

1331

RESULTS OF THE WATER SAMPLING OF WELL

12/20/90

**DOE-348-91
DOE-FSO/CITIZEN
2
LETTER**



Department _____
 FMPC Site
 P O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. Melvin Schmidt

Dear Mr. Schmidt:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

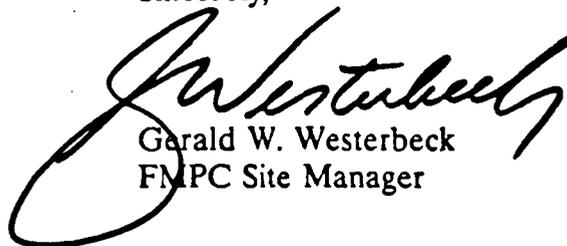
The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of October 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Old Well)	<u>(ppb)</u>	<u>Uranium Concentration</u>	
		<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	180	0.18	121.59
<u>Sampling Date</u> (New Well)	<u>(ppb)</u>	<u>Uranium Concentration</u>	
		<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07
<u>Sampling Date</u> (House Well)	<u>(ppb)</u>	<u>Uranium Concentration</u>	
		<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.6	0.0016	1.08

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in the samples taken from the new well and the house well at [REDACTED] is within the range expected for naturally-occurring background uranium concentrations in this part of the country. The uranium concentration in the sample from the old (shallow) well at [REDACTED] was higher than the range expected for naturally-occurring background uranium concentrations in this part of the country. However, the results are consistent with those obtained and reported to you during the previous periods. No significant change in the reported levels is apparent.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of
 FMPC Site Office
 P O Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

DEC 20 1990
 DOE-348-91

1331

Mrs. Pam Dunn
 [Redacted]

Dear Mrs. Dunn:

The Feed Materials Production Center (FMPC), in conjunction 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 FMPC operations on groundwater quality.

The laboratory result from the fourth quarter of 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07

For comparison, a groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 content of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample was within the range expected for naturally-occurring background uranium in this area.



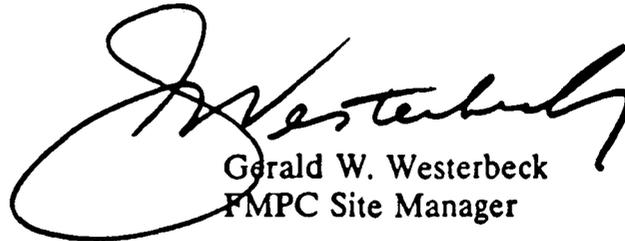
Mrs. P. Dunn

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental monitoring program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of _____
 FMPC Site O
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

18

DEC 20 1990
 DOE-348-91

Mr. Thomas Pottenger

Dear Mr. Pottenger:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well at _____, Harrison 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

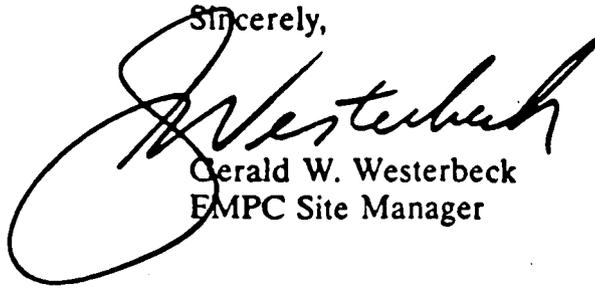
<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
October 25, 1990	1.8	0.0018	1.22

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. T. Pottenger

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
EMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site C
 P O. Box 398/05
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. Russell Beckner
 [Redacted]

Dear Mr. Beckner:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.2	0.0002	0.14

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 2.7 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States.

-2-

The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 3987
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1387

DEC 20 1990
 DOE-348-91

Mr. Frank Lienesch
 [Redacted]

Dear Mr. Lienesch:

The Feed Materials Production Center (FMPC), in conjunction 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 FMPC operations on groundwater quality.

