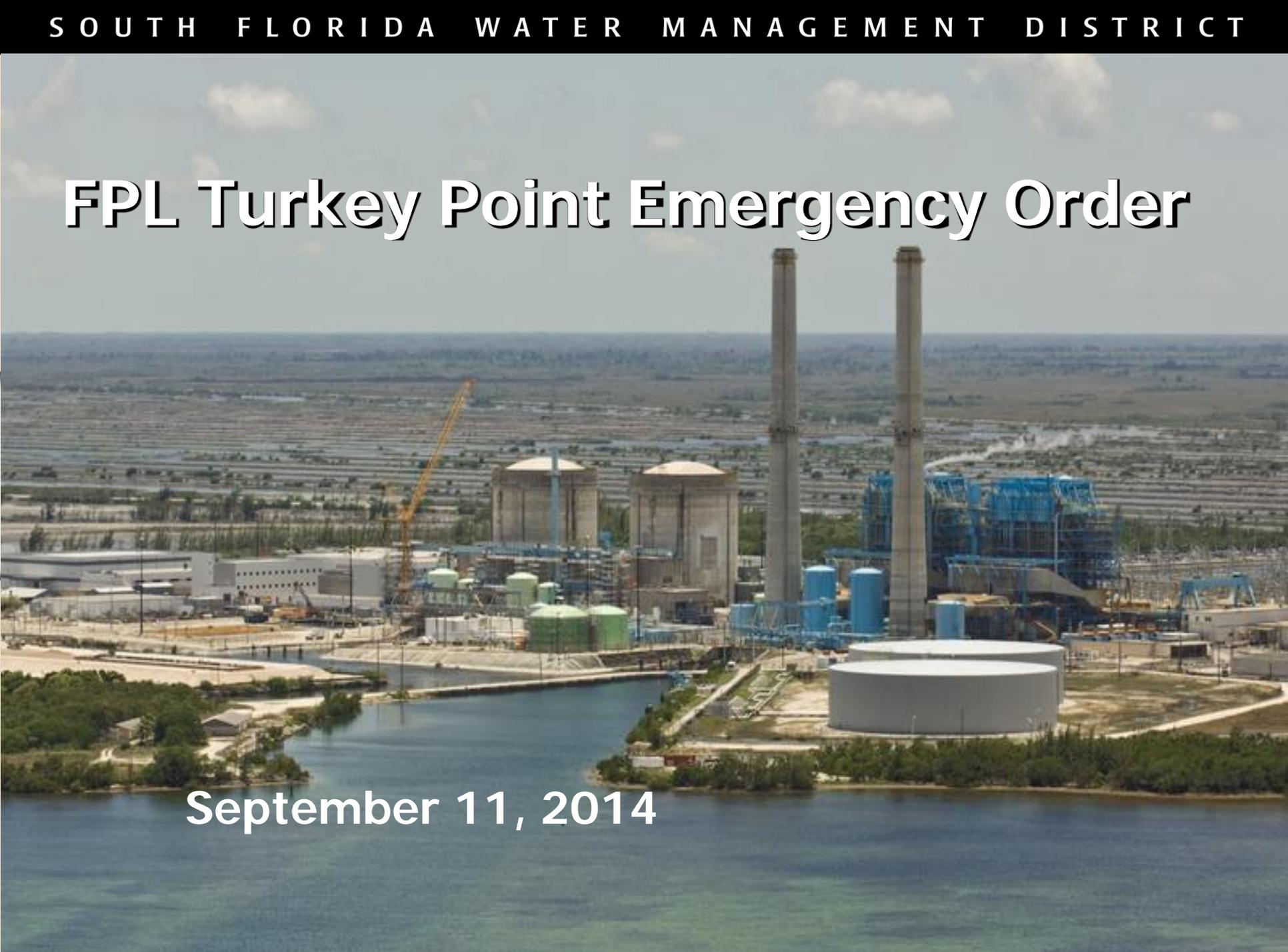
