

7404

G-000-1012.160

RESULTS OF WELL SAMPLING (28 LETTERS)

01/03/96

DOE-0154-96
DOE-FN CITIZENS
56
LETTERS



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

7404

JAN 3 1996
 DOE-0154-96

Delta Steel Corporation
 Attn: Mr. Ronald Poston
 10860 Paddys Run Road
 Harrison, OH 45030

Dear Mr. Poston:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | 170.0 | 114.9 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is higher than the range expected for naturally-occurring background uranium in this area. However, the result is consistent with those reported to you during previous periods.

Delta Steel

-2-

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000002



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

7404

JAN 3 1996
 DOE-0154-96

Ruetgers Nease, Inc.
 ATTN: Mr. Noah Pope
 10740 Paddys Run Road
 Harrison, Ohio 45030

Dear Mr. Pope:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

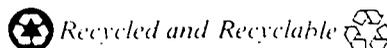
The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report. The less than symbol (<) indicates that the laboratory was unable to detect uranium in your sample. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e. <0.1 means the laboratory can only detect amounts of 0.1 ppb or larger and your water sample may contain 0.0 to 0.1 ppb of uranium.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | <0.1 | <0.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000003



Ruetgers Nease, Inc.

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Wally Quaid

Walter J. Quaid

Deputy Associate Director

Office of Safety & Assessment Support

000004



E-7404

Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 9
DOE-0154-96

Mr. Russell Beckner


Dear Mr. Beckner:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

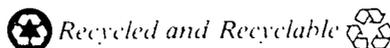
The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report. The less than symbol (<) indicates that the laboratory was unable to detect uranium in your sample. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e. <0.1 means the laboratory can only detect amounts of 0.1 ppb or larger and your water sample may contain 0.0 to 0.1 ppb of uranium.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | <0.1 | <0.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000005



R. Beckner

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Wally Quaider
Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000006



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

7404

JAN 9 1996
 DOE-0154-96

Mrs. Pamela Dunn



Dear Mrs. Dunn:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

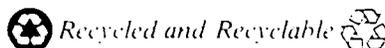
The purpose of this letter is to provide you with results of our sampling. The laboratory result from the quarterly sample collected in October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report. The less than symbol (<) indicates that the laboratory was unable to detect uranium in your sample. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e. <0.1 means the laboratory can only detect amounts of 0.1 ppb or larger and your water sample may contain 0.0 to 0.1 ppb of uranium.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 26, 1995 | <0.1 | <0.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000007



P. Dunn

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000008



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

2404

JAN 3 1996
 DOE-0154-96

Mr. Joseph Langley



Dear Mr. Langley:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 26, 1995 | 3.1 | 2.1 |

For comparison, a groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

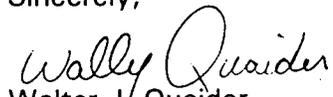
The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit. However, the concentration is slightly higher than the range expected for naturally-occurring background uranium in this area. The result is consistent with those obtained and reported to you during previous periods.

J. Langley

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Handwritten signature of Walter J. Quaid in cursive script.

Walter J. Quaid

Deputy Associate Director

Office of Safety & Assessment Support

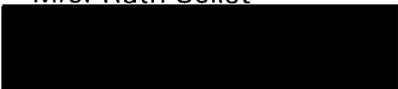
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Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 8 1996
DOE-0154-96

Mrs. Ruth Sellet



Dear Mrs. Sellet:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 26, 1995 | 7.2 | 4.9 |

For comparison, a groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit. However, the concentration is higher than the range expected for naturally-occurring background uranium in this area. The result is consistent with those obtained and reported to you during previous periods.

000011

R. Sellet

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Handwritten signature of Walter J. Quaid in cursive script.

