



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

August 6, 2015

Lindy Cerrar
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
FORTY-FIRST QUARTERLY WELL REPORT**

Enclosed is the forty-first 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

May-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-May-15	4,292,315	0	2,769,342	7,061,657
2-May-15	4,272,359	0	1,821,986	6,094,345
3-May-15	3,276,997	0	3,276,719	6,553,716
4-May-15	3,850,976	0	2,825,262	6,676,238
5-May-15	3,998,442	0	2,362,989	6,361,431
6-May-15	4,261,713	0	2,901,035	7,162,748
7-May-15	4,459,758	0	3,461,311	7,921,069
8-May-15	4,299,854	0	4,265,154	8,565,009
9-May-15	4,409,890	0	3,457,154	7,867,044
10-May-15	4,216,640	0	4,247,586	8,464,226
11-May-15	4,243,592	0	4,596,038	8,839,630
12-May-15	4,558,438	0	4,661,228	9,219,666
13-May-15	5,159,430	1,961,627	1,917,424	9,038,481
14-May-15	4,619,506	657,319	2,979,987	8,256,813
15-May-15	1,935,146	0	5,034,799	6,969,945
16-May-15	4,596,444	0	3,361,241	7,957,686
17-May-15	4,523,664	0	3,124,907	7,648,571
18-May-15	4,268,050	546,130	3,204,616	8,018,797
19-May-15	4,232,164	0	4,717,154	8,949,318
20-May-15	4,398,943	0	4,833,877	9,232,821
21-May-15	4,396,703	0	4,455,419	8,852,123
22-May-15	4,174,589	0	4,077,210	8,251,799
23-May-15	4,632,072	0	3,252,380	7,884,452
24-May-15	4,381,211	0	3,759,617	8,140,828
25-May-15	4,335,731	0	4,392,212	8,727,944
26-May-15	4,265,590	0	4,312,688	8,578,278
27-May-15	4,339,294	10,862	4,124,307	8,474,462
28-May-15	4,851,205	410,732	2,983,717	8,245,654
29-May-15	4,474,862	0	3,917,668	8,392,531
30-May-15	5,757,953	2,010,601	2,437,937	10,206,491
31-May-15	5,393,958	3,297,004	2,954,486	11,645,448

Monthly Withdrawal	134,877,492	8,894,275	110,487,451
Total Monthly Withdrawal	254,259,219		
Maximum Daily Withdrawal	11,645,448		

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

June-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Jun-15	4,301,799	3,285,092	4,581,722	12,168,613
2-Jun-15	3,936,143	1,699,699	4,010,149	9,645,991
3-Jun-15	3,895,718	0	3,199,281	7,094,999
4-Jun-15	4,355,882	0	3,403,746	7,759,628
5-Jun-15	4,084,449	0	4,423,932	8,508,381
6-Jun-15	3,984,439	0	3,514,050	7,498,489
7-Jun-15	4,258,429	0	3,317,719	7,576,148
8-Jun-15	4,105,301	0	4,350,426	8,455,728
9-Jun-15	4,318,933	0	3,844,116	8,163,049
10-Jun-15	3,415,193	0	4,693,815	8,109,008
11-Jun-15	3,974,186	25,275	3,650,838	7,650,299
12-Jun-15	4,062,247	517,980	4,039,074	8,619,301
13-Jun-15	4,035,797	0	3,404,994	7,440,792
14-Jun-15	4,194,165	0	3,296,560	7,490,725
15-Jun-15	4,008,030	0	3,540,580	7,548,610
16-Jun-15	4,289,937	0	3,803,237	8,093,174
17-Jun-15	4,228,873	0	4,118,821	8,347,693
18-Jun-15	4,096,520	1,736,922	4,566,740	10,400,181
19-Jun-15	4,619,241	3,380,676	4,765,627	12,765,544
20-Jun-15	4,732,104	3,375,618	4,528,861	12,636,583
21-Jun-15	4,739,286	3,373,592	4,486,671	12,599,549
22-Jun-15	4,548,866	3,370,927	5,071,634	12,991,427
23-Jun-15	4,318,971	3,368,989	4,850,662	12,538,622
24-Jun-15	4,288,367	3,370,560	4,769,319	12,438,246
25-Jun-15	4,300,348	3,371,107	4,647,088	12,318,543
26-Jun-15	4,269,073	3,291,009	3,944,622	11,504,705
27-Jun-15	3,848,186	3,231,405	4,085,744	11,165,335
28-Jun-15	3,624,830	3,225,333	4,955,389	11,805,552
29-Jun-15	4,485,037	3,234,031	3,457,177	11,179,244
30-Jun-15	4,022,046	3,233,185	3,486,202	10,741,433

Monthly Withdrawal	125,355,395	47,091,399	122,808,796
Total Monthly Withdrawal	295,255,591		
Maximum Daily Withdrawal	12,991,427		

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

July-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Jul-15	4,352,397	3,317,199	4,872,456	12,542,052
2-Jul-15	4,374,213	3,257,594	4,636,117	12,267,924
3-Jul-15	4,405,666	3,280,720	4,758,151	12,444,537
4-Jul-15	4,034,970	3,284,281	3,408,859	10,728,110
5-Jul-15	4,292,438	3,287,049	4,725,765	12,305,252
6-Jul-15	4,176,136	3,285,617	4,011,059	11,472,813
7-Jul-15	3,948,292	3,285,139	4,097,049	11,330,480
8-Jul-15	4,523,063	2,409,554	4,437,260	11,369,876
9-Jul-15	4,620,819	211,461	4,136,126	8,968,406
10-Jul-15	4,428,915	0	4,919,868	9,348,783
11-Jul-15	4,375,343	0	4,426,046	8,801,390
12-Jul-15	4,436,134	0	3,828,286	8,264,420
13-Jul-15	4,347,633	163	3,864,096	8,211,892
14-Jul-15	4,378,256	90,861	4,085,350	8,554,467
15-Jul-15	4,120,786	0	3,871,807	7,992,593
16-Jul-15	3,934,329	1,552,471	3,583,998	9,070,798
17-Jul-15	4,102,902	3,350,704	3,494,828	10,948,435
18-Jul-15	3,987,491	3,316,993	3,703,073	11,007,557
19-Jul-15	4,321,508	3,305,889	3,798,417	11,425,814
20-Jul-15	4,273,525	3,473,191	2,552,890	10,299,606
21-Jul-15	4,534,513	3,642,868	3,705,256	11,882,637
22-Jul-15	4,107,115	3,570,247	4,240,816	11,918,178
23-Jul-15	4,153,814	3,449,566	4,120,735	11,724,116
24-Jul-15	4,836,931	3,466,994	2,879,232	11,183,157
25-Jul-15	4,080,960	3,467,415	3,010,679	10,559,054
26-Jul-15	4,209,993	3,488,448	2,056,704	9,755,144
27-Jul-15	3,362,818	3,469,662	4,225,335	11,057,816
28-Jul-15	3,990,329	3,464,926	4,127,147	11,582,403
29-Jul-15	3,946,162	3,463,752	4,210,811	11,620,725
30-Jul-15	4,333,209	3,470,613	3,534,415	11,338,237
	4,100,373	3,471,910	2,655,839	

Monthly Withdrawal	131,091,036	79,135,284	119,978,471
Total Monthly Withdrawal		330,204,791	
Maximum Daily Withdrawal		12,542,052	

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

Month		May-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				12.5	34.15	14.7	19.45	44.92	3060	134,877,492
		X			10.8	32.46	0	32.46	74.99	3000	8,894,275
			X		10.8	49.79	25.2	24.59	56.80	3032	110,487,451