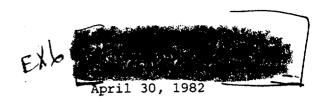
COPYRIGHTED DOCUMENT ADDRESSED UNDER FOIA/PA

For hard copy, refer to PDR Folder:

FOIA/PA Requester Name Response Da Record(s):	#3 response	



Gentlemen:

The enclosed newspaper articles are submitted to all listed in the hope that the ultimate responsible party will take immediate action to remove the potential killer from my neighborhood.

The article states that a survey will be taken in order to determine the degree of radiation and that the results will not be available for four to six months. This statement is completely unacceptable since all would agree that the bureaucratic red-tape would be cut and the level of urgency would be intensified one hundred fold if this radioactive waste was uncovered in the New Jersey State Capital or on the White House lawn. Admittedly, my concern is self-serving; however, the lives and safety of my family is of paramount importance second to no one.

I demand that this life threatening radioactive material be removed from my neighborhood immediately.

or evening Please call me during the day advising me of the date of removal of this radioactive material.

Sincerely.



Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6, Copyright ITEM # FOIA- 2000-0101

TO GFR 2.790 INFORMATION

Docket No. 40-00086

MAY 1 8 1982

License No. STA-422



Subject: Well Water Analysis

This is to inform you that our analysis of the sample of well water, taken from your home by Ms. M. Campbell of this office on April 12, 1982, showed that the water met the drinking water standards set by the U. S. Environmental Protection Agency for radioactive materials.

If you have any questions regarding this result, please call Ms. Campbell or myself (215) 337-5000).

Sincerely,

ي والمستعمد المستعدد المستعدد

John D. Kinneman, Chief Materials Radiological Protection Section

bcc:

Region I Docket Room (with concurrences)

Incommandor in this record was descret in accordance with the Freedom of Information Act, exemptions

FOIA- 2070-0.01

OFFICE KWWETP

SURNALS Campbell/wb Kinneman

DITE 5/12/82

OFFICIAL RECORD COPY

NRC FORM 318 (10-80) NRCM 0240

Docket No. 40:00086

License No.



CAL

Your letter dated April 12, 1985 requested additional Forms AEC 4 for the Rare Earths and W. R. Grace, Davison Chemical Division at Black Oak Ridge Road, Wayne, New Jersey. Attached are copies of all the Forms AEC 4 in the relavant files. I believe you have these, but this seems the easiest way to be sure. In addition, I have enclosed other forms with similar information. Some of these are in very poor condition, and these are the best copies we could make.

If I can be of additional assistance do not hesitate to contact me.

Sincerely,

original signal by.

John D. Kinneman, Chief Nuclear Materials Safety Section A

bcc: J. Kinneman, RI

RI:DRSS Rinneman 5/_V /85

RI:RC Guzierrez

OFFICIAL RECORD COPY

in accordance with the Freedom of Information
Act, exemptions 6

FOIA-

E/10

ITEM # ________

Dear Mr. Bradley

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Road in Wayne buried approximately 20,000 Pounds of Radioactive

Thorium. This thorium, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, thorium has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

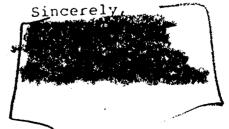
am extremely concerned about this situation. The thorium which is buried here poses a potential health hazard to the people who reside in this township, as well as possibly detracting from the desirability of our property.

Radioactive waste does not belong in a residential area such as Wayne. I urge you to assist our community in facilitating the removal of thorium from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

ITEM # ____//



EX6

Information in this record was deleted ITEM # ______ In accordance with the Freedom of Information Act, exemptions 6 Dead Senter Bridley, I am a word of Wayn ny and am which have unevery a pridemant see in the which we finder has gut been rande aware of veerly Belown 1947-1974, intention located when block once thelps Rock wayne been Officeristily 30,000 founds of rudeo active thorison, The thousands theleone turn for lowers. federal has peen detected in the area by the modern Regulating Commence on amount of 10 10 95 times higher than normal levels. Justimore thornin has also been directed along the parks of the sheffeld Block. Or a parent & homeowner of Wayse 11) I am whinely commed about this setulian The thorum wheen is hered here prosessa heigh bound to the people who the here Redesaited write does not below in perdented area. I wise you to a sist our commency of feel the removal of thorium from ordered to green the services you in advence for your left 200 9 June

17EM#_13 EX

L June 1, 1982

Sincerely

Dear Scravor Bradley,

I am a resident of Wayne, and am writing & you concerning a problem in this township which the Jourblic has just been made aware.

Between 1947 and 1974, industries located approximately 20,000 pounds of radioactive thorum.

This thrown, once consciend safely coursed, has now been a rance for correr. Padiation has been detected in this area by the Nuclear Regulatory Commission in amounts ten to twenty five times higher than pointed levels. Furthermore, thorium has been detected along he banks of Sheffield Brook which runs along her field Prook which runs along herfield Prook which runs

as a parent and homeowner of Wayne, I am . extremely concerned about this sixuation. The thorium which is buried here gooses a health Lagard &

the people who reside in this township.

This raction with waste does not belong in a residential community such as Wayne. I may you to assist our town in the removal of this thorium. Thank you in accordance with the Tenant of the personal of this thorium.

in accordance with the Freedom of Information

Act, exemptions 6 FOIA- 2000-0101



June 1, 1982

Senator William Bradley 104 Midland Avenue Garfield, New Jersey 07026

Dear Senator:

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne-buried approximately 20,000 pounds of radioactive thorium. This thorium, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Neculear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, thorium has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

As a (parent) (homeowner) (resident) of Wayne, New Jersey, I am extremely concerned about this situation. The torium which is buried here poses a potential health hazard to the people who reside in this township, as well as possibly detracting from the desirability of our property.

Radioactive waste does not belong in a residential area such as Wayne. I urge you to assist our community in facilitating the removal of thorium from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

ITEM# 14

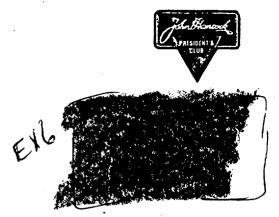


Senator William Bradley 104 Midland avenue Larfield, New Jersey 07026 Dedr Sir: Jam a recident of Wayne, New Jersey and am writing to you concerning a problem in this township which the public has been recently made aware! approximately 20,000 pounds of radioactive thorum has been buried in the Black Oak Ridge aria in Wayne Radiaction has been detected by the Nuclear Regulatory Commission and a new EXL homeowner fam extremely concerned about this situation. Will plave a healthy child? Will our 150,000 + house go down in value? Will our and water become contaminated. Alease Aush Someone in Washington D.C. to react to our Alea to remove this radiactive metal Thank you. Information in this record was deleted in accordance with the Freedom of Information Act, exemptions _ ITEM #

4/4/62

John Huncock Mutual Life Insurance Company

Senator William Bradley 104 Midland Avenue Garfield, New Jersey 07026



June 3, 1982

Dear Senator Bradley;

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne buried approximately 20,000 pounds of radioactive thorium. This thorium, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, thorium has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

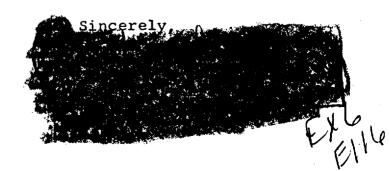
As a (parent), (homeowner), (resident) of Wayne, New Jersey, I am extremely concerned about this situation. The thorium which is buried here poses a potential health hazard to the people who reside in this township, as well as possibly detracting from the desirability of our property.

Radioactive waste does not belong in a residential area such as Wayne. I urge you to assist our community in facilitating the removal of thorium from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions

FOIA- 0000 -0101



6/4/82 Desp

June 3, 1982

Senator William Bradley 104 Midland Ave. Garfield, New Jersey 07026

Dear Senator Bradley:

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne buried approximately 20,000 pounds of radioactive THORIUM. This THORIUM, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, THORIUM has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

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Radioactive waste does not belong in a residential area such as Wayne. I urge you to-assist our community in facilitating the removal of THORIUM from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.

Sincerely.	
	eth

Information in this record was dereied in accordance with the Freedom of Information Act, exemptions 6

FOIA- 9000 - 0000

REFACTION



E16

The President The White House 1600 Pennsylvania Avenue Washington, DC 20006

Dear Mr. President:

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne buried approximately 20,000 pounds of radioactive thorium. This thorium, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, thorium has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

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Radioactive waste does not belong in a residential area such as Wayne. I urge you to assist our community in facilitating the removal of thorium from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.



