



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

November 13, 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-SECOND QUARTERLY WELL REPORT**

Enclosed is the forty-second 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**

August-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Aug-15	4,096,827	3,478,839	2,237,527	9,813,193
2-Aug-15	4,025,822	3,475,230	2,657,054	10,158,106
3-Aug-15	4,213,716	3,462,203	2,537,911	10,213,830
4-Aug-15	4,275,963	3,465,327	4,000,774	11,742,064
5-Aug-15	4,193,697	2,212,799	4,388,484	10,794,980
6-Aug-15	4,298,891	1,811,323	4,086,849	10,197,064
7-Aug-15	4,410,017	3,524,181	4,456,016	12,390,214
8-Aug-15	4,261,312	3,520,199	4,216,835	11,998,346
9-Aug-15	4,330,712	3,524,777	3,392,802	11,248,291
10-Aug-15	4,319,341	3,533,286	4,475,407	12,328,034
11-Aug-15	4,113,370	3,485,970	4,255,858	11,855,198
12-Aug-15	4,128,833	3,441,179	4,630,005	12,200,018
13-Aug-15	3,855,332	3,541,658	3,462,215	10,859,205
14-Aug-15	4,090,476	3,547,855	3,303,404	10,941,734
15-Aug-15	4,045,852	3,550,728	3,198,485	10,795,065
16-Aug-15	4,250,944	2,678,523	3,062,271	9,991,737
17-Aug-15	3,948,372	3,526,946	4,453,690	11,929,008
18-Aug-15	4,091,801	3,034,314	3,770,049	10,896,164
19-Aug-15	4,176,549	3,534,097	3,958,540	11,669,186
20-Aug-15	4,407,288	3,533,771	4,542,022	12,483,082
21-Aug-15	4,303,016	3,538,941	4,838,141	12,680,098
22-Aug-15	4,615,838	3,543,535	4,359,300	12,518,673
23-Aug-15	4,332,922	3,543,325	4,641,019	12,517,266
24-Aug-15	4,286,593	3,541,098	4,901,233	12,738,924
25-Aug-15	4,373,721	3,542,000	4,881,658	12,797,379
26-Aug-15	4,114,198	3,544,258	3,900,283	11,558,739
27-Aug-15	4,080,360	3,545,486	3,779,326	11,405,172
28-Aug-15	4,235,430	1,633,957	4,209,764	10,079,152
29-Aug-15	4,053,093	0	4,082,029	8,135,122
30-Aug-15	5,534,536	0	3,217,695	8,752,231
31-Aug-15	4,388,508	0	3,003,557	7,392,064

Monthly Withdrawal	131,863,331	92,315,804	120,900,202
Total Monthly Withdrawal	345,079,337		
Maximum Daily Withdrawal	12,797,379		

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

September-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Sep-15	4,419,013	0	4,038,233	8,457,246
2-Sep-15	3,954,079	0	3,361,762	7,315,841
3-Sep-15	4,296,921	0	4,381,055	8,677,976
4-Sep-15	4,164,106	0	4,113,488	8,277,594
5-Sep-15	4,343,065	0	3,422,599	7,765,664
6-Sep-15	4,325,054	0	2,828,360	7,153,414
7-Sep-15	3,995,108	0	3,074,536	7,069,645
8-Sep-15	3,569,652	0	3,944,306	7,513,957
9-Sep-15	4,485,112	0	4,566,680	9,051,792
10-Sep-15	4,471,224	0	4,388,025	8,859,249
11-Sep-15	4,565,981	0	3,318,645	7,884,626
12-Sep-15	3,808,997	0	4,356,357	8,165,354
13-Sep-15	4,012,670	0	3,404,074	7,416,744
14-Sep-15	4,455,617	0	4,239,090	8,694,707
15-Sep-15	3,962,455	0	3,529,449	7,491,904
16-Sep-15	4,147,266	0	3,262,089	7,409,355
17-Sep-15	3,939,659	0	2,462,412	6,402,071
18-Sep-15	4,139,464	0	2,970,417	7,109,881
19-Sep-15	4,084,913	0	4,227,293	8,312,206
20-Sep-15	4,420,181	0	3,494,471	7,914,652
21-Sep-15	4,258,718	0	3,901,269	8,159,987
22-Sep-15	3,991,222	0	3,785,050	7,776,272
23-Sep-15	4,001,341	0	3,247,793	7,249,134
24-Sep-15	4,514,670	0	3,100,973	7,615,644
25-Sep-15	4,179,028	0	3,421,604	7,600,632
26-Sep-15	4,026,867	0	3,390,566	7,417,433
27-Sep-15	4,157,854	0	3,045,411	7,203,264
28-Sep-15	4,191,186	0	3,597,931	7,789,117
29-Sep-15	4,341,426	0	3,395,272	7,736,698
30-Sep-15	3,453,251	166,424	4,060,218	7,679,894

