SUSTAINABILITY FOR JACKSONVILLE'S FUTURE

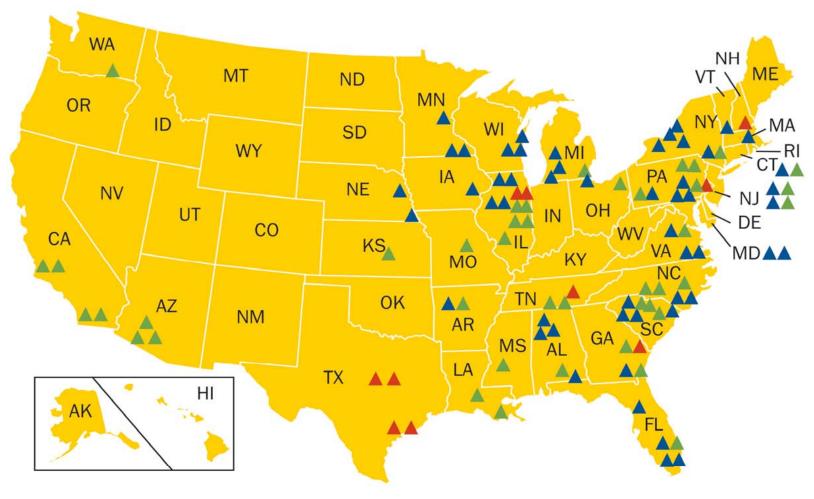
NUCLEAR ENERGY IN FLORIDA

Douglas S. Roberts

Hopping Green & Sams, P.A.

Hopping Green & Sams

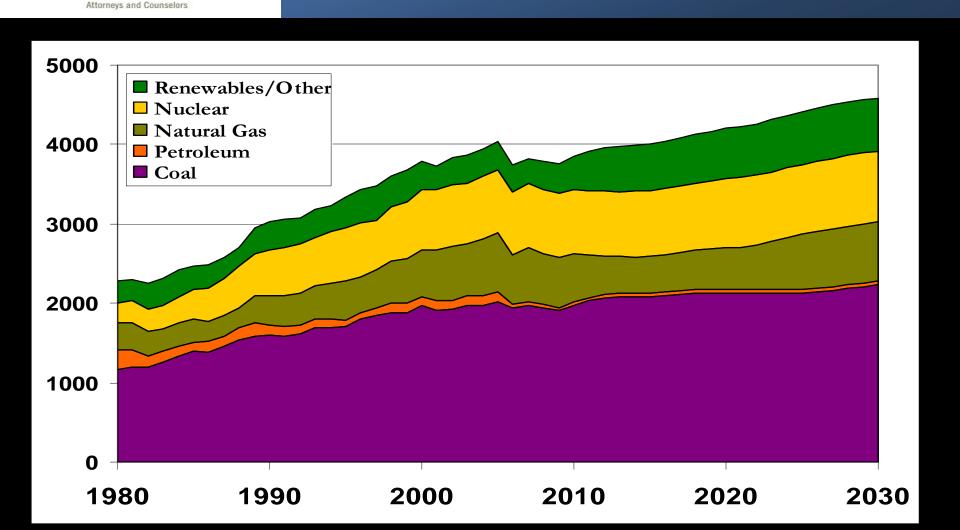
U.S. Commercial Nuclear Power Reactors—Years of Operation



Years of Commercial Operation	Number of Reactors
Δ 0-9	0
10-19	10
▲ 20-29	42
▲ 30-39	52



Electric Generation by Fuel 1980 – 2030





Florida's Electrical Mix

ELECTRICITY BY FUEL SOURCE

	<u>2008</u>	<u>2018</u>
Coal	25%	23%
Natural Gas	42%	47%
Nuclear	14%	23%
Oil	4%	> 1%
Renewable	1%	1%



Florida's Existing Nuclear Power Plants

3 Sites - 5 Units

• Citrus 800 MW, PEF

• St. Lucie 1600 MW, FPL SL 1 & 2

Miami-Dade 1400 MW, FPL TP 3 & 4

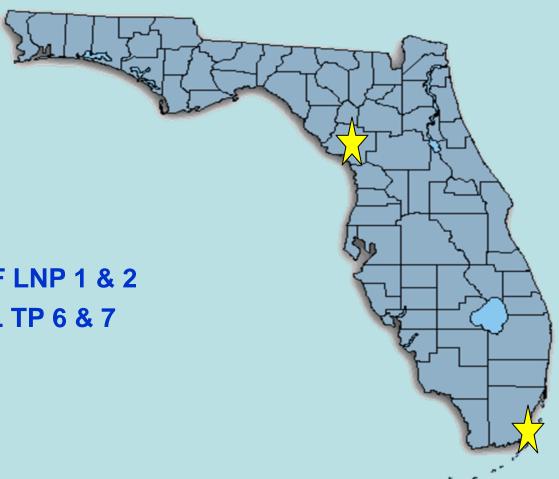


Florida's New Nuclear Projects

2 Sites - 4 Units

• Levy 2200 MW, PEF LNP 1 & 2

Miami-Dade 2200 MW, FPL TP 6 & 7





Hopping Green & Sams

Attorneys and Counselors

Progress Energy Florida Levy Nuclear Project



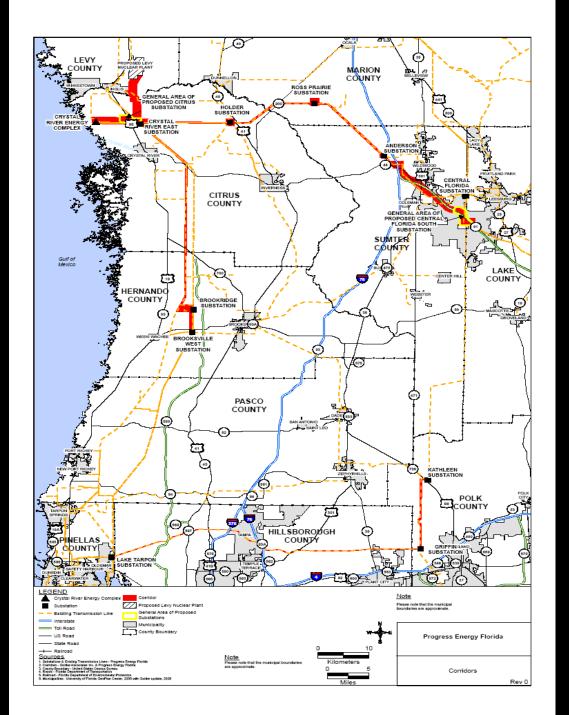


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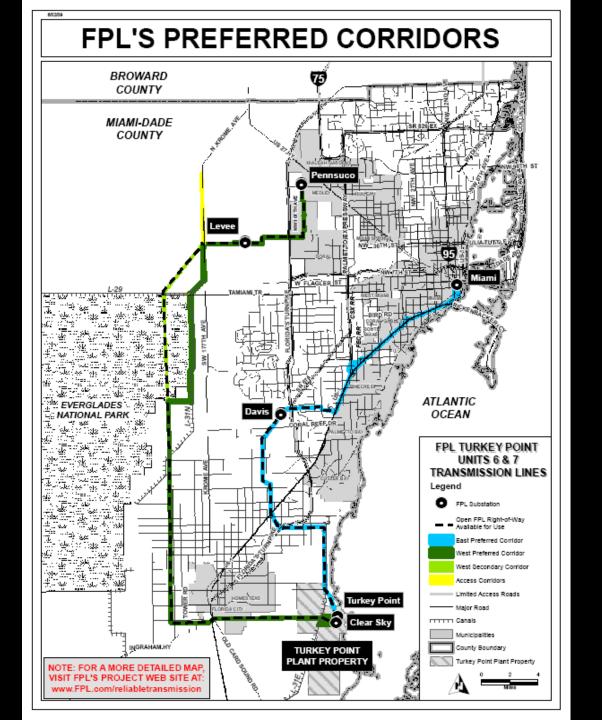
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Progress Energy Florida Levy Nuclear Project