The laboratory result from the fourth quarter of 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41

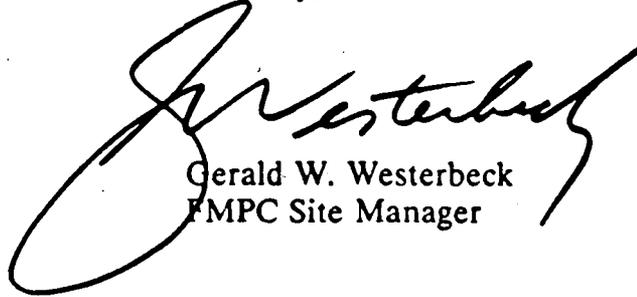
For comparison, a groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J. D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium content of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample was within the range expected for naturally-occurring background uranium in this area.

Mr. F. Lienesch

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental monitoring program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Of [REDACTED]
 P.O. Box 3987
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331 [REDACTED]

DEC 20 1990
 DOE-348-91

Mr. Ken Aday
 [REDACTED]

Dear Mr. Aday:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (New Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07

<u>Sampling Date</u> (House Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.6	0.0016	1.08

<u>Sampling Date</u> (Old Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	180	0.18	121.59

Mr. K. Aday

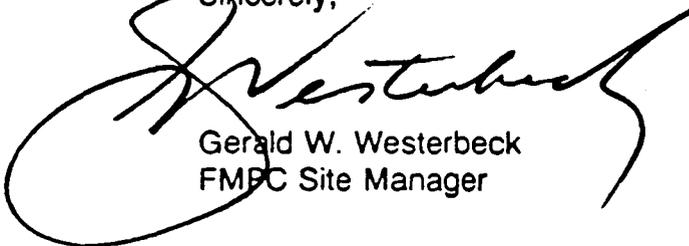
-2-

1331 [REDACTED]

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in the samples taken from the new well and the house well at [REDACTED] is within the range expected for naturally-occurring background uranium concentrations in this part of the country. The uranium concentration in the sample taken from the old (shallow) well at [REDACTED] was higher than the range expected for naturally-occurring background uranium concentrations in this part of the country. However, the results are consistent with those obtained and reported to you during the previous periods. No significant change in the reported levels is apparent.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



1331 [REDACTED]

DEC 20 1990
 DOE-348-91

Albright and Wilson
 Attn: Sam Goodson
 P. O. Box 39066
 Cincinnati, OH 45239

Dear Mr. Goodson:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	41	0.041	27.70

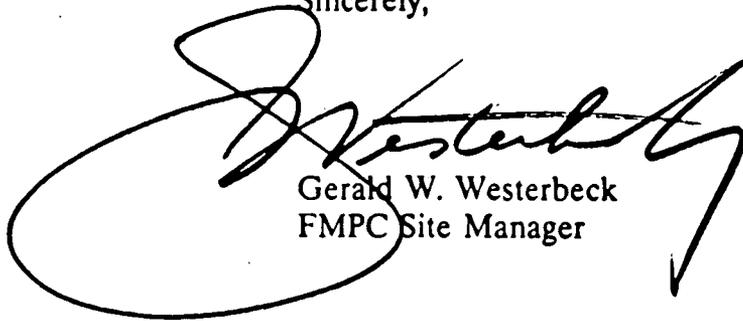
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample was higher than the range expected for naturally-occurring background uranium concentrations in this part of the country.



However, the result is consistent with those obtained and reported to you during the previous periods and no significant changes in the reported levels are apparent.

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Handwritten signature of Gerald W. Westerbeck in black ink, featuring a large, stylized initial 'G' and a long, sweeping horizontal stroke.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of [REDACTED]
 FMPC Site Off [REDACTED]
 P O Box 39871
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331 [REDACTED]

DEC 20 1990
 DOE-348-91

Best Panel Homes
 Attn: Manager
 11301 Paddy's Run Rd.
 Hamilton, Ohio 45013

Dear Sir:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

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<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of Energy
FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

1331

DEC 20 1990
DOE-348-91

Branch Hill Mobile Home Park
Attn: Manager
11200 Hamilton-Cleves Rd.
Harrison, Oh. 45030

