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To: "Timothy Rice" <tbrice@gw.dec.state.ny.us>, "James Noggle" <JDN@nrc.gov>, <JRW1@nrc.gov>, "Croulet, Donald" <dcroule@entergy.com>
Date: 1/23/06 9:50AM
Subject: 011706 UNIT 3 STORM DRAIN RESULTS.doc

<<011706 UNIT 3 STORM DRAIN RESULTS.doc>>

Folks--here is the latest re-sampling of the Unit 3 storm drains--not much has changed
bill

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 4
FOIA- 2006-0140

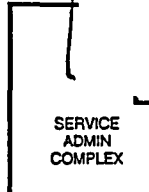
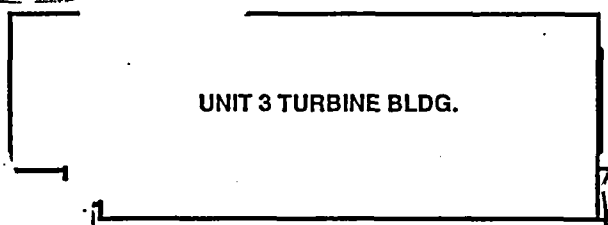
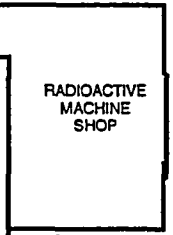
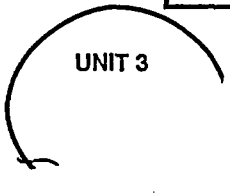
D/15

<<011706 UNIT 3 STORM DRAIN RESULTS.doc>>

Folks--here is the lastest re-sampling of the Unit 3 storm drains--not much has changed
bill

UNIT 3 STORM DRAIN
RESULTS MAP (01/17/06)

MH #	pCi/l
B1	5010
B3	4650
B4	3600
B6	<MDA
B7	2690
B8	<MDA
C1	867
D2	<MDA
E4	<MDA
E4A	<MDA
E5	<MDA
E5A	<MDA
E6	<MDA
E7	<MDA



DISCHARGE CANAL

DISCHARGE CANAL

DISCHARGE CANAL

HUDSON RIVER

Ex 4

From: "Axelson, William L" <WAxelso@entergy.com>
To: "Croulet, Donald" <dcroule@entergy.com>, <JRW1@nrc.gov>, "James Noggle"
<JDN@nrc.gov>, "Timothy Rice" <tbrice@gw.dec.state.ny.us>
Date: 1/23/06 9:52AM
Subject: MONITORING WELL STATUS.doc

<<MONITORING WELL STATUS.doc>>

Here is the overall latest MW and storm drain data--are we still set for Feb 6 for split sampling on phase 1 wells?

<<MONITORING WELL STATUS.doc>>

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MONITORING WELL STATUS (Jan 23, 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 (11/04/05)
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 Need to fix Packer assembly	Well installed	Remove and repair 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	About 15' down in hole Casing at about 10' in place	Complete well installation		
MW-37	U-2 Turbine Bldg	Drilled through concrete floor Down to subsoil level (about 8")	Finish MW-36, go to MW-37		
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 RESULT:</u> Fitzpatrick Result: 985 pCi/l (12/08/05) N.D. (12/30/05) 1008 pCi/l(01/10/06)	
MW-40	Lot above Sewer Plant	Pilot casing installed and cemented	Drilling today		
MW-39	Between U1 SFB & U3 RWST	Prepare to vacuum evacuate			

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	Electric drill on location to start drilling
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 (next to be vacuum evacuated)
MW-40 *	Parking Lot above Sewerage Plant (drilling starting now-01/20/06)
MW-48 *	Furthest Southerly Property Boundary (completed vacuum evacuation)
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 Jan 12, 2006 (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 Jan 13, 2006 (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

TREND COMPARISON

<u>Unit 3 Locations Sampled Jan 17, 2006</u>	<u>01/17/06</u>	<u>01/12/06</u>
B1 U-3 Transformer Yard	5010	4530
B3 U-3 Transformer Yard	4650	6280
B4 U-3 Transformer Yard	3600	3180
B6 U-3 Transformer Yard	<MDA	
B7 U-3 Transformer Yard	2690	2510
B8 U-3 Transformer Yard	<MDA	
C1 U-3 North of Service Bldg	867	997
D2 U-3 South of Service Bldg	<MDA	<MDA
E4 U-3 Access Road to Command Post	<MDA	
E4A U-3 Access Road to Command Post	<MDA	
E5 U-3 Access Road to U3 Command Post	<MDA	
E5A U-3 Access Road to U3 Command Post	<MDA	
E6 U-3 Access Road to U3 Command Post	<MDA	

E7 U-3 Access Road to U3 Command Post

< MDA

