AMERICAN NUCLEAR CORPORATION

William C. Salisbury, President
Telephone (307) 265-7912

P.O. Box 2713
Casper, Wyoming 82602

April 24, 1999

Joseph J. Holonich, Chief
High-Level Waste and Uranium Recovery
Projects Branch - MS-T7J9
Division of Waste Management
Office of Nuclear Material Safety and Safeguards
11545 Rockville Pike
Rockville, Maryland 20555-0001

Re: Docket No. 40-4492
License No. SUA-667

Dear Mr. Holonich:

Please find enclosed the 1998 Annual Report for NRC SUA-667. Included in this report is the information required pursuant to license conditions numbers 13, 27 and 29.

Sincerely,

William C. Salisbury
President

Enclosure (5)

xc: Director of Radiation Safety and Safeguards
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

NLOS

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PDR ADOCK 04004492
C PDR

1998 ANNUAL REPORT

U. S. NUCLEAR REGULATORY COMMISSION
SUA NO. 667

AMERICAN NUCLEAR CORPORATION
P. O. BOX 2713
CASPER, WY 82602

AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

First Quarter 1998 Water Results

Sample Location	Sample Type	Radionuclide	Radionuclide Concentration		Lower Limit of Detection
			μCi/mL	Error Est. ±	μCi/mL
Well TP 2-2	*Ground*	^{226}Radium ± ^{228}Radium Combined	* 1.6E-08	1.3E-09	1.0E-09
		^{230}Thorium	*	-	2.0E-10
		Gross Alpha	*	-	1.0E-09
		^{Nat}Uranium	1.4E-08	-	2.0E-10
Well TP 2-3	*Ground*	^{226}Radium ± ^{228}Radium Combined	* 7.0E-09	4.0E-10	1.0E-09
		^{230}Thorium	*	-	2.0E-10
		Gross Alpha	*	-	1.0E-09
		^{Nat}Uranium	4.2E-07	-	2.0E-10
Well R-4	*Ground*	^{226}Radium ± ^{228}Radium Combined	2.1E-08	1.8E-09	1.0E-09
		^{230}Thorium	1.6E-07	6.0E-09	2.0E-10
		Gross Alpha	5.6E-08	5.4E-09	1.0E-09
		^{Nat}Uranium	2.0E-06	-	2.0E-10
Willow Springs	*Surface*	SHORT LIST REQUIRED			

* Wells were worked over and sampler collected insufficient sample volume for analyses

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Second Quarter 1998 Water Results

Sample Location	Sample Type	Radionuclide	Radionuclide Concentration µCi/mL	Error Est. ±	Lower Limit of Detection µCi/mL
Well TP 2-2	*Ground*	^{226}Radium ± ^{228}Radium Combined	SHORT LIST REQUIRED		
		^{230}Thorium			
		Gross Alpha			
		^{Nat}Uranium			
Well TP 2-3	*Ground*	^{226}Radium ± ^{228}Radium Combined	SHORT LIST REQUIRED		
		^{230}Thorium			
		Gross Alpha			
		^{Nat}Uranium			
Well R-4	*Ground*	^{226}Radium ± ^{228}Radium Combined	SHORT LIST REQUIRED		
		^{230}Thorium			
		Gross Alpha			
		^{Nat}Uranium			
Willow Springs	*Surface*	SHORT LIST REQUIRED			

AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Third Quarter 1998 Water Results

Sample Location	Sample Type	Radionuclide	Radionuclide Concentration		Lower Limit of Detection
			μCi/mL	Error Est. ±	μCi/mL
Well TP 2-2	*Ground*	^{226}Radium ± ^{228}Radium Combined	* 2.5E-08	3.5E-09	1.0E-09
		^{230}Thorium	<2.0E-10	-	2.0E-10
		Gross Alpha	1.3E-08	1.2E-09	1.0E-09
		^{Nat}Uranium	2.6E-08	-	2.0E-10
Well TP 2-3	*Ground*	^{226}Radium ± ^{228}Radium Combined	* 1.5E-08	3.2E-09	1.0E-09
		^{230}Thorium	<2.0E-10	-	2.0E-10
		Gross Alpha	6.9E-09	5.0E-10	1.0E-09
		^{Nat}Uranium	8.4E-07	-	2.0E-10
Well R-4	*Ground*	^{226}Radium ± ^{228}Radium Combined	2.1E-08	1.8E-09	1.0E-09
		^{230}Thorium	1.6E-07	6.0E-09	2.0E-10
		Gross Alpha	5.6E-08	5.4E-09	1.0E-09
		^{Nat}Uranium	2.0E-06	-	2.0E-10
Willow Springs	*Surface*	SHORT LIST REQUIRED			

