From: "Bowman, Greg " <GBowm90@entergy.com>
To: "'sms4@nrc.gov'" <sms4@nrc.gov>
Date: 3/15/06 8:39AM
Subject: FW: MONITORING WELL STATUS-FEBRUARY 9, 2006

From: Croulet, Donald
Sent: Thursday, February 09, 2006 8:45 AM
To: Conroy, Pat; Cox, Mark R; Bowman, Greg ; 'James Noggle'; 'Timothy Rice'; Janicki, John; PRICE, ERNEST JR; Robert Oliveira (boliveira@amnucins.com)
Subject <mailto:boliveira@amnucins.com)Subject> : FW: MONITORING WELL STATUS-FEBRUARY 9, 2006

From: Sachatello, Ronald
Sent: Thursday, February 09, 2006 8:03 AM
To: Rutkoske, Michael; Jones, T. R.; Skonieczny, John; Drake, Richard; Nuta, Dragos A; Bode, Paul M.; Deeds, Paul; English, Christopher; Kulaga, Joe; Morin, Kenneth; Leach, Don; Croulet, Donald; Santis, Hank; Hinrichs, Gary; Lavera, Ron; Thiery, Al; Evers, Bob; McMullin, Kathy; Davey, Peter; Burns, Thomas; Colville, Richard; Colville, Howard J.; Weber, Eric A.; Loope, Dennis; Tamburi, Robin M.; Daniele, John C.; 'mbarvenik@gza.com'; 'David Winslow'
Cc: Axelson, William L; Mayer, Don; Sachatello, Ronald
Subject: MONITORING WELL STATUS-FEBRUARY 9, 2006

<<MONITORING WELL STATUS.doc>>
SPLIT SAMPLES: Completed split samples with State and NRC of onsite wells, offsite locations, and Hudson River

MW-37	Drilling completed
MW-39	Drilled 138' of 200'
MW-41	Ready to drill
MW-43	Ready to drill
MW-42	Need new drill location
MW-45	Need new drill location

A/146

Mail Envelope Properties (44181917.14F : 22 : 57679)

Subject: FW: MONITORING WELL STATUS-FEBRUARY 9, 2006
Creation Date: 3/15/06 8:39AM
From: "Bowman, Greg " <GBowm90@entergy.com>

Created By: GBowm90@entergy.com

Recipients
nrc.gov
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SMS4 (Stacy Smith)

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Files	Size	Date & Time
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TEXT.htm	3748	
MONITORING WELL STATUS.doc		59392
Mime.822	89015	

Options

Expiration Date:	None
Priority:	Standard
Reply Requested:	No
Return Notification:	None
Concealed Subject:	No
Security:	Standard

MONITORING WELL STATUS (Feb 9, 2006-0600 hours)

Well Number	Location	Status	Next Step	Current Results	(Highest Historical Value)
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	Sampled 01/30/06	Count Samples Install permanent Packer	Raw Water (no Packer) Highest Packer Water: Low Flow Samples:	399,000 pCi/L (11/18/05) 601,000 pCi/L (11/22/05) 319,000 pCi/L (01/30/06)
MW-31	MOB side walk	Well Installed Packer Test Done	Sampled 01/26/06 Packer samples	No Packer: Packer Results:	7 ,910 pCi/L (01/26/06) 656- 2,160 pCi/L (01/18/06)
MW-32	U-2 SFB Alley Way	Well installed	Complete Testing	Raw Water (no Packer)	3,720 pCi/L (01/13/06)
Packer samples	Packer Results: 7,110-11,110 pCi/L (01/20/06)				
MW-33	Transformer Yard	Well installed	Sampled water (01/27/06)	242,000,pCi/L	242,000 pCi/L (01/27/06)
MW-34	Transformer Yard	Well installed	Sampled water (01/27/06)	212,000 pCi/L	212,000 pCi/L) (01/27/06)
MW-35	Transformer Yard	Well installed	Sampled water (01/27/06)	38,700 pCi/L	104,000 pCi/l (01/27/06)
MW-36	U-2 Turbine Bldg	Well is developed	NEM take samples		
MW-37	U-2 Turbine Bldg	Drilling complete	Develop well		
MW-38	South U-3 Boundary	Well in service	Continue periodic sampling		
NY State Result: 701 pCi/l (12/08/05)					
MW-40	Lot above Sewer Plant	Well developed	NEM take samples		

