

Loo, Wade

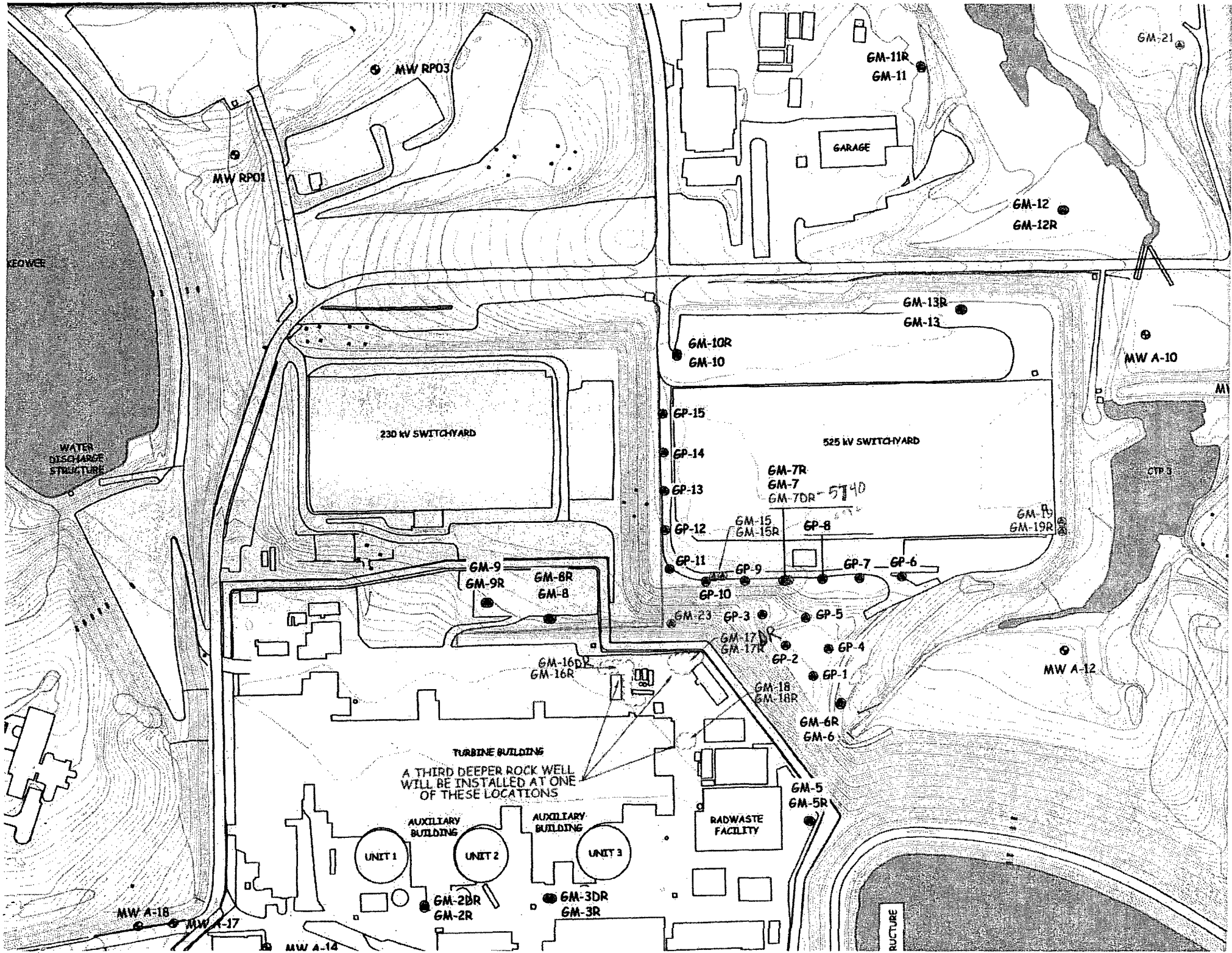
From: Ottenberg, Geoffrey *GO*
Sent: Monday, February 08, 2010 8:45 AM
To: Trojanowski, Robert; Bartley, Jonathan; Rapp, Curtis; Conatser, Richard; Loo, Wade; Bonser, Brian; Stamm, Eric
Cc: Riggs, Eric; Sabisch, Andrew; Ellis, Kevin
Subject: Oconee Groundwater communication
Attachments: Well Map.jpg; Sample Results 2_8_10.pdf

All,

Attached is the preliminary well sample results and a site map showing well locations. Two wells (GM-7R and GM-7DR) located near the 525kV switchyard had activity above 20,000 pCi/L. GM-7R was **24,400pCi/L** and GM-7DR was **35,400 pCi/L**. Communication is expected tomorrow, and the licensee is having a meeting at 1pm today to discuss the communication plan- the residents will follow.

Any questions, let me know.

