


United States Nuclear Regulatory Commission Official Hearing Exhibit	
In the Matter of:	FLORIDA POWER & LIGHT COMPANY (Turkey Point Units 6 and 7)
	ASLBP #: 10-903-02-COL-BD01
	Docket #: 05200040   05200041
	Exhibit #: FPL-000-R2-00-BD01
	Admitted: 05/02/2017
	Rejected:
Identified: 05/02/2017	
Withdrawn:	
Stricken:	
Other:	

FPL-000R2

Revised Version Submitted: April 13, 2017

In the Matter of Florida Power & Light Company  
 (Combined Operating License for Turkey Point Nuclear Generating Units 6 and 7)  
 Docket Nos. 50-040-COL and 50-041-COL  
 ASLBP No. 10-903-02-COL-BD01  
 2017 Evidentiary Hearing

FPL Hearing Exhibits

Exhibit #	Witness	Description	ADAMS Accession # (If Applicable)
FPL-000R2		Florida Power & Light, Co. Pre-Filed Exhibits List	
FPL-001	Jacobs	Pre-Filed Direct Testimony of Mