

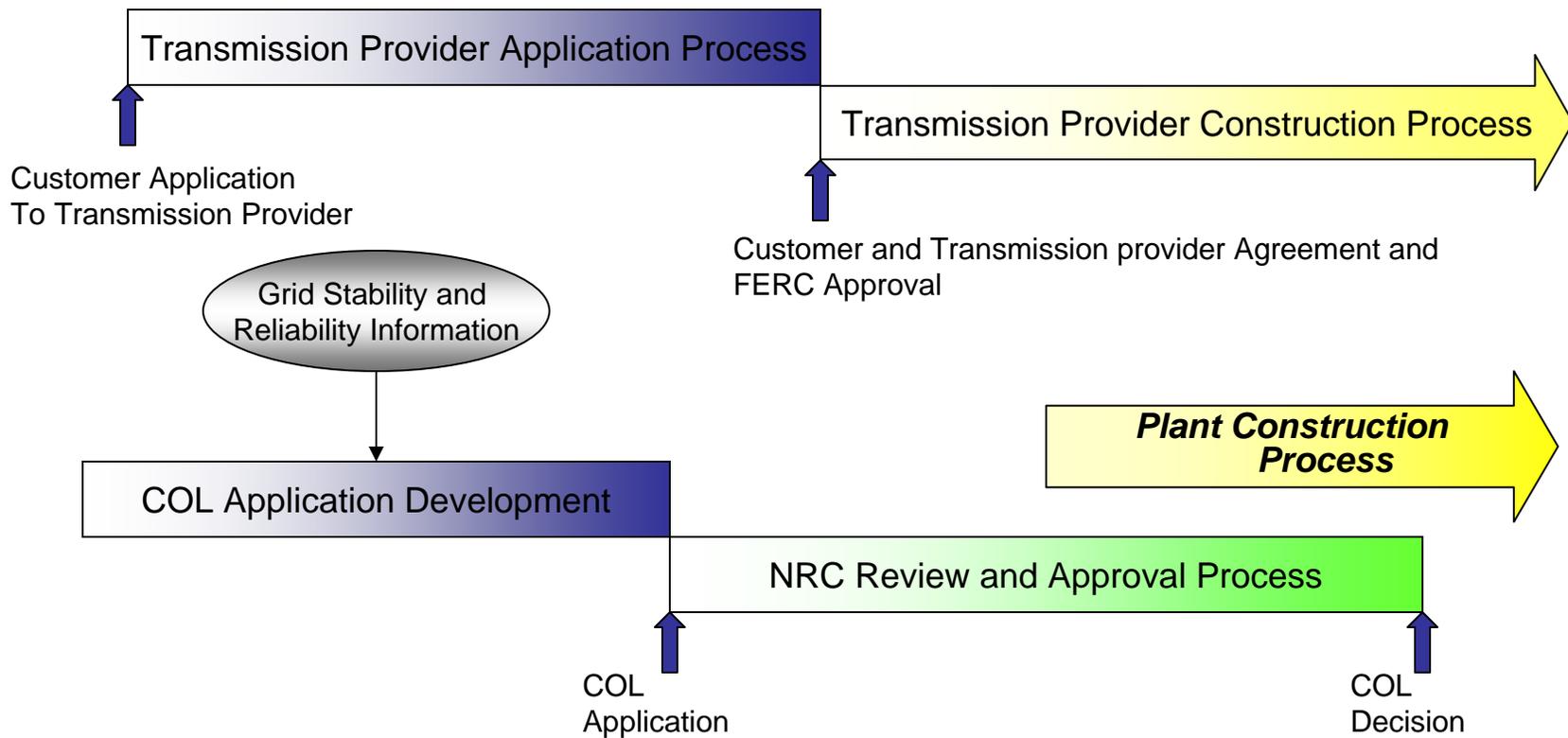


Grid Reliability Update on Anticipated Reactors

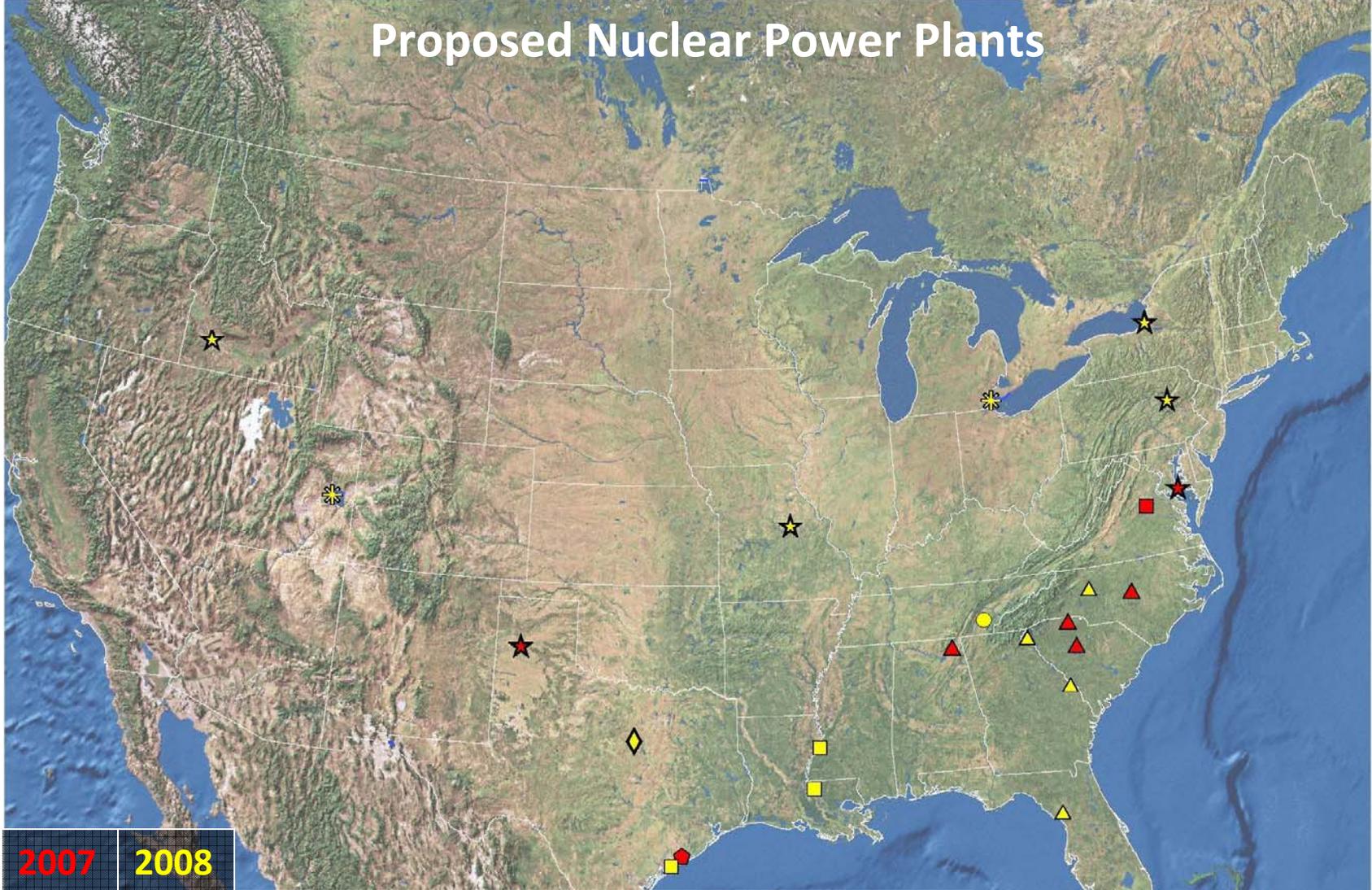
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Division of Engineering
Office of New Reactors

April 8, 2008

Parallel Review Process



Proposed Nuclear Power Plants



2007 **2008**

AP 1000	ESBWR	ABWR	EPR	US APWR	Unknown	Watts Bar
1117 MWe	1550 MWe	1371 MWe	1600 MWe	1600 MWe	N/A	1200 MWe
Certified	Under Review	Certified	Under Review	Under Review	N/A	Under Review

Expected New Nuclear Power Plant Applications (Updated March 19, 2008)

Company (Project Number/Docket Number)	Design	Date Accepted	Site Under Consideration	State	Existing Op. Plant
Calendar Year (CY) 2007 Applications (Applications=4; Units=7)					
Duke (52-018/019)	AP1000	2/25/2008	William Lee Nuclear Station (2 units)	SC	N
NuStart Energy (52-014/015)	AP1000	1/18/2008	Bellefonte (2 units)	AL	N
Dominion (52-017)	ESBWR	1/29/2008	North Anna (1 unit)	VA	Y
NRG Energy (52-012/013)	ABWR	11/29/2007	South Texas Project (2 units)	TX	Y
