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G-000-1012.135

**RESULTS OF WELL SAMPLING (2 LETTERS)**

06/26/95

DOE-1119-95  
DOE-FN       CITIZENS  
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LETTERS



Department of Energy  
Fernald Environmental Management Project  
P. O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 648-3155

JUN 26 1995  
DOE-1119-95

Mr. Melvin Knollman



Dear Mr. Knollman,

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well at [redacted] has been sampled biweekly during the month of April 1995. Also, samples were collected from the house well located at [redacted] and from the house at [redacted] during the month of April. An ion exchange system was installed in your home on June 18, 1992. This system is designed to remove the uranium from your well water by filtering the water through two columns.

Samples have been collected from three different sample points to determine the effectiveness of the system: untreated well water; treated water from the first column; and treated water from the second column. The results are expressed in Enclosure I in parts of uranium per billion parts of water (ppb), and picocuries of uranium per liter of water (pCi/L). Environmental Monitoring will continue to collect samples from these three points and provide you with the results on a monthly basis.

The Environmental Protection Agency (EPA) has proposed an interim drinking water standard for total uranium of 20 ppb (13.5 pCi/L). The uranium concentration in the samples from [redacted] are below this limit. However, the results from the sampling of the wells at [redacted] indicate levels of uranium above background and the interim EPA standard. The results from the water filtered through the ion exchange system (first and second columns) indicate that the uranium is being removed and that the uranium concentrations in the treated water are within the background range for this area (<0.1 ppb to 2.7 ppb).

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M. Knollman

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

Sincerely,

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

Enclosure: as stated

with efficiency of the system. The results are reported to you in the enclosed letter from the second station. The results are reported in micrograms per billion parts of water (ppbw) and are reported of the first and second stations. The results are reported in the enclosed letter from the second station.

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M. Knollman

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**ENCLOSURE I  
WELL WATER RESULTS**

SAMPLING LOCATION/ DATE	UNTREATED WELL WATER		1 <sup>st</sup> TREATED COLUMN		2 <sup>nd</sup> TREATED COLUMN	
	(ppb)	(pCi/L)	(ppb)	(pCi/L)	(ppb)	(pCi/L)
██████████ April 19, 1995	83.0	56.1	<0.1	<0.1	<0.1	<0.1
██████████ April 14, 1995	86.0	58.1	1.3	0.9	<0.1	<0.1
██████████ April 14, 1995	2.2	1.5				

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Fernald Environmental Management Project  
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JUN 26 1995  
DOE-1119-95

Mr. William Knollman



Dear Mr. Knollman,

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well at [redacted] has been sampled biweekly during the month of April 1995. Also, samples were collected from the house well located at [redacted] and from the house at [redacted] during the month of April. An ion exchange system was installed in your home on June 18, 1992. This system is designed to remove the uranium from your well water by filtering the water through two columns.

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W. Knollman

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

Sincerely,



Walter J. Quaider

Acting Associate Director

Safety, Operations, & Technical Support

Enclosure: as stated

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W. Knollman

ENCLOSURE I  
WELL WATER RESULTS

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