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Fourth Quarter 1998 Water Results

Sample Location	Sample Type	Radionuclide	Radionuclide Concentration		Lower Limit of Detection
			μCi/mL	Error Est. ±	μCi/mL
Well TP 2-2	*Ground*	^{226}Radium ± ^{228}Radium Combined	SHORT LIST REQUIRED		
		^{230}Thorium			
		Gross Alpha			
		^{Nat}Uranium			
Well TP 2-3	*Ground*	^{226}Radium ± ^{228}Radium Combined	SHORT LIST REQUIRED		
		^{230}Thorium			
		Gross Alpha			
		^{Nat}Uranium			
Well R-4	*Ground*	^{226}Radium ± ^{228}Radium Combined	SHORT LIST REQUIRED		
		^{230}Thorium			
		Gross Alpha			
		^{Nat}Uranium			
Willow Springs	*Surface*	SHORT LIST REQUIRED			

AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Vegetation Sample Results For 1998

Sample Location	Radionuclide	Radionuclide Concentration		* Lower Limit of Detection
		µCi/kg	Error Est. ±	µCi/kg
#1 June 1998	^{226}Radium	1.9E-05	2.1E-06	5.0E-08
	^{226}Radium	6.0E-05	3.5E-06	2.1E-07
June	^{210}Lead	7.8E-05	1.3E-05	1.0E-06
	^{210}Lead	1.2E-04	9.7E-06	1.1E-06
#2 June 1998	^{226}Radium	1.4E-05	1.9E-06	5.0E-08
	^{226}Radium	4.6E-05	3.3E-06	2.1E-07
June	^{210}Lead	3.3E-05	4.0E-06	1.0E-06
	^{210}Lead	8.3E-05	8.8E-06	1.1E-06
#3 June 1998	^{226}Radium	2.4E-05	2.3E-06	5.0E-08
	^{226}Radium	5.6E-05	3.6E-06	2.1E-07
June	^{210}Lead	4.5E-05	4.2E-06	1.0E-06
	^{210}Lead	1.0E-04	9.3E-06	1.1E-06

The laboratory can obtain the detection limits as indictaed in Regulatory Guide 4.14, however, it is impractical to obtain approximately 17 pounds of vegetation to achieve the detection limit. The Regulatory Guide states "...the standard deviation estimated for random error of the analysis should be no greater than 10% of the measured value."

#1 = Northeast

#2 = East

#3 = Southeast

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Environmental TLD Summary for the First & Second Quarters of 1998

All Readings in mR

Sample Location (some locations are same as high volume air samplers)	First Quarter	Second Quarter	Total	Average per Quarter
#2 Corrals Upwind restricted area boundary	60	67	127	63.5
#3 Pubble Springs Ranch	NO SAMPLE REQUIRED			
#4 Well #13 Downwind restricted area boundary	46	58	104	52.0
#5 NECORA NE Corner of restricted area boundary	33	43	76	38.0
#6 LOCO Shop	NO SAMPLE REQUIRED			
#7 Office	31	38	69	34.5
#8 Control	14	15	29	14.5

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT Environmental TLD Summary for the Third & Fourth Quarters of 1998 All Readings in mR				
Sample Location (some locations are same as high volume air samplers)	Third Quarter	Fourth Quarter	Total	Average per Quarter
#2 Corrals *Upwind restricted area boundary*	62	62	124	62.0
#3 Pubble Springs Ranch	NO SAMPLE REQUIRED			
#4 Well #13 *Downwind restricted area boundary*	54	37	91	45.5
#5 NECORA *NE Corner of restricted area boundary*	40	49	89	44.5
#6 LOCO Shop	NO SAMPLE REQUIRED			
#7 Office	36	35	71	35.5
#8 Control	12	13	25	12.5