Monthly Withdrawal	124,676,100	166,424	108,329,427
Total Monthly Withdrawal	233,171,952		
Maximum Daily Withdrawal	9,051,792		

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

October-15

	Well Pump #1 Gallons	Well Pump #3 Gallons	Well Pump #4 Gallons	Total Flow Gallons
1-Oct-15	3,991,382	0	3,956,085	7,947,467
2-Oct-15	2,827,751	0	4,929,537	7,757,287
3-Oct-15	2,765,214	0	4,656,364	7,421,578
4-Oct-15	2,212,732	0	4,583,944	6,796,676
5-Oct-15	1,951,877	0	4,490,735	6,442,613
6-Oct-15	2,437,076	0	4,418,761	6,855,837
7-Oct-15	2,855,282	0	4,712,604	7,567,886
8-Oct-15	3,580,149	0	4,594,934	8,175,083
9-Oct-15	3,435,660	0	4,740,199	8,175,860
10-Oct-15	3,231,306	0	4,651,739	7,883,045
11-Oct-15	2,489,979	0	4,952,496	7,442,475
12-Oct-15	2,902,970	0	4,589,758	7,492,728
13-Oct-15	2,822,425	0	4,818,193	7,640,617
14-Oct-15	2,621,004	0	4,446,584	7,067,588
15-Oct-15	3,008,820	0	4,625,857	7,634,677
16-Oct-15	2,532,393	0	4,375,341	6,907,734
17-Oct-15	2,590,162	0	4,316,291	6,906,453
18-Oct-15	2,659,176	0	4,571,021	7,230,197
19-Oct-15	3,182,156	0	4,362,686	7,544,842
20-Oct-15	3,228,117	0	4,351,908	7,580,025
21-Oct-15	3,247,198	0	4,429,026	7,676,223
22-Oct-15	2,957,008	0	4,340,342	7,297,350
23-Oct-15	3,128,739	0	4,632,525	7,761,264
24-Oct-15	3,456,582	0	4,542,405	7,998,987
25-Oct-15	3,472,935	0	4,661,411	8,134,346
26-Oct-15	3,261,050	0	4,349,339	7,610,389
27-Oct-15	2,990,601	0	4,596,688	7,587,289
28-Oct-15	2,580,416	0	4,601,521	7,181,936
29-Oct-15	2,610,086	0	4,614,280	7,224,366
30-Oct-15	3,339,282	0	4,375,621	7,714,903
31-Oct-15	3,385,066	0	4,373,522	

Monthly Withdrawal	91,754,593	0	140,661,715
Total Monthly Withdrawal	232,416,308		
Maximum Daily Withdrawal	8,175,860		

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

Month		September-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 4								
	Well 3								
X		10.20	31.85	13.1	18.75	43.30	3060	124,676,100	
	X	11.3	32.96	0	32.96	76.14	3057	166,424	
	X	11.3	50.29	25.10	25.19	58.18	3073	108,329,427	