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From: Burski, Raymond [RAYMOND.BURSKI@fpl.com]
Sent: Wednesday, February 20, 2013 12:18 PM
To: Williamson, Alicia; Matthews, David; Nguyen, John-Chau; Maher, William; Comar, Manny; Hoeg, Tim; McCree, Victor
Subject: L-2013-046 - Submittal of the Revised Report on the Construction and Testing of Class V Exploratory Well EW-1 at Turkey Point Units 6 & 7
Attachments: L-2013-046 Signed 02-20-2013 - Submittal of the Revised Report on the Class V Exploratory Well EW-1.pdf

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Re: Florida Power & Light Company
Proposed Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Submittal of the Revised Report on the Construction and Testing of
Class V Exploratory Well EW-1 at Turkey Point Units 6 & 7

Reference:

1. FPL Letter to NRC, L-2009-265 dated November 24, 2009, Revised Hydrology Response to NRC Information Requests in COL Application Acceptance Review Letter
2. FPL Letter to NRC, L-2012-365 dated October 2, 2012, Submittal of the Report on the Construction and Testing of Class V Exploratory Well EW-1 and the Report on the Construction and Testing of Dual-Zone Monitor Well DZMW-1 at Turkey Point Units 6 & 7

This letter provides revision 1 of the Report on the Construction and Testing of Class V Exploratory Well EW-1, submitted to the Florida Department of Environmental Protection (FDEP) and Technical Advisory Committee (TAC) on January 23, 2013 as required by Permit #0293962-001-UC, and discussed in FPL's Revised Response to NRC Information Requests in COL Application Acceptance Review Letter (Reference 1).

The initial report was provided to the NRC by Reference 2. The revised report corrects minor errors described below. These errors are not substantive and do not change the conclusions presented in the Report.

- The pilot hole water quality specific conductance results have been revised to include the results of the field analysis instead of the results of the laboratory analysis.
- A transcription error on a Total Kjeldahl Nitrogen (TKN) result for the pilot hole water was corrected.
- Transcription errors for vertical and hydraulic conductivity values were corrected.

These changes affect pages 18, 19, 25 and Figures 7 and 8 of the report.

Additionally, the error corrections affected one page in the weekly construction summary for week #10 submitted by FPL Letter L-2011-307 dated August 11, 2011 (ML11228A165) and one page in the weekly construction summary for week #17 submitted by FPL letter L-2011-388 dated September 15, 2011 (ML11262A204.) The corrected pages are included in Attachments 1 and 2.

The materials provided on the enclosed optical storage medium (OSM) are provided to assist the NRC staff with their review. The information submitted herein does not comply with the requirements for electronic

submission in NRC Guidance Document, "Guidance for Electronic Submissions to the NRC," dated May 27, 2011.

Ray Burski
New Nuclear Plant - Licensing
FPL Contractor
(O) 561-694-4496
(C) 504-909-6436
Florida Power & Light Company
Mail Stop NNP/JB B3318
700 Universe Blvd
Juno Beach, FL 33408-0420

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Recipients:
"Williamson, Alicia" <Alicia.Williamson@nrc.gov>
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"Matthews, David" <David.Matthews@nrc.gov>
Tracking Status: None
"Nguyen, John-Chau" <John-Chau.Nguyen@nrc.gov>
Tracking Status: None
"Maher, William" <William.Maher@fpl.com>
Tracking Status: None
"Comar, Manny" <Manny.Comar@nrc.gov>
Tracking Status: None
"Hoeg, Tim" <Tim.Hoeg@nrc.gov>
Tracking Status: None
"McCree, Victor" <Victor.McCree@nrc.gov>
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February 20, 2013

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If you have any questions, or need additional information, please contact me at 561-691-7490.

