
SURNAME ▶	LJohnson			EPrice	RLKirk	HLPrice
DATE ▶						

10-1856

Trace Elements Corporation
A Unit of Union Carbide Corporation
30 East 42nd Street
New York 17, New York

Attention: Mr. W. D. Smith, Manager
Industrial Relations

Gentlemen:

Based upon information obtained by the Commission during inspection of your mill at Maybell, Colorado, it appears that it is being operated in violation of the Commission's regulation, "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations, and the terms and conditions of Source Material License No. R-212, in that your company has:

1. Failed to conduct adequate surveys in mill areas which are occupied by employees to determine the concentrations of airborne radioactivity in violation of Section 20.201(b).
2. Failed to post entrances to the mill conspicuously as required by your license, dated October 16, 1958.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the regulations in Parts 2, 20 and 40, Title 10, Code of Federal Regulations, you are hereby ordered to submit no later than June 15, 1959 to the Commission in writing a full and complete statement of the steps which will be taken in order to bring the operation of your mill into compliance with the Commission's regulations.

REGISTERED MAIL

OFFICE ▶					
SURNAME ▶					
DATE ▶					

Tress Elements Corporation

- 2 -

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3. A time schedule which specifies the dates when each phase of the actions you propose to take to achieve compliance with 10 CFR 20 and license conditions will be completed.

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Very truly yours,

cc: Division of Inspection, Hdqrs.
Division of Inspection, IOO
W. B. Carlson, GJO
Ernest C. Van Blarcom, Raw Materials
Public Document Room

H. I. Price, Director
Division of Licensing
and Regulation

Enclosures:

1. 10 CFR Part 2
2. 10 CFR Part 20
3. 10 CFR Part 40

DLR:RSB
Cunningham:hkm
LRogers

cc: Mr. J. F. Brenton
Manager of Plants
Union Carbide Nuclear Company
Grand Junction, Colorado

5/15/59

OFFICE ▶	DLR:LB	OGC		DLR	DLR	DLR
SURNAME ▶	LJohnson			EPrice	FLKirk	HLPrice
DATE ▶						

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30 East 42nd Street
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Very truly yours,

H. L. Price, Director
Division of Licensing
and Regulation

Enclosures:

1. 10 CFR Part 2
2. 10 CFR Part 20
3. 10 CFR Part 40

cc: Inspection Divn., Wash.
Inspection Divn., IOO
Public Document Room
W. B. Carlson, GJOO
Ernest C. Van Blarcom, Raw Materials

cc: Mr. J. P. Brenton
Manager of Plants
Union Carbide Nuclear Company
Grand Junction, Colorado

DLR:RSB
Cunningham:hkm
LRRogers
5/13/59

OFFICE ▶	DLR:LB	OGC		DLR	DLR	DLR
SURNAME ▶	LJohnson	TBC	INS	EPrice	HLKirk	HLPrice
DATE ▶	5/13	5/13/59				

RETURN RECEIPT TO R. E. CUNNINGHAM, ROOM C-169

FORM WA-47
(Rev. 5-50)

ATOMIC ENERGY COMMISSION

MAIL REGISTRY REQUEST

REQUESTING OFFICE Radiation Safety Branch
Divn. of Licensing & Regulation

ROOM NO. BUILDING
C-169

DO NOT USE THIS BLOCK

DOCUMENT CLASSIFICATION (IF UNCLASSIFIED, SO STATE)
Uncl.

REGISTRY NUMBER

DATE MAILED

MAIL ADDRESSED TO Trace Elements Corp.
30 East 42nd St., New York, N. Y.
Attn: Mr. Wm. M. Smart

0989

JUL 24 1959

DATE
July 23, 1959

INSTRUCTIONS

Requesting Office:

Prepare WA-47 (original only) for each item of mail to be registered. Securely attach to mail; enclose in chain envelope addressed to the mail and messenger center and forward.

Mail and Messenger Center:

Will register item of mail; complete this portion of form by entering registry number and the date of mailing and return this form to the requesting office.

16-61775-1 GPO

RETURN RECEIPT TO R.E.CUNNINGHAM, ROOM C-169

FORM WA-47
(Rev. 5-50)

ATOMIC ENERGY COMMISSION

MAIL REGISTRY REQUEST

REQUESTING OFFICE Radiation Safety Branch
Divn. of Licensing & Regulation

ROOM NO. BUILDING
C-169

DO NOT USE THIS BLOCK

DOCUMENT CLASSIFICATION (IF UNCLASSIFIED, SO STATE)
Uncl.

REGISTRY NUMBER

DATE MAILED

MAIL ADDRESSED TO Trace Elements Corp.
30 East 42nd St., New York 17, N.Y.
Attn: Mr. W. D. Smith, Mgr.

1A- 6184

MAY 25 1959

DATE
5/13/59

INSTRUCTIONS

Requesting Office:

Prepare WA-47 (original only) for each item of mail to be registered. Securely attach to mail; enclose in chain envelope addressed to the mail and messenger center and forward.

Mail and Messenger Center:

Will register item of mail; complete this portion of form by entering registry number and the date of mailing and return this form to the requesting office.

16-61775-1 GPO

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver **ONLY** to addressee ☐ Show address where delivered
 (Additional charges required for these services)

RETURN RECEIPT
 Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

SIGNATURE OF ADDRESSEE'S AGENT (must always be filled in)

DATE DELIVERED 7/27/59

ADDRESS WHERE DELIVERED (only if required in item #1)
30 EAST 42ND STREET, NEW YORK 17, N. Y.

CS-16-71548-4 GPO

POST OFFICE DEPARTMENT
 OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
 PAYMENT OF POSTAGE \$300

NEW YORK, N. Y. JUL 27 3-PM

GRAND CENTRAL STATION

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moistened gummed ends and attach to back of article. Prior on front of article RETURN RECEIPT REQUESTED.

REGISTERED NO. 7-0989

CERTIFIED NO.

INSURED NO.

NAME OF SENDER E. Cunningham, C-169

ATOMIC ENERGY COMMISSION

STREET AND NO. OR P. O. BOX
WASHINGTON 25, D. C.

CITY, ZONE AND STATE

RETURN TO

POD Form 3811 Jan. 1958

CS-16-71548-4

POST OFFICE DEPARTMENT
 OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
 PAYMENT OF POSTAGE \$300

NEW YORK, N. Y. MAY 26 3-PM

GRAND CENTRAL STATION

REGISTERED NO. 7-0989

CERTIFIED NO.

INSURED NO.

NAME OF SENDER E. Cunningham, C-169

Atomic Energy Commission

STREET AND NO. OR P. O. BOX
Washington 25, D. C.

POST OFFICE

STATE

RETURN TO →

POD Form 3811 Apr. 1955

DELIVERING EMPLOYEE ☐ Deliver **ONLY** to addressee.
☐ Show address where delivered.

Received from the postmaster the registered, certified, or insured article, the number of which appears on the face of this return receipt.

30 EAST 42ND STREET, NEW YORK 17, N. Y.
 (Signature or name of addressee)

J. E. Cunningham
 (Signature of addressee's agent. Agent should enter addressee's name on line ONE above)

Date of Delivery 7/27/59

U. S. GOVERNMENT PRINTING OFFICE : 1955 16-71548-1