

PMTurkeyCOLPEm Resource

From: Orthen, Richard [Richard.Orthen@fpl.com]
Sent: Tuesday, September 06, 2011 2:05 PM
To: Matthews, David; Maher, William; Comar, Manny; Stewart, Scott; McCree, Victor; Kugler, Andrew
Subject: L-2011-364 Dated September 6, 2011: Response to NRC Environmental RAI Letter 110614 (RAI 5763 Revision 2) ESRP Section 2.3 - Water
Attachments: L-2011-364 Dated 06SEP11 RAI Ltr 110614 RAI 5763 Rev 2 Response.pdf

Re: Florida Power & Light Company
Proposed Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Response to NRC Environmental Request for Additional Information Letter 110614 (RAI 5763 Revision 2) Environmental Standard Review Plan Section 2.3 - Water

Reference:

1. NRC Letter to FPL dated June 14, 2011, Environmental Request for Additional Information Letter 110614 Related to ESRP Section 2.3, Water, for the Combined License Application Review for Turkey Point Units 6 and 7
2. FPL Letter to NRC L-2011-284 dated July 29, 2011, Response to NRC Environmental Request for Additional Information Letter 110614 (RAI 5763 Revision 2) Environmental Standard Review Plan Section 2.3 – Water

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) Request for Additional Information (RAI) 2.3-1 provided in Reference 1. FPL informed the NRC of the schedule for submitting this response in Reference 2. The attachment identifies changes that will be made in a future revision of the Turkey Point Units 6 and 7 Combined License Application (if applicable).

*Richard F. Orthen
Principal Licensing Engineer
New Nuclear Projects NNP/JBB3314
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
o(561) 691-7512
c(561) 256-1482*

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From: Orthen, Richard

Created By: Richard.Orthen@fpl.com

Recipients:

"Matthews, David" <David.Matthews@nrc.gov>

Tracking Status: None

"Maher, William" <William.Maher@fpl.com>

Tracking Status: None

"Comar, Manny" <Manny.Comar@nrc.gov>

Tracking Status: None

"Stewart, Scott" <Scott.Stewart@nrc.gov>

Tracking Status: None

"McCree, Victor" <Victor.McCree@nrc.gov>

Tracking Status: None

"Kugler, Andrew" <Andrew.Kugler@nrc.gov>

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September 6, 2011

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
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If you have any questions, or need additional information, please contact me at 561-691-7490.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on September 6, 2011.

Sincerely,

William Maher
Senior Licensing Director – New Nuclear Projects

WDM/RFO
Florida Power & Light Company

Proposed Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
L-2011-364 Page 2

Attachment: FPL Response to NRC RAI No. 2.3-1 (RAI 5763 Revision 2)

cc:

PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO
Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4

NRC RAI Letter 110614 Dated June 14, 2011

SRP Section: EIS 2.3 – Water

Question from Environmental Technical Support Branch (RENV)

NRC RAI Number: 2.3-1 (RAI 5763 Revision 2)

The identification of consumptive surface water users is provided as a GIS overlay (ER Figure 2.3-51). Figure 2.3-52 provides water needs for agricultural crops. Quantify the consumptive use and withdrawals by volume and duration for each of the identified users and the source of any data that are available. Data for monthly intervals is requested to show the seasonal variability of the withdrawals.

FPL RESPONSE:

A request for consumptive surface water use and withdrawals by month for all permits listed in Table 2.3-25 (and shown in ER Figure 2.3-51) was submitted to the South Florida Water Management District's Department of Public Records. Of all of the permits listed in Table 2.3-25, permits 13-00168-W and 13-03796 have pumping records available. These records are provided in Tables 1 and 2.

Table 1: Pumping Records for Permit 13-00168-W

Date Reported	Pumpage Reported (Million Gallons / Month)
07/31/07	2.38
08/31/07	1.98
09/30/07	1.58
10/31/07	5.23
11/30/07	8.76
12/31/07	10.12
01/31/08	1.11
02/29/08	2.03
03/31/08	2.90
04/30/08	2.86
05/31/08	4.19
06/30/08	2.41
07/31/08	2.72
08/31/08	1.62
09/30/08	1.42
10/31/08	1.31
11/30/08	2.27
12/31/08	2.62
01/13/09	1.83
02/13/09	1.72
03/13/09	1.45

Table 1: Pumping Records for Permit 13-00168-W

Date Reported	Pumpage Reported (Million Gallons / Month)
04/30/09	2.78
05/31/09	2.58
06/30/09	2.79
07/31/09	2.18
08/31/09	1.99
09/30/09	1.77
10/31/09	1.89
11/30/09	1.91
12/31/09	1.56
01/31/10	1.39
02/28/10	0.99
03/31/10	0.86
04/30/10	0.89
05/31/10	0.52
06/30/10	0.76
07/31/10	0.62
08/31/10	0.63
09/30/10	0.63
10/31/10	0.12
11/30/10	0.09
12/31/10	0.11
01/31/11	0.08
02/28/11	0.09
03/31/11	0.08
04/30/11	0.14

Table 2: Pumping Records for Permit 13-03796-W

Date Reported	Pumpage Reported (Million Gallons / Month)
10/31/07	0.00
11/30/07	0.27
12/31/07	0.11
01/31/08	10.54
02/29/08	13.48
03/31/08	16.92
04/30/08	12.23
05/31/08	12.87
06/30/08	14.76
07/31/08	14.66
08/31/08	16.08
09/30/08	16.55
10/31/08	14.35
11/30/08	13.94
12/31/08	12.71
01/31/09	8.81
02/28/09	9.71
03/31/09	9.45
04/30/09	10.00
05/31/09	11.98
06/30/09	10.70
07/31/09	9.08
08/31/09	9.42
09/30/09	9.28
10/31/09	7.45
11/30/09	7.00
12/31/09	6.89
01/31/10	11.11
02/28/10	9.46
03/31/10	10.55
04/30/10	9.81
05/31/10	11.22
06/30/10	11.10
07/31/10	5.98
08/31/10	5.78
09/30/10	5.88
10/31/10	9.56
11/30/10	10.63

Table 2: Pumping Records for Permit 13-03796-W

Date Reported	Pumpage Reported (Million Gallons / Month)
12/31/10	8.51
01/31/11	14.03
02/28/11	13.60
03/31/11	15.94

Annual permit water allocations, monthly maximums, daily maximums, and various other permit details are reported in ER Table 2.3-25.

This response is PLANT SPECIFIC.

References:

None

ASSOCIATED COLA REVISIONS:

No COLA revisions have been identified as a result of this response.

ASSOCIATED ENCLOSURES:

None