Sincerely,

William Maher
Senior Licensing Director – New Nuclear Projects

WDM/RFB

Attachment 1: Revised Page for Weekly Construction Summary #10

Attachment 2: Revised Page for Weekly Construction Summary #17

Enclosure: Report on the Construction and Testing of Class V Exploratory Well EW-1 at the Florida Power & Light Company Turkey Point Units 6 & 7 – Rev 1 (1 OSM)

cc:
PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO (w/o Enclosure)
Regional Administrator, Region II, USNRC (w/o Enclosure)
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4. (w/o Enclosure)

ATTACHMENT 1

Revised Page for Weekly Construction Summary #10

Florida Power & Light Company
Turkey Point Units 6 & 7
Exploratory Well EW-1
Pilot Hole Water Quality

Sample Date	Depth (ft bpl)	Conductivity (umhos/cm)	Total Dissolved Solids (mg/L)	Chlorides (mg/L)	Ammonia (mg/L)	Total Kjeldahl Nitrogen (mg/L)
6/30/2011	1,100	~~1228~~ 1,227	610	61.3	0.04	0.55
7/1/2011	1,190	~~1177~~ 1,184	768	85.5	0.06	0.59
7/1/2011	1,255	~~1167~~ 1,125	776	97.3	0.03	0.56
7/1/2011	1,345	~~2420~~ 2,263	1,428	551	0.06	0.42
~~7/1/2011~~ 7/2/11	1,435	~~2900~~ 2,838	1,736	640	0.08	0.44
7/2/2011	1,525	~~6760~~ 3,200*	4,168	2,045	0.09	0.35
7/3/2011	1,615	~~5660~~ 5,900	3,548	1,670	0.08	0.45

ft bpl = feet below pad level
umhos/cm - micromhos per centimeter
mg/L = milligrams per liter
I= Value is between MDL and PQL
U = undetected
*Field conductivity measurement appears to be inaccurate based on results reported for TDS and Chloride. The laboratory measured conductivity was 6,760 umhos/cm.

ATTACHMENT 2

Revised Page for Weekly Construction Summary #17

Florida Power & Light Company
Turkey Point Units 6 & 7
Exploratory Well EW-1
Pilot Hole Water Quality

Sample Date	Depth (ft bpl)	Conductivity (umhos/cm)	Total Dissolved Solids (mg/L)	Chlorides (mg/L)	Ammonia (mg/L)	Total Kjeldahl Nitrogen (mg/L)
6/30/2011	1,100	~~1228~~ 1,227	610	61.3	0.04	0.55
7/1/2011	1,190	~~1177~~ 1,184	768	85.5	0.06	0.59
7/1/2011	1,255	~~1167~~ 1,125	776	97.3	0.03	0.56
7/1/2011	1,345	~~2420~~ 2,263	1,428	551	0.06	0.42
~~7/1/2011~~ 7/2/11	1,435	~~2900~~ 2,838	1,736	640	0.08	0.44
7/2/2011	1,525	~~6760~~ 3,200*	4,168	2,045	0.09	0.35
7/3/2011	1,615	~~5660~~ 5,900	3,548	1,670	0.08	0.45
8/13/2011	1,704	9,500	5,688	3,120	U	0.56
8/15/2011	1,794	14,670	9,260	5,010	U	0.57
8/16/2011	1,884	20,400	13,520	7,180	U	0.38
8/17/2011	1,974	25,190	16,910	9,160	U	0.22
8/19/2011	2,064	~~37000~~ 35,850	24,280	14,400	U	~~0.71(I)~~ 0.071(I)
8/21/2011	2,154	~~30000~~ 27,777	18,525	11,000	U	0.32
8/21/2011	2,244	~~32100~~ 29,550	16,967	11,500	U	0.17
8/23/2011	2,334	~~60100~~ 56,200	40,400	26,000	U	0.44

ft bpl = feet below pad level
umhos/cm - micromhos per centimeter
mg/L = milligrams per liter
I= Value is between MDL and PQL
U = undetected
Note: Pilot hole water quality may be influenced by salt used to control artesian head.
*Field conductivity measurement appears to be inaccurate based on results reported for TDS and Chloride. The laboratory measured conductivity was 6,760 umhos/cm.

Enclosure

Report on the Construction and Testing of Class V Exploratory Well EW-1
at the Florida Power & Light Company Turkey Point Units 6 & 7 - Rev 1

(1 OSM)