Dear Sir:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

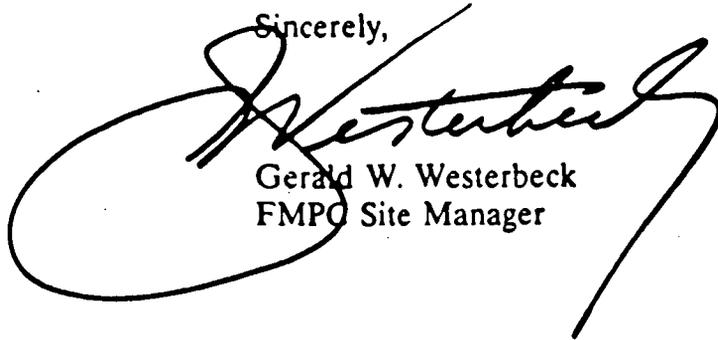
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<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of [REDACTED]
 FMPC Site Of [REDACTED]
 P.O. Box 398 [REDACTED]
 Cincinnati, Ohio 45208-0398
 (513) 738-6319

133 [REDACTED]

DEC 20 1990
 DOE-348-91

Delta Steel Corp.
 Attn: Ronald Poston
 P.O. Box 369
 Ross, Oh. 45061

Dear Mr. Poston:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	330	0.33	222.92

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States.



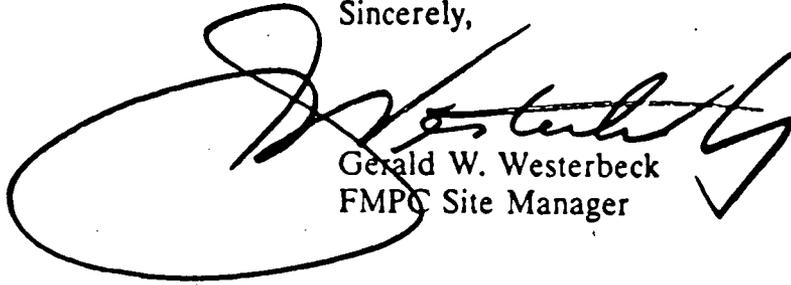
Delta Steel Corp.

-2-

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 obtained and reported to you during previous periods and no significant changes in the reported levels are apparent.

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



1031 [REDACTED]

DEC 20 1990
 DOE-348-91

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

Dear Mr. Divo:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Well 1)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
October 25, 1990	1.3	0.0013	0.88

<u>Sampling Date</u> (Well 2)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
October 25, 1990	0.8	0.0008	0.54

Mr. F. Divo

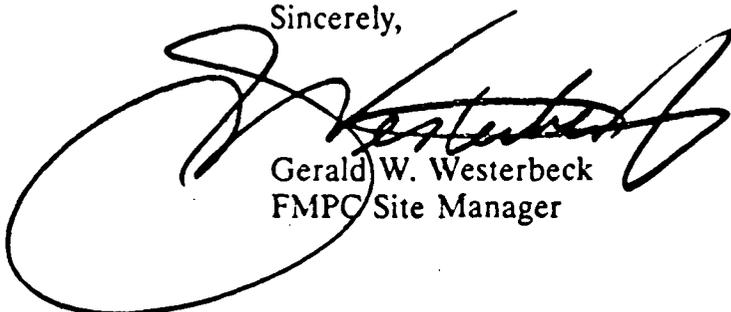
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1331

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If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of _____

FMPC Site Off
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

1331 _____

DEC 20 1990
DOE-348-91

Denier Electric
Attn: Manager
P.O. Box 308
Ross, Oh. 45061

Dear Sir:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.5	0.0005	0.34

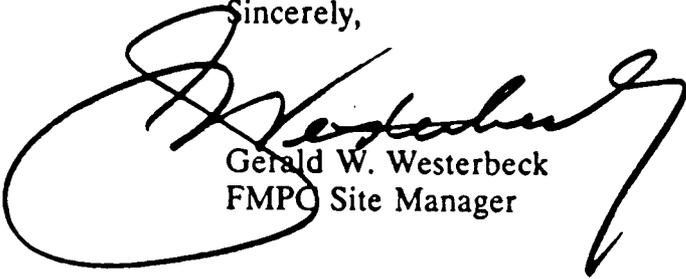
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Denier Electric

