



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

November 15, 2016

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-SIXTH QUARTERLY WELL REPORT**

Enclosed is the forty-sixth 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: Cindy Mulkey, FDEP Siting Office
SCO@dep.state.fl.us

Enclosure

Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

August-16

	Well Pump #1	Well Pump #3	Well Pump #4
	Gallons	Gallons	Gallons
1-Aug-16	3,273,431	4,435,566	0
2-Aug-16	2,500,788	4,598,112	0
3-Aug-16	1,990,391	4,620,663	0
4-Aug-16	2,075,320	4,784,996	0
5-Aug-16	2,399,642	4,886,167	0
6-Aug-16	2,423,415	4,817,677	0
7-Aug-16	2,376,267	4,746,051	15,339
8-Aug-16	1,803,242	4,299,561	0
9-Aug-16	2,641,726	4,779,854	0
10-Aug-16	2,745,048	4,429,366	0
11-Aug-16	1,569,994	4,571,080	0
12-Aug-16	2,311,035	4,861,979	0
13-Aug-16	2,012,671	4,520,307	0
14-Aug-16	1,724,582	4,761,855	0
15-Aug-16	2,647,051	3,409,301	1,122,871
16-Aug-16	2,615,844	4,858,734	0
17-Aug-16	2,097,903	4,414,057	0
18-Aug-16	2,538,543	4,597,609	0
19-Aug-16	2,704,092	4,618,226	0
20-Aug-16	2,722,290	4,533,205	0
21-Aug-16	2,516,036	4,868,206	0
22-Aug-16	2,989,639	4,823,929	0
23-Aug-16	3,034,386	4,606,972	0
24-Aug-16	3,126,959	4,243,950	0
25-Aug-16	2,559,959	4,677,391	0
26-Aug-16	2,814,172	4,535,758	0
27-Aug-16	2,786,974	4,622,487	0
28-Aug-16	2,453,066	4,942,773	0
29-Aug-16	730,999	4,791,700	0
30-Aug-16	886,297	4,438,047	0
31-Aug-16	705,751	4,469,372	0

Monthly Withdrawal	71,777,515	142,564,951	1,138,210
Total Monthly Withdrawal	215,480,675		
Maximum Daily Withdrawal	4,942,773		

Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

September-16

	Well Pump #1	Well Pump #3	Well Pump #4
	Gallons	Gallons	Gallons
1-Sep-16	2,114,300	4,416,514	0
2-Sep-16	1,852,768	4,297,555	0
3-Sep-16	1,821,225	4,279,105	0
4-Sep-16	2,289,437	4,904,114	0
5-Sep-16	2,037,168	4,205,054	0
6-Sep-16	1,337,352	4,488,146	0
7-Sep-16	2,000,361	4,498,010	0
8-Sep-16	3,535,554	5,295,941	0
9-Sep-16	2,989,424	4,711,451	0
10-Sep-16	1,831,447	4,608,063	0
11-Sep-16	1,958,226	4,164,392	0
12-Sep-16	2,153,152	4,924,209	0
13-Sep-16	785,281	5,478,477	0
14-Sep-16	1,843,522	4,483,761	0
15-Sep-16	1,422,721	3,613,884	947,753
16-Sep-16	2,166,576	4,334,133	0
17-Sep-16	2,467,731	4,672,058	0
18-Sep-16	1,552,538	4,244,453	0
19-Sep-16	1,811,773	4,469,727	0
20-Sep-16	2,422,477	4,477,393	0
21-Sep-16	2,364,908	4,711,455	0
22-Sep-16	1,896,753	4,503,571	0
23-Sep-16	1,997,744	4,348,441	0
24-Sep-16	1,700,222	4,669,706	0
25-Sep-16	1,141,899	4,447,128	0
26-Sep-16	2,891,706	4,148,248	0
27-Sep-16	1,553,149	4,350,525	0
28-Sep-16	2,239,471	4,484,792	0
29-Sep-16	1,969,288	4,578,412	0
30-Sep-16	1,981,486	4,895,001	0

Monthly Withdrawal	60,129,656	135,703,719	947,753
Total Monthly Withdrawal	196,781,128		
Maximum Daily Withdrawal	5,478,477		

Turkey Point Unit 5 Expansion Project Monthly Well Withdrawal

October-16

	Well Pump #1	Well Pump #3	Well Pump #4
	Gallons	Gallons	Gallons
1-Oct-16	2,146,133	4,399,909	0
2-Oct-16	2,626,448	4,698,810	0
3-Oct-16	2,485,155	4,794,883	0
4-Oct-16	2,527,631	4,942,742	0
5-Oct-16	2,940,390	4,658,985	0
6-Oct-16	1,561,119	4,283,341	0
7-Oct-16	1,801,391	4,420,903	0
8-Oct-16	2,476,016	4,596,547	0
9-Oct-16	2,439,689	4,249,766	0
10-Oct-16	1,655,028	4,463,571	0
11-Oct-16	1,712,790	4,272,920	0
12-Oct-16	1,604,912	4,635,765	0
13-Oct-16	1,852,429	4,415,248	0
14-Oct-16	1,443,154	4,645,040	0
15-Oct-16	1,673,345	4,428,277	0
16-Oct-16	1,480,076	4,250,368	0
17-Oct-16	1,977,218	4,334,743	0
18-Oct-16	652,234	4,485,608	0
19-Oct-16	947,261	4,585,729	0
20-Oct-16	1,590,743	4,386,149	0
21-Oct-16	1,404,541	3,900,645	0
22-Oct-16	993,502	4,008,820	0
23-Oct-16	1,170,512	4,146,104	0
24-Oct-16	1,984,711	4,329,096	0
25-Oct-16	2,392,744	3,886,856	63,425
26-Oct-16	1,869,795	4,239,152	0
27-Oct-16	1,054,308	4,501,195	0
28-Oct-16	1,526,791	4,002,890	0
29-Oct-16	1,360,094	4,540,340	0
30-Oct-16	1,887,675	4,311,426	0
31-Oct-16	1,287,748	4,320,591	0

Monthly Withdrawal	54,525,583	136,136,420	63,425
Total Monthly Withdrawal	190,725,427		
Maximum Daily Withdrawal	4,942,742		

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

Month		September-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)	Monthly Total Flow (GAL)
Well 1	X	9.3	30.95	12.3	18.65	43.07	3056	
Well 3	X	9.8	31.46	14.7	16.76	38.72	3040	
Well 4	X	6.2	45.19	17.4	27.79	64.19	3026	