

**From:** "Bowman, Greg " <GBowm90@entergy.com>  
**To:** "sms4@nrc.gov" <sms4@nrc.gov>  
**Date:** 3/15/06 8:40AM  
**Subject:** FW: MONITORING WELL STATUS-JANUARY 26, 2006-0600

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**From:** Croulet, Donald  
**Sent:** Thursday, January 26, 2006 12:37 PM  
**To:** 'James Noggle'; Cox, Mark R; Bowman, Greg ; 'Timothy Rice'; Janicki, John; PRICE, ERNEST JR;  
Robert Oliveira (boliveira@amnucins.com)  
**Subject** <mailto:boliveira@amnucins.com>Subject> : FW: MONITORING WELL STATUS-JANUARY 26,  
2006-0600

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**From:** Sachatello, Ronald  
**Sent:** Thursday, January 26, 2006 6:46 AM  
**To:** Rutkoske, Michael; Jones, T. R.; Skonieczny, John; Drake, Richard; Nuta, Dragos A; Deeds, Paul;  
Bode, Paul M.; English, Christopher; Peters, James; Wilson, Daniel; Sandike, Steven; Leach, Don;  
Kulaga, Joe; Morin, Kenneth; Croulet, Donald; Durfee, Michael; Santis, Hank; Lavera, Ron; Thiery, Al;  
Evers, Bob; McMullin, Kathy; Burns, Thomas; Colville, Richard; Colville, Howard J.; Daniele, John C.;  
Loope, Dennis; Halcomb John W; Quinn, Dennis; Tamburi, Robin M.  
**Cc:** Mayer, Don; Axelson, William L; Sachatello, Ronald  
**Subject:** MONITORING WELL STATUS-JANUARY 26, 2006-0600

<<MONITORING WELL STATUS.doc>>

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**Mail Envelope Properties** (44181956.17C : 17 : 57724)

**Subject:** FW: MONITORING WELL STATUS-JANUARY 26, 2006-0600  
**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)

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**Route**  
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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	1075	03/15/06 08:40AM
TEXT.htm	2517	
MONITORING WELL STATUS.doc		53760
Mime.822	79695	

**Options**

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

**MONITORING WELL STATUS (Jan 26, 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 (11/10/05)
MW-30	<del>U-2 SFB</del>	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	<del>U-2 SFB Alley Way</del>	Well installed	Complete Testing	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	Down approximately 39'	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 121' down	Drilling today		
MW-39	<del>U1 SFB /U3 RWST</del>	Vacuum evacuated	Ready for drilling		

*ETZ*

*ETZ*

*ETZ*

## 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 39' (1/24/06)
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</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 121')
MW-48 *	Furthest Southerly Property Boundary (vacuum evacuated-ready to drill)
MW-42 *	West of Unit 2 RWST (ready for vacuum excavation)
MW-46 *	West of Unit 3 PAB Sump
MW-41	South of 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, 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)**

<b>DATE:</b>	<b><u>11/24/05</u></b>	<b><u>12/13-16</u></b>	<b><u>12/19/05</u></b>	<b><u>12/30/05</u></b>	<b><u>01/06/06</u></b>	<b><u>01/13/06</u></b>
<b>MW-30:</b>	600,000 (ONLY SAMPLE TAKEN WITH TEMPORARY PACKER SYSTEM)					
<b>MW-31:</b>				4,061		4,030
<b>MW-32:</b>						3,720
<b>MW-33:</b>	142,000	199,000	220,000		189,000	232,000
<b>MW-34:</b>	63,900	121,000	147,000		159,000	131,000
<b>MW-35:</b>	42,300	76,000	80,500		95,400	97,800
<b>MW-111:</b>	296,000	192,000	212,000		113,000	199,000
<b>MW-38:</b>	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 Manholes taken Jan 19, 2006 (pCi/l)**

MH2 (U-2 riverfront)	ND
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
MH14 (U2 Riverfront)	Resampling
CB15 (U2 Riverfront)	Resampling

**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

<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	

*Ex 2*