ITEM #

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in accordance with the Freedom of Information Act, exemptions C.S. Na cooperate ITEM #



UNITED STATES NUCLEAR REGULATORY COMMISSION

REGION I 631 PARK AVENUE

KING OF PRUSSIA, PENNSYLVANIA 19406

8 JUN 1982

Docket No. 40-00086

License No. STA-422



EXb

Subject: Measurements of Radioactivity and Radiation Levels at Farm View Stand

This refers to the measurements of radiation levels and samples of water and soil taken by Ms. M. Campbell of this office on April 28, 1982. As discussed with you during our visit, no radiation levels above background were measured in the areas used by Farm View Stand for raising produce. The sample of soil taken by Ms. Campbell was analyzed in the USNRC Region I Laboratory using an intrinsic germanium detector coupled to a multichannel analyzer. This analysis showed no concentrations of radioactive materials above background levels. The samples of water from your four water supplies were analyzed by Oak Ridge Associated Universities in their laboratories in Oak Ridge, Tennessee. The analyses showed that all of the samples of water taken met standards set by the U.S. Environmental Protection Agency for radioactive materials in drinking water. From these analyses, we conclude that the produce grown at your farm will not contain radioactive material in excess of normal background levels.

If you have additional questions, please contact Ms. Campbell or myself at (215) 337-5252.

Sincerely,

to John D. Kinneman, Chief

Kences (Sen, c

Materials Program Section No. 1

cc:

Public Document Room (PDR) Nuclear Safety Information Center (NSIC) State of New Jersey

Township of Wayne ATTN: The Honorable Walter Jasinski, Mayor 475 Valley Road Wayne, New Jersey 07470

Township of Wayne ATTN: Mr. Arthur Bartolozzi, Health Director 475 Valley Road Wayne, New Jersey 07470

E120 ITEM# 21

bcc:

Region I Docket Room (with concurrences)

F. Combs OCA W. Crow, NMSS

K. Abraham, RI

Campbell/ntm 6/8/82

Kinneman

OFFICIAL RECORD COPY

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PRINCIPAL CORRESPONDENCE CONTROL

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FOIA- 3000-0101

ITEM # _ 22

Elsy

ILL PRADLEY HEW MAN

Minited States Benate

WASHINGTON, D.C. 20110

June 14, 1982

SHERRY AND NATURAL RESOURCES

DOMESTICE ON

TO: Carlton Kammerer, Director Office of Congressional Affairs Nuclear Regulatory Commission 1717 H Street, NW Washington, D.C. 20555



I forward the attached for your consideration and would appreciate receiving information in regard to this inquiry as soon as possible. Please direct your reply to the attention of the member of my staff listed below.

Thank you very much for your time and assistance in this matter.

Sincerely,

Bill Bradley United States Senator

please direct reply to:

Senator Bill Bradley Post Office Box 1720 Union, New Jersey 07083

Attention: D. F. Marco

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R. Heynes, Reg. I Pg. 1 of 5

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NRC FORM 232 (11-75) EXECUTIVE DIRECTOR FOR OPERATIONS

PRINCIPAL CORRESPONDENCE CONTROL

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245

Altrited States Serrate WASHINGTON, D.C. 20010

June 14, 1982

Nuclear Regulatory Commission Congressional Relations 1717 H Street, N.W. Washington, D.C. 20505

Dear Director:

I am enclosing a copy of a letter I have received from of West Paterson, New Jersey.

Please provide any information you might have regarding this issue in order that I might be able to respond to my constituent's inquiry. Please return the enclosed correspondence with your report.

With all good wishes,

Sincerely,

Nichelas F. Brady United States Senator

NFB/wj Enclosure

1997 JUN -7 MI 10: 16

June 3, 1982

Senator Nicholas Brady U.S. Senate Wash., D.C. 20510

Hon. Nicholas Brady:

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne buried approximately 20,000 pounds of radioactive thorium. This thorium, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Comm. in amounts of ten to twenty-five times higher than normal levels. Furthermore, thorium has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

As a parent, and former resident of Wayne, New Jersey, I am extremely concerned about this situation.

Radioactive waste does not belong in a residential area such as Wayne. It urge you to assist our community in facilitating the removal of thorium from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.



Ultrited States Bereate

445

June 14, 1982

Nuclear Regulatory Commission Congressional Relations 1717 H Street, N.W. Washington, D.C. 20505

Dear Director:

I am enclosing a copy of a letter I have received from Township, New ' Eylo

Please provide any information you might have regarding this issue in order that I might be able to respond to my constituent's inquiry. Please return the enclosed correspondence with your report.

With all good wishes,

7Sincerely,

Nichelas F. Brady United States Senator

NFB/wj Enclosure C 281 -7 W 11: 24

June 3, 1982

Senator Nicholas Brady United States Senate Washington, DC 20510

Dear Senator Brady:

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne buried approximately 20,000 pounds of radioactive THORIUM. This THORIUM, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, THORIUM has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

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Radioactive waste does not belong in a residential area such as Wayne. I urge you to assist our community in facilitating the removal of THORIUM from this site.

Thanking you in advance for your interest and cooperation in expedition this matter.



& to

1 JUL 1982

Docket No. 40-00086

License No. STA-422



Eth

Dear

Subject: Radiation Surveys of the W. R. Grace and Company Property in Wayne, New Jersey

The Nuclear Regulatory Commission is reviewing the status of a number of manufacturing facilities around the country which were formerly licensed by the Atomic Energy Commission (AEC). As you may know, a number of the facilities in northern New Jersey which used radioactive material in the 1940's and 1950's were later found to have residual onsite and/or offsite contamination. One of the facilities which was licensed by the AEC was Rare Earths, Incorporated, located at 868 Black Oak Ridge Road in Wayne, New Jersey. This company was licensed to extract thorium, a naturally-occuring radioactive material, from monazite sand. In 1957 these activities were taken over by the Davison Chemical Division of W. R. Grace and Company. A summary of the historical background of this facility is enclosed for your information.

Our preliminary surveys of the W. R. Grace and Company property have found radiation levels in excess of current criteria for release for unrestricted use. Although these radiation levels do not pose any immediate hazard to the health and safety of individuals living near or frequenting the areas around the property, additional surveys and evaluations seem appropriate. The results of these surveys will be used to determine if additional actions are required.

We have arranged for an NRC contractor, Oak Ridge Associated Universities (ORAU), to perform additional surveys on the W. R. Grace and Company property. These surveys will involve walking across the ground to measure surface radiation levels, and collecting surface and subsurface soil samples. The subsurface soil samples will be collected using a truck-mounted drill which makes a 6" to 10" diameter hole, which afterward will be filled in.

Your property on Black Oak Ridge Road is immediately adjacent to the W. R. Grace and Company property. We request your permission to have the contractor, ORAU, perform radiological surveys of the type described in this letter on your property, along the border next to the W. R. Grace and Company. The surveys will probably be performed during July, depending on the weather and scheduling of other work. Please sign the enclosed permission form and return it in the enclosed envelope.

If you have questions, you may call this office collect, and speak to Ms. Myu Campbell (215-337-5246) or Mr. John Kinneman (215-337-5252). Information in this record was deleted

in accordance with the Freedom of Information

OFFICIAL RECORD COPY

Act, exemptions

OOO-0101

ITFM #

10 CFR 2. 790 THEORNATION

Els



2 1 JUL 1982

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:

Ronald C. Haynes Regional Administrator

Enclosures:

1. Permission Form

2. Historical Background

3. Return Envelope

Campbell/wb 6/23/82

Kinneman

PERMISSION

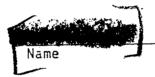
I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated which is which transmitted this form. My restrictions on this permission are listed below.

Property Description:

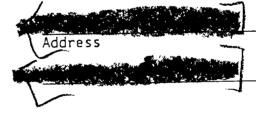
Property located at

EX6

Restrictions:



Signature by owner(s) of property or authorized representative



Telephone

OCFR 2.790 INFORMATION



I have been asked to respond to your letter to President Reagan regarding radioactive residues which were buried in Wayne, New Jersey.

The U.S. Nuclear Regulatory Commission and the Department of Energy have been working with the New Jersey Bureau of Radiation Protection to identify all affected areas and determine what actions to take. To my knowledge, no deaths or illnesses have been associated with the burial of these residues, which are thorium tailings, not the pure metal.

I have enclosed some information for you. However, if you wish to have additional information, I suggest you write to the following address:

New Jersey Bureau of Radiation Protection 380 Scotch Road Trenton, New Jersey 08628

Your interest in our environment is greatly appreciated.

