



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

May 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
FORTIETH QUARTERLY WELL REPORT**

Enclosed is the fortieth 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

February-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Feb-15	3,360,494	4,296,456	3,320,765	10,977,715
2-Feb-15	3,968,691	4,310,901	2,045,306	10,324,899
3-Feb-15	4,148,002	4,283,113	2,440,274	10,871,389
4-Feb-15	4,067,731	4,244,074	2,938,239	11,250,043
5-Feb-15	3,942,408	4,291,425	1,662,807	9,896,640
6-Feb-15	4,421,311	4,311,710	746,103	9,479,124
7-Feb-15	2,272,369	4,331,280	56,869	6,660,518
8-Feb-15	4,111,170	4,331,257	194,132	8,636,559
9-Feb-15	4,383,926	4,296,583	1,049,612	9,730,121
10-Feb-15	4,409,825	4,314,980	449,722	9,174,527
11-Feb-15	4,020,011	4,289,530	1,597,357	9,906,898
12-Feb-15	4,071,573	4,262,771	1,756,609	10,090,953
13-Feb-15	4,314,629	4,262,605	1,392,527	9,969,761
14-Feb-15	4,453,646	4,262,505	1,216,042	9,932,193
15-Feb-15	4,652,731	4,289,725	459,509	9,401,965
16-Feb-15	4,080,388	4,236,921	1,660,753	9,978,062
17-Feb-15	4,005,580	4,203,459	2,249,698	10,458,738
18-Feb-15	5,077,526	3,690,437	0	8,767,963
19-Feb-15	4,446,822	3,635,795	1,796,946	9,879,562
20-Feb-15	4,113,063	4,230,250	2,016,570	10,359,884
21-Feb-15	4,119,063	4,203,399	1,994,088	10,316,550
22-Feb-15	3,956,042	4,219,257	1,417,521	9,592,820
23-Feb-15	4,112,840	4,179,327	1,894,386	10,186,553
24-Feb-15	4,205,215	4,155,277	2,028,934	10,389,425
25-Feb-15	4,359,039	4,153,751	2,051,488	10,564,278
26-Feb-15	3,927,827	4,127,160	2,503,883	10,558,870
27-Feb-15	4,080,550	4,136,405	1,864,984	10,081,939
28-Feb-15	4,153,774	4,168,529	1,175,212	9,497,515

Monthly Withdrawal	115,236,246	117,718,883	43,980,337
Total Monthly Withdrawal		276,935,466	
Maximum Daily Withdrawal		11,250,043	

**Turkey Point Unit 5 Expansion Project
Monthly Well Withdrawal**

March-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Mar-15	4,010,018	4,129,839	1,912,632	10,052,489
2-Mar-15	4,184,610	4,099,572	2,071,752	10,355,933
3-Mar-15	4,455,842	4,092,344	2,237,393	10,785,578
4-Mar-15	4,094,965	4,029,144	3,207,209	11,331,319
5-Mar-15	4,331,090	3,824,690	2,459,480	10,615,260
6-Mar-15	3,295,906	3,223,260	3,934,218	10,453,385
7-Mar-15	4,013,070	4,092,806	2,450,788	10,556,664
8-Mar-15	4,295,210	4,132,247	1,266,153	9,693,610
9-Mar-15	3,757,237	4,108,407	2,564,206	10,429,849
10-Mar-15	4,081,382	4,057,180	2,805,639	10,944,200
11-Mar-15	4,143,448	4,027,303	3,247,541	11,418,291
12-Mar-15	4,247,930	4,000,110	2,972,749	11,143,500
13-Mar-15	3,970,408	4,044,088	2,355,716	10,370,211
14-Mar-15	4,137,613	4,034,895	2,692,980	10,865,489
15-Mar-15	4,228,159	4,071,665	1,399,841	9,699,664
16-Mar-15	4,032,709	4,063,848	2,000,439	10,096,996
17-Mar-15	3,900,539	4,064,118	1,952,656	9,917,312
18-Mar-15	4,414,058	4,129,126	600,381	9,143,565
19-Mar-15	3,925,125	4,068,352	1,934,123	9,927,599
20-Mar-15	4,148,428	4,040,639	2,042,269	10,231,337
21-Mar-15	4,060,266	4,044,621	1,932,563	10,037,450
22-Mar-15	4,554,024	4,041,865	1,492,509	10,088,398
23-Mar-15	4,352,474	4,042,481	1,654,491	10,049,446
24-Mar-15	4,246,660	4,032,831	1,707,723	9,987,214
25-Mar-15	4,058,238	4,007,110	2,138,353	10,203,701
26-Mar-15	4,293,264	3,986,108	2,384,191	10,663,563
27-Mar-15	3,914,091	4,022,771	1,455,346	9,392,207
28-Mar-15	3,228,351	2,931,115	1,821,332	7,980,798
29-Mar-15	4,130,090	4,115,024	859,870	9,104,984
30-Mar-15	4,153,861	4,080,001	1,192,202	9,426,065
31-Mar-15	3,634,968	4,065,037	1,873,834	9,573,839

