

Memorandum

Date: 30 December 2019

To: Richard “Mike” Markey – Gulf Power Company

From: Lane Dorman, P.G._(FL) and Ben Amos, Ph.D., P.E._(FL) – Geosyntec Consultants

Subject: Remedy Selection Semi-Annual Progress Report
Gypsum Storage Area, Gulf Power Company, Plant Crist, Pensacola, Florida

Geosyntec Consultants, Inc. (Geosyntec) prepared this memorandum in accordance with 40 CFR §257.97(a) to provide a semi-annual progress update on the remedy selection process for the Gypsum Storage Area (GSA) at Gulf Power Company’s (Gulf Power’s) Plant Crist in Pensacola, Florida. An assessment of corrective measures (ACM) was completed to evaluate remedial options to address statistically significant levels (SSLs) of cobalt and total radium observed in GSA groundwater, as documented in the 11 June 2019 *Assessment of Corrective Measures Report* (Report).

Since completion of the Report, the following additional evaluation and monitoring activities have been performed:

- continued assessment of the nature and extent of SSLs;
- evaluation of temporal constituent concentration trends; and
- assessment of the contributions of naturally-occurring total radium to observed groundwater detections.

These activities, which will be documented in the upcoming *Annual Groundwater Monitoring Report*, will aid Gulf Power in remedy selection.

In addition, a public meeting to discuss the ACM was held on 19 December 2019 in Pensacola, Florida in accordance with 40 CFR §257.96(e). Notice of the public meeting was provided on December 3, 2019, in the Pensacola News Journal.


A final groundwater remedy will be selected pursuant to the requirements identified in 40 CFR §257.97. As remedy selection continues, groundwater assessment monitoring will be performed in accordance with 40 CFR §257.

This update was prepared in accordance with the requirements of 40 CFR Part 257 under the supervision of the undersigned State of Florida licensed Professional Engineer and Professional Geologist.

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