Sincerely yours,

Joyce Feldman
Regional Radiation Representative

encl.

bcc: J. Eng, NJ BRP w/letter

Information in this record was deleted in accordance with the Freedom of Information Act, 6 a uptions 6

E124

ITEM # __26___

* 2 AUG 19a

Docket No. 40-00086

License No. STA-422



Subject: Testing of Well Water

One of our inspectors, Dr. Laurence F. Friedman will be in your area on Wednesday afternoon, August 4, 1982. If you can arrange to meet him, please call him Tuesday evening, August 3, 1982, at the Holiday Inn, Kenilworth, New Jersey (201) 241-4100, to make arrangements.

If this is not convenient, call me collect at (215) 337-5252, to make alternate arrangements. Since you have an unpublished phone number, please indicate in any contacts how we can reach you.

Sincerely,

John D. Kinneman, Chief Materials Program Section No. 1

cc: Public Document Room (PDR) Nuclear Safety Information Center (NSIC) State of New Jersey

bcc: Region I Docket Room (w/concurrences)

> Information in this record was deleted in accordance with the Freedom of Information Act. exemptions 6 FUIA- 2010-0101

ITEM # 28

OFFICE	PI DEIP	EL: DEIP	 			
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DATE 🌶	77.2-/ 82	.\$7.24.82	 	***************************************		

PUBLIC WORKS AND TRANSPORTATION COMMITTEE

SERVINGE TRACE.

WEONOMIC DEVELOPMENT PROCESTICATIONS AND OVERSIGHT

SCIENCE AND TECHNOLOGY

SUNCOMMITTEER

BHERGY RESEARCH AND PRODUCTION BHERGY DEVELOPMENT AND APPLICATIONS



Congress of the United States

House of Representatives

Washington, D.C. 20515

August 11, 1982

PLAYMANN HOUSE COPPOR MALESON 202-229-0781

DISTRICT OFFICES

100 HAMILTON PLEZA STRUCE 1402. Box 25 PAYGREON, NEW JEMBRY \$0508 201-823-5182

150 Boomen Head Water, New Jensey 97476 201-000-2077

Honorable Nuncio J. Palladino Chairman Nuclear Regulatory Commission 1717 H Street, N.W. Washington, D.C. 20555

Dear Mr. Chairman:

As part of the Commission's investigation into radiation levels at the W.R. Grace property in Wayne, New Jersey, I would appreciate a comprehensive response to the enclosed letters from Ms. Karen Lieberman and Ms. Gail Van Dyken, representatives of the Concerned Citizens Committee.

Now that the preliminary testing has been completed some of their questions seem particularly appropriate.

Your swift cooperation is appreciated.

With all good wishes.

Robert A. Roe Member of Congress

Sincerel

ITEM # ____30

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Act, exemptions 6 FOIA- Elso





July 14, 1982

The Honorable Robert A. Roe Member of Congress House of Representatives Washington, D.C. 20515

Dear Representative Roe,

in our letter of July 2, 1982, reference was made to a followup list of concerns to be initially explored or investigated in further depth. Below is a listing of those items:

- (1) Release to our committee, report prepared by NRC Docket # PNO-I-81-128
 Subject: W.R. Grace & Co. Redicactive Waste Dumb Update
- (2) Re-evaluation of water sources in Wayne.
 - (a). Since water acts as a protective shield for radium, the aerial survey (May '81) could not have detected its presence, therefore:
 - (b) NRC must take test samples of water and sediment from Sheffield Brook, Pompton River and water supplies for Mucha's Farm, Black Cak Ridge Road
- (3) Since Radon Gas is always present where Rasium exists the NRC must test for the presence of this gas.
- (4) Subsequent to the completion and review of initial test results by ORAU, a medical assessment committee must determine the present and long term effects of exposure to this radioactive material on the health of township residents; especially the children.
- (5) Please identify the methods of assessment and instrumentation employed by N.R.C. for detection of radioactive contamination.

- (6) What is the present usage (and by whom) of the former Nike Base on Alps Hoad?
- (7) Investigation and report regarding present activities (Indentified only as "classified government work") bing performed by ENI on location 865 Black Oak Ridge Road.
- (8) Inquiry into activities of W.R. Grace & Co. Chattanogna, Tennessee; Co. (reportedly owns the largest industrial stockpile of thorium in U.S.) What are the present and future plans for utilization of this material?
- (9) J. Feter Grace was recently appointed head of President Reagan's watching spending committee. Our concern is that his position could directly and or indirectly affect the interpretation by the EPA of the test data relating to the radioactive waste dumps (in Wayne) owned and operated by the Grace Company.
- (10) Our committee is <u>very concerned</u> regarding past and present liasons among ORAU, ENI, and U.S. Government Nuclear Facility, all located in Oak Ridge Tennessee. Please investigate the relationships above forementioned.

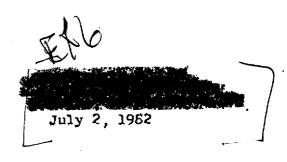
Kindly respond, in writing to each item at your earliest convenience and supply reports, documents, transcripts of interviews, project contracts, letters, memos, inter-office communiques, etc., as substantication for replies.

- Tincerly,

Karen Lieberman Representative for

Concerned Citizens Committee

cc: Walter Jasinski, Mayor
Joseph Di Donato; Council President
Joseph L. Bubba, State Senator
Joseph Morris, N.J. DEP
Thomas Kean, Governor
File



Rep. Robert A. Roe 158 Boonton Road Wayne, New Jersey 07470

Dear Congressman Roe:

Our committee expresses appreciation for the informative meeting held July 1, 1982, in Wayne Township. Your patience, directiveness and candor were exemplified by your statements and responses to queries raised by the participants of that meeting.

The committee. acknowledges your continuing efforts pursuant to this situation and noted that you addressed the following issues:

1. Broadening the scope of the initial survey.

2. Determination of soil removal from area.

3. Improvement of intercommunication enong agencies on all governmental levels.

4. The clarification of NRC mathods of measurement and assessment.

5. Acceleration of timetable for testing.

As per your request, our cormittee will submit in writing a list of additional concerns which will necessitate further investigation. In the future, we require that all replies to our inquiries be in written form and substantiated by documentation.

We look forward to your attendance at our meeting on July 8, 1982, at the Wayne-Civic Center, Hamburg Turnpike, scheduled to 8:00 p.m.

Sincerely,

Gail Van Dyken

Representative for

His Van Defen

Concerned Citizens Committee



Associated Post Office Box 117
Universities Oak Ridge, Tennessee 37830
Telephone (615) 576-3388

Manpower Education.
Research, and Training
Dision

13

August 27, 1982



As we discussed earlier, three major types of analyses were performed on the water sample you provided. These were, gamma spectrometry, alpha spectrometry, and gross alpha. The results indicate levels of radioactivity at or below the levels normally encountered in water samples in the United States.

While the results of the gamma spectrometry analyses are too involved to summarize here, the gross alpha and alpha spectrometry results can be:

Analysis	Concentration (picocurie per liter)
Gross Alpha	<2.2*
Th-228**	<1
Th-230	<1
Th-2-32	<1
U-234	<1
U-235	<1
U-238	<1

*This indicates that the activity is below 2.2 picocuries per liter (the minimum activity capable of being measured in our analysis).

**These refer to the various isotopes of thorium and uranium, looked for by alpha spectrometry.

While no limits have been established for uranium or thorium concentrations in water, the Environmental Protection Agency has established maximum allowable levels of gross alpha activity in drinking water. These regulations are somewhat complex but can be summarized as follows:

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Act, exemptions 6 FOIA- 2000-0101

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(3)



The maximum allowable gross alpha activity in drinking water is 15 pCi/liter (the level in your water is less than 2.2 pCi/liter). This level, i.e. the allowable level, does not include radon or uranium.

Other radionuclides specifically analyzed for included the following isotopes of radium and polonium:

Ra-228	<0.6
Ra-226	<0.07
Po-210	<0.3

The EPA drinking water regulations allow a maximum level of 5 picocuries per liter of Ra-228 and Ra-226 combined. The combined levels in your water would be less than 0.67 (i.e., 0.6 + 0.07), well under the permitted levels.

It must be emphasized that our tests were capable of detecting only radioactive material. Chemical or bacterial components in the water were not analyzed for.

If you have any further questions, please feel free to contact me.

