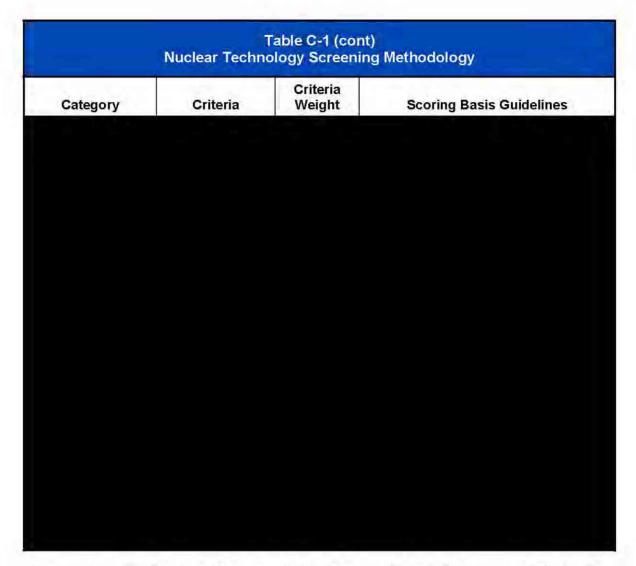
4 CSR 24-22.040 Appendix C

Table C-1 Nuclear Technology Screening Methodology					
Category	Criteria	Criteria Weight	Scoring Basis Guidelines		



The screening methodology in Table 3 was applied to the seven technologies being screened. The detailed screening results are presented in Table 4.

							Sc		ole C-2 ng Resu	ilts								
	Car	oital C	ost	Energ E	Benefit	cy Act ts	Dev	elopn Risk		Ability		icense	,	taffin	g	Sa Env	afety a ironm	ental
	15%		10%		10%		10%			5%			15%		Ť			
	Criteria Score	W	Category Total	Criteria Score	Wt	Category Total	Criteria Score	W	Category Total	Criteria Score	W	Category Total	Criteria Score	W	Category Total	Criteria Score	Wt	Category
ABWR		,																
ACR-1000																		
AGK-1000																		
AP1000																		
ESBWR																		
ESBWR PBMR																		

					ş	Table (Screeni	C-2 (con ng Resu	t) ilts						
	Fuel Co		vailability	08	&M C		Econo		f Scale	Constru		chedule		
		10%		15%			5%			5%			Grand	
	Criteria Score	W	Category Total	Criteria Score	Wt	Category Total	Criteria Score	Wt	Category Total	Criteria Score	Wt	Category Total	Total	7 100
ABWR														
ACR-1000														
AP1000														
ESBWR														
PBMR														
US-APWR														

Expected New Nuclear Power Plant Applications

Expected	New Nuclear Po	Table C-3 wer Plant Applications Updated A	pril 4, 2007	
Company	Design Type	Site Under Consideration	State	Existing Plants
		2007 Applications		
Duke	AP1000	William Lee Nuclear Station (2units)	SC	N
NuStart Energy	AP1000	Bellefonte (2 units)	AL	N
Progress Energy	AP1000	Harris (2 units)	NC	Y
Dominion	ESBWR	North Anna (1 unit)	VA	Y
NuStart Energy	ESBWR	Grand Gulf (1 unit)	MS	Y
South Carolina Electric & Gas	AP1000	Summer (2 units)	SC	Y
NRG Energy	ABWR	South Texas Project (2 units)	TX	Y
	TOTAL	NUMBER OF APPLICATIONS=7 NUMBER OF UNITS=12		
		2008 Applications	4	
Progress Energy	AP1000	Levy County (2 units)	FL	N
Southern Nuclear Operating Co.	AP1000	Vogtle (2 units)	GA	Y
Entergy	ESBWR	River Bend (1 units)	LA	Y
UNISTAR	EPR	Calvert Cliffs (1 units)	MD	Y
UNISTAR	EPR	TBD (1 unit)	TBD	UKN
AmerenUE	EPR	Callaway (1 unit)	МО	Y
UNISTAR	EPR	Nine Mile Point (1 unit)	NY	Y
TXU Power	US APWR	Comanche Peak (2 units)	TX	Y
Exelon	TBD	TBD (1 unit)	TBD	UNK
Detroit Edison	TBD	Fermi (1 unit)	MI	Y
Amarillo Power	EPR	Vicinity of Amarillo (2 units)	TX	UNK
		TUMBER OF APPLICATIONS=11 NUMBER OF UNITS=15		
		2009 Applications		
Florida Power & Light	TBD	TBD (1 unit)	UNK	UNK
2	TOTAI 007-2009 TOTAI	NUMBER OF APPLICATIONS=1 L NUMBER OF UNITS=1 L NUMBER OF APPLICATIONS=1 L NUMBER OF UNITS=28	19	