

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

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

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>>

A1143

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)

Post Office
kp1_po.KP_DO

Route
nrc.gov

| Files | Size | Date & Time |
|----------------------------|-------------|------------------------|
| 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 | 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 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 (01/13/06) | 232,000 pCi/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 | U1 SFB /U3 RWST | Vacuum evacuated | Ready for drilling | | |

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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 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)

| 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: | | | | 4,061 | | 4,030 |
| MW-32: | | | | | | 3,720 |
| 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) 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