Sincarely yours,

Paul W. Frame

Team Leader

Radiological Site Assessment Program

PWF/im

Post Office Box 117 Oak Ridge, Tennessee 37830

Telephone (615) 576-3305

Manp Wer Education. Research and Training Division

September 23, 1982

Mr. Bill Crow
Div. Fuel Cycle & Mat. Safety
U.S. Nuclear Regulatory Commission
MS SS396
Washington, DC 20555

Dear Mr. Crow:

Enclosed you will find a copy of the draft of the survey report on Sheffield Brook in Wayne, NJ. This will be issued as the final report as soon as we receive your final comments.

Please note, figures 15-18 will appear in color noting various exposure rates when the final report is produced.

I apologize for the delay in getting this final draft to you.

Sincerely,

James D. Berger Program Manager

Radiological Site Assessment Program

JDB/jm

Enclosure

cc: John Kinneman Region I



Associated Post Office Box 117
Universities Oak Ridge, Tennessee 37830

Telephone (615) 576-3388

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August 27, 1982



Three major types of analyses were performed on the water sample you provided. These were: gamma spectrometry, alpha spectrometry, and gross alpha. The results indicate levels of radioactivity at or below the levels normally encountered in water samples in the United States.

While the results of the gamma spectrometry analyses are too involved to summarize here, the gross alpha and alpha spectrometry results can be:

Analysis	Concentration (picocurie per liter)	
Gross Alpha	<2.2*	
Th-228**	<1	
Th-230	<1	
Th-232	<1	
U-234	<1	
U-235	<1	
บ–2 38	<1	

^{*}This indicates that the activity is below 2.2 picocuries per liter (the minimum activity capable of being measured in our analysis).

While no limits have been established for uranium or thorium concentrations in water, the Environmental Protection Agency has established maximum allowable levels of gross alpha activity in drinking water. These regulations are somewhat complex but can be summarized as follows:

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in accordance with the Freedom of Information

Act, exemptions

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ITEM # ___32__



^{**}These refer to the various isotopes of thorium and uranium, looked for by alpha spectrometry.



The maximum allowable gross alpha activity in drinking water is 15 pCi/liter (the level in your water is less than 2.2 pCi/liter). This level, i.e. the allowable level, does not include radon or uranium.

Other radionuclides specifically analyzed for included the following isotopes of radium and polonium:

Ra-228		<0.6
Ra-226		<0.07
Po-210	•	<0.3

The EPA drinking water regulations allow a maximum level of 5 picocuries per liter of Ra-228 and Ra-226 combined. The combined levels in your water would be less than 0.67 (i.e., 0.6 + 0.07), well under the permitted levels.

It must be emphasized that our tests were capable of detecting only radioactive material. Chemical or bacterial components in the water were $\underline{\text{not}}$ analyzed for.

Paul W. Frame

Team Leader

Radiological Site Assessment Program

PWF/jm

SEP 2 3 1982

Docket No. 40-00086 License No. STA-422



Subject: Well Water Analysis

This is to inform you that our analysis of the sample of well water, taken from your home by Ms. B. Rocco of Oak Ridge Associated Universities, showed that the water met the drinking water standards set by the U.S. Environmental Protection Agency for radioactive materials.

If you have any questions regarding this result, please call me (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Materials Program Section No.1

bcc: Region I Docket Room (with concurrences)

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OFFICE SURNAME ! DATE

License No. STA-422



This is in response to your letter to the President of the United States dated June 4, 1982. As you are probably aware, this Office of the Nuclear Regulatory Commission has been reviewing situations involving the thorium waste buried on Black Oak Ridge Road in Wayne for some time. From the extensive surveys conducted by inspectors from this office, by our contractor, Oak Ridge Associated Universities, and by representatives of the State of New Jersey, we have concluded that the presence of this material does not present an immediate hazard to the residents of Wayne. The results of these surveys will be provided in reports being prepared by Oak Ridge Associated Universities. We have placed your name on the mailing list for a copy of this report.

We have contacted the Department of Energy concerning this matter. The Department of Energy has told us that they will consider this site for incorporation in the Formerly Utilized Site Remedial Action Program. This is a program where site materials were produced for the use by the former Atomic Energy Commission are evaluated to determine whether they present a short and/or long term hazard to the public and/or community in which they are located. If such a hazard is identified, corrective actions are taken to reduce or eliminate the hazard. Such consideration cannot be carried out by the Department of Energy until they receive the results of our report. We will forward these reports to the Department of Energy as soon as we complete them.

We understand your concerns and are working to resolve them. I hope this information is of assistance to you.

Sincerely,

Original Tigmed By:

John D. Kinneman, Chief Materials Radiological Protection Section

Region I Docket Room (with concurrences) R1:DETP R1:DETP Kinneman/wb Joyner T. Maytin		E/30
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The material you requested from the W. R. Grace file is enclosed. Due to the way the file is kept there are some duplicates. I hope the material is useful to you.

Sincerely,

John D. Kinneman, Chief Nuclear Materials Section A

ITEM # _36

in accordance with the Freedom of Information
Act, exemptions

RI:DETP Kinneman

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OCT 1 8 1982

Docket No. 40-00086

License No. STA-422



As you requested in the telephone conversation with Ms. Campbell of this office on September 8, 1982, a copy of Inspection Report No. 99990001/82-03 is enclosed. This report documents the surveys of your property conducted by Ms. Campbell; section 3.b and Appendix 1 specifically refer to your property. As Ms. Campbell discussed with you, we believe that there is no hazard to yourself or your family from the radiation levels measured on your property. As you are probably aware, Oak Ridge Associated Universities conducted extensive measurements on the W. R. Grace property which is next to yours. We expect a report of these measurements will be available in early 1983 and will provide you with a copy.

Thank you for your cooperation with us. If you have additional questions, please feel free to contact us.

Sincerely,

Original Signal By:

John D. Kinneman, Chief Materials Program Section No. 1

Enclosure: NRC Report No. 99990001/82-03

Campbell/wb

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ar accordance with the Freedom of Information Act, exemptions _ 6

FOIA- 2000-0101

OCT 2 ? 1982

Docket No. 40-00086

License No. STA-422

Earlier this year you provided a drinking water sample to our contractors Oak Ridge Associated Universities. The results of the analysis of this sample for radioactivity are contained in the enclosed Radiological Survey of Sheffield Brook, Wayne, New Jersey dated October 1982.

Your sample is number 19 on page 52. These results indicate the water you supplied is well within the standards of the U.S. Environmental Protection Agency for radioactivity in drinking water.

If you have any questions concerning these results, you may call me at 215-337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc: Region I Docket Room (w/concurrences)

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Docket No. 40-00086

License No. STA-422



Earlier this year you provided a drinking water sample to our contractors Oak Ridge Associated Universities. The results of the analysis of this sample for radioactivity are contained in the enclosed Radiological Survey of Sheffield Brook, Wayne, New Jersey dated October 1982.

Your sample is number 20 on page 52. These results indicate the water you supplied is well within the standards of the U.S. Environmental Protection Agency for radioactivity in drinking water.

If you have any questions concerning these results, you may call me at 215-337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc: Region I Docket Room (w/concurrences)

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Docket No. 40-00086

License No. STA-422



Earlier this year you provided a drinking water sample to our contractors Oak Ridge Associated Universities. The results of the analysis of this sample for radioactivity are contained in the enclosed Radiological Survey of Sheffield Brook, Wayne, New Jersey dated October 1982.

Your sample is number 21 on page 52. The first time this sample was analyzed the results were somewhat higher than expected. However, a duplicate second analysis was well within the standards of the U.S. Environmental Protection Agency for radioactivity in drinking water, indicated that the initial analysis was in error.

If you have any questions concerning these results, you may call me at 215-337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure:
As stated

bcc: Region I Docket Room (w/concurrences)

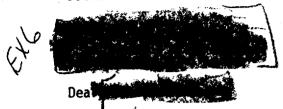
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Docket No. 40-00086

License No. STA-422



Earlier this year you provided a drinking water sample to our contractors Oak Ridge Associated Universities. The results of the analysis of this sample for radioactivity are contained in the enclosed Radiological Survey of Sheffield Brook, Wayne, New Jersey dated October 1982.

Your sample is number 22 on page 52. These results indicate the water you supplied is well within the standards of the U.S. Environmental Protection Agency for radioactivity in drinking water.

If you have any questions concerning these results, you may call me at 215-337-5252.