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of _____
FMPC Site 01
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

1331 _____

DEC 20 1990
DOE-348-91

Mrs. Verdie Estes

Dear Mrs. Estes:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	2.2	0.0022	1.49

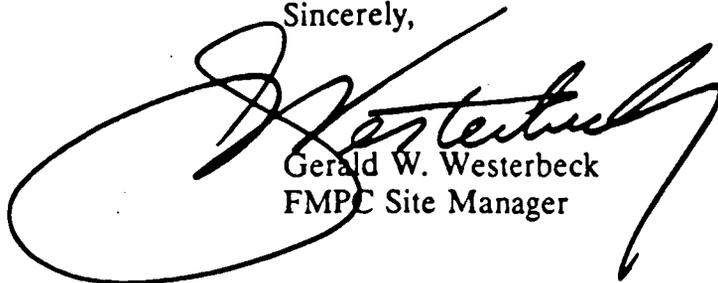
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mrs. V. Estes

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Fort Scott
 Attn: Ed Shannon
 6762 River Rd.
 Harrison, Oh. 45030

Dear Mr. Shannon:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.2	0.0002	0.14

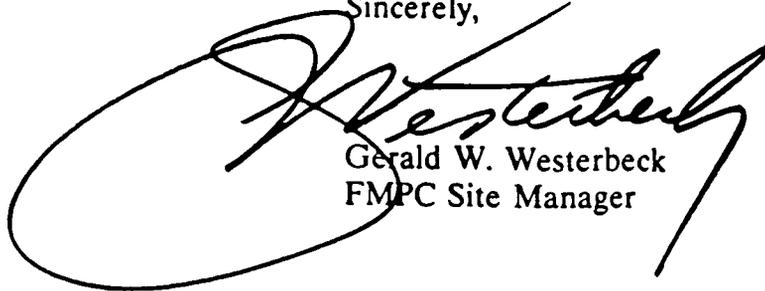
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. E. Shannon

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of —
 FMPC Site Off.
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Ms. Ann Harrigan
 [Redacted]

Dear Ms. Harrigan:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling at Branch Hill Mobile Home Park. The laboratory result from the month of October 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

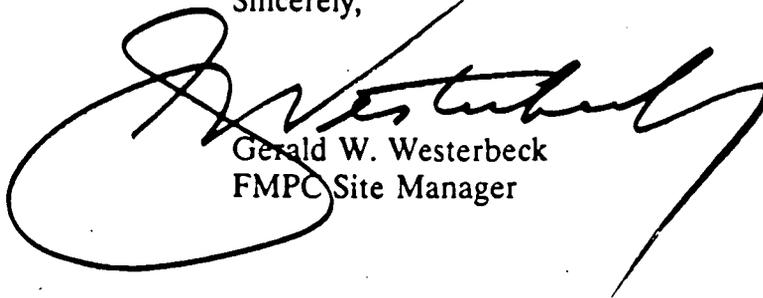
Ms. A. Harrigan

-2-

1331

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mrs. Dorothy Henshaw
 [Redacted]

Dear Mrs. Henshaw:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	.07

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample taken from [Redacted] is within the range expected for naturally-occurring background uranium concentrations in this part of the country.

Mrs. D. Henshaw

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DFC 20 1990
 DOE-348-91

Ms. Shellie Horn
 [Redacted]

Dear Ms. Horn:

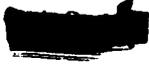
The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your cistern and other drinking water sources in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on drinking water quality.

