

Mr. Ray Mead

- 1 -

DEC 10 1990

Mr. Ray Mead  
Town of Grafton  
Selectmen's Board  
30 Providence Road  
Grafton, MA 01519

Dear Mr. Mead:

In accordance with our agreement we are enclosing the analytical data for the groundwater samples obtained from wells adjacent to the magnesium-thorium disposal area at the Wyman-Gordon site in North Grafton and five private wells in the vicinity of the Wyman-Gordon site. These samples were filtered in accordance with the Environmental Protection Agency's (EPA's) sampling procedures. Our analyses were performed by the Radiological and Environmental Sciences Laboratory (RESL) in Idaho Falls, ID. Gross alpha measurements on all the samples indicate concentrations are below the EPA drinking water requirements of 15 pCi/l. The RESL gross beta measurements indicate concentrations less than 6 pCi/l. Compliance with the EPA drinking water requirements is assumed without further analysis if the average annual concentration of gross beta activity is less than 50 pCi/l and if tritium is less than 20,000 pCi/l and strontium-90 is less than 8 pCi/l. The gross beta measurements indicate compliance with EPA groundwater standards.

We also received unfiltered groundwater samples. These samples are currently undergoing isotopic analysis at RESL. We expect to have results from these assays by January 15, 1991. We will transmit these data to you when we receive them.

If you have any questions, please contact me at 301-492-0558.

Sincerely,

ORIGINAL SIGNED BY  
Timothy C. Johnson

Timothy C. Johnson, Section Leader  
Decommissioning Section  
Division of Low-Level Waste Management  
and Decommissioning

Enclosure: As stated

Distribution:	Central File#	NMSS r/f	LLRB r/f	TCJohnson
JAustin	JGreeves	RBangart	JKinneman, RI	MKnapp, RI
JSurmeier	PLohaus			
PDR YES	<input checked="" type="checkbox"/>	NO	___	Category: Proprietary ___ or CF Only ___
ACNW YES	<input checked="" type="checkbox"/>	NO	___	
SUBJECT ABSTRACT:	GROUNDWATER SAMPLES			

OFC :LLRB :LLRB :

NAME:TCJohnson :JAustin :

DATE:12/10/90 :12/10/90 :

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PDR WASTE PDR  
WM-3

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Wm-3  
409.22  
NCL4

Ms. Sheila Ide

- 1 -

DEC 10 1990

Ms. Sheila Ide  
town of Grafton  
Selectmen's Board  
30 Providence Road  
Grafton, MA 01519

Dear Ms. Ide:

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SUBJECT ABSTRACT:      GROUNDWATER SAMPLES

OFC :LLRB      :LLRB      :  
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DATE:12/10/90      :12/10/90 :

Mr. Neil O'Leary

- 1 -

DEC 10 1990

Mr. Neil O'Leary  
Department of Environmental  
Protection  
75 Grove Street  
Worcester, MA 01605

Dear Mr. O'Leary:

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DATE:12/10/90 :12/10/90 :

Mr. Robert T. Watkins

- 1 -

DEC 10 1990

Mr. Robert T. Watkins  
Radiation Control Program  
Department of Public Health  
150 Tremont Street  
Boston, MA 02111

Dear Mr. Watkins:

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DEC 10 1990

Mr. Frank W. Clark  
GZA  
140 Broadway  
Providence, RI 02903

Dear Mr. Clark:

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Mr. Jack Driscoll

- 1 -

DEC 10 1990

The Honorable Jack Driscoll  
State Legislator  
State House, Room 548  
Boston, MA 02133

Dear Mr. Driscoll:

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SUBJECT ABSTRACT: GROUNDWATER SAMPLES

OFC :LLRB :LLRB :

NAME:TCJohnson :JAustin :

DATE:12/10/90 :12/10/90 :

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Senator Houston

- 3 -

DEC 10 1990

The Honorable John Houston  
State Senator  
72 Cambridge Street, Room 210  
Worcester, MA 01603

Dear Mr. Houston:

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