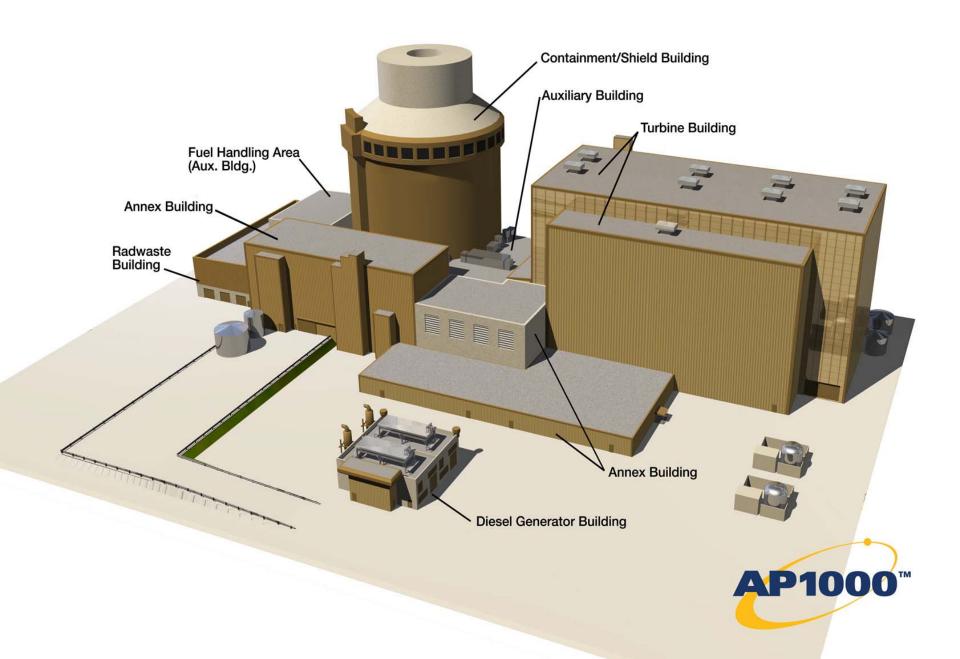


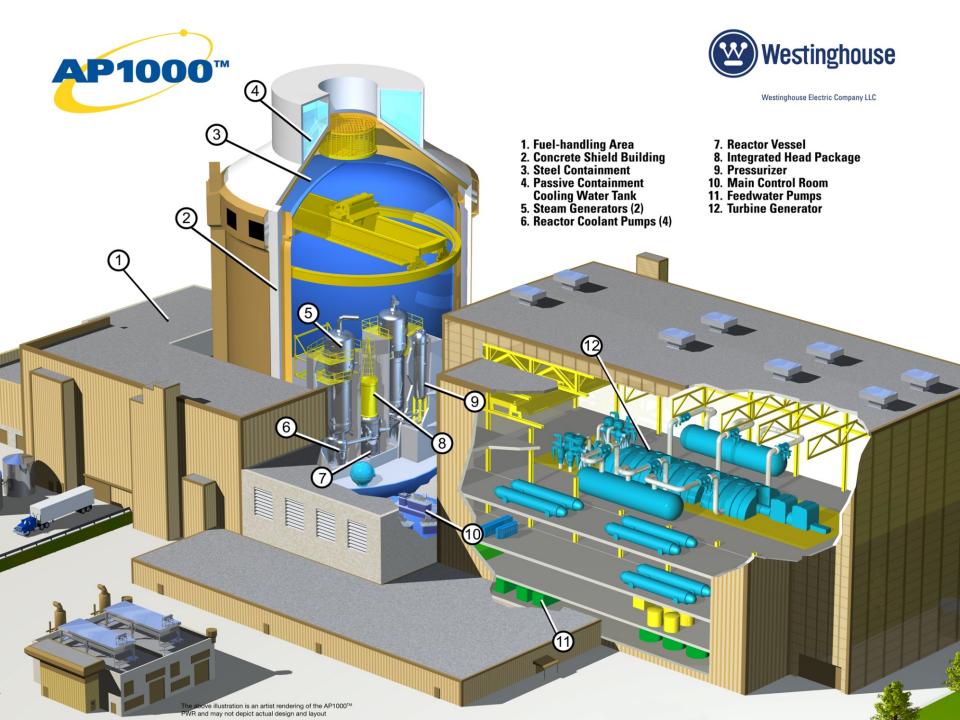






The Westinghouse AP1000™





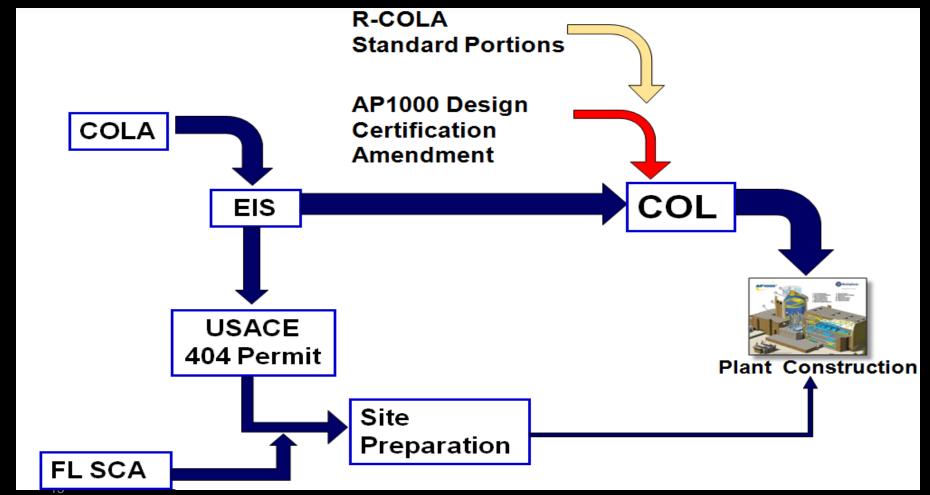


State of Florida Approvals-PEF Levy Project

- June 2008 Site Certification Application (SCA) submitted to Florida DEP
- August 2008 Florida PSC Affirmative Determination of Need issued
- September 2008 Levy County Land Use/Zoning/Comp.
 Plan required approvals obtained
- January 2009 Florida DEP Agency Report Issued
- February/March 2009 Site Certification Hearings held
- August 2009 Florida Power Plant Siting Board Approval Granted



Federal requirements, status and timeframes –Regulatory Sequence





NEW NUCLEAR PLANT ISSUES

- Water Supply / Sources
- Wastewater Disposal
- Land Use
- Spent Fuel Storage
- Transmission Lines
- Wetlands
- Community Impacts

Beneficial Economic Impacts of Levy Nuclear Project

	Construction (2014 - Peak)	Operation (2017)
	(2014 - 1 Cak)	(2017)
Employment	3300	800
Payroll	\$151.5 million	\$53.3 million
(Annual)		
Local Property Taxes	\$0*	\$104 million
(Annual)		
Annual Regional Goods	\$263 million	\$520.6
and Services		million
(Direct, Indirect and Induced)		

s's in 2007 - 2008 dollars.

^{*}Property Tax Collections of approximately \$63 million will start when Unit 1 is brought online.