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Soil Sample Results For 1998

Sample Location (same locations as high volume air samplers)	Radionuclide	Radionuclide Concentration		Lower Limit of Detection
		μCi/gm	Error Est. ±	μCi/gm
#2 Corrals	^{226}Radium	1.4E-05	4.0E-07	4.0E-08
	^{210}Lead	7.9E-06	6.0E-07	4.0E-08
	^{Nat}Uranium	2.1E-05	-	4.0E-08
#3 Pubble Springs	NO SAMPLE REQUIRED			
#4 Well #13	^{226}Radium	1.3E-05	4.0E-07	4.0E-08
	^{210}Lead	6.8E-06	5.0E-07	4.0E-08
	^{Nat}Uranium	1.4E-05	-	4.0E-08
#5 NECORA	^{226}Radium	1.3E-06	1.0E-07	4.0E-08
	^{210}Lead	9.0E-07	2.0E-07	4.0E-08
	^{Nat}Uranium	1.2E-06	-	4.0E-08
#6 LOCO Shop	NO SAMPLE REQUIRED			

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Quarterly Water Quality

1st through 4th Quarters 1998

Well I.D.		TP-2-2	TP-2-2	TP-2-2	TP-2-2
Type		Ground	Ground	Ground	Ground
Water Level		-	-	-	-
Quarter		First*	Second	Third	Fourth
Lab I.D. 1998		11489	33976	98-44394	98-75694
Parameters, mg/L	***Detection Limit***				
Sulfate	1.0	587	575	578	573
Chloride	1.0	23.1	21.3	21.0	19.8
Nitrate + Nitrite as N	0.10	<0.10	0.56	0.32	0.41
TDS	1.0	1120	1140	1150	1150
pH, std. units	1-14	8.05	7.14	7.69	7.07
Beryllium	0.01	*		<0.01	
Cadmium	0.01	<0.01		<0.01	
Cyanide	0.005	*		<0.005	
Nickel	0.05	<0.05		<0.05	
Selenium	0.001	0.001		0.002	
Vanadium	0.10	<0.10		<0.10	
Radiochemical					
^{Nat}Uranium, mg/L	0.0003	0.022		0.038	
^{226}Radium, pCi/L	0.2	16.3		12.6	
^{226}Ra +/-	-	1.3		0.8	
^{228}Radium, pCi/L	1.0	*		12.5	
^{228}Ra +/-	-	*		2.7	
^{230}Thorium, pCi/L	0.2	*		<0.2	
^{230}Th +/-	-	*			
Gross Alpha, pCi/L	1.0	*		13.0	
GA +/-	-	*		1.2	

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Quarterly Water Quality

1st through 4th Quarters 1998

Well I.D.		TP-2-3	TP-2-3	TP-2-3	TP-2-3
Type		Ground	Ground	Ground	Ground
Water Level		-	-	-	-
Quarter		First*	Second	Third	Fourth
Lab I.D. 1998		11490	33975		
Parameters, mg/L	***Detection Limit***				
Sulfate	1.0	966	988	1060	1010
Chloride	1.0	74.6	61.5	68.0	63.6
Nitrate + Nitrite as N	0.10	5.17	5.35	5.65	5.47
TDS	1.0	1660	1700	1860	1800
pH, std. units	1-14	7.82	6.95	7.59	7.13
Beryllium	0.01	*		<0.01	
Cadmium	0.01	<0.01		<0.01	
Cyanide	0.005	*		<0.005	
Nickel	0.05	<0.05		<0.05	
Selenium	0.001	0.035		0.018	
Vanadium	0.10	<0.10		<0.10	
Radiochemical					
^{Nat}Uranium, mg/L	0.0003	0.623		1.24	
^{226}Radium, pCi/L	0.2	7.0		5.8	
^{226}Ra +/-	-	0.4		0.6	
^{228}Radium, pCi/L	1.0	*		8.9	
^{228}Ra +/-	-	*		2.6	
^{230}Thorium, pCi/L	0.2	*		<0.2	
^{230}Th +/-	-	*			
Gross Alpha, pCi/L	1.0	*		6.9	
GA +/-	-	*		0.5	

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Quarterly Water Quality

1st through 4th Quarters 1998

Well I.D.		R-4	R-4	R-4	R-4
Type		Ground	Ground	Ground	Ground
Water Level		-	-	-	-
Quarter		First	Second	Third	Fourth
Lab I.D. 1998		15697	35023		
Parameters, mg/L	***Detection Limit***				
Sulfate	1.0	5360	5850	5400	5470
Chloride	1.0	321	292	287	258
Nitrate + Nitrite as N	0.10	8.12	1.24	3.41	6.67
TDS	1.0	8150	8740	8430	7940
pH, std. units	1-14	3.61	3.75	3.78	3.76
Beryllium	0.01	0.14		0.12	
Cadmium	0.01	0.08		0.08	
Cyanide	0.005	<0.005		<0.005	
Nickel	0.05	2.20		2.07	
Selenium	0.001	0.186		0.233	
Vanadium	0.10	0.20		0.11	
Radiochemical					
^{Nat}Uranium, mg/L	0.0003	2.94		2.91	
^{226}Radium, pCi/L	0.2	11.0		14.4	
^{226}Ra +/-	-	1.0		1.2	
^{228}Radium, pCi/L	1.0	10.1		42.1	
^{228}Ra +/-	-	0.8		2.8	
^{230}Thorium, pCi/L	0.2	161		90.2	
^{230}Th +/-	-	6.0		4.7	
Gross Alpha, pCi/L	1.0	56		29.8	
GA +/-	-	5.4		2.9	

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AMERICAN NUCLEAR CORPORATION - GAS HILLS PROJECT

Quarterly Water Quality

1st through 4th Quarters 1997

Well I.D.		Willow Springs	Willow Springs	Willow Springs	Willow Springs
Type		Surface	Surface	Surface	Surface
Water Level		-	-	-	-
Quarter		First	Second	Third	Fourth
Lab I.D. 1998		-	28297	-	98-64492
Parameters, mg/L	***Detection Limit***				
Sulfate	1.0	D	1640	D	1790
Chloride	1.0	E	124	E	117
Nitrate + Nitrite as N	0.10	R	4.36	R	5.04
TDS	1.0	I	3490	I	3510
pH, std. units	1-14	U	6.95	U	7.35
Beryllium	0.01	Q		Q	
Cadmium	0.01	E		E	
Cyanide	0.005	R		R	
Nickel	0.05				
Selenium	0.001	E		E	
Vanadium	0.10	L		L	
Radiochemical		P		P	
^{Nat}Uranium, mg/L	0.0003	M		M	
^{226}Radium, pCi/L	0.2	A		A	
^{226}Ra +/-	-	S		S	
^{228}Radium, pCi/L	1.0				
^{228}Ra +/-	-	O		O	
^{230}Thorium, pCi/L	0.2	N		N	
^{230}Th +/-	-				
Gross Alpha, pCi/L	1.0				
GA +/-	-				

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HIGH VOLUME AIR SAMPLING REPORT