Sincerely,

Original Signed PV;

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc: Region I Docket Room (w/concurrences)

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License No. STA-422

Docket No. 40-00086



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

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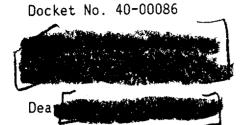
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TEM # _ 43

Le



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Staned By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

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License No. STA-422



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

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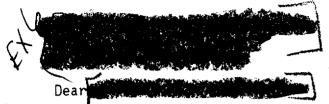
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License No. STA-422



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

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in accordance with the Freedom of information
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License No. STA-422

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Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

///~ RI:DETP Kinneman/gwc

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ITEM # 47

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License No. STA-422

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Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:
John D. Kinneman, Chief
Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

10/27/82

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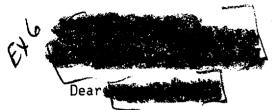
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ITEM # 48

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Docket No. 40-00086

License No. STA-422



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

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License No. STA-422



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

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Information in this record was deleted in accordance with the Freedom of information Act, exemptions 6

ITEM # <u>50</u>

E144

OCT 2 7 1982

License No. STA-422



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed Bys

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

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ITEM # ____5/_

<u>51</u> E145

License No. STA-422

Dear

Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

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ITEM # <u>52</u>





Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

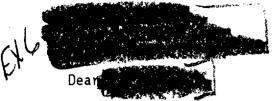
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Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

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Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

ITEM # _ 54



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

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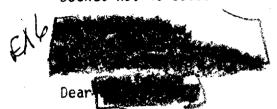
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ITEM # __55__

Docket No. 40-00086

License No. STA-422



Earlier this year you provided a drinking water sample to our contractors Oak Ridge Associated Universities. The results of the analysis of this sample for radioactivity are contained in the enclosed Radiological Survey of Sheffield Brook, Wayne, New Jersey dated October 1982.

Your sample is number 18 on page 52. These results indicate the water you supplied is well within the standards of the U.S. Environmental Protection Agency for radioactivity in drinking water.

If you have any questions concerning these results, you may call me at 215-337-5252.

Sincerely,

Original Signed Bys

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

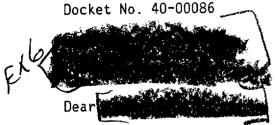
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License No. STA-422



Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

10/27/82

OFFICIAL RECORD COPY

E/51

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

ITEM # <u>57</u>

Dea

License No. STA-422

Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of Sheffield Brook, Wayne, New Jersey, dated October, 1982. This report does not include the results of surveys and measurements made on the W. R. Grace and Company property on Black Oak Ridge Road. These results will be the subject of an additional report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

10/27/82

REFICIAL RECORD COPY-

E/52

in accordance with the Freedom of Information Act, exemptions 6

ITEM # 58

License No. STA-422

Docket No. 40-00086

Dean

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Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

10/27/82

OFFICIAL RECORD COPY

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Information in this record was deceed in accordance with the Freedom of Information Act, exemptions 6

FOIA- 2000-0101

ITEM # <u>59</u>

License No. STA-422

ماد



Docket No. 40-00086

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Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

bcc w/encl:
Region I Docket Room (with concurrences)

RI:DETP Kinneman/gwc

10/27/82

OFFICIAL RECORD COPY

E/54

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions

FOIA- 200-0101

ITEM # _______



Gentlemen:

Subject: Radiological Surveys of Sheffield Brook, Final Report

Enclosed for your information is a copy of the subject report. This report does not contain the results of measurements made on the W. R. Grace and Company property on Black Oak Ridge Road in Wayne. These measurements will be the subject of a separate report.

If you have any questions concerning this report you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

Region I Docket Room (w/concurrences)

Kinneman/gwc 10/27/82

-OFFICIAL RECORD COPY

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 4 FOIA. _ 2000 - 0101



Gentlemen:

Subject: Radiological Surveys of Sheffield Brook, Final Report

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Sincerely,

Original Signed by:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc:

Region I Docket Room (w/concurrences)

RI:DETP Kinneman/gwc 10/27/82

OFFICIAL RECORD COPY

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions

ITEM # ______

5/56

40-00086 Docket No.

License No. STA-422



Radiological Surveys of Sheffield Brook, Final Report

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Sincerely,

John D. Kinnneman, Chief (Nuclear Materials Section A

Enclosure: As stated

bcc: Region I Docket Room (w/concurrences)

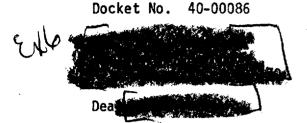
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Information in this record was deleted in accordance with the Freedom of Information Act. exemptions 6

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OCT 2 9 1982

License No. STA-422



Subject: Radiological Surveys of Sheffield Brook Final Report

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Sincerely,

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc:

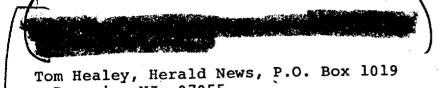
Region I Docket Room (w/concurrences)

ITEM # Information in this record was delated in accordance with the Freedom of Information

Act. exemptions JRNAME. Kinneman.

Ann 10/21/82 10/29/82 Ann ser that into Grace Docket (10) Ann-If we haven't already done so, please send copies of the WR Gaci repart, with cover letter, to; John O'Brien Town ship Clerk. City Itall 475 Valley Road Wayne 07470 ITEM# 67 (16) Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6
FOIA- 2000 -0101

MAILING LIST FOR WAYNE, NJ REPORT



Passaic, NJ 07055

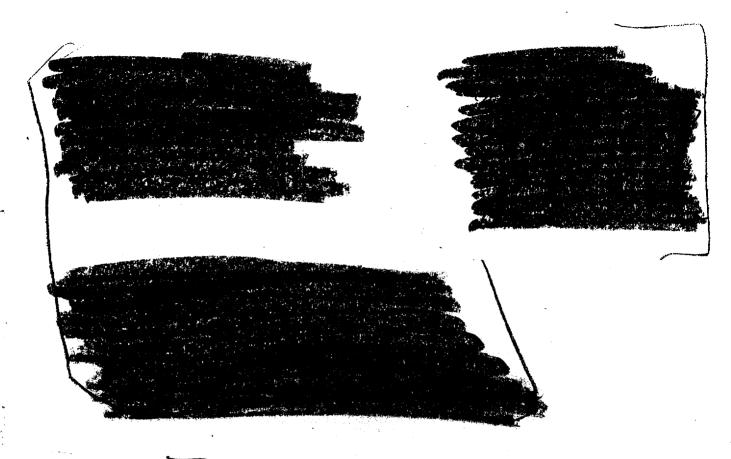
Becky Aikman, The Record Shopping Center Preakness, Wayne, NJ 07470

Donna Ventimiglia, Paterson News

Ms. Sally Marcy, The William Marcy Agency,
505 Newark Pompton Turnpike, Pompton Plains, NJ 07444

P.P. Such, L.N.H.A., Administrator, Willowbrook, Inc. P.O. Box 180, Wayne, NJ 07470

Exb



Manks

Jan

Put this in.

W.R. Grace and Company File

a copy of Final Report on

W.R. Grace Site should be sent

40

Dames and Moore
Attn: Lea Shocki
20 Harrlen Avenue
White Plains, New York
10603

Him

Réport will not be available until Jan 83.

United States Benate

WASHINGTON, D.C. 20510

November 8, 1982

Mr. Carlton C. Kammerer
Director
Office of Congressional Affairs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Kammerer:

I am enclosing a copy of a letter I have received from of Wayne, New Jersey.

Please provide any information you might have regarding this issue in order that I might be able to respond to my constituent's inquiry. Please return the enclosed correspondence with your report.

With all good wishes,

Sincerely,

Nicholas F. Brady United States Senator

NFB/wj Enclosure

PDR ADOCK 04000086
C Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6
FOIA.

ITEM # ____68__

E162



Dear Mr. Brady.

I am a resident of Wayne, New Jersey, and am writing to you concerning a problem in this township which the public has just been made aware of recently.

Between 1947 and 1974, industries located along Black Oak Ridge Road in Wayne buried approximately 20,000 pounds of radioactive thorium. This thorium, once considered safely buried, has now become cause for concern. Radiation has been detected in this area by the Nuclear Regulatory Commission in amounts of ten to twenty-five times higher than normal levels. Furthermore, thorium has also been detected along the banks of the Sheffield Brook which runs along Deerfield Road, a residential area.

As a parent homeowner resident of Wayne, New Jersey, I am extremely concerned about this situation. The thorium which is buried here poses a potential health hazard to the people who reside in this township, as well as possibly detracting from the desirability of our property.

Radioactive waste does not belong in a residential area such as Wayne. I urge you to assist our community in facilitating the removal of thorium from this site.

