



Florida Power & Light Company  
Turkey Point Expansion Project – Unit 5

February 12, 2015

Curtis Thompson – MS 4320  
Environmental Resource Regulation  
South Florida Water Management District  
P.O. Box 24680  
West Palm Beach, FL 33416-4680

**RE: FPL TURKEY POINT UNIT 5 GROUNDWATER MONITORING PLAN  
THIRTY-NINETH QUARTERLY WELL REPORT**

Enclosed is the thirty-ninth quarterly well report for the FPL Turkey Point Unit 5 Expansion Project. The water accounting method used is a flow meter calibrated consistent with ISO 10474 3.1B. This report is to comply with the request for a quarterly report mentioned in the approval letter provided by the SFWMD on June 8, 2005, as well as Condition XXXIII.C 10 of the projects' Conditions of Certification (PA 03-45).

Should you have any questions concerning these data or any other information, please contact me at (305) 242-3826.

Sincerely,

Gary W. Andersen  
Sr. Environmental Leader

cc: Justin Green, FDEP Siting Office  
SCO@dep.state.fl.us

Enclosure

## Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

November-14

	Well Pump #1	Well Pump #3	Well Pump #4	Total Flow
	Gallons	Gallons	Gallons	Gallons
1-Nov-14	1,070,211	4,258,233	4,547,863	9,876,307
2-Nov-14	0	4,264,718	4,939,879	9,204,597
3-Nov-14	866,149	3,877,114	4,768,608	9,511,871
4-Nov-14	2,390,938	362,145	3,694,470	6,447,552
5-Nov-14	1,312,092	0	4,244,544	5,556,636
6-Nov-14	3,440,959	2,400,144	2,326,178	8,167,280
7-Nov-14	3,440,959	2,400,144	2,326,178	8,167,280
8-Nov-14	5,451,832	4,648,938	0	10,100,770
9-Nov-14	4,054,958	3,658,379	0	7,713,337
10-Nov-14	4,054,958	3,658,379	0	7,713,337
11-Nov-14	2,881,832	5,103,500	2,529	7,987,861
12-Nov-14	3,101,628	5,053,475	2,192	8,157,295
13-Nov-14	3,321,425	5,003,449	1,855	8,326,728
14-Nov-14	3,541,222	4,953,423	1,518	8,496,163
15-Nov-14	3,761,018	4,903,398	1,180	8,665,597
16-Nov-14	3,980,815	4,853,372	843	8,835,030
17-Nov-14	4,200,611	4,803,347	506	9,004,464
18-Nov-14	4,420,408	4,753,321	169	9,173,898
19-Nov-14	4,530,327	4,728,304	0	9,258,630
20-Nov-14	4,783,514	4,743,416	0	9,526,930
21-Nov-14	4,758,339	4,763,362	0	9,521,702
22-Nov-14	3,299,801	4,446,613	2,935,892	10,682,305
23-Nov-14	1,773,499	4,566,418	4,959,697	11,299,614
24-Nov-14	3,196,780	4,629,359	2,907,598	10,733,737
25-Nov-14	2,398,901	4,548,723	4,537,166	11,484,789
26-Nov-14	1,092,543	4,551,141	5,211,199	10,854,884
27-Nov-14	599,762	4,531,966	5,185,054	10,316,782
28-Nov-14	453,582	4,348,166	5,208,867	10,010,615
29-Nov-14	423,556	4,339,534	4,672,554	9,435,644
30-Nov-14	231,498	4,341,349	5,255,923	9,828,770
1-Dec-14	4,176,480	3,889,499	3,091,694	11,157,674

Monthly Withdrawal	87,010,596	127,383,326	70,824,155
Total Monthly Withdrawal	285,218,076		
Maximum Daily Withdrawal	11,484,789		

## Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

December-14

	Well Pump #1	Well Pump #3	Well Pump #4	Total Flow
	Gallons	Gallons	Gallons	Gallons
1-Dec-14	950,566	4,343,930	5,132,770	10,427,265
2-Dec-14	1,553,275	4,349,740	4,661,314	10,564,329
3-Dec-14	1,773,533	4,361,620	3,875,418	10,010,571
4-Dec-14	2,620,244	4,344,088	3,839,439	10,803,771
5-Dec-14	1,659,365	4,346,697	4,438,680	10,444,742
6-Dec-14	1,165,488	4,349,513	4,797,760	10,312,761
7-Dec-14	1,238,767	4,361,884	4,315,910	9,916,561
8-Dec-14	0	4,392,602	4,913,807	9,306,409
9-Dec-14	0	30,156	4,500,896	4,531,052
10-Dec-14	0	0	4,711,303	4,711,303
11-Dec-14	0	0	4,724,063	4,724,063
12-Dec-14	0	0	4,926,693	4,926,693
13-Dec-14	0	0	4,579,616	4,579,616
14-Dec-14	0	0	3,734,940	3,734,940
15-Dec-14	0	0	4,030,459	4,030,459
16-Dec-14	0	0	4,953,732	4,953,732
17-Dec-14	0	0	4,791,601	4,791,601
18-Dec-14	0	0	4,500,734	4,500,734
19-Dec-14	0	358,907	4,732,352	5,091,259
20-Dec-14	0	4,317,045	4,066,326	8,383,372
21-Dec-14	2,906,300	1,854,265	985,491	5,746,057
22-Dec-14	811,827	2,285,286	4,847,144	7,944,256
23-Dec-14	1,386,255	4,337,697	4,165,226	9,889,178
24-Dec-14	1,701,639	4,331,960	3,988,337	10,021,936
25-Dec-14	0	4,334,531	4,194,372	8,528,903
26-Dec-14	503,441	4,218,389	4,640,585	9,362,414
27-Dec-14	1,419,028	4,295,433	4,484,822	10,199,283
28-Dec-14	1,534,405	4,269,294	4,256,313	10,060,013
29-Dec-14	1,648,960	4,261,869	4,397,324	10,308,153
30-Dec-14	2,159,874	4,264,888	3,621,281	10,046,043
	1,928,269	4,180,974	4,293,292	

Monthly Withdrawal	26,961,236	82,190,768	134,101,998
Total Monthly Withdrawal	243,254,002		
Maximum Daily Withdrawal	10,803,771		

## Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

January-15

	Well Pump #1	Well Pump #3	Well Pump #4	Total Flow
	Gallons	Gallons	Gallons	Gallons
1-Jan-15	2,825,015	3,785,968	4,173,728	10,784,711
2-Jan-15	3,666,790	4,005,808	4,227,098	11,899,696
3-Jan-15	4,045,323	4,459,834	2,063,405	10,568,562
4-Jan-15	3,963,425	4,476,280	1,715,793	10,155,498
5-Jan-15	4,344,493	4,466,452	1,384,470	10,195,415
6-Jan-15	3,886,257	4,460,408	1,647,777	9,994,442
7-Jan-15	4,251,580	4,483,715	915,436	9,650,731
8-Jan-15	5,031,285	4,502,811	0	9,534,096
9-Jan-15	4,887,255	4,509,331	0	9,396,586
10-Jan-15	4,458,243	4,515,661	0	8,973,904
11-Jan-15	4,307,406	4,466,845	911,487	9,685,738
12-Jan-15	4,032,552	4,420,017	1,693,122	10,145,691
13-Jan-15	4,957,154	4,474,578	0	9,431,732
14-Jan-15	3,903,144	4,408,651	1,770,865	10,082,660
15-Jan-15	3,959,671	4,392,808	1,754,921	10,107,400
16-Jan-15	4,059,999	4,414,194	1,275,019	9,749,211
17-Jan-15	4,950,768	4,432,523	112,184	9,495,475
18-Jan-15	4,347,072	4,429,256	537,565	9,313,892
19-Jan-15	4,335,208	4,409,955	910,613	9,655,776
20-Jan-15	4,553,389	4,407,215	461,281	9,421,885
21-Jan-15	4,083,903	4,343,537	2,092,685	10,520,124
22-Jan-15	3,753,087	4,302,879	2,364,578	10,420,544
23-Jan-15	3,928,436	4,301,038	2,210,551	10,440,025
24-Jan-15	4,464,560	4,356,696	722,897	9,544,152
25-Jan-15	4,176,039	4,406,999	307,383	8,890,420
26-Jan-15	4,016,906	4,323,394	1,988,352	10,328,652
27-Jan-15	3,758,785	4,306,422	2,148,203	10,213,410
28-Jan-15	3,837,471	683,730	1,892,817	6,414,018
29-Jan-15	4,072,742	1,153,923	1,628,677	6,855,342
30-Jan-15	4,000,648	3,817,514	1,635,557	9,453,719
31-Jan-15	4,027,375	4,343,627	1,972,887	10,343,890

Monthly Withdrawal	128,885,979	128,262,068	44,519,352
Total Monthly Withdrawal	301,667,399		
Maximum Daily Withdrawal	11,899,696		

## Turkey Point Unit 5 Expansion Project Monthly\Quarterly Well Draw Down Report

Month		November-14							
Source			Well Pressure Static @ Gauge (PSIG)	Well Pressure Static @ Bottom of Tube (PSIG)	Well Pressure Flowing (PSIG)	Drawdown (PSIG)	Drawdown (Feet)	Flowrate @ Test (GPM)	Monthly Total Flow (GAL)
Well 1	Well 3	Well 4							
X			12.1	33.75	17.5	16.25	37.53	3000	87,010,596
	X		11.9	33.56	1.2	32.36	74.76	3000	127,383,326
		X	11.5	50.49	30.1	20.39	47.09	3000	70,824,155