The laboratory result from the fourth quarter of 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express drinking water data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.4	0.0004	0.27

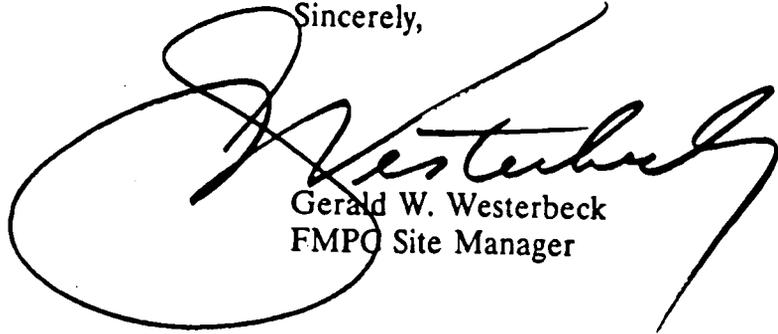
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 mg/L to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey 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 (0.0001 mg/L to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample was within the range expected for naturally occurring background uranium in this area.

Ms. Horn

-2- 

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. N. L. Burwinkel
 [Redacted]

Dear Mr. Burwinkel:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.6	0.0016	1.08

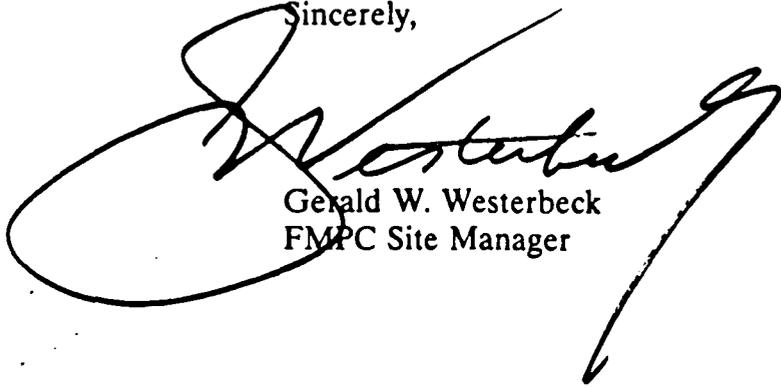
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. N. L. Burwinkel

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. Clayton Burton
 [Redacted]

Dear Mr. Burton:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.6	0.0016	1.08

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

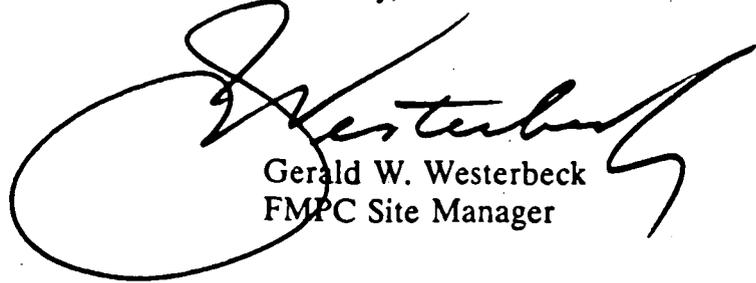
Mr. C. Burton

-2-

1331

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Westerbeck", written over a large, hand-drawn oval. The signature is fluid and cursive.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Ms. Maggie Merritt
 [Redacted]

Dear Ms. Merritt:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling at Branch Hill Mobile Home Park. The laboratory result from the month of October 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41

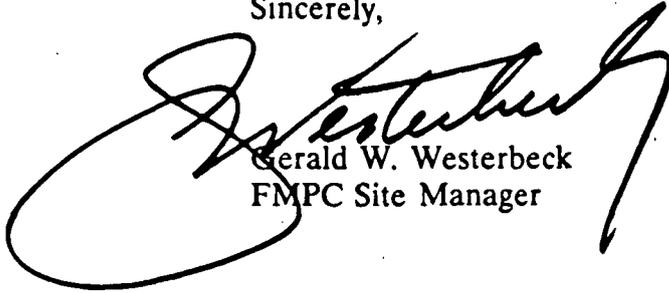
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. M. Merritt

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of —
 FMPC Site Off
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Miami Valley Ready Mix
 Attn: Lloyd Smith
 7466 New Haven Road
 Harrison, Oh. 45030

Dear Mr. Smith:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.3	0.0003	0.20

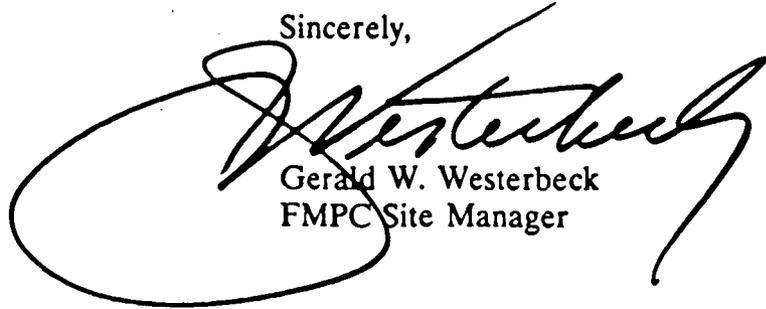
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Miami Valley Ready Mix

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of _____
 FMPC Site Of _____
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. Allen Minges

Dear Mr. Minges:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07

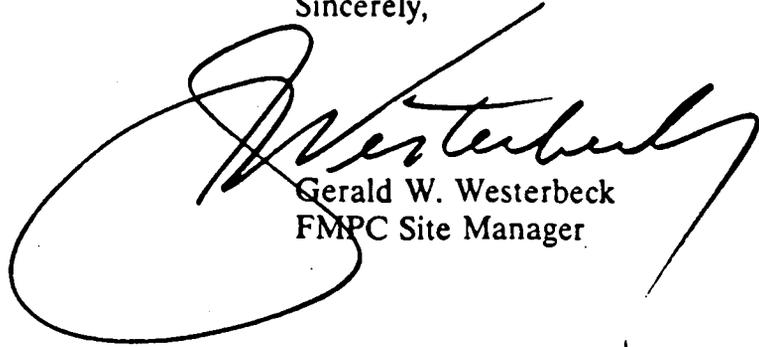
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. A. Minges

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department

FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

1331

DEC 20 1990
DOE-348-91

Mr. A. J. Nieman

Dear Mr. Nieman:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

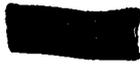
The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of October 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.9	0.0019	1.28

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

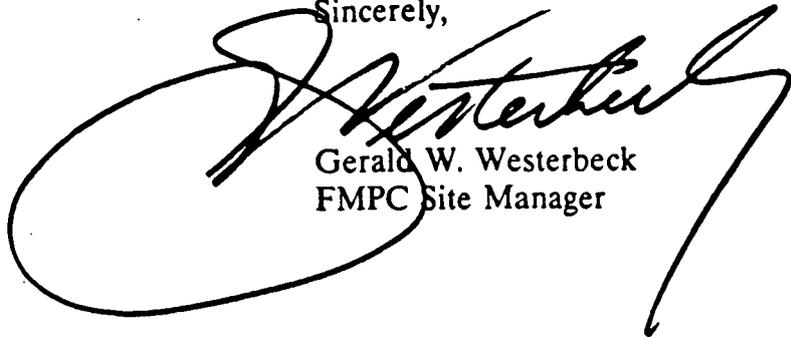
Mr. A. Nieman

-2-

1331


If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Ray Evers Welding Co., Inc.
 Attn: Manager
 4849 Blue Rock Rd.
 Cincinnati, Oh. 45239

Dear Sir:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ray Evers Welding Co.

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of [REDACTED]
 FMPC Site Offi
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331 [REDACTED]

DEC 20 1990
 DOE-348-91

Mr. Thomas Renck
 Renck's Nursery
 11765 Hamilton-Cleves Rd.
 Hamilton, Oh. 45013

Dear Mr. Renck:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Barn Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41
<u>Sampling Date</u> (House Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.4	0.0004	0.27

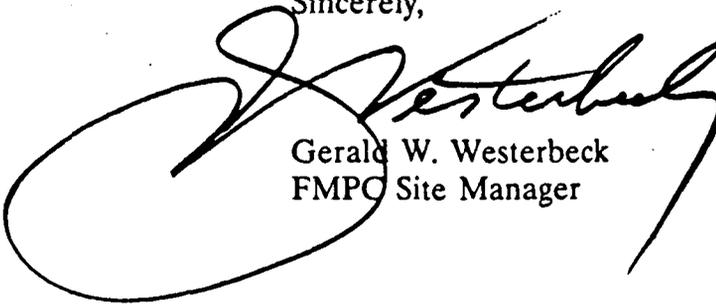
Mr. T. Renck

-2-

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your samples are within the range expected for naturally-occurring background uranium in this area.