Thanking you in advance for your interest and cooperation in expediting this matter.



December 1, 1982

John D. Kinneman, Chief Nuclear Materials Section A Nuclear Regulatory Commission 631 Park Avenue King of Prussia, PA 19406

Docket No. 40-00086

Dear Mr. Kinneman:

Thank you for a copy of "Radiological Surveys of Sheffield Brook, Final Report". I reviewed the report for the Town of Wayne and asked that they send you a copy of that review.

In looking over your report I noticed two references which would be useful to me and would greatly appreciate it if you could send me a copy. They are references 4 and 5 on page 54:

- 4. Nuclear Regulatory Commission, <u>Guidelines for Decontamination of Facilities</u> and <u>Equipment Prior to Release for Unrestricted Use of Termination of Licenses for By-Product, Source, or Special Nuclear Material</u>, November, 1970.
- 5. Nuclear Regulatory Commission, Branch Technical Position, <u>Disposal or On-Site Storage of Thorium or Uranium Wastes from Past Operations</u>, <u>Docket 81-30808</u>, Federal Register, Oct. 23, 1981.

This is being done on behalf of the Town of Wayne. If there are any charges over \$25, please let me know in advance. Thank you for your help.

cc: A. Bartolozzi

Sincerely,

EXB

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

FOIA- 2000 - 0101

ITEM # 69 EN3



UNITED STATES NUCLEAR REGULATORY COMMISSION)

REGION I 631 PARK AVENUE

631 PARK AVENUE KING OF PRUSSIA, PENNSYLVANIA 19406

DEC 2 3 1982

Docket No. 40-00086

License No. STA-422



This refers to your letter dated December 1, 1982. The documents you requested are enclosed. There is an error in the reference list, the "Guidelines for Decontamination..." actually cited are dated November, 1976. I have also included a copy of the most recent issue of these guidelines, dated 1982.

If I can be of any further assistance, please let me know.

Sincerely,

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure:
Guidelines for Decontamination of Facilities
and Equipment prior to Release for Unrestricted
Use or Termination of Licenses for Byproduct,
Sources and Special Nuclear Material; dated
November 1976 and July 1982

46 FR 52061-63

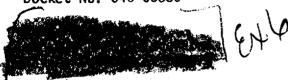
8/64

Information in this record was delated in accordance with the Freedom of Information Act, exemptions

FOIA- 2000-0101

Docket No. 040-00086

License No. STA-422



Dear

Earlier this year this office requested permission to conduct surveys on property owned by you in Wayne, New Jersey. Enclosed is a copy of the Final Report, Radiological Survey of the W. R. Grace and Company Property, Wayne, New Jersey, dated October, 1982.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc w/encl:.

Region I Docket Room (with concurrences)

Information in this record was delated in accordance with the Freedom of Information Act, exemptions

E/65

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DATE

Docket No. 040-00086

License No. STA-422



Subject: Radiological Surveys of W. R. Grace and Company Property, Wayne, New Jersey

Enclosed for your information is a copy of the subject report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

hcc.

Region I Docket Room (with concurrences)

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ITEM# 7

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DATE .	1/27/83	·• •

Docket No. 040-00086

License No. STA-422



Subject: Radi

Radiological Surveys of W. R. Grace and Company Property, Wayne,

New Jersey

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If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc:

Region I Docket_Room (with concurrences)

Information in this record was de a ed in accordance with the Freedom of Information Act, exemptions

FOIA-

TEN# 13

8/6

OFFICE	ki:DETP
SURNAME	Kinneman/lp
OURNAME .	1/28/83

Docket No. 040-00086

License No. STA-422



Subject: Radiological Surveys of W. R. Grace and Company Property, Wayne, New Jersey

Enclosed for your information is a copy of the subject report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc:

Region I Docket Room (with concurrences)

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions ____

ITEM #

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DATE.	1/28/83

RC FORM 318 (10-80" NRCM 0240

Docket No. 040-00086

License No. STA-422



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Sincerely,

Original Signed Bys.

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc w/encl: -

Region I Docket Room (with concurrences)

Information in this record was de sed in accordance with the Freedom of Information Act, exemptions ___6

FOIA- 200-01/01
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URNAME	Kinneman/lp
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Dear Mr. President, I am resident of Wayne, New Jersey, and I'm writing to you concerning a problem. In this township which the public has just been made aware of recently Between 1947 and 1974, inclustries located along Black Oak Ridge Road in Wayne, buried approximately 20,000 pounds of radio active thorium. This thorium, once concedered safely buried, has now become caused concern. Radiation has obeen detected in this area by the nuclear regulatory commission in amounts of 10 to 25 times higher then normal levels. Furthermore, thorium has also been detected along the banks of Sheffield brook wich runs along Dearfield od, & residental area. . As a parent (honeowner) (resident) of Wayne Jew Jersen, Iam extremely concerne sout this situation. The thorim which buried here pases a potential health 222rd to the people who reside in this washing as well as possibly detracting from in accordance with the Freedom of Information

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July 14, 1982

U.S. Attorney General Federal U.S. Post Office Newark, N.J.

Att: Mr. W. Hurt Dumont

Dear Mr. Dumont,

The residents of Wayne, New Jersey, have great concerns relating to the property at 868 Black Oak Ridge Road. (Owned by W.R. Grace and Company) We have recently been made aware of a radioactive dump site on this property, material buried has migrated off the site. At the present time Electro-Nuleonics, Inc. is leasing the property. An investigation to determine exactly the nature of the work Electro-Nucleonics is engaged in is definitely indicated. It is also important to determine the parent company of Electro-Nuleonics, assuring us that the company has absolutely no connection with W.R. Grace either in the past or at the present time.

We would appreciate any other information you can provide. The residents of this community must be assured that the site will never be used as a radioactive dumping facitity now or in the future.

Thanking you in advance for your assistance in this most serious matter. The citizens of Wayne anxiously await your response.

Sincerly,

Karen Lieberman

Concerned Citizens Committee

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CC: File

Information in accordance were recommended in accordance were recommended in the formation of the second of the se

Docket No. 40-00086

License No. STA-422



Subject: Testing of Well Water

This is in response to your telephone conversation with Mr. Karl Abraham of this office during the week of May 17, 1982. As Mr. Abraham informed you, the analyses of well water in the Wayne, New Jersey area conducted to date have been within standards for drinking water set by the U. S. Environmental Protection Agency. However, we will be pleased to analyze a sample from your well. Our contractor will be in Wayne during the month of July to perform additional measurements on the W. R. Grace and Company property. We will contact you to obtain a sample at that time.

If you have additional questions, please call me at (215) 337-5252.

Sincerely,

John D. Kinneman, Chief, Materials Radiological Protection Section

bcc:
RI Docket Room (w/concurrences)

K. Abraham

RI:DETP. Campbell/wb 6/23/82 RI:DETP Kinneman

OFFICIAL RECORD COPY

E/13

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

ITEM # __________

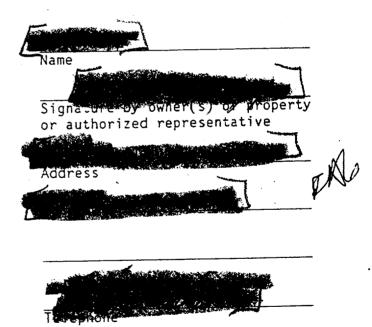
I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated , which transmitted this form. My restrictions on this permission are listed below.

Property Description:

Property Identified as Block

Restrictions:

Expe



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Information in this record was deleted in accordance with the Freedom of Information.

Act, exemptions

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ITEM # ________

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Property Description:

Property Identified as Block

Lot

Ext.

Restrictions:

SGL Industries

Kame

Signature by owner(s) of property

or authorized representative

/76 Euclid Avenue

Address

Maddonfield, New Jersey 0803

609-629 7800X

10 CFR 2.79C INJURNATION

-10 CFR 2.790 INFORMATION

BOTHER 2.700 INTOPHATION

PERMISSION

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Property Description:

Property Identified as Block

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Restrictions:

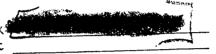
Name	
Signature by owner(s) of property or authorized representative	1
Address	
Telephone	•

10 Gen 2. 150 INI UNIMATION

I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated, which transmitted this form. My restrictions on this permission are listed below.

