

From: "Bowman, Greg " <GBowm90@entergy.com>
To: "sms4@nrc.gov" <sms4@nrc.gov>
Date: 3/15/06 8:40AM
Subject: FW: MONITORING WELL STATUS-FRIDAY JANUARY 27, 2006-1500 HOURS

From: Croulet, Donald
Sent: Monday, January 30, 2006 9:44 AM
To: Conroy, Pat; Cox, Mark R; Bowman, Greg ; 'Timothy Rice'; 'James Noggle'; Janicki, John; PRICE, ERNEST JR; Robert Oliveira (boliveira@amnucins.com)
Subject: <mailto:boliveira@amnucins.com>Subject : FW: MONITORING WELL STATUS-FRIDAY JANUARY 27, 2006-1500 HOURS

From: Sachatello, Ronald
Sent: Friday, January 27, 2006 3:29 PM
To: Rutkoske, Michael; Jones, T. R.; Skonieczny, John; Drake, Richard; Nuta, Dragos A; 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; Burns, Thomas; Zolotas, William; Colville, Richard; Colville, Howard J.; Daniele, John C.; Loope, Dennis; Tamburi, Robin M.; McMullin, Kathy; Davey, Peter; Quinn, Dennis
Cc: Axelson, William L; Mayer, Don; Sachatello, Ronald; 'mbarvenik@gza.com'; 'David Winslow'
Subject: MONITORING WELL STATUS-FRIDAY JANUARY 27, 2006-1500 HOURS

<<MONITORING WELL STATUS.doc>>

Latest info:

MW-30	(SFB)	This well will be sampled Monday Jan 30, 2006	EX
MW-31 (MOB sidewalk)		Packer sample results completed. Packer values	
(14 discrete well height samples) ranged from 707-1660 pCi/l			
MW-33 (U-2 Transformer Yard)		226,000 pCi/l	
MW-34 (U-2 Transformer Yard)		211,000 pCi/l	
MW-35 (U-2 Transformer Yard)		104,000 pCi/l	
MW-111 (U-2 Transformer Yard)		119,000 pCi/l	
MW-36 (East side inside Turbine Bldg)		Drilling complete	
MW-40 (Parking Lot above Sewer Plant)		181 feet down out of a terminal depth of 200'	
Unit 3 Transformer Yard		Scanned with Ground Penetrating Radar	
Riverfront Storm Drains		All samples taken on 1/20/06 were None Detected	
(N.D.). This includes: Man Hole 2, 12, 14, CB-15			
Riverfront Boat Observation/Dye Test		Only dye observed was from MH-1, all other river front	
storm drains areas injected with dye were not observed in river			

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Mail Envelope Properties (44181956.16D : 2 : 57709)

Subject: FW: MONITORING WELL STATUS-FRIDAY JANUARY 27, 2006-1500 HOURS
Creation Date: 3/15/06 8:40AM
From: "Bowman, Greg " <GBowm90@entergy.com>
Created By: GBowm90@entergy.com

Recipients

nrc.gov
kp1_po.KP_DO
SMS4 (Stacy Smith)

Post Office
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Files	Size	Date & Time
MESSAGE	2455	03/15/06 08:40AM
TEXT.htm	5872	
MONITORING WELL STATUS.doc		55296
Mime.822	86442	

Options

Expiration Date: None
Priority: Standard
Reply Requested: No
Return Notification: None

Concealed Subject: No
Security: Standard

MONITORING WELL STATUS (Jan 27, 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:	119,000 pCi/l (01/20/06)	302,000 pCi/L (11/10/05)
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	Complete Testing	Raw Water (no Packer)	3,720 pCi/L (01/13/06)
MW-33	Transformer Yard	Well installed	Sampled water (01/20/06)	226,000 pCi/L	232,000 pCi/L (01/13/06)
MW-34	Transformer Yard	Well installed	Sampled water (01/20/06)	211,000 pCi/L	211,000 pCi/L (01/20/06)
MW-35	Transformer Yard	Well installed	Sampled water (01/13/06)	104,00 pCi/L	104,000 pCi/l (01/20/06)
MW-36	U-2 Turbine Bldg	Down approximately 49' of 54'	Continue to drill		
MW-37	U-2 Turbine Bldg	Drilled through concrete floor	Install ramp for moving drill machine		
MW-38	South U-3 Boundary NY State Result: 701 pCi/l (12/08/05)	Well in service	Continue periodic sampling	<u>Split Sample MW-38 Results:</u> Fitzpatrick Result: 985 pCi/l (12/08/05) <u>Non Split- Fitzpatrick Results only</u> Fitzpatrick Result: N.D. (12/30/05) Fitzpatrick Result: 1008 pCi/l (01/10/06)	
MW-40	Lot above Sewer Plant	Approximately 151' down of 200'	Drilling today		
MW-48	Furthest South Well	Approximately 35' down of 37'	Continue to drill		
MW-39	U1 SFB /U3 RWST	Vacuum evacuated	Ready for drilling (219' well)		

