7145 G-000-1012.147

RESULTS OF WELL SAMPLING (16 LETTERS)

~~09/05/95~~

DOE-1308-95
DOE-FN CITIZENS
32
LETTERS

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

DOE-1308-95

Mr. J. Hiltenbeitel
[redacted]

Dear Mr. Hiltenbeitel:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your farm was sampled on September 13, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Corn	4.26E-03	4.67E-05 - 2.13E-02
Soil	2.09E+00	2.20E+00 - 2.80E+00
Soybeans	1.59E-02	8.60E-05 - 2.35E-02
Soil	1.76E+00	2.20E+00 - 2.80E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Indiana range from 2.2 pCi/g to 2.8 pCi/g. The uranium content in your soil samples are within or below the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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

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

DOE-1308-95

Mr. H. Merrill
[redacted]

Dear Mr. Merrill:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on September 21, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed. There are not a lot of data for turnips in this area; only one sample has been collected in the past three years.

Sample Collected	Uranium Concentration	Area's Historical Range
Tomatoes	1.88E-03	8.94E-04 - 1.31E-01
Turnips	3.09E-02	4.57E-02 - 4.57E-02
Soil (tomatoes)	2.23E+00	2.20E+00 - 2.80E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil range from 2.2 pCi/g to 2.8 pCi/g in Indiana. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quader

Walter J. Quader
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

DOE-1308-95

Harold Hempfling
[redacted]

Dear Mr. Hempfling:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on August 24, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce data in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because the uranium concentrations in many produce samples are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also, the ranges of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Apples	7.84E-03	2.98E-04 - 4.92E-02
Bell peppers	1.87E-02	5.20E-04 - 7.27E-02
Cabbage	2.03E-02	3.17E-03 - 3.28E-02
Corn	1.87E-03	4.67E-05 - 2.13E-02
Eggplant	6.10E-03	9.48E-04 - 3.23E-01
Green beans	9.46E-03	3.20E-03 - 4.44E-02
Onions	1.68E-02	1.55E-03 - 2.49E-02
Potatoes	9.80E-03	2.12E-03 - 3.64E-01
Tomatoes	1.08E-02	8.94E-04 - 1.31E-01
Soil (apples)	1.96E+00	2.20E+00 - 7.60E+00

Recycled and Recyclable

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Kentucky range from 2.2 pCi/g to 7.6 pCi/g. The uranium content in your soil sample is lower than the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

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

Sincerely,

Walter J. Quaider

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

DOE-1308-95

Mr. G. Minges
[redacted]

Dear Mr. Minges:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your farm was sampled on October 3, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Corn	1.13E-03	4.67E-05 - 2.13E-02
Soil	1.49E+00	1.00E+00 - 4.40E+00
Soybeans	1.00E-03	8.60E-05 - 2.35E-02
Soil	1.76E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil samples are within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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

DOE-1308-95

Mrs. Doris Turner
[redacted]

Dear Mrs. Turner:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your farm was sampled on October 3, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Corn	1.32E-03	4.67E-05 - 2.13E-02
Soil	2.64E+00	1.00E+00 - 4.40E+00
Soybeans	4.55E-03	8.60E-05 - 2.35E-02
Soil	2.03E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil samples are within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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

7145

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

DOE-1308-95

Brown's Family Market
[redacted]

Dear Mr. Brown:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your farm was sampled on August 25, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Corn	1.12E-03	4.67E-05 - 2.13E-02
Green beans	1.51E-02	3.20E-03 - 4.44E-02
Soil	2.03E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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

5-7145

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

DOE-1308-95

Mr. Bruce Koehn
[redacted]

Dear Mr. Koehn:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on September 14, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce data in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because the uranium concentrations in many produce samples are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also, the ranges of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Bell peppers	1.88E-03	5.20E-04 - 7.27E-02
Tomatoes	5.30E-03	8.94E-04 - 1.31E-01
Soil	1.62E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

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

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

DOE-1308-95

Mr. Ralph Atherton
[redacted]

Dear Mr. Atherton:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on August 22, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce data in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because the uranium concentrations in many produce samples are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also, the ranges of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Bell Peppers	1.64E-02	5.20E-04 - 7.27E-02
Cabbage	1.09E-02	3.17E-03 - 3.28E-02
Corn	7.57E-03	4.67E-05 - 2.13E-02
Eggplant	1.59E-02	9.48E-04 - 3.23E-01
Tomatoes	9.93E-03	8.94E-04 - 1.31E-01
Zucchini	1.66E-02	5.32E-04 - 3.81E-01
Soil(tomatoes)	1.69E+00	1.00E+00 - 4.40E+00
Soil(corn)	2.36E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil samples are within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quader

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

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

DOE-1308-95

Carl Lierer
[redacted]

Dear Mr. Lierer:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on August 26, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Potatoes	1.43E-03	1.43E-03 - 3.64E-01
Tomatoes	1.11E-02	8.94E-04 - 1.31E-01
Soil	2.97E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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

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

E-7145

DOE-1308-95

Mr. Burwinkel
[redacted]

Dear Mr. Burwinkel:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Produce from your fruit stand was sampled on August 25, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Bell peppers	4.54E-03	5.20E-04 - 7.27E-02
Cabbage	2.14E-03	2.14E-03 - 3.28E-02
Corn	3.53E-03	4.67E-05 - 2.13E-02
Cucumbers	4.68E-03	3.91E-04 - 3.23E-01
Eggplant	1.18E-02	9.48E-04 - 3.23E-01
Red Peppers	3.39E-03	5.20E-04 - 7.27E-02
Tomatoes	3.80E-03	8.94E-04 - 1.31E-01
Zucchini	6.37E-02	5.32E-04 - 3.81E-01
Soil	2.77E+00	1.00E+00 - 4.40E+00