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Ms. Nancy Riggs
 [Redacted]

Dear Ms. Riggs:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.8	0.0018	1.22

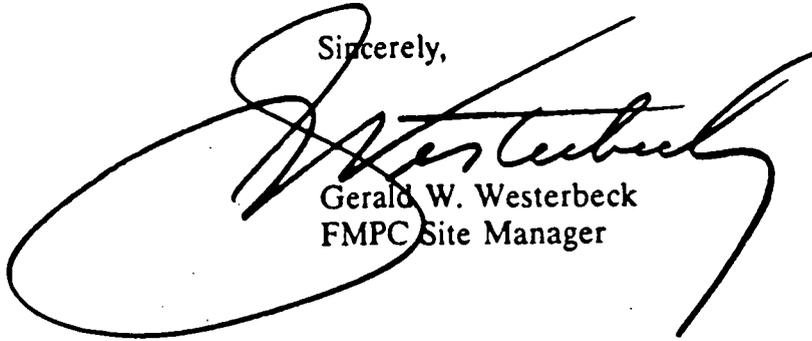
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. Riggs

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of Energy
 FMPC Site C
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. James Rolfes

Dear Mr. Rolfes:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

The laboratory result from the fourth quarter of 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express drinking water data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.4	0.0014	0.95

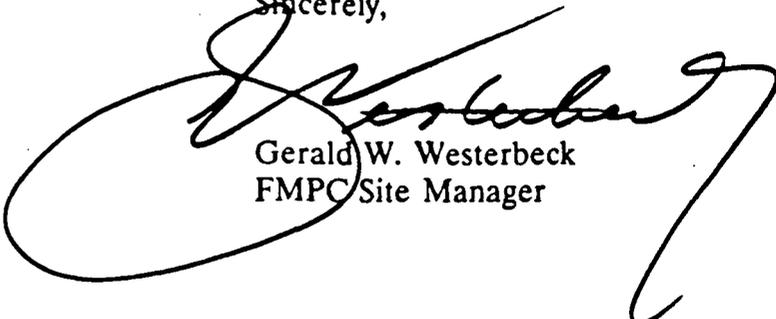
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. J. Rolfes

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of E

FMPC Site Office
P.O. Box 398706
Cincinnati, Ohio 45239-8705
(513) 738-6319

1331

DEC 20 1990
DOE-348-91

Ruetgers Nease, Inc.
Attn: Noah Pope
10740 Paddy's Run Rd.
Harrison, Oh. 45030

Dear Mr. Pope:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. N. Pope



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Ms. Stephanie Spade
 [Redacted]

Dear Ms. Spade:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your cistern and other drinking water sources 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 FMPC operations on drinking water quality.

The laboratory result from the fourth quarter of 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express drinking water data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.4	0.0004	0.27

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 mg/L to 0.0027 mg/L or 0.068 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 (0.0001 mg/L to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample was within the range expected for naturally occurring background uranium in this area.

