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Date: 1/20/06 9:03AM
Subject: FW: MONITORING WELL STATUS-JANUARY 20, 2006-0600HRS

From: Sachatello, Ronald
Sent: Friday, January 20, 2006 8:03 AM
To: Rutkoske, Michael; Jones, T. R.; Skonieczny, John; Drake, Richard; Nuta, Dragos A; Deeds, Pau; Bode, Paul M.; English, Christopher; Peters, James; Sandike, Steven; Wilson, Daniel; Leach, Don; Kulaga, Joe; Morin, Kenneth; Durfee, Michael; Croulet, Donald; Santis, Hank; Hinrichs, Gary; Lavera, Ron; Thiery, Al; Evers, Bob; McMullin, Kathy; Burns, Thomas; Colville, Richard; Colville, Howard J.; Zolotas, William; Loope, Dennis; Tamburi, Robin M.
Cc: Axelson, William L; Mayer, Don; Sachatello, Ronald
Subject: MONITORING WELL STATUS-JANUARY 20, 2006-0600HRS

<<MONITORING WELL STATUS.doc>>

Current Status:

MW-32: Packer testing in progress, water samples to follow

MW-36: Drilling in Turbine Building, approximately 15' down (10' of casing in place)

MW-31: Chemistry counting multiple height Packer test water samples this weekend

MW-40: Drilling upland parking lot above sewerage treatment plant

Storm Drains: Chemistry counting Unit 3 storm drain sample points

Transformer Yard: Weekly MW-111, 33, 34, 35 sample set being taken

A/30

MONITORING WELL STATUS (Jan 20, 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:	199,000 pCi/l (01/13/06)	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 (no Packer)	399,000 pCi/L (11/23/05) Highest Packer Water: 600,000 pCi/L (11/24/05)
MW-31	MOB side walk	Well Installed Packer Test Done	Sampled 12/30/05 Count Packer samples	Raw water (no Packer)	4,060 pCi/L (12/30/05)
MW-32	U-2 SFB Alley Way	Well installed Temporary Packer installed	Take samples	Raw Water (no Packer)	3,720 pCi/L (01/13/06)
MW-33	Transformer Yard	Well installed	Sampled water (01/13/06)	232,000pCi/L	232,000 pCi/L (01/13/06)
MW-34	Transformer Yard	Well installed	Sampled water (01/13/06)	131,000 pCi/L	159,000 pCi/L (01/06/06)
MW-35	Transformer Yard	Well installed	Sampled water (01/13/06)	97,800 pCi/L	97,800 pCi/l (01/13/06)
MW-36	U-2 Turbine Bldg	Begin drilling 01/18/06	Complete well installation		
MW-37	U-2 Turbine Bldg	Drilled through concrete floor Down to subsoil level (about 8")	Finish MW-36, go to MW-37		
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) N.D. (12/30/05) 1008 pCi/l(01/10/06)	
MW-40	Parking Lot above Sewer Plant	Vacuum excavation completed Drilling to begin today			
MW-39	Between U1 SFB & U3 RWST	Prepare to vacuum evacuate			

CURRENT WELL STATUS

<u>Phase I Wells</u>	<u>Status</u>
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	Electric drill on location to start drilling
MW-37	Drilled 9" through concrete floor
MW-38	Completed

Phase II Wells Sequence (see note below)

<u>Phase II Wells Sequence</u>	<u>Status</u>
MW-39 *	South of Unit 1 Fuel Storage Building (next to be vacuum evacuated)
MW-40 *	Parking Lot above Sewerage Plant (drilling starting now-01/20/06)
MW-48 *	Furthest Southerly Property Boundary (completed vacuum evacuation)
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>	<u>01/13/06</u>
MW-30:	600,000 (ONLY SAMPLE TAKEN WITH TEMPORARY PACKER SYSTEM)					
MW-31:				4061		4030
MW-32:			STILL DRILLING		STILL DRILLING	3720
MW-33:		142,000	199,000	220,000	189,000	232,000
MW-34:		63,900	121,000	147,000	159,000	131,000
MW-35:		42,300	76,000	80,500	95,400	97,800
MW-111:		296,000	192,000	212,000	113,000	199,000
MW-38:	Most recent split sample results: 985 (Fitzpatrick 12/08/05) 701 State of New York (12/08/05) Most recent Fitzpatrick results: Not detected (Fitzpatrick 12/30/05)					

UNIT 2 STORM DRAINS (in pCi/l)

(MOST RECENT RESULTS)

MH-1 (U2 river front)	MDA (goes to river)	MH-9 (U2 MOB)	2,140
MH-2 (U2 river front)	MDA (goes to river)	MH-10 (U2 MOB)	2,940
MH-3 (North of U2 Turbine)	3,450	MH-12 U2 Riverfront)	MDA (goes to river)
MH-4 (U2 Transformer Yard)	3,070	MH-14 (U-2 River front)	MDA (goes to river)
MH-4A(U2 Transformer Yard)	3,380	MH-2AMDA (near U2 Diesel)	MDA
MH-5 (U2 Transformer Yard)	3,480	CB 4 (near U2 RWST)	1,010
MH-6 (U2 Transformer Yard)	13,000	CB-24 (near U2 Security C.P.)	822
MH-7 (U2 transformer Yard)	8,140		
MH-8 (U2 Transformer Yard)	5,740		

Unit 3 Storm Drains Manholes counted 01/12/06 (pCi/l):

A2 (Near U3 RWST)	<MDA
A4 (Near U-3 RWST)	< MDA
B1 (Unit 3 Transformer Yard)	4530
B3 (Unit 3 Transformer Yard)	6280
B4 (Unit 3 Transformer Yard)	3180
B5 (Entrance to 3 Transformer Yard)	5200
B7 (North side of U3 Turbine Bldg)	2510
C1 (South side of U3 Turbine Bldg)	997
D2 (South side Service Admin Bldg)	<MDA

Additional Storm Drains (Unit 2 and 3 combination) sampled 01/13/06 (pCi/l)

CB-12 (south side of cafeteria)	849
CB-13 (south side of cafeteria)	856
MH-13 (waterfront area-near U2 Screen house))	<MDA
CB-14 (south side of cafeteria)	734
MH-15 (waterfront area-near U2 Screen house	<MDA)
CB-15 (waterfront area-near U3 Discharge Canal)	<MDA
CB-19 (waterfront-near U2 Screen House	<MDA)