CLIENT: AMERICAN NUCLEAR CORPORATION

REPORT DATE: February 16, 1999

SAMPLE ID: CORRALS

Quarter/Date Sampled Air Volume	Radionuclide	Conc. µCi/mL	Error Est. µCi/mL	L.L.D. µCi/mL	Eff. Conc.* µCi/mL	% Eff. Conc. %
98-21870	^{nat}U	1.62E-16	N/A	1.00E-16	9.00E-14	1.80E-01
12/31/97-04/02/98	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
8.65E+09	^{210}Pb	1.11E-14	7.17E-16	2.00E-15	6.00E-13	1.86E+00
8.65E+09	^{222}Rn	Background = 1.4E-9				
98-39655	^{nat}U	4.74E-16	N/A	1.00E-16	9.00E-14	5.26E-01
04/02/98-07/01/98	^{230}Th	5.56E-16	1.71E-16	1.00E-16	3.00E-14	1.85E+00
Air Volume in mLs	^{226}Ra	4.55E-15	3.99E-16	1.00E-16	9.00E-13	5.06E-01
7.01E+09	^{210}Pb	1.10E-14	9.99E-16	2.00E-15	6.00E-13	1.84E+00
7.01E+09	^{222}Rn	Background = 1.9E-9				
98-60341	^{nat}U	1.94E-16	N/A	1.00E-16	9.00E-14	2.15E-01
07/01/98-09/30/98	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
5.30E+09	^{210}Pb	1.03E-14	8.25E-16	2.00E-15	6.00E-13	1.72E+00
7.01E+09	^{222}Rn	Background = 2.6E-9				
99-10694	^{nat}U	4.53E-16	N/A	1.00E-16	9.00E-14	5.04E-01
09/30/98-01/04/99	^{230}Th	2.96E-16	1.09E-16	1.00E-16	3.00E-14	9.86E-01
Air Volume in mLs	^{226}Ra	6.70E-16	3.11E-17	1.00E-16	9.00E-13	7.44E-02
6.10E+09	^{210}Pb	7.10E-15	6.54E-16	2.00E-15	6.00E-13	1.18E+00
7.01E+09	^{222}Rn	Background = 2.6E-9				

Final sample volume is 0.95 liter
LLD's are from Reg. Guide 4.14
Effluent Concentration from the NEW CFR10 Part 20 - Appendix B - Table 2
Year for Natural Uranium
Year for Thorium-230
Week for Radium-226
Day for Lead-210

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HIGH VOLUME AIR SAMPLING REPORT

CLIENT: **AMERICAN NUCLEAR CORPORATION**

REPORT DATE: **February 16, 1999**

SAMPLE ID: **NECOR**

Quarter/Date Sampled Air Volume	Radionuclide	Conc. µCi/mL	Error Est. µCi/mL	L.L.D. µCi/mL	Eff. Conc.* µCi/mL	% Eff. Conc. %
98-21871	^{nat}U	2.49E-16	N/A	1.00E-16	9.00E-14	2.76E-01
12/31/97-04/02/98	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	2.49E-16	6.22E-17	1.00E-16	9.00E-13	2.76E-02
8.04E+09	^{210}Pb	9.58E-15	7.21E-16	2.00E-15	6.00E-13	1.60E+00
8.04E+09	^{222}Rn	< Background				
98-39654	^{nat}U	2.67E-16	N/A	1.00E-16	9.00E-14	2.97E-01
04/02/98-07/01/98	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	1.27E-16	5.09E-17	1.00E-16	9.00E-13	1.41E-02
7.86E+09	^{210}Pb	7.90E-15	4.71E-16	2.00E-15	6.00E-13	1.32E+00
7.86E+09	^{222}Rn	< Background				
98-60340	^{nat}U	1.94E-16	N/A	1.00E-16	9.00E-14	2.15E-01
07/01/98-09/30/98	^{230}Th	1.95E-16	9.10E-17	1.00E-16	3.00E-14	6.50E-01
Air Volume in mLs	^{226}Ra	1.69E-16	1.30E-17	1.00E-16	9.00E-13	1.88E-02
7.31E+09	^{210}Pb	1.25E-14	6.89E-16	2.00E-15	6.00E-13	2.08E+00
7.86E+09	^{222}Rn	< Background				
99-10693	^{nat}U	2.14E-16	N/A	1.00E-16	9.00E-14	2.38E-01
09/30/98-01/04/99	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	< 1.00E-16	NA	1.00E-16	9.00E-13	< 1.11E-02
7.50E+09	^{210}Pb	1.15E-14	6.46E-16	2.00E-15	6.00E-13	1.92E+00
7.86E+09	^{222}Rn	1.00E-10	above background			

Final sample volume is 0.95 liter
LLD's are from Reg. Guide 4.14
Effluent Concentration from the NEW CFR10 Part 20 - Appendix B - Table 2
Year for Natural Uranium
Year for Thorium-230
Week for Radium-226
Day for Lead-210