Geoff Ottenberg
Oconee Resident Inspector
864-882-6927



A THIRD DEEPER ROCK WELL
WILL BE INSTALLED AT ONE
OF THESE LOCATIONS

GM-7R
GM-7
GM-7DR-5740

AUXILIARY BUILDING
UNIT 1
UNIT 2
UNIT 3
AUXILIARY BUILDING
GM-2BR
GM-2R
GM-3DR
GM-3R

RADWASTE
FACILITY

GARAGE

WATER
DISCHARGE
STRUCTURE

CTP 3

MW A-18
MW A-17

MW A-14

DUCTURE

H-3 SUMMARY REPORT
 JOBS: 09-DEC-0014, 09-DEC-0015, 09-DEC-0016, 10-JAN-0006
 REPORT GENERATED @ 02/08/2010 06:24:50

| SAMPLE DESCRIPTION | JOB# | DATE | SAMPLE ID# | ACTIVITY (PCI/L) | 1 SIGMA ERROR | MDA (PCI/L) |
|--|-------------|------------|------------|------------------|---------------|-------------|
| ONS TUBE BURIAL MW-RP01 | 09-DEC-0014 | 01/25/2010 | 30000835 | < 76.7 | | 160 |
| ONS TUBE BURIAL MW-RP02 | 09-DEC-0014 | 01/26/2010 | 30000836 | < 65.8 | | 159 |
| ONS TUBE BURIAL MW-RP03 | 09-DEC-0014 | 01/26/2010 | 30000837 | <-12.9 | | 166 |
| ONS GROUND WATER PROTECTION PROGRAM A-1 | 09-DEC-0015 | 01/26/2010 | 30000838 | 228.0 | 53.2 | 162 |
| ONS GROUND WATER PROTECTION PROGRAM A-2 | 09-DEC-0015 | 01/26/2010 | 30000839 | < 4.3 | | 162 |
| ONS GROUND WATER PROTECTION PROGRAM A-9 | 09-DEC-0015 | 01/25/2010 | 30000841 | <154.0 | | 162 |
| ONS GROUND WATER PROTECTION PROGRAM A-10 | 09-DEC-0015 | 01/26/2010 | 30000842 | 288.0 | 54.6 | 163 |
| ONS GROUND WATER PROTECTION PROGRAM A-11 | 09-DEC-0015 | 01/26/2010 | 30000843 | < 54.4 | | 163 |
| ONS GROUND WATER PROTECTION PROGRAM A-12 | 09-DEC-0015 | 01/26/2010 | 30000844 | < 8.7 | | 163 |
| ONS GROUND WATER PROTECTION PROGRAM A-13 | 09-DEC-0015 | 01/25/2010 | 30000845 | 681.0 | 60.6 | 163 |
| ONS GROUND WATER PROTECTION PROGRAM A-14 | 09-DEC-0015 | 01/25/2010 | 30000846 | 397.0 | 56.3 | 163 |
| ONS GROUND WATER PROTECTION PROGRAM A-17 | 09-DEC-0015 | 01/26/2010 | 30000847 | < 68.4 | | 160 |
| ONS GROUND WATER PROTECTION PROGRAM A-18 | 09-DEC-0015 | 01/26/2010 | 30000848 | <155.0 | | 158 |
| ONS GROUND WATER PROTECTION PROGRAM BG-4 | 09-DEC-0015 | 01/26/2010 | 30000849 | < 8.4 | | 162 |
| ONS GROUND WATER PROTECTION PROGRAM GM-1R | 09-DEC-0016 | 01/26/2010 | 30000850 | < 15.3 | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-2R | 09-DEC-0016 | 01/25/2010 | 30000851 | 4020.0 | 101.0 | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-2DR | 09-DEC-0016 | 01/25/2010 | 30000852 | 1900.0 | 78.9 | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-3R | 09-DEC-0016 | 01/25/2010 | 30000853 | <138.0 | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-3DR | 09-DEC-0016 | 01/25/2010 | 30000854 | <154.0 | | 173 |
| ONS GROUND WATER PROTECTION PROGRAM GM-4 | 09-DEC-0016 | 01/25/2010 | 30000855 | 306.0 | 58.0 | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-5 | 09-DEC-0016 | 01/25/2010 | 30000856 | <141.0 | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-5R | 09-DEC-0016 | 01/25/2010 | 30000857 | <-133. | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-6 | 09-DEC-0016 | 01/26/2010 | 30000858 | <108.0 | | 173 |
| ONS GROUND WATER PROTECTION PROGRAM GM-6R | 09-DEC-0016 | 01/26/2010 | 30000859 | <-179. | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-7 | 09-DEC-0016 | 01/26/2010 | 30000860 | 1380.0 | 74.2 | 178 |
| ONS GROUND WATER PROTECTION PROGRAM GM-7R | 09-DEC-0016 | 01/26/2010 | 30000861 | <u>24400.</u> | 220.0 | 178 |
| ONS GROUND WATER PROTECTION PROGRAM GM-8 | 09-DEC-0016 | 01/25/2010 | 30000862 | 229.0 | 58.0 | 178 |
| ONS GROUND WATER PROTECTION PROGRAM GM-8R | 09-DEC-0016 | 01/25/2010 | 30000863 | 218.0 | 57.4 | 177 |

