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Date: 1/16/06 8:13AM
Subject: FW: MONITORING WELL STATUS -JANUARY 13, 2006, 0600

fyi

From: Sachatello, Ronald
Sent: Friday, January 13, 2006 6:21 AM
To: Hinrichs, Gary; Rutkoske, Michael; Skonieczny, John; Drake, Richard; Nuta, Dragos A; Deeds, Paul; Bode, Paul M.; English, Christopher; Peters, James; Wilson, Daniel; Sandike, Steven; Leach, Don; Croulet, Donald; Kulaga, Joe; Morin, Kenneth; Durfee, Michael; Santis, Hank; Lavera, Ron; Thiery, Al; Evers, Bob; Loope, Dennis; Burns, Thomas; Glander, Lori; Daniele, John C.; Colville, Howard J.; Colville, Richard; Zolotas, William; McMullin, Kathy; Halcomb John W
Cc: Mayer, Don; Axelson, William L; Sachatello, Ronald
Subject: MONITORING WELL STATUS -JANUARY 13, 2006, 0600

<<MONITORING WELL STATUS.doc>>

Recent Status:

MW-31 Getting Packer assembly ready to install into MW-31 for sampling at various depths

MW-32 Took raw water sample (counting now). Will sample again when the Packer assembly is installed

MW-36/37 Bored through concrete floor to subsoil (about 9"). Get ready to install 6.5 ton electric drilling machine into Turbine Building to drill actual monitoring well.

Storm Drains showing Counting samples taken from Unit 1 and 3 storm drains. Updating informational maps storm drain locations with new sampling data results as they become available.

Inspections: Met with ANI to update them on Tritium investigation

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MONITORING WELL STATUS (Jan 13, 2006-0600 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 Awaiting temporary Packer	Sampled 12/30/05 Install Packer		4,060 pCi/l (12/30/05)
MW-32	U-2 SFB Alley Way	Well installed Sampled "raw" water prior to Packer installation 01/12/06	Install temporary Packer	Raw water being counted	
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	Drilled through concrete floor down to subsoil level (about 9")	Start electric drilling for well hole		
MW-37	U-2 Turbine Bldg	Drilled through concrete floor Down to subsoil level (about 8")	Start electric drilling for well hole		
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)	

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	Completed
MW-33	Completed
MW-34	Completed
MW-35	Completed
MW-36	Working
MW-37	Start after MW-36
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 12/08/05)			701 State of New York (12/08/05)	
	Not detected (FitzPatrick 12/30/05)				

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	3,450	MH-12	MDA (goes to river)
MH-4	3,070	MH-14	MDA (goes to river)
MH-4A	3,380	MH-2A	MDA (near U2 Diesel)
MH-5	3,480	CB 4	1,010 (near U-2 RWST)
MH-6	13,000	CB-24	822 (near Security Command Post)
MH-7	8,140		
MH-8	5,740		