Calendar Year (CY) 2008 Applications (Applications=15; Units=22)					
Progress Energy (738)	AP1000		Harris (2 units)	NC	Y
Progress Energy (756)	AP1000		Levy County (2 units)	FL	N
South Carolina Electric & Gas (743)	AP1000		Summer (2 units)	SC	Y
Southern Nuclear Operating Company (755)	AP1000		Vogtle (2 units)	GA	Y
Entergy (745)	ESBWR		River Bend (1 unit)	LA	Y
NuStart Energy (744)	ESBWR		Grand Gulf (1 unit)	MS	Y
Exelon (761)	ESBWR		Victoria County (2 units)	TX	N
UNISTAR (52-016)	EPR	1/25/2008	Calvert Cliffs (1 unit)	MD	Y
PPL Generation	EPR		Berwick (1 unit)	PA	Y
AmerenUE (750)	EPR		Callaway (1 unit)	MO	Y
UNISTAR (759)	EPR		Nine Mile Point (1 unit)	NY	Y
Luminant Power (754)	USAPWR		Comanche Peak (2 units)	TX	Y
Detroit Edison (757)	TBD		Fermi (1 unit)	MI	Y
Amarillo Power (752)	EPR		Vicinity of Amarillo (2 units)	TX	UNK
Calendar Year (CY) 2009 Applications (Applications=1; Units=2)					
Florida Power and Light (763)	AP1000		Turkey Point (2 units)	FL	Y
Calendar Year (CY) 2010 Applications (Applications=2; Units=2)					
Transition Power	TBD		Utah	UT	N
Unannounced	TBD		TBD	TBD	UNK