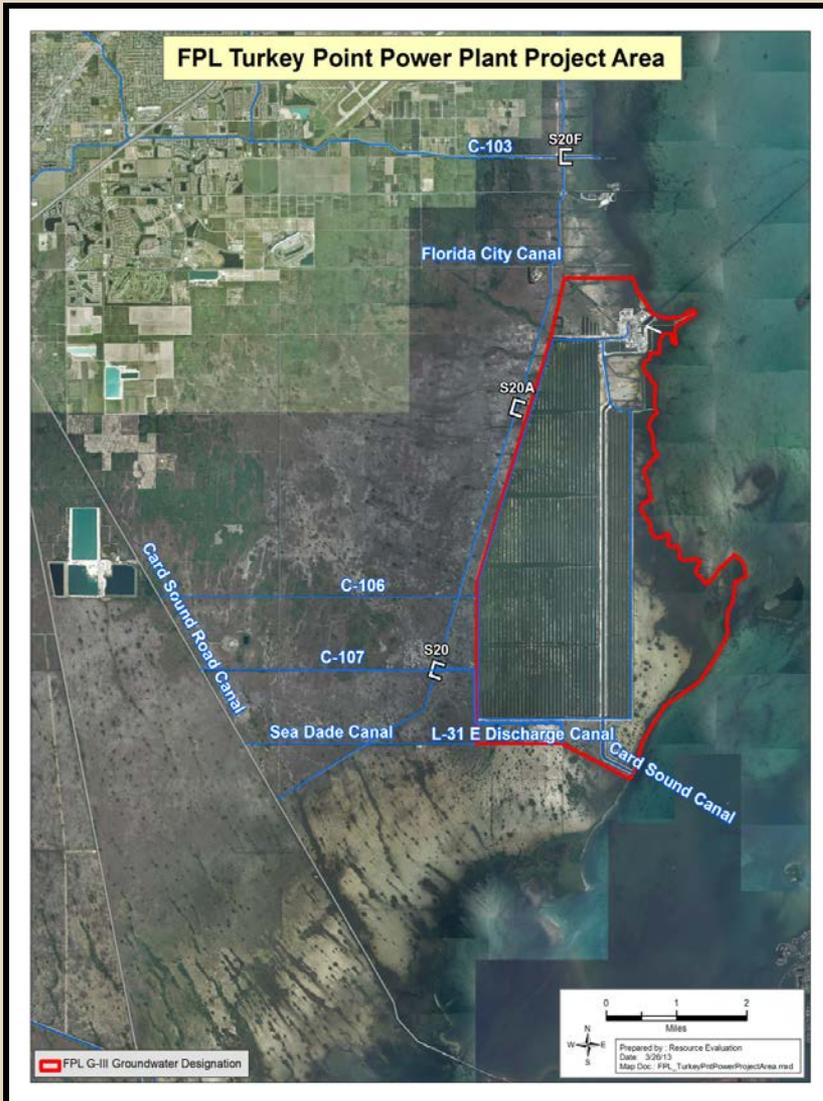


