



Energy to Serve Your WorldSM

File: E.03.40.C
Log: EV-07-0575

March 9, 2007

FEDERAL EXPRESS

Vogtle Electric Generating Plant Landfill #3
Solid Waste Permit No. 017-007D(L)(I)

Mr. Steve McManus
Program Manager – Solid Waste Management Program
Georgia Environmental Protection Division
4244 International Parkway, Suite 104
Atlanta, GA 30354

Dear Mr. McManus:

In October 2006, Southern Nuclear abandoned the monitor well GWB-16 at Plant Vogtle landfill #3 due to continued lack of water in the well and installed a new replacement well. We initiated sampling of the new well, GWB-16/MW-16R, during our groundwater monitoring event that was conducted in December 2006. Depth to water measurements and groundwater elevations taken for this well on December 4, 2006 are presented in *Table 1*.

Table 1 - Groundwater Elevation and Monitoring Well Construction Details

Total Well Depth (feet, topvc)	Riser Height (feet)	Screened Interval (feet, msl)	Groundwater Elevation (feet, msl)
80.80	3.00	156.79 – 166.79	160.14

Field measurements taken from this well on December 5, 2006 are presented in *Table 2*.

Table 2 - Groundwater Sampling Field Measurements

pH	Conductivity (umhos/sec)	Turbidity (NTU)	Gallons Purged	Odor	Color
7.36	80	5.4	1	None	None

EV-07-0575

Page 2

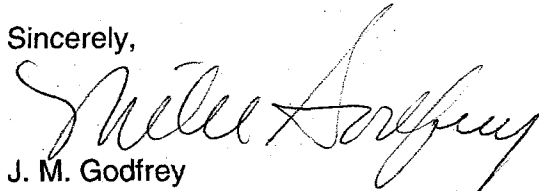
Georgia Environmental Protection Division
Mr. Steve McManus

In accordance with the approved Groundwater Monitoring Plan, the groundwater sample from this well was analyzed for the Chapter 391-3-4 Appendix I list of parameters, which consist of total metals and volatile organic compounds. Analysis was also conducted for the Chapter 391-3-4 Appendix II parameter mercury.

There were no detections of any parameters above the quantification limit in the replacement well during this monitoring period. The complete laboratory analytical reports, which include field and laboratory QA/QC results and chain of custody forms, are provided as part of the routine groundwater monitoring report submitted to Mr. Jeff Cown of the Georgia Environmental Protection Division.

If you have any questions or comments regarding the well abandonment/replacement activities, please contact Mickey Perry at (205) 992-6994.

Sincerely,



J. M. Godfrey
Manager – Environmental Affairs

JMG/MEP:ahl

cc: Mr. Jeff Cown (EPD)
Mr. Mickey Perry (SNC)
Mr. Kurt Batsel (Dextra)

EV-07-0575

Page 3

Georgia Environmental Protection Division

Mr. Steve McManus

bc: T. E. Tynan
J. G. Aufdenkampe
C. L. Buck
N. D. Dennis
S. A. Varnum
D. G. Goodwin (Return Receipt)
~~SNC Document Management – Plant Vogtle (Return Receipt)~~