PRELIMINARY REPORT

PRELIMINARY REPORT

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|---|-------------|------------|----------|---------------|-------|-----|
| ONS GROUND WATER PROTECTION PROGRAM GM-9 | 09-DEC-0016 | 01/25/2010 | 30000864 | <158.0 | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-9R | 09-DEC-0016 | 01/25/2010 | 30000865 | <-78.0 | | 177 |
| ONS GROUND WATER PROTECTION PROGRAM GM-10 | 09-DEC-0016 | 01/26/2010 | 30000866 | < 4.5 | | 178 |
| ONS GROUND WATER PROTECTION PROGRAM GM-10R | 09-DEC-0016 | 01/26/2010 | 30000867 | 195.0 | 57.4 | 178 |
| ONS GROUND WATER PROTECTION PROGRAM GM-11 | 09-DEC-0016 | 01/26/2010 | 30000868 | <-48.8 | | 176 |
| ONS GROUND WATER PROTECTION PROGRAM GM-11R | 09-DEC-0016 | 01/26/2010 | 30000869 | <-42.8 | | 179 |
| ONS GROUND WATER PROTECTION PROGRAM GM-12 | 09-DEC-0016 | 01/26/2010 | 30000870 | <-13.3 | | 174 |
| ONS GROUND WATER PROTECTION PROGRAM GM-12R | 09-DEC-0016 | 01/26/2010 | 30000871 | < 48.6 | | 173 |
| ONS GROUND WATER PROTECTION PROGRAM GM-13 | 09-DEC-0016 | 01/26/2010 | 30000872 | <-42.0 | | 173 |
| ONS GROUND WATER PROTECTION PROGRAM GM-13R | 09-DEC-0016 | 01/26/2010 | 30000873 | <-35.0 | | 171 |
| ONS GROUND WATER PROTECTION PROGRAM GM-14 | 09-DEC-0016 | 01/26/2010 | 30000874 | < 53.1 | | 173 |
| ONS GROUND WATER PROTECTION PROGRAM GM-14R | 09-DEC-0016 | 01/26/2010 | 30000875 | <-65.3 | | 170 |
| ONS GROUND WATER PROTECTION PROGRAM GM-7DR | 10-JAN-0006 | 01/26/2010 | 30001386 | <u>35400.</u> | 256.0 | 166 |
| ONS GROUND WATER PROTECTION PROGRAM GM-15 | 10-JAN-0006 | 01/26/2010 | 30001387 | 3830.0 | 95.4 | 162 |
| ONS GROUND WATER PROTECTION PROGRAM GM-15R | 10-JAN-0006 | 01/26/2010 | 30001388 | 436.0 | 56.5 | 162 |
| ONS GROUND WATER PROTECTION PROGRAM GM-16R | 10-JAN-0006 | 01/27/2010 | 30001389 | 9130.0 | 136.0 | 163 |
| ONS GROUND WATER PROTECTION PROGRAM GM-16DR | 10-JAN-0006 | 01/27/2010 | 30001390 | 12600. | 157.0 | 164 |
| ONS GROUND WATER PROTECTION PROGRAM GM-17R | 10-JAN-0006 | 01/27/2010 | 30001391 | 8410.0 | 130.0 | 161 |
| ONS GROUND WATER PROTECTION PROGRAM GM-17DR | 10-JAN-0006 | 01/27/2010 | 30001392 | 2150.0 | 79.7 | 165 |
| ONS GROUND WATER PROTECTION PROGRAM GM-19 | 10-JAN-0006 | 01/25/2010 | 30001395 | 305.0 | 54.5 | 162 |
| ONS GROUND WATER PROTECTION PROGRAM GM-19R | 10-JAN-0006 | 01/26/2010 | 30001396 | 305.0 | 54.5 | 162 |
| ONS GROUND WATER PROTECTION PROGRAM GM-20 | 10-JAN-0006 | 01/25/2010 | 30001397 | <-49.7 | | 198 |
| ONS GROUND WATER PROTECTION PROGRAM GM-20R | 10-JAN-0006 | 01/25/2010 | 30001398 | <-51.1 | | 203 |
| ONS GROUND WATER PROTECTION PROGRAM GM-21 | 10-JAN-0006 | 01/25/2010 | 30001399 | <-70.8 | | 202 |
| ONS GROUND WATER PROTECTION PROGRAM GM-22 | 10-JAN-0006 | 01/25/2010 | 30001400 | < 8.6 | | 197 |
| ONS GROUND WATER PROTECTION PROGRAM GM-23 | 10-JAN-0006 | 01/26/2010 | 30001401 | 467.0 | 69.7 | 201 |

 AVERAGE H3 ACTIVITY: 4876.14
 MAXIMUM H3 ACTIVITY: 35400.00
 MINIMUM H3 ACTIVITY: 195.00

* H3SUMM (RGEN) *
