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**Date:** 1/9/06 12:29PM  
**Subject:** FW: MONITORING WELL STATUS FOR JOHN WHITE AND TIM RICE

In follow-up to our morning telephone conversation, attached are files for 1. Current monitoring well status for Phase 1, and 2. Phase 1 and Phase 2 well sequencing for priority installation going forward, and 3. Recent trend information for both wells and storm drains. An additional E-mail to follow will have maps and charts-I can't E-mail one file because it is too large

Some key information we have noted from this most recent data are as follows;

1. Storm drains from Unit 2 which flow directly to the river (MH-1, 2, 12 and 14) are all less than MDA-These are the only site storm drains, which are located outside the power block and not associated with the Unit 2 transformer yard, which drain directly to the river. We verified that MH-3 has been physically separated from MH-1&2 drain path. There is a large metal plated blocking flow toward MH-2, and thus all MH-3 flow directly to MH-4 and then to 4A and then to the discharge canal
2. The most recent MW-38 sample from 12/30/05, counted at our offsite lab(Fitzpatrick) was less than MDA
3. Last weeks round of samples from the Unit 2 transformer yard continues to show tritium activity increasing toward MW-30 direction and has now shown this for the last four weeks of sampling

Bill axelson

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**From:** Sachatello, Ronald  
**Sent:** Monday, January 09, 2006 11:50 AM  
**To:** Axelson, William L  
**Cc:** Leach, Don; Mayer, Don; Sachatello, Ronald  
**Subject:** MONITORING WELL STATUS FOR JOHN WHITE AND TIM RICE

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A/B

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**MONITORING WELL STATUS (Jan 9, 2006-0800 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		4,060 pCi/l (12/30/05)
MW-32	U-2 SFB Alley Way	Drilled approximately 125'	75' left to drill		
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		

SPLIT SAMPLE RESULTS  
 Fitzpatrick result: 985 pCi/l (12/08/05)  
 NY State Result: 701 pCi/l (12/08/05)

Fitzpatrick results: Non Detected (12/30/05)  
 NY State: results pending

## 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

**\*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) 701 State of New York				

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 Unit 2 Security Command Post)
MH-7	5,340		

MH-8

4,510