

From: "Croulet, Donald" <dcroule@entergy.com>
To: "Conroy, Pat" <PConroy@entergy.com>, "Cox, Mark R" <mcox90@entergy.com>, "Bowman, Greg" <GBowm90@cc--exs03.prod.entergy.com>, "Timothy Rice" <tbrice@gw.dec.state.ny.us>, "James Noggle" <JDN@nrc.gov>, "PRICE, ERNEST JR" <EPRICE2@entergy.com>, "boliveira@amnucins.com" <boliveira@amnucins.com>, "Janicki, John" <JJanick@entergy.com>
Date: 1/17/06 7:24AM
Subject: FW: MONITORING WELL STATUS-JANUARY 16, 2006, 1530 HOURS

From: Sachatello, Ronald
Sent: Monday, January 16, 2006 4:13 PM
To: Rutkoske, Michael; Jones, T. R.; Skonieczny, John; Drake, Richard; Nuta, Dragos A; Deeds, Paul; Bode, Paul M.; English, Christopher; Peters, James; Sandike, Steven; Wilson, Daniel; Leach, Don; Kulaga, Joe; Morin, Kenneth; Croulet, Donald; Durfee, Michael; Santis, Hank; Hinrichs, Gary; Lavera, Ron; Thiery, Al; Evers, Bob; Colville, Howard J.; Colville, Richard; Burns, Thomas; Glander, Lori; Loope, Dennis; Steets, Jim; McMullin, Kathy; Gray, Dara
Cc: Axelson, William L; Mayer, Don; Sachatello, Ronald
Subject: MONITORING WELL STATUS-JANUARY 16, 2006, 1530 HOURS

<<MONITORING WELL STATUS.doc>>

Recent Update:

MW-32 sample of raw water (sample without Packer installed) was 3720 pCi/l (compares well to MW-31 at 4030 pCi/l)

MW-31 has a temporary Packer assembly installed, and water samples are now being taken at various well heights

MW-36/37 Electric Drill rig to be moved into Turbine Bldg tomorrow to MW-36 hole

MW-48 Southern most property well has been vacuum evacuated and is ready to be drilled

Storm Drains: Most recent Unit 2 and 3 Storm Drain results attached

Monitoring Wells: Most recent Monitoring Well sample results attached

A/25

MONITORING WELL STATUS (Jan 16, 2006-1500 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) Highest Packer 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	Raw water (no Packer)	4,060 pCi/L (12/30/05)
MW-32	U-2 SFB Alley Way	Well installed	Install temporary Packer	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	Drilled through concrete floor down to subsoil level (about 9")	Move in drill rig		
MW-37	U-2 Turbine Bldg	Drilled through concrete floor Down to subsoil level (about 8")	Move in drill rig		
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)	
MW-48	Furthest South well	Vacuum excavation completed	Drill well		
MW-40	Parking Lot above Sewer Plant	Vacuum excavate			

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	Drilled 9" through concrete floor
MW-37	Drilled 9" through concrete floor
MW-38	Completed

<u>Phase II Wells Sequence</u> (see note below)	<u>Status</u>
MW-39 *	South of Unit 1 Fuel Storage Building
MW-40 *	Parking Lot above Sewerage Plant
MW-48 *	Furthest Southerly Property Boundary (vacuum evacuated)
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)