FPL Turkey Point Emergency Order

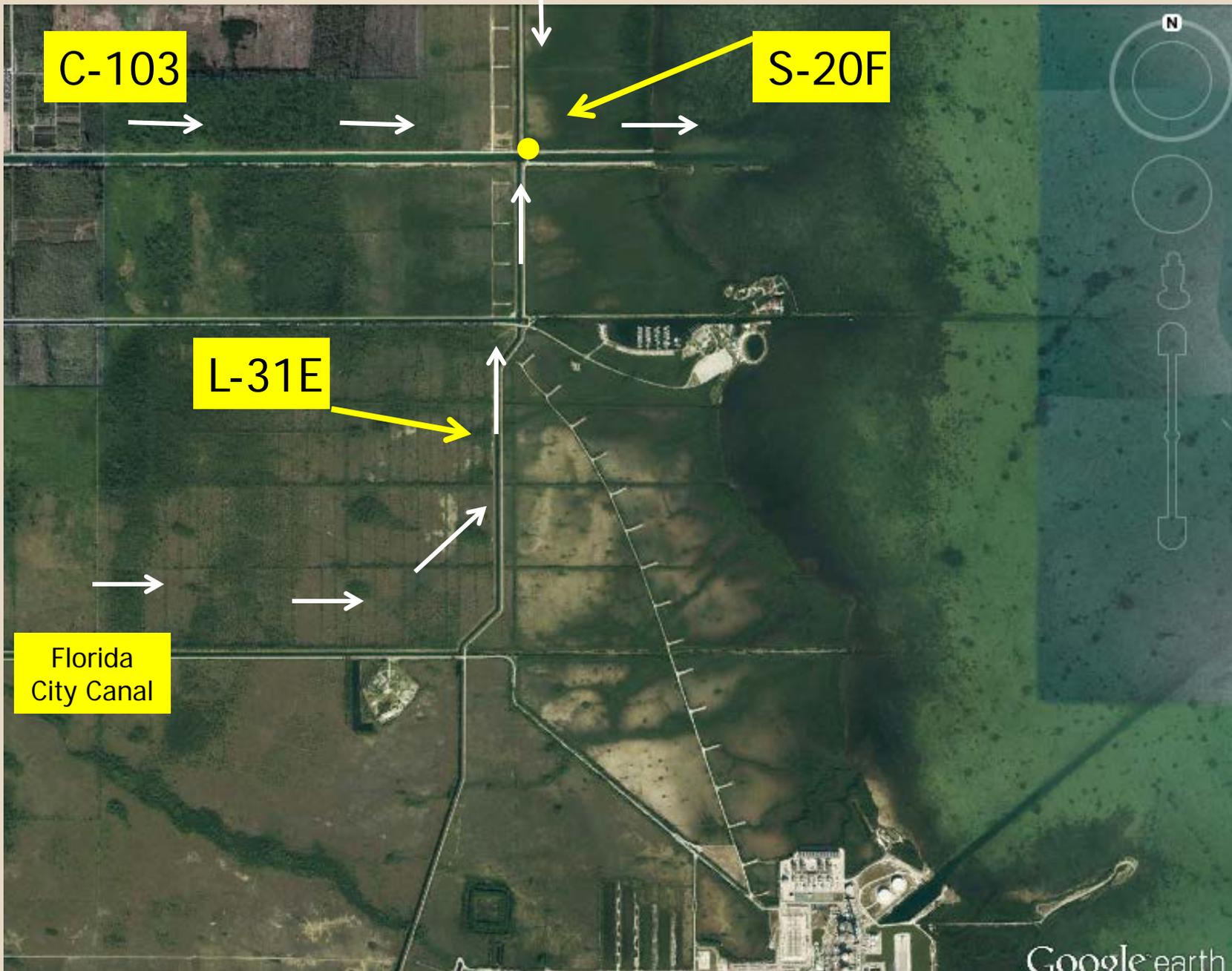
September 11, 2014

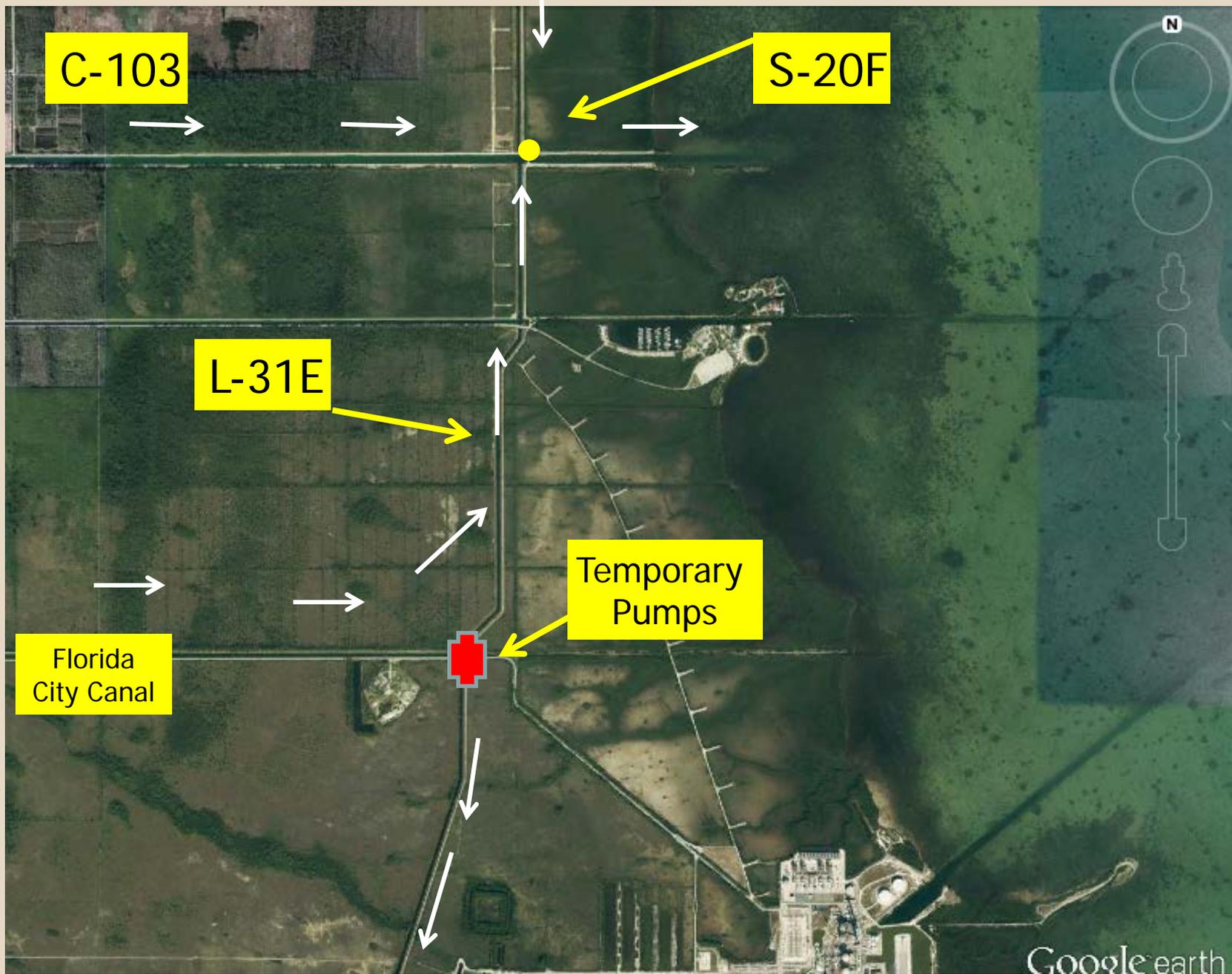


FPL Cooling Canal Operational Issues



- FPL Cooling Canal System (CCS) constructed in early '70s
- No surface water inflows or outflows into CCS
- Rainfall in 2013 & 2014 in CCS well below normal
- Ongoing algal bloom issue in the CCS resulting in reduced heat exchange and rising temperatures
- FPL requested emergency authorization from Nuclear Regulatory Commission to operate at higher temperatures





