



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

February 13, 2017

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-SEVENTH QUARTERLY WELL REPORT**

Enclosed is the forty-seventh 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,

A handwritten signature in cursive script that reads "Gary W. Andersen".

Gary W. Andersen
Sr. Environmental Leader

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

Enclosure

Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

November-16

	Well Pump #1	Well Pump #3	Well Pump #4
	Gallons	Gallons	Gallons
1-Nov-16	1,884,173	4,267,205	0
2-Nov-16	2,076,528	4,394,218	0
3-Nov-16	1,621,341	4,446,184	0
4-Nov-16	1,672,426	4,156,329	0
5-Nov-16	322,266	4,232,001	0
6-Nov-16	1,300,235	3,970,271	0
7-Nov-16	1,367,141	3,999,997	0
8-Nov-16	1,444,381	4,050,338	0
9-Nov-16	1,488,400	4,054,530	0
10-Nov-16	1,334,786	4,225,493	0
11-Nov-16	1,007,384	4,449,585	0
12-Nov-16	1,698,787	4,082,634	0
13-Nov-16	1,528,598	4,223,300	0
14-Nov-16	1,537,973	4,259,331	0
15-Nov-16	679,166	4,454,158	0
16-Nov-16	899,758	4,257,276	0
17-Nov-16	1,006,562	4,268,214	0
18-Nov-16	1,168,930	4,125,305	0
19-Nov-16	801,554	4,023,569	0
20-Nov-16	0	4,446,658	0
21-Nov-16	0	4,401,014	0
22-Nov-16	0	4,712,691	0
23-Nov-16	760,211	4,372,936	0
24-Nov-16	1,672,974	3,346,115	319,202
25-Nov-16	899,872	4,135,581	0
26-Nov-16	0	3,760,856	0
27-Nov-16	0	3,675,891	0
28-Nov-16	530,612	4,456,980	0
29-Nov-16	1,314,861	4,058,416	0
30-Nov-16	783,080	4,405,551	0

Monthly Withdrawal	30,802,000	125,712,626	319,202
Total Monthly Withdrawal		156,833,829	
Maximum Daily Withdrawal		4,712,691	

Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

December-16

	Well Pump #1	Well Pump #3	Well Pump #4
	Gallons	Gallons	Gallons
1-Dec-16	1,120,315	4,207,926	0
2-Dec-16	0	4,550,719	0
3-Dec-16	725,801	4,102,076	0
4-Dec-16	1,130,560	3,919,257	0
5-Dec-16	2,161,054	4,100,338	0
6-Dec-16	2,073,360	4,248,699	0
7-Dec-16	1,849,852	4,469,785	0
8-Dec-16	1,875,702	4,249,272	0
9-Dec-16	3,843	3,697,386	0
10-Dec-16	179,811	3,568,208	0
11-Dec-16	0	4,321,205	0
12-Dec-16	312,189	4,234,462	0
13-Dec-16	1,321,196	3,999,819	0
14-Dec-16	1,162,012	4,320,531	0
15-Dec-16	1,313,410	3,856,999	0
16-Dec-16	787,097	4,248,976	0
17-Dec-16	1,219,448	4,008,343	0
18-Dec-16	1,668,998	3,951,435	0
19-Dec-16	1,874,235	4,453,281	0
20-Dec-16	1,839,716	3,121,904	402,627
21-Dec-16	0	3,997,770	0
22-Dec-16	654,508	4,526,185	0
23-Dec-16	1,125,018	4,001,110	0
24-Dec-16	0	4,612,641	0
25-Dec-16	997,894	4,361,042	0
26-Dec-16	1,365,294	4,040,496	0
27-Dec-16	946,271	4,273,944	0
28-Dec-16	927,564	4,152,270	0
29-Dec-16	1,513,284	3,930,154	0
30-Dec-16	583,300	4,119,714	0
31-Dec-16	432,555	4,163,210	0

Monthly Withdrawal	31,164,285	127,809,157	402,627
Total Monthly Withdrawal	159,376,070		
Maximum Daily Withdrawal	4,612,641		

Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

January-17

	Well Pump #1	Well Pump #3	Well Pump #4
	Gallons	Gallons	Gallons
1-Jan-17	0	4,314,942	0
2-Jan-17	1,133,573	4,446,227	0
3-Jan-17	2,112,925	4,054,457	0
4-Jan-17	1,506,181	3,910,549	0
5-Jan-17	513,965	4,620,754	0
6-Jan-17	1,084,980	4,117,907	0
7-Jan-17	499,094	4,443,227	0
8-Jan-17	511,125	4,413,084	0
9-Jan-17	478,990	4,900,292	0
10-Jan-17	0	5,834,544	0
11-Jan-17	0	4,961,771	0
12-Jan-17	0	5,386,581	0
13-Jan-17	0	4,526,345	0
14-Jan-17	0	5,068,558	0
15-Jan-17	0	5,000,459	0
16-Jan-17	1,018,406	5,117,657	0
17-Jan-17	1,932,361	3,644,354	0
18-Jan-17	3,947,128	0	933,954
19-Jan-17	3,475,875	0	1,758,401
20-Jan-17	3,896,447	0	1,418,669
21-Jan-17	3,711,386	0	1,844,924
22-Jan-17	3,661,202	0	1,557,270
23-Jan-17	4,498,745	0	228,976
24-Jan-17	3,758,858	39,648	1,273,354
25-Jan-17	4,179,258	564,972	0
26-Jan-17	3,130,674	1,977,710	0
27-Jan-17	992,949	4,330,226	0
28-Jan-17	617,171	4,526,262	0
29-Jan-17	0	4,352,075	0
30-Jan-17	0	4,886,741	0
31-Jan-17	620,263	4,555,735	0

Monthly Withdrawal	47,281,557	103,995,075	9,015,547
Total Monthly Withdrawal	160,292,180		
Maximum Daily Withdrawal	5,834,544		

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

Month			December-16					
Source			Well Pressure Static @ Gauge (PSIG)	Well Pressure Static @ Bottom of Tube (PSIG)	Well Pressure Flowing (PSIG)	Drawdown (PSIG)	Drawdown (Feet)	Flowrate @ Test (GPM)
Well 1	Well 3	Well 4						
X			9.6	31.25	14.4	16.85	38.91	3057
	X		10.9	32.56	14.6	17.96	41.49	3058
		X	8.5	47.49	36.4	11.09	25.61	3054