Ms. Spade

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mrs. Doris Turner
 [Redacted]

Dear Mrs. Turner:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Barn Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.6	0.0006	0.41

<u>Sampling Date</u> (House Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.7	0.0007	0.47

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your samples are within the range expected for naturally-occurring background uranium in this area.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. Clayton Walther
 [Redacted]

Dear Mr. Walther:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.4	0.0014	0.95

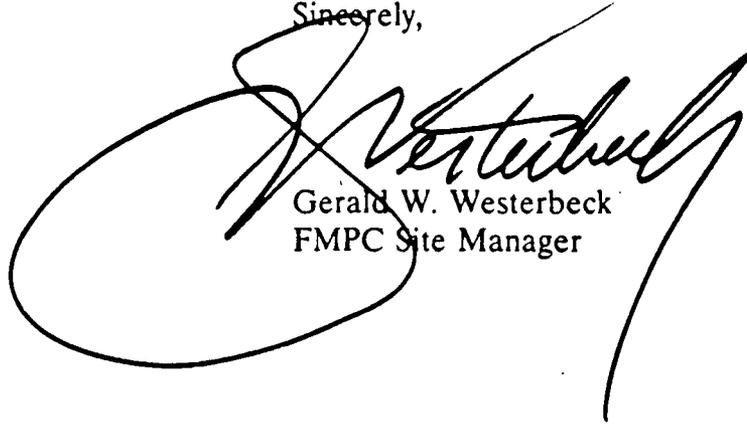
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. C. Walther

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of Energy

FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

1331

DEC 20 1990
DOE-348-91

Mr. William Knollman
[Redacted]

Dear Mr. Knollman:

Bill

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.1	0.0011	0.74

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. W. Knollman

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Gerald W. Westerbeck".

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of Energy
 FMPC Site Office
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331 [REDACTED]

DEC 20 1990
 DOE-348-91

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

Dear Mr. Knollman:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Old Well)	<u>(ppb)</u>	<u>Uranium Concentration</u>	
		<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	180	0.18	121.59
<u>Sampling Date</u> (New Well)	<u>(ppb)</u>	<u>Uranium Concentration</u>	
		<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.1	0.0001	0.07
<u>Sampling Date</u> (House Well)	<u>(ppb)</u>	<u>Uranium Concentration</u>	
		<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.6	0.0016	1.08

Mr. N. Knollman

-2-

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in the samples taken from the new well and the house well at 7308 Willey Road is within the range expected for naturally-occurring background uranium concentrations in this part of the country. The uranium concentration in the sample taken from the old (shallow) well at 7308 Willey Road was higher than the range expected for naturally-occurring background uranium concentrations in this part of the country. However, the results are consistent with those obtained and reported to you during the previous periods. No significant change in the reported levels is apparent.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis



Department of —
 FMPC Site Off.
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Mr. Donald Gieringer
 [Redacted]

Dear Mr. Gieringer:

The Feed Materials Production Center (FMPC), 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 FMPC operations on groundwater quality.

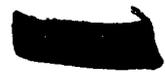
The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of October 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	0.9	0.0009	0.61

A groundwater study conducted by an independent consultant for the FMPC 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 (0.0001 to 0.0027 mg/L or 0.068 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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. D. Gieringer

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis





Department of —
 FMPC Site Of...
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6319

1331

DEC 20 1990
 DOE-348-91

Ms. Darlene Ramsey

Dear Ms. Ramsey:

The Feed Materials Production Center (FMPC), 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 FMPC 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 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
October 25, 1990	1.8	0.0018	1.22

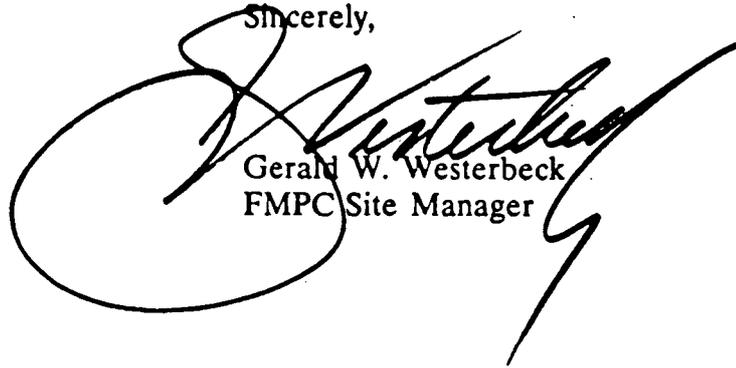
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (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 (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. Ramsey

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck
FMPC Site Manager

DP-84:Davis