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HIGH VOLUME AIR SAMPLING REPORT

CLIENT: **AMERICAN NUCLEAR CORPORATION**

REPORT DATE: **February 16, 1999**

SAMPLE ID: **WELL #13**

Quarter/Date Sampled Air Volume	Radionuclide	Conc. µCi/mL	Error Est. µCi/mL	L.L.D. µCi/mL	Eff. Conc.* µCi/mL	% Eff. Conc. %
98-21872	^{nat}U	1.07E-16	N/A	1.00E-16	9.00E-14	1.19E-01
12/31/97-04/02/98	^{230}Th	1.49E-16	9.61E-17	1.00E-16	3.00E-14	4.98E-01
Air Volume in mLs	^{226}Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
9.37E+09	^{210}Pb	8.21E-15	6.19E-16	2.00E-15	6.00E-13	1.37E+00
9.37E+09	^{222}Rn	< Background				
98-39653	^{nat}U	1.58E-16	N/A	1.00E-16	9.00E-14	1.75E-01
04/02/98-07/01/98	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	1.28E-16	4.67E-17	1.00E-16	9.00E-13	1.43E-02
8.57E+09	^{210}Pb	1.13E-14	8.75E-16	2.00E-15	6.00E-13	1.89E+00
8.57E+09	^{222}Rn	1.00E-10	above background			
98-60339	^{nat}U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
07/01/98-09/30/98	^{230}Th	< 1.00E-16	N/A	1.00E-16	3.00E-14	< 3.33E-01
Air Volume in mLs	^{226}Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
9.38E+09	^{210}Pb	1.05E-14	1.04E-15	2.00E-15	6.00E-13	1.75E+00
8.57E+09	^{222}Rn	< Background				
99-10692	^{nat}U	1.76E-16	N/A	1.00E-16	9.00E-14	1.95E-01
09/30/98-01/04/99	^{230}Th	1.29E-16	5.39E-17	1.00E-16	3.00E-14	4.31E-01
Air Volume in mLs	^{226}Ra	2.70E-16	2.16E-17	1.00E-16	9.00E-13	3.00E-02
8.81E+09	^{210}Pb	9.91E-15	5.50E-16	2.00E-15	6.00E-13	1.65E+00
8.57E+09	^{222}Rn	< Background				

Final sample volume is 0.95 liter
LLD's are from Reg. Guide 4.14
Effluent Concentration from the NEW CFR10 Part 20 - Appendix B - Table 2
Year for Natural Uranium
Year for Thorium-230
Week for Radium-226
Day for Lead-210

ANNUAL LAND USE SURVEY
WITHIN 5 MILES OF THE RESTRICTED AREA BOUNDARY
LICENSE CONDITION NO. 27

1998-1999

General land uses during 1998-1999 within five miles of the American Nuclear Corporation (ANC) restricted boundary have not changed from previous years.

PRIVATE RESIDENCES

The Puddle Springs Ranch, located 2.5 miles west of the ANC mill site, is not inhabited year round. The ranch is occupied occasionally during the grazing season. There are no permanent residents at the Pathfinder Mines mill site, located 1.75 miles to the northeast. There are no other permanent residences within 5 miles of the ANC restricted area.

GRAZING AREA

The grazing rights on BLM and private lands within 5 miles of the ANC restricted area are leased or owned by the Philip Sheep Company. Cattle were grazed in the area from May through November.

RECREATION USES

The area is used for seasonal hunting of deer, antelope, sage hens, rabbits and coyotes.

POTABLE AND AGRICULTURAL WELLS

Potable water sources within 5 miles of the ANC restricted area are at the Pathfinder Mines mill site. There are no livestock wells in the area.

NON-RESIDENTIAL STRUCTURES

Pathfinder Mines' mill site is located 1.75 miles to the northeast of the ANC restricted area. Pathfinder and UMETCO Minerals Corporation are continuing reclamation activities at their mine and mill sites. The Wyoming AML program is reclaiming abandoned uranium mine pits approximately 1 to 2 miles west of the mill site. No uranium mining or milling has occurred during the past year.