

**Unknown**

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**Sent:** Tuesday, January 10, 2006 6:27 AM

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**From:** Sachatello, Ronald

**Sent:** Monday, January 09, 2006 4:49 PM

**To:** Leach, Dor; Hinrichs, Gary; Jones, T. R.; Skonieczny, John; Drake, Richard; Nuta, Dragos A; Deeds, Paul; Bode, Paul M.; English, Christopher; Peters, James; Sandike, Steven; Wilson, Daniel; Gray, Dara; Kulaga, Joe; Morin, Kenneth; Croulet, Donald; Durfee, Michael; Santis, Hank; Lavera, Ron; Thiery, Al; Evers, Bob; McMullin, Kathy; Burns, Thomas; Daniele, John C.; Zolotas, George T; Zolotas, William; Steets, Jim

**Cc:** Axelson, William L; Mayer, Don; Sachatello, Ronald

**Subject:** MONITORING WELL STATUS-JANUARY 9, 1600 HOURS



Progress and status today:

- MW-32                      Drilled to depth 181', 19' left to drill ( 200' terminal depth well )  
When complete, develop well and install temporary Packer and sample
  
- MW-31                      Performed GZA telemetry checks on well today  
Possible temporary Packer installation tomorrow or Wednesday then sample
  
- MW-36/37                      Electric Drill machine for these 2 wells staged outside U-2 Turbine Building
  
- Communication:s:              Sent updated information to NRC and State of New York on current status
  
- Unit 3                        Looking at sample options and locations for U-3 Storm drains  
Will be sampling U-3 storm drains in next few days

AL5

# MONITORING WELL STATUS (Jan 9, 2006-1600 hours)

<u>Well Number</u>	<u>Location</u>	<u>Status</u>	<u>Next Step</u>	<u>Current Results</u>	<u>(Highest Historical Value)</u>
MW-111	Transformer Yard	Baseline Sample PT	Current result:	113,000 pCi/l (01/06/06)	302,000 pCi/l (11/04/05)
MW-30	U-2 SFB	Not in Service Adding casings to reach 80'el	Add permanent Packer	Raw Water: Packer test Water:	399,000 pCi/l (11/23/05) 600,000 pCi/l (11/24/05)
MW-31	MOB side walk	Well Installed	Sampled 12/30/05 Install temporary Packer		4,060 pCi/l (12/30/05)
MW-32	U-2 SFB Alley Way	Drilled approximately 181'	19' left to drill-complete drilling Develop well, install temporary Packer		
MW-33	Transformer Yard	Well installed	Sampled water (01/06/06)	189,000pCi/l	220,000 pCi/l (12/30/05)
MW-34	Transformer Yard	Well installed	Sampled water (01/06/06)	159,000 pCi/l	159,000 pCi/L (01/06/06)
MW-35	Transformer Yard	Well installed	Sampled water (01/06/06)	95,400 pCi/l	95,400 pCi/l (01/06/06)
MW-36	U-2 Turbine Bldg	Drill eqpt on site	Set up equipment to drill well		
MW-37	U-2 Turbine Bldg	Drill eqpt on site	Set up equipment to drill well		
MW-38	South U-3 Boundary	Well in service	Continue periodic sampling	<u>SPLIT SAMPLE MW-38 RESULT:</u> NY State Result: 701 pCi/l (12/08/05) FitzPatrick Result: 985 pCi/l (12/08/05)	

Exempt 2

Most recent MW-38 FitzPatrick results: Not Detected (12/30/05)

# CURRENT WELL STATUS

## Phase I Wells

MW-30	Completed (extending casing to 80' el)
MW-31	Completed
MW-32	Working
MW-33	Completed
MW-34	Completed
MW-35	Completed
MW-36	Equipment setup Jan 9, 2006
MW-37	Equipment setup Jan 9, 2006
MW-38	Completed

## Phase II Wells Sequence (see note below)

MW-39 *	South of Unit 1 Fuel Storage Building
MW-40 *	Parking Lot above Sewerage Plant
MW-48 *	Furthest Southerly Property Boundary
MW-42	West of Unit 2 RWST
MW-46	West of Unit 3 PAB Sump
MW-41	South of Unit Unit 3 RWST
MW-43	South of Unit 3 Tank Pit and RWST
MW-44	North of Unit 3 Fuel Storage Building
MW-45	Between Unit 3 Fuel Storage Building and PAB
MW-47	West of Unit 1 Fuel Storage Building
MW-49	West side of Unit 3 Discharge Canal
MW-50	East side of Unit 3 Discharge Canal
MW-51	Southern property hill north of MW-40
MW-52	Northern property boundary

Exempt 2

### \*Note:

Wells numbering 39, 40, 48 are priority wells at this time and may be drilled in a changing sequence within this subset based on depth of well considerations, equipment setup options, and engineering paperwork delivery.

## RECENT TREND INFORMATION:

(Activity in pCi/L)

### MONITORING WELLS (in pCi/l)

DATE:	<u>11/24/05</u>	<u>12/13-16</u>	<u>12/19/05</u>	<u>12/30/05</u>	<u>01/06/06</u>
MW-30:	600,000 (ONLY SAMPLE TAKEN WITH TEMPORARY PACKER SYSTEM)				
MW-31:	4061				
MW-32:	STILL DRILLING			STILL DRILLING	
MW-33:	142,000	199,000	220,000	189,000	
MW-34:	63,900	121,000	147,000	159,000	
MW-35:	42,300	76,000	80,500	95,400	
MW-111:	296,000	192,000	212,000	113,000	
MW-38:	Most recent split sample results: 985 (FitzPatrick 12/08/05) Not detected (FitzPatrick 12/30/05)			701 State of New York (12/08/05)	

### STORM DRAINS (in pCi/l)

(MOST RECENT RESULTS)

MH-1	MDA (goes to river)	MH-9	2,140
MH-2	MDA (goes to river)	MH-10	2,940
MH-3	2,330	MH-12	MDA (goes to river)
MH-4	4,370	MH-14	MDA (goes to river)
MH-4A	2,730	MH-2A	MDA (near U2 Diesel)
MH-5	6,920	CB 4	1,010 (near U-2 RWST)
MH-6	12,200	CB-24	822 (near Security Command Post)
MH-7	5,340		
MH-8	4,510		