

**HAZARD POTENTIAL CLASSIFICATION – REVISION 01**  
**40 C.F.R. SECTION 257.73**  
**GULF CLEAN ENERGY CENTER GYPSUM STORAGE AREA**  
**FLORIDA POWER & LIGHT COMPANY**

The United States Environmental Protection Agency’s (EPA) “Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments” Final Rule (40 C.F.R. Part 257, Subpart D) §257.73(a)(2) and §257.100(e)(3)(v) require the owner or operator of an existing or new CCR surface impoundment to conduct an initial and periodic hazard potential classification assessment. Hazard potential classification means the possible adverse incremental consequences that result from the release of water or stored contents due to failure of the diked CCR surface impoundment or mis-operation of the diked CCR surface impoundment or its appurtenances. Pursuant to 40 C.F.R. §257.73, a CCR unit is classified with one of the following potential hazard classifications:

- High hazard potential CCR surface impoundment means a diked surface impoundment where failure or mis-operation will probably cause loss of human life.
- Significant hazard potential CCR surface impoundment means a diked surface impoundment where failure or mis-operation results in no probable loss of human life; but can cause economic loss, environmental damage, disruption of lifeline facilities, or impact other concerns.
- Low hazard potential CCR surface impoundment means a diked surface impoundment where failure or mis-operation results in no probable loss of human life and low economic and/or environmental losses. Losses are principally limited to the surface impoundment owner’s property.

The Gypsum Storage Area is located in Pensacola, Florida at the Gulf Clean Energy Center (GCEC, formerly Plant Crist), and is owned and operated by Florida Power & Light Company (FPL). The Gypsum Storage Area is a lined facility and is formed by an engineered perimeter dike. The CCR unit is bound to the north and west by undeveloped plant property, to the south and southeast by the plant facilities, and to the east and northeast by non-CCR water storage facilities. A tributary to the Escambia River is located approximately 400 feet north-northwest of the northern crest of the unit. At the time of this submittal, the GCEC Gypsum Storage Area is currently inactive following the facility ceasing coal fired operations in October 2020 and is undergoing engineering design evaluation for closure by removal in accordance with 40 C.F.R. §257.102(c).

Based on the potential impacts in the unlikely event of an embankment failure, a hazard potential classification of Significant Hazard has been assigned to the Gypsum Storage Area, indicating that structural failure or mis-operation of the unit would result in no probable loss of human life; but can cause economic loss, environmental damage, disruption of lifeline facilities, or impact other concerns.

## CERTIFICATION

I certify that the hazard potential classification for GCEC Gypsum Storage Area was conducted in accordance with 40 CFR § 257.73(a).



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Kevin S. Brown, P.E.

Florida Licensed Professional Engineer No. 57819

Golder Associates Inc.