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CURRENT WELL STATUS

<u>Phase I Wells</u>	<u>Status</u>
MW-30	Completed (awaiting access to sample)
MW-31	Completed
MW-32	Completed
MW-33	Completed
MW-34	Completed
MW-35	Completed
MW-36	Down about 54' (drilling complete)
MW-37	Drilled 9" through concrete floor (Ramp to move drill rig being installed)
MW-38	Completed

<u>Phase II Wells Sequence</u> (see note below)	<u>Status (Jan 27, 2006)</u>
MW-39 * South of Unit 1 Fuel Storage Building	(vacuum evacuated-ready to drill)
MW-40 * Parking Lot above Sewerage Plant	(drilling in progress-down 181')
MW-48 * Furthest Southerly Property Boundary	(drilling complete-down 40')
MW-42 * West of Unit 2 RWST	(ready for vacuum excavation)
MW-46 * West of Unit 3 PAB Sump	(Ready to vacuum)
MW-41 South of Unit 3 RWST	(Ready to vacuum)
MW-43 South of Unit 3 Tank Pit and RWST	(Ready to vacuum)
MW-44 North of Unit 3 Fuel Storage Building	(Ready to vacuum)
MW-45 Between Unit 3 Fuel Storage Building/PAB	(Ready to vacuum)
MW-47 West of Unit 1 Fuel Storage Building	(Ready to vacuum)
MW-49 West side of Unit 3 Discharge Canal	(Ready to vacuum)
MW-50 East side of Unit 3 Discharge Canal	(Ready to vacuum)
MW-51 Southern property hill north of MW-40	(ready to vacuum)
MW-52 Northern property boundary	(Location not established)

***Note:**

Wells numbering 39, 40, 48, 42, 46 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>	<u>01/20/06</u>
MW-30:	600,000 (ONLY SAMPLE TAKEN WITH TEMPORARY PACKER SYSTEM)						
MW-31:				4,061		4,030	
MW-32:						3,720	
MW-33:	142,000	199,000	220,000	189,000	232,000	226,000	
MW-34:	63,900	121,000	147,000	159,000	131,000	211,000	
MW-35:	42,300	76,000	80,500	95,400	97,800	104,000	
MW-111:	296,000	192,000	212,000	113,000	199,000	119,000	
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)						
	1008 (Fitzpatrick 01/10/06)						

Unit 2 Storm Drain

Jan 19, 2006 (pCi/l)

Jan 24, 2006

MH2 (U-2 riverfront)	ND	ND (river front)
MH3 (North end of U-2 Turbine)	2,240	
MH4 (Entrance to U2 Transformer Yard)	3,780	
MH5 (U-2 Aux Feed Bldg)	3,570	
MH6 (U2 Transformer Yard)	18,600	
MH7 (U2 Transformer Yard)	3,840	
MH8 (U2 Transformer Yard)	3,210	
MH12 (U2 Riverfront)	ND	ND (river front)
MH14 (U2 Riverfront)	Resampling	ND (river front)
CB15 (U2 Riverfront)	Resampling	ND (river front)

Ex 2

Unit 3 Storm Drain Manholes taken Jan 19, 2006 (pCi/l):

A2 (Near U-3 RWST)	ND
A4 (Near U-3 RWST)	1,190
A6 (Near U-3 RWST)	686
B5 (Entrance to 3 Transformer Yard)	3,320
E1 (Unit 3 Roadway to Security Post)	ND
E2 (Unit 3 Roadway to Security Post)	ND
E2B (Unit 3 Roadway to Security Post)	ND
E3 (Unit 3 Roadway to Security Post)	ND
E3A (Unit 3 Roadway to Security Post)	ND

Ex 2

Ex 2

TREND COMPARISON

<u>Unit 3 Storm Drain Locations</u>	<u>01/19/06</u>	<u>01/17/06</u>	<u>01/12/06</u>
A2 U3 RWST	ND		
A4 U3 RWST	1,190		
A6 U3 RWST	686		
B1 U-3 Transformer Yard		5010	4530
B3 U-3 Transformer Yard		4650	6280
B4 U-3 Transformer Yard		3600	3180
B5 U-3 Transformer Yard	3,320		
B6 U-3 Transformer Yard		ND	
B7 U-3 Transformer Yard		2690	2510
B8 U-3 Transformer Yard		ND	
C1 U-3 North of Service Bldg		867	997
D2 U-3 South of Service Bldg		ND	ND
E4 U-3 Access Road to Command Post		ND	
E1 U3 Access Road to Command Post	ND		
E2 U3 Access Road to Command Post	ND		
E2B U3 Access Road to Command Post	ND		
E3 U3 Access Road to Command Post	ND		
E3A U3 Access Road to Command Post	ND		
E4A U-3 Access Road to Command Post		ND	
E5 U-3 Access Road to U3 Command Post		ND	
E5A U-3 Access Road to U3 Command Post		ND	
E6 U-3 Access Road to U3 Command Post		ND	
E7 U-3 Access Road to U3 Command Post		ND	

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