Split Sample MW-38 Results:

Fitzpatrick Result: 985 pCi/l (12/08/05)

Non Split- Fitzpatrick Results only
Fitzpatrick Result: N.D. (12/30/05)
Fitzpatrick Result: 1008 pCi/l (01/10/06)
Fitzpatrick Result: 758 pCi/L (01/19/06)
Fitzpatrick Result: 1,444 pCi/L(01/25/06)

Well	Location	Status	Next	Current

Number			Step	Results	(Highest Historical Value)
MW-48	Furthest South Well	Well developed	NEM take samples		
MW-39	U1 SFB /U3 RWST	138' of 200'	Complete well drilling		Ex 2
MW-46	U-3 Transformer Yard	Vacuum evacuated to 6'	Begin drilling		
MW-42	U-1 CTMT/U-2 Diesel Area	Needs to be relocated			
MW-47	West side of U-1	Vacuumed to 7'	Begin drilling		
MW-41	South of U-3 RWST	Vacuumed to 7'			Ex 2
MW-45	U3 between Aux and SFB	Needs to be relocated			

CURRENT WELL STATUS

Phase I Wells	Status
MW-30	Completed
MW-31	Completed
MW-32	Completed
MW-33	Completed
MW-34	Completed
MW-35	Completed
MW-36	Completed
MW-37	Drilling complete (developing well)
MW-38	Completed

Phase II Wells Sequence (see note below)		Status (Feb 09, 2006)
MW-39 *	South of Unit 1 Fuel Storage Building	(138' of 200' drilled)
MW-40 *	Parking Lot above Sewerage Plant	(develop well & sample)
MW-48 *	Furthest Southerly Property Boundary	(NEM to sample this week)
MW-42 *	West of Unit 2 RWST	(needs relocation)
MW-46 *	West of Unit 3 PAB Sump	(vacuumed-ready for drilling)
MW-41	South of Unit 3 RWST	(vacuumed-ready for drilling)
MW-43	South of Unit 3 Tank Pit and RWST	(vacuumed-ready to drill)
MW-44	North of Unit 3 Fuel Storage Building	
MW-45	Between Unit 3 Fuel Storage Building/PAB	need s relocation)
MW-47	West of Unit 1 Fuel Storage Building	(Vacuum completed)
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, developed, and sampled in a changing sequence within this subset based on depth of well considerations, equipment setup options, engineering paperwork delivery, and development status.

RECENT TREND INFORMATION:

(Activity in pCi/L)

MONITORING WELLS (in pCi/L)

DATE:	11/22/05	12/13-16	12/19/05	12/30/05	01/06/06	01/13/06	01/20/06	01/27/06	01/30/06
MW-30:	464,000-601,000 *								119,000-319,000****
MW-31:				4,061		4,030	656-2,160 **	7910	
MW-32:						3,720	7,110-11,110 ***		
MW-33:		142,000	199,000	220,000	189,000	232,000	226,000	242,000	
MW-34:		63,900	121,000	147,000	159,000	131,000	211,000	212,000	
MW-35:		42,300	76,000	80,500	95,400	97,800	104,000	38,700	
MW-111:		296,000	192,000	212,000	113,000	199,000	119,000	Recounting	

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)
1,008 (Fitzpatrick 01/10/06)
758 (Fitzpatrick 01/19/06)
1,440 (Fitzpatrick 01/25/06)

* Temporary Packer results at various well heights from MW-30 (taken 11/22/05)
** Temporary Packer results at various well heights from MW-31 (taken 01/16-01/18/06)
*** Temporary Packer results at various well heights from MW-32 (taken 01/20/06)
**** Low Flow test (not Packer test) at four well heights from MW-30 (taken 01/30/06)

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)		ND (river front)
CB15 (U2 Riverfront)		ND (river front)

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

TREND COMPARISON

Unit 3 Storm Drain Locations	01/19/06	01/17/06	01/12/06
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	