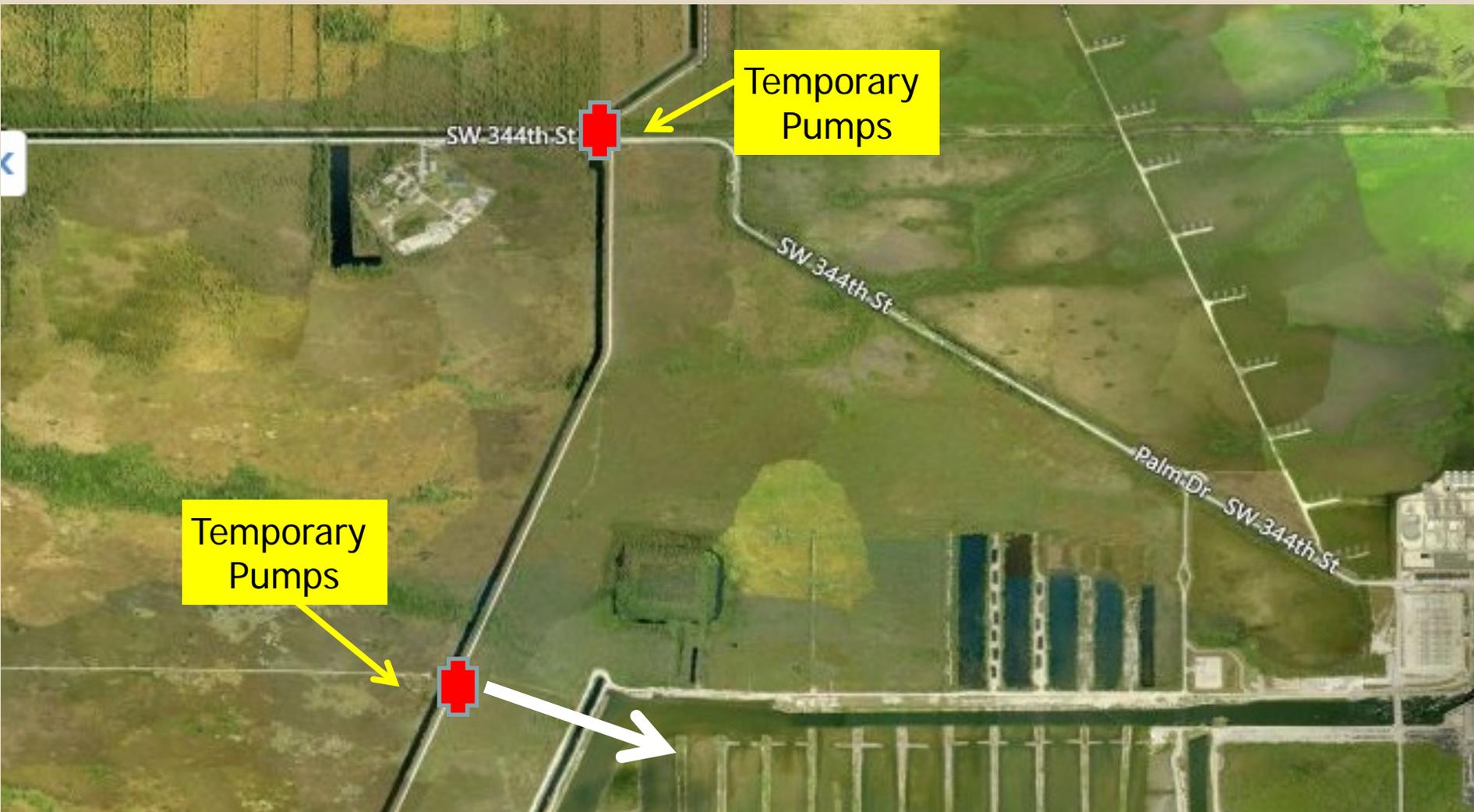
C-103

S-20F

L-31E

Temporary Pumps

Florida City Canal



Summary of Key Order Conditions

- Water withdrawals may only be made when discharges are above water reservation amounts
- Daily oversight and direction from District Operations Staff, weekly reporting & no guarantee water will be available on any given day
- Withdrawals are temporary, not to exceed 10/15/14
- Pumps must be equipped with remote shut-off device
- All facilities on District ROW must be removed when order expires
- Emergency Order issued August 28th, but no water withdrawals have yet taken place

Staff Recommendation

Enter a Final Order concurring the Executive Director's emergency authorization issues to Florida Power and Light for the purpose of authorizing the temporary pump installation and water withdrawal along and from the L-31E Canal System, Miami-Dade County, Florida

Question / Discussion