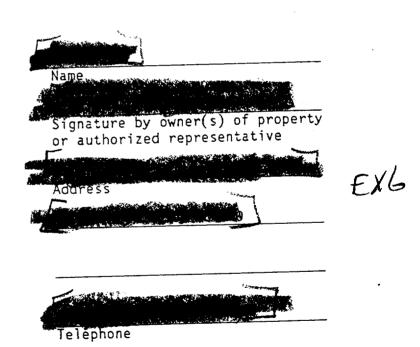
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Restrictions:



10-OFR 2.790 INFORMATION

10.00 INFORMATION

PERMISSION

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Property Description:

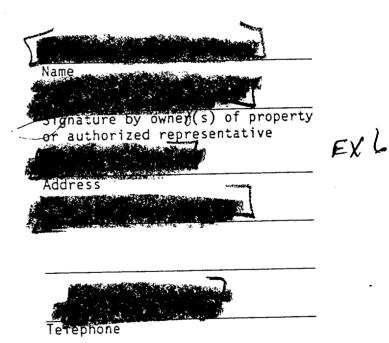
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10 CFF S. TOO INFORMATION

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Property Description:

Property Identified as Block



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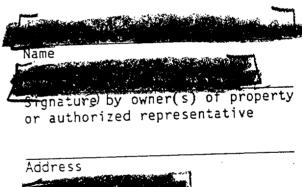
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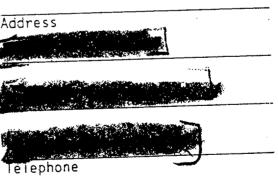
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Property Description:

Restrictions: No Vrees are to be removed at mass domage to undubrush.

Signature by owner(s) of property or authorized representative

Address

Telephone

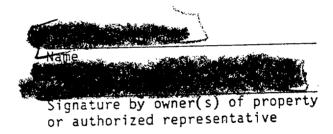
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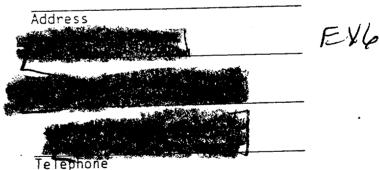
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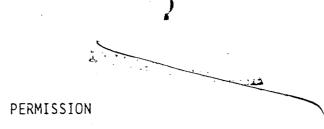
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Restrictions:





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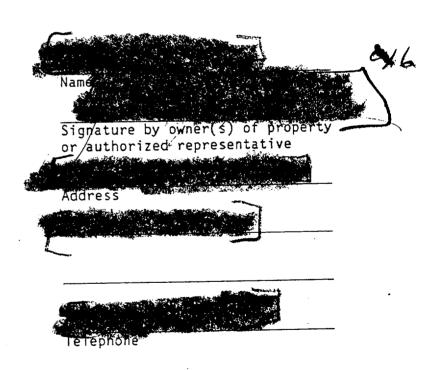
I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated , which transmitted this form. My restrictions on this permission are listed below.

Property Description:

Property Identified as Block

Eyb

Restrictions:



10 CFR 2.790 INFURMATION

I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated, which transmitted this form. My restrictions on this permission are listed below.

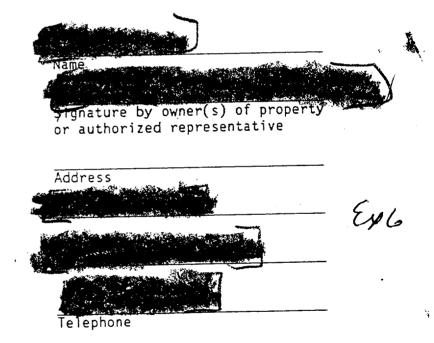
Property Description:

Property Identified as Block



END

Restrictions:



A TOTAL CONTRACTOR

PERMISSION

I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated , which transmitted this form. My restrictions on this permission are listed below.

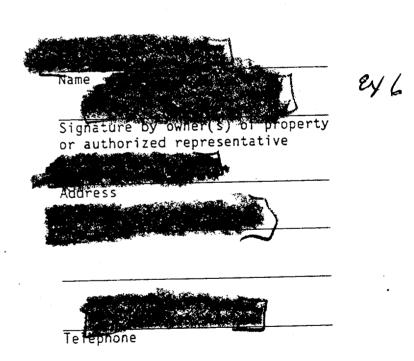
Property Description:

Property Identified as Block Lot



446

Restrictions:





I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated , which transmitted this form. My restrictions on this permission are listed below.

Property Description:

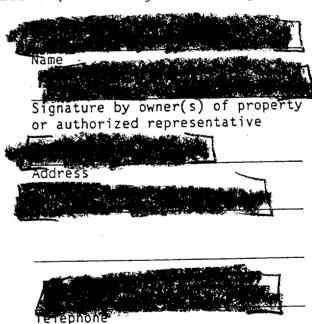
Property Identified as Block



Restrictions:

1. The property owner, be held harmless from any claims, demands or suits by reason of personal injuries or property damage arising from the activities of the U.S. Department of Energy or U.S. Nuclear Regulatory Commission, their agents or employees, including contractor personnel.

- 2. Any disturbance of any surface conditions beyond that described in the text of the permission granted above be restored.
- 3. That any damaged conditions created by test holes or otherwise be restored or clearly marked.



EN6

10 CFR 2.790 INFURMATION

10 CFR 2.790 INFORMATION

PERMISSION

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Property Description:

Property Identified as Block \1591C/47

Restrictions:

Morton Realty, Inc

Signature by owner(s) of property

or authorized representative

861 Black Oak Ridge Road

Address

Wayne, New Jersey 07470

10 CFR 2.790 INFORMATION

10 CFR 2.790 INFO

I give permission to employees, contractor personnel, and agents of the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission to perform a radiological survey on the property described below. I understand that this may involve disturbing some underbrush and vegetation, and will include drilling a few holes in the ground as described in the NRC letter dated JUL 0 1 1962, which transmitted this form. My restrictions on this permission are listed below.

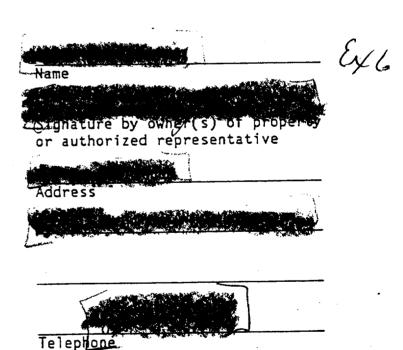
Property Description:

Property located at



4.1.

Restrictions:



1983 FEB 1

Docket No. 040-00086

License No. STA-422

Councilman Fred Bauer

Dear Councilman Bauer:

Radiological Surveys of W. R. Grace and Company Property, Wayne, Subject:

Enclosed for your information is a copy of the subject report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Huclear Materials Section A

Enclosure: As stated

bcc: Region I Docket Room (with concurrences)

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions ________

RY : DETP

Kinneman/1p

NRC FORM 318 : 10-801 NRCM 0240

FOIA-

OFFICIAL RECORD COPY

1983 FEB 1

Docket No. 040-00086

License No. STA-422

Councilman Gary Webb

Dear Councilman Webb:

Radiological Surveys of W. R. Grace and Company Property, Wayne, Subject: New Jersey

Enclosed for your information is a copy of the subject report.

If you have any questions concerning this report, you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John d. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

Region I Docket Room (with concurrences)

ITEM # __4/

Information in this re	cord was deleted
in accordance with th	e Freedom of Infor <mark>mation</mark>
Act, exemptions 6	

OFFICE	Ki	.D	ET.P
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1/28/83

Norwalk Hospital

Norwalk, Connecticut 06856

November 10, 1982

John Glenn, Ph.D.
Nuclear Regulatory Commission
Region 1
Office of Inspection and Enforcement
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Dr. Glenn:

Enclosed is a copy of the soil analysis of samples taken from three (3) residences close to the old W. R. Grace railroad siding in Pompton Plains, New Jersey.

Although all samples indicated levels below New York State limits, note that samples No. 15 and 16 were the highest levels obtained. Interestingly, these samples were from the rear yard of the residence which is adjacent to the old railroad siding.

Please let me know if you think this requires additional investigation or if you wish me to proceed further with soil sampling.

