



FLORIDA POWER AND LIGHT
TURKEY POINT
EXPLORATORY DRILLING AND
AQUIFER PERFORMANCE TEST PROGRAM

August 19, 2009



HDR

Table 5.2
Florida Power and Light
Turkey Point Exploratory Drilling and Aquifer Performance Test Program
Aquifer Performance Test Analysis Results

Well	Data	Method	T (ft²/d)	Storage Coefficient	K' (ft/d) (calculated)
PW-1	Drawdown	Cooper-Jacob	450,000		
	Recovery	Theis Recovery	492,623		
MW1 DZ PI	Drawdown	Walton (1962)	368,000	1.00E-06	980
	Recovery	Theis Recovery	998,360		
MW-2	Drawdown	Hantush (1964)	501,548	0.002	10
		Walton (1962)	517,000		
	Recovery	Theis Recovery	1,826,580		
MW-3	Drawdown	Hantush (1964)	907,296	0.0009	5
		Walton (1962)	977,000	0.0007	
	Recovery	Theis Recovery	2,956,330		
MW-4	Drawdown	Hantush (1964)	925,783	0.001	4
		Walton (1962)	1,030,000	0.004	
	Recovery	Theis Recovery	3,650,000		
ALL	Drawdown	Distance-Drawdown	800,000		
Arithmetic Mean ALL			1,171,466	0.0014	
Arithmetic Mean Drawdown			719,625		
Arithmetic Mean Recovery			1,984,779		