



Drainage Statement: Canaveral Clean Energy Center Remote Generator Purge System

Florida Power & Light Company is requesting an amendment to the previously issued Site Certification for the Canaveral Clean Energy Center (CCEC) permitted under the following:

- SCA No PA 08-53: Canaveral Clean Energy Center

Remote Generator Purge System Improvements

The following improvements are necessary for the continued operation and maintenance operations at the CCEC:

- Construct three concrete foundations (8 feet x 8 feet each) to support the installation of the remote generator purge project. The remote generator purge system is being installed in support of hurricane preparedness and safety. The system will allow for the safe evacuation of the generator H2 from the control room, so personnel do not have to work outdoors in the storm environment to purge the generator.

Total = 192 square feet of concrete foundations

The proposed improvements will be constructed on a previously developed, upland area of CCEC.

Stormwater Management

The **192 square feet of impervious area** improvements have been accounted for in the **previously permitted** 10.19979 acres of impervious area in Drainage Basins 9, 15 and 23. There will be **no increase in impervious area** at CCEC.

The runoff from the proposed improvements will drain via overland flow to existing drainage infrastructure within the CCEC. Piping and drainage structures will not be installed as part of the planned improvements. All slabs and foundations will be constructed at the existing finished grades (i.e., **no filling** of the site is planned). The runoff from all proposed improvements will ultimately drain to the existing ponds onsite, which provide volumetric requirement and water quality treatment volumes for the CCEC. The existing ponds will **not be modified**.

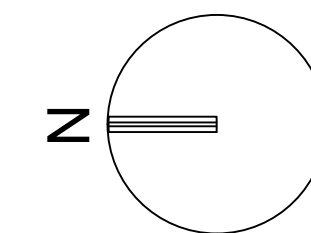
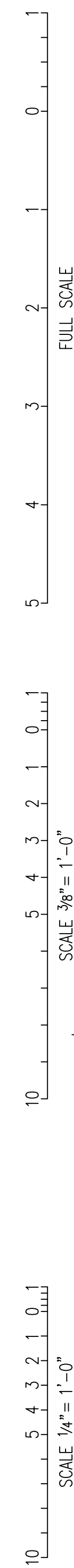
No changes to the CCEC stormwater management system are necessary because of these improvements. There will be **no increases** to the previously permitted discharge rates from the CCEC.

Claudine Alexander, Professional Engineer
State of Florida, License No. 53822

This item has been digitally signed and sealed by Claudine Alexander, P.E.
on December 20, 2022.

Printed copied of this document are not considered signed and sealed
and the signature must be verified.

AS-BUILT INFORMATION	WALKDOWN INFORMATION		TECHNICAL ACCEPTANCE	
	ORG		ENGINEERING	ORG
	BY		ORGANIZATION	BY
	DATE			DATE



INDIAN RIVER LAGOON

STORMWATER
POND B

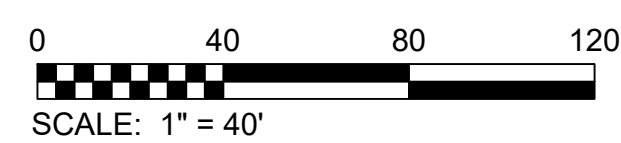
STORM
WATER
POND A

STORMWATER
POND C

8' X 8' CONCRETE
FOUNDATION PAD

8' X 8' CONCRETE
FOUNDATION PAD

8' X 8' CONCRETE
FOUNDATION PAD



-	-	-	-	-	-	-	-	-	-
REV	DATE	CONCEPT PLAN FOR SCA AMENDMENT				CRA	JRC	-	-
		REVISION DESCRIPTION				BY	CH	COR	APR



SYSTEM —	DISCIPLINE —	PLANT/UNIT CANAVERAL CLEAN ENERGY CENTER	
TYPE —	UNIT —	TITLE CONCEPT PLAN FOR SCA AMENDMENT	
DRAWING SIZE D(24"X36")	SCALE —		
DRAWING NUMBER		REMOTE GENERATOR PURGE SYSTEM PADS	
		SHEET C-1	REV —