USGS-Florida Water Science Center, Fort Lauderdale, FL

DATE OF INITIAL LOGGING: 8 April 2010

DATE OF COMPLETION: 10 April 2010

ELEVATION: 3.94 Feet (GL, NGVD 29)

LOCATION: 25-23-39.0 N (GPS, NAD 83)

PROJECT: FPL Turkey Point Monitoring Plan

WELL DEPTH: 131 Feet TD

WELL: TPGW-13 (G-3944)

EMFM Ambient
- Temperature: 27°C
- Conductivity (SW): 72000 uScm^-1
- pH: 7.8
- O2%: 0%
- Redox: -350 mV

EMFM-AMB Troll Dn
- Temperature: 27°C
- Conductivity (SW): 72000 uScm^-1
- pH: 7.8
- O2%: 0%
- Redox: -350 mV

EMFM-AMB Troll Up
- Temperature: 27°C
- Conductivity (SW): 72000 uScm^-1
- pH: 7.8
- O2%: 0%
- Redox: -350 mV

EMFM-PMP Troll Dn
- Temperature: 85° Deg. F
- Fluid Conductivity: 1.2 Ohm.m

EMFM-PMP Troll Up
- Temperature: 86° Deg. F
- Fluid Conductivity: 1.2 Ohm.m

Flow Meter Logs (11 April 2010)
- Net Flow Troll Up: 0 to 12 GPM

Ambient Fluid Logs
- Temperature: 29 30 Deg. C
- Conductivity (SW): -10000 to -7000 uS/cm
- Specific Conductance (25°C): -9000 to -7000 uS/cm
- Resistivity: -2 to -1 Ohm-m

Mean Vp: 0 to 20000 Feet/Second
Mean Vst: 0 to 20000 Feet/Second
Stoneley Amplitude: 0 to 100%
Raymer-Hunt Sonic Porosity: 0 to 1%

Full Waveform Sonic Logs
- Induction Conductivity: 0 to 2400 mS
- Induction Resistivity: 0.2 Ohm-m

Corehole Induction Conductivity
- Induction Conductivity: 0 to 2400 mS
- Induction Resistivity: 0.2 Ohm-m

Completed Monitor Well
- EM Induction Depth: 1ft to 12ft
- Digital Borehole Image (OBI 40, MK IV)
- 0° 0° 180° 90° 270°
- Acoustic Borehole Image (Amplitude)
- 0° 0° 180° 90° 270°
- Caliper: 0 to 2 Inches
- Natural Gamma: 0 to 200 cps
- SP: 0 to 100 mV
- SPR: 0 to 40 Ohms