Recycled and Recyclable

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

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

Sincerely,

Walter J. Quaider

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

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

P-7145

DOE-1308-95

Mr. Lawrence Wyatt
[redacted]

Dear Mr. Wyatt:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on August 26, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Bell peppers	1.69E-03	5.20E-04 - 7.27E-02
Corn	1.05E-03	4.67E-05 - 2.13E-02
Green beans	2.16E-03	2.16E-03 - 4.44E-02
Potatoes	6.28E-03	2.12E-03 - 3.64E-01
Tomatoes	1.73E-03	8.94E-04 - 1.31E-01
Soil	2.70E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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

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

P-2145

DOE-1308-95

Ms. S. Butterfield
[redacted]

Dear Ms. Butterfield:

The purpose of this letter is to provide you with the results of the produce and soil sampling of your garden and farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Tomatoes were collected from your garden on September 8, 1994. Corn and soybean samples were collected from your farm on September 8, and October 3, 1994, respectively, as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Corn	5.85E-04	4.67E-05 - 2.13E-02
Soybeans	2.03E-03	8.60E-05 - 2.35E-02
Tomatoes	3.24E-03	8.94E-04 - 1.31E-01
Soil (corn)	1.82E+00	1.00E+00 - 4.40E+00
Soil (tomatoes)	2.50E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil samples are within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

23

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

Sincerely,

Walter J. Quaider

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

7145

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

DOE-1308-95

Mrs. J. Purdy
Rock Spring's Farm
[redacted]

Dear Mrs. Purdy:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your farm was sampled on August 24, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Apples	7.50E-03	2.98E-04 - 4.92E-02
Bell Peppers	1.05E-02	5.20E-04 - 7.27E-02
Corn	2.03E-03	4.67E-05 - 2.13E-02
Eggplant	1.18E-02	9.48E-04 - 3.23E-01
Onions	2.84E-03	1.55E-03 - 2.49E-02
Tomatoes	5.11E-02	8.94E-04 - 1.31E-01
Soil (corn)	2.43E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

25

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

Sincerely,

Walter J. Quaider

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

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

DOE-1308-95

Mr. Norman Knollman
Knollman Farm, Inc.
[redacted]

Dear Mr. Knollman:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your farm conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your farm was sampled on September 23, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Corn	9.46E-04	4.67E-05 - 2.13E-02
Soil	1.15E+00	1.00E+00 - 4.40E+00
Corn	3.55E-03	4.67E-05 - 2.13E-02
Soil	3.92E+00	1.00E+00 - 4.40E+00
Soybeans	1.39E-03	8.60E-05 - 2.35E-02
Soil	3.04E+00	1.00E+00 - 4.40E+00
Soybeans	1.61E-03	8.60E-05 - 2.35E-02
Soil	2.23E+00	1.00E+00 - 4.40E+00
Soybeans	8.11E-04	8.60E-05 - 2.35E-02
Soil	1.62E+00	1.00E+00 - 4.40E+00
Soybeans	5.81E-05	5.81E-05 - 2.35E-02
Soil	1.28E+00	1.00E+00 - 4.40E+00
Soybeans	1.27E-03	8.60E-05 - 2.35E-02
Soil	1.96E+00	1.00E+00 - 4.40E+00

Recycled and Recyclable

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil samples are within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

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

Sincerely,

Walter J. Quader

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

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

DOE-1308-95

Mr. J. Penny
[redacted]

Dear Mr. Penny:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on August 26, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Tomatoes	1.76E-03	8.94E-04 - 1.31E-01
Soil	2.23E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quader

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

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

DOE-1308-95

Mr. R. Gander
[redacted]

Dear Mr. Gander:

The purpose of this letter is to provide you with the results of the produce and soil sampling from your garden conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your garden was sampled on September 8, 1994 as part of the Fernald site environmental monitoring program.

Picocuries of uranium per gram of sample (pCi/g) are the units used to express produce results in this letter and the Site Environmental Report. The results of this sampling are expressed below in scientific notation because uranium concentrations in some produce are so small. Scientific notation is a means of expressing very large or very small numbers in a compact and easily read form. Values are expressed as a number between 1 and 10, followed by a value indicating the position of the decimal point. For example, 3.5E-04 equals 0.00035. Also the range of uranium concentrations in produce from this area for 1992 through 1994 are listed.

Sample Collected	Uranium Concentration	Area's Historical Range
Apples	9.87E-04	2.98E-04 - 4.92E-02
Potatoes	1.23E-02	2.12E-03 - 3.64E-01
Tomatoes	8.45E-03	8.94E-04 - 1.31E-01
Soil (apples)	2.64E+00	1.00E+00 - 4.40E+00

For the purposes of comparison, naturally-occurring total uranium concentrations for soil in Ohio range from 1.0 pCi/g to 4.4 pCi/g. The uranium content in your soil sample is within the range expected for background concentrations in this part of the country. Although there is no standard for comparison of uranium concentrations in produce, based on data from previous years, your produce samples fall within the range expected for this area.

Recycled and Recyclable

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

Sincerely,

Walter J. Quaider

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