Walter J. Quaid

Deputy Associate Director

Office of Safety & Assessment Support

000012

4-2404



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Best Panel Homes
ATTN: Manager
11301 Paddys Run Road
Hamilton, Ohio 45013

Dear Sir:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

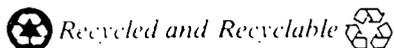
The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 0.5 | 0.3 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000013



Best Panel Homes

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment Support

000014

E-2404



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 9 1996
DOE-0154-96

Branch Hill Mobile Home Park
ATTN: Manager
11200 Hamilton-Cleves Road
Harrison, Ohio 45030

Dear Sir:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

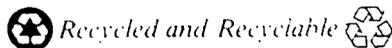
The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | 1.0 | 0.7 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000015



Branch Hill Mobile Homes

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment Support

000016



E-2404

Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Denier Electric
ATTN: Manager
P.O. Box 308
Ross, Ohio 45061

Dear Sir:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 0.5 | 0.3 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

Denier Electric

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaid

Deputy Associate Director

Office of Safety & Assessment Support

000018



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Ray Evers Welding Company
ATTN: Manager
4849 Blue Rock Road
Cincinnati, Ohio 45239

Dear Sir:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | <0.1 | <0.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

Ray Evers Welding

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaid

Deputy Associate Director

Office of Safety & Assessment Support

000020



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

JAN 3 1996
 DOE-0154-96

Mr. A. J. Nieman
 [REDACTED]

Dear Mr. Nieman:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

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| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | 1.5 | 1.0 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

A. J. Nieman

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000022



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Mr. Clayton Burton

Dear Mr. Burton:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 2.0 | 1.4 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

C. Burton

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Handwritten signature of Wally Quaider in cursive script.

Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000024



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

7404

JAN 3 1995
 DOE-0154-96

Mr. Frank Lienesch
 [Redacted]

Dear Mr. Lienesch:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | 0.5 | 0.3 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

F. Lienesch

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000026



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Mrs. Verdie Estes



Dear Mrs. Estes:

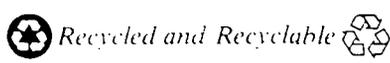
The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 1.6 | 1.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.



V. Estes

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000028

7404



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 9 1996
DOE-0154-96

Ms. Darlene Ramsey



Dear Ms. Ramsey:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 1.7 | 1.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000029

D. Ramsey

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000030



7404

Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 8 1996
DOE-0154-96

Ms. Nancy Riggs
[REDACTED]

Dear Ms. Riggs:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 1.7 | 1.1 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

000031

N. Riggs

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

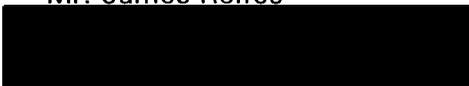
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Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Mr. James Rolfes



Dear Mr. Rolfes:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 26, 1995 | 1.3 | 0.9 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

J. Rolfes

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Handwritten signature of Walter J. Quaid in cursive script.

Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000034



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

E-340-4
7404

JAN 3 1996
 DOE-0154-96

Mr. Joe Schomaker



Dear Mr. Schomaker:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 26, 1995 | 0.5 | 0.3 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

J. Shomaker

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Handwritten signature of Walter J. Quaid in cursive script.

Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000036



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

7404

JAN 9 1996
 DOE-0154-96

Ms. Ann Harrigan
 [Redacted]

Dear Ms. Harrigan:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 25, 1995 | 1.0 | 0.7 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

A. Harrigan

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Handwritten signature of Walter J. Quaider in cursive script.

Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

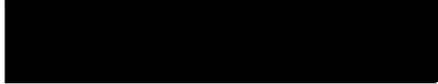
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Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 9 1995
DOE-0154-96

Mr. Donald Gieringer



Dear Mr. Gieringer:

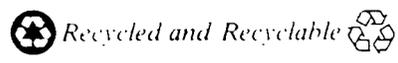
The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

Table with 3 columns: Sampling Date, Uranium Concentration (ppb), Uranium Concentration (pCi/L). Row 1: October 24, 1995, 1.0, 0.7

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.



D. Gieringer

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000040



E 7404

Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Mrs. Doris Turner
[REDACTED]

Dear Mrs. Turner:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of October 1995 are expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| (Barn Well) October 24, 1995 | 0.5 | 0.3 |
| (House Well) October 24, 1995 | 0.5 | 0.3 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentrations in your samples are well below this limit and within the range expected for naturally-occurring background uranium in this part of the country.

D. Turner

-2-

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

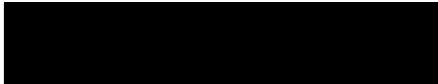
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Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Mr. Thomas Pottenger



Dear Mr. Pottenger:

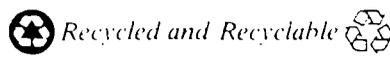
The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well at [redacted] and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 1.7 | 1.2 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.



T. Pottenger

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Wally Quaider

Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000044



Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

JAN 3 1995
 DOE-0154-96

Ms. Stephanie Spade
 [REDACTED]

Dear Ms. Spade:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the quarterly sample collected in October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 26, 1995 | 0.7 | 0.5 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

S. Spade

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

000046



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 8 1996
DOE-0154-96

Mr. Frank Divo
Southwestern Ohio Water Co.
11300 Cornell Park Dr. #385
Cincinnati, Ohio 45242

Dear Mr. Divo:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of October 1995 are expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|------------------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| (Well 1) October 26, 1995 | 1.4 | 0.9 |
| (Well 2) October 26, 1995 | 0.9 | 0.6 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentrations in your samples are well below this limit and within the range expected for naturally-occurring background uranium in this part of the country.

000047

F. Divo

-2-

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000048



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1996
DOE-0154-96

Mr. Thomas Renck
Renck's Nursery
11765 Hamilton-Cleves Road
Hamilton, Ohio 45030

Dear Mr. Renck:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of October 1995 are expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| (Barn Well) October 24, 1995 | 0.5 | 0.3 |
| (House Well) October 24, 1995 | 0.3 | 0.2 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentrations in your samples are well below this limit and within the range expected for naturally-occurring background uranium in this part of the country.

T. Renck

-2-

If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaider
Deputy Associate Director
Office of Safety & Assessment

000050

7404



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 9 1996
DOE-0154-96

Knollman Farms, Inc.
Attn: Norman Knollman
7312 Willey Rd.
Hamilton, OH 45013

Dear Mr. Knollman:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of October 1995 are expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| (Old Well) October 25, 1995 | 48.0 | 32.4 |
| (New Well) October 25, 1995 | 0.1 | <0.1 |
| (House Well) October 26, 1995 | 2.5 | 1.7 |

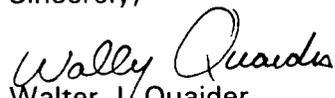
A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

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The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentrations in the samples taken from the new well and the house well (7312 Willey Road) are well below this limit and are within the range expected for naturally-occurring background uranium concentrations in this part of the country. However, the uranium concentration in the sample taken from the old (shallow) well at 7308 Willey Road is higher than the range expected for naturally-occurring background uranium concentrations in this part of the country. The results are consistent with those obtained and reported to you during the previous periods.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,


Walter J. Quaid
Deputy Associate Director
Office of Safety & Assessment

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Department of Energy
Fernald Environmental Management Project
 P. O. Box 538705
 Cincinnati, Ohio 45253-8705
 (513) 648-3155

JAN 3 1995
 DOE-0154-96

Miami Valley Ready Mix
 ATTN: Mr. Lloyd Smith
 7466 New Haven Road
 Harrison, Ohio 45030

Dear Mr. Smith:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. The laboratory result from the month of October 1995 is expressed below in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Site Environmental Report.

| <u>Sampling Date</u> | <u>Uranium Concentration</u> | |
|----------------------|------------------------------|----------------|
| | <u>(ppb)</u> | <u>(pCi/L)</u> |
| October 24, 1995 | 0.4 | 0.3 |

A groundwater study conducted by an independent consultant for the Fernald Site determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 to 2.7 ppb (0.07 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.07 to 6.8 pCi/L) in most natural water within the United States.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in your sample is well below this limit and within the range expected for naturally-occurring background uranium concentrations in this part of the country.

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If you have any questions regarding the result reported to you in this letter or on any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,



Walter J. Quaid

Deputy Associate Director

Office of Safety & Assessment Support



Department of Energy
Fernald Environmental Management Project
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

JAN 3 1995
DOE-0154-96

Mr. Michael Lienesch
[REDACTED]

Dear Mr. Lienesch:

The Fernald Environmental Restoration Management Corporation (FERMCO), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of Fernald Site operations on groundwater quality.

The purpose of this letter is to provide you with results of our sampling. However, no sample was collected from your home in October 1995. REM sampling personnel were unable to contact you to arrange a sampling date and time.

If you have any questions regarding any aspect of our environmental program, please contact me by phone (648-3137) at your convenience.

Sincerely,

Wally Quaidler
Walter J. Quaidler
Deputy Associate Director
Office of Safety & Assessment