Very truly yours,

Carl J/ Collica, M.S., DABR

CJC:jlk

Enclosure

Information in this record was deleted in accordance with the Freedom of Information TEN # 436

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HEALTH PHYSICS SURVEY

SAMPLE ANALYSIS REPORT

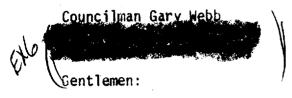
PAGE	-1-	OF_	-1

	SAMPLE ANAL	Col	llection
ustomer: CARL J. COLLI	- CA	Da	te
CARL O. COLLI	Tupe of sa	mples: wipeair_	leak test
		athan X soi	1
	Analyzed 6	or: Alpha vrs.	Am standard
		Urs	standard
nalusis date:	10/28/82 l gm sam	plesvrs	standard
ample No. Locat	tion/Description	Net c/m	Activity μCi/gm
1	#2-A	.6	
2	#2-B	.2	7
		ave4	4.7 X 10 ⁻⁷
3	#1-A	.6	
4	#2-B	0	7
		ave .3	<4.7 X 10 ⁻⁷
5	#2-A	. 2	
6	#2-B	. 2	7
	(Account)	ave .2	<4.7 X 10 ⁻⁷
7	#1-A	0	
8	#2-B	0	
		ave_0	<4.7 X 10 ⁻⁷
9	#1-A	0	
10	#1-B	0	<4.7 X 10 ⁻⁷
		ave0	_ <4./ X 10
11	#2-A		
12	#2-B		<4.7 X 10 ⁻⁷
and the state of		ave2	<u> </u>
13	#3-A		
	#3-B	. 4	<4.7 X 10 ⁻⁷
	· · ·	ave .2	
15	#4-A	9,2	_
16	#4-B	9.2	1.1 X 10 ⁻⁵
		ave 9.2	.05% by wt or
.New `	York State limit for	Th in soil =	5.45 X 10 ⁻³ Ci
<u> </u>			
	·		0
-			-

by: Clau Jone

Docket No. 40-00086

License No. STA-422



Subject: Radiological Surveys of Sheffield Brook Final Report

Enclosed for your information is a copy of the subject report. This report does not contain the results of measurements made on the W.R. Grace and Company property on Black Oak Ridge Road in Wayne. These measurements will be the subject of a separate report.

If you have any questions concerning this report you may call me at (215) 337-5252.

Sincerely,

Original Stered By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

Region I Docket Room (w/concurrences)

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

ITEM # ________

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OFFICE	RI:DETR	20-			 ,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
SURNAME	RI:DETR Kinnemart					***************************************	***************************************
DATE	10/2/82					.,	*****************
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IC FORM 318 (10-80) NRCM 0240

OFFICIAL RECORD COPY

USGPO: 1991-335

OCT 2 9 1982

Docket No. 40-00086

License No. STA-422

Councilman Engle Bauer Gentlemen:

Subject: Radiological Surveys of Sheffield Brook, Final Report

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Sincerely,

Original Signed By:

Enclosure: As stated

bcc:

Region I Docket_Room (w/concurrences)

information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6 2000-0101

ITEM#

inneman/

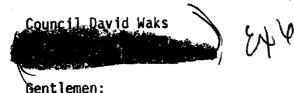
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FOIA-

OCT 2 9 1982

Docket No. 40-00086

License No. STA-422



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If you have any questions concerning this report you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

JACK DAVIS

John D. Kinneman, Chief

Nuclear Materials Section A

Enclosure: As stated

bcc:

Region I Docket Room (w/concurrences)

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

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OFFICE	RI:DE	IR		 **********	 	******************
SUDNAME	Kinne	emap		 	 ******************	
	[10/7/	4 /82				
DATE N	······/	ſ		 	 	

December 16, 1974

I, Peter J. Garino, make the following statement concerning one facet of my activities as health physicist for W. R. Grace & Co., Wayne, N. J., during the 1960-1966 period.

It was brought to my attention during 1964 that the Atomic Energy Commission (AEC) was issuing a point of non-compliance to the Grace facility located at 868 Black Oak Ridge Road, Wayne, N. J., for making a burial of radioactive waste somewhat irregularly. Specifically, the waste was buried in too large a trench. Accordingly, after citing, I recall reburial in accord with the exact requirement. This was carried out by an independent contractor known as John J. Baum, Inc. The work was done by Mr. N. Baum and was supervised directly by Mr. Effect Fullard under my supervision.

I wrote a draft of a letter that was used later in explaining to the AEC our intention of making future burials in the specified manner.

Peter J. Garino

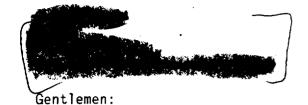
Molecy Full for of Flow Jersey My Commission Espires Read 10, 1977.

Jen Magnette

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions

FOIA- 2000-0101

ITEM # 37/



Subject: Radiological Surveys of Sheffield Brook, Final Report

Enclosed for your information is a copy of the subject report. This report does not contain the results of measurements made on the W. R. Grace and Company property on Black Oak Ridge Road in Wayne. These measurements will be the subject of a separate report.

If you have any questions concerning this report you may call me at (215) 337-5252.

Sincerely,

Original Signed By:

John D. Kinneman, Chief Nuclear Materials Section A

Enclosure: As stated

bcc:

Region I Docket Room (w/concurrences)

RI:DETP Kinneman/gwc 10/27/82

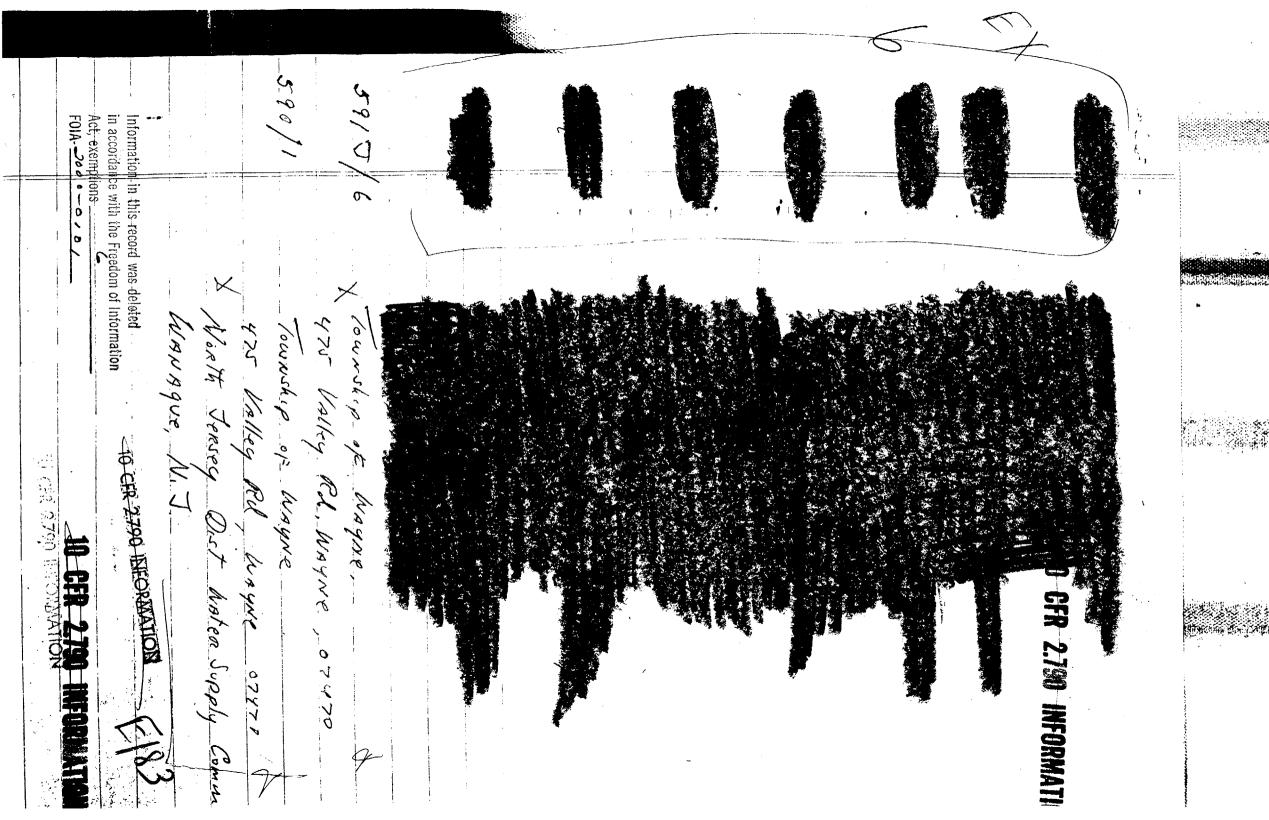
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information in this record was deleted in accordance with the Freedom of Information Act, exemptions 6

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ITEM # _ 583

C/SD



10 CFR 2.790 INFORMATION
SGL Industries 5-910/50 76 Euclid Ave HaddonField, NJ 08033 Morton Realty, Inc 861 BIK OAK Rdg Rd WAYNE EXC