Monthly Withdrawal	126,294,034	123,702,587	64,620,577
Total Monthly Withdrawal	314,617,198		
Maximum Daily Withdrawal	11,495,581		

**Turkey Point Unit 5 Expansion Project
Monthly Well Withdrawal**

April-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Apr-15	4,096,873	4,062,164	1,473,181	9,632,218
2-Apr-15	3,945,679	4,063,328	1,353,505	9,362,513
3-Apr-15	4,093,700	4,045,695	1,397,310	9,536,705
4-Apr-15	4,572,420	4,039,426	927,025	9,538,871
5-Apr-15	4,162,082	4,044,307	1,201,577	9,407,966
6-Apr-15	4,034,096	3,989,335	2,072,908	10,096,340
7-Apr-15	4,024,625	4,001,589	1,809,136	9,835,351
8-Apr-15	3,991,913	3,974,455	2,103,468	10,069,836
9-Apr-15	3,848,726	3,983,938	1,960,506	9,793,169
10-Apr-15	4,008,724	3,971,413	1,757,540	9,737,677
11-Apr-15	4,132,235	3,982,108	1,613,128	9,727,472
12-Apr-15	4,015,350	3,960,874	2,011,408	9,987,632
13-Apr-15	3,782,081	3,957,044	2,074,571	9,813,696
14-Apr-15	3,895,815	3,948,889	2,097,677	9,942,381
15-Apr-15	3,874,192	3,901,803	2,881,524	10,457,520
16-Apr-15	3,872,792	3,881,360	3,122,136	10,876,288
17-Apr-15	4,246,915	2,987,227	3,479,086	10,713,229
18-Apr-15	4,301,711	3,873,968	3,585,744	11,761,423
19-Apr-15	3,981,336	3,850,880	3,952,399	11,784,615
20-Apr-15	4,020,145	3,815,969	4,226,582	12,062,695
21-Apr-15	3,730,424	3,874,621	3,497,731	11,102,776
22-Apr-15	4,042,480	2,639,315	2,737,019	9,418,814
23-Apr-15	3,989,963	2,947,362	3,532,095	10,469,420
24-Apr-15	4,500,522	3,865,373	3,310,995	11,676,890
25-Apr-15	4,580,233	3,823,119	3,661,477	12,064,830
26-Apr-15	4,282,121	3,773,628	4,582,702	12,638,451
27-Apr-15	4,183,804	3,021,889	4,522,772	11,728,466
28-Apr-15	3,757,021	3,870,925	3,447,877	11,075,823
29-Apr-15	3,908,406	3,952,870	2,112,408	9,973,684
30-Apr-15	4,044,594	2,964,794	2,834,733	9,844,122

Monthly Withdrawal	121,920,979	113,069,671	79,140,220
Total Monthly Withdrawal	314,130,870		
Maximum Daily Withdrawal	12,638,451		

**Turkey Point Unit 5 Expansion Project
Monthly/Quarterly Well Draw Down Report**

Month		February-15						
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	12.6	34.25	17.6	16.65	38.45	3050	115,236,246
	X	12.8	34.46	2.2	32.26	74.53	3061	117,718,883
	X	10.8	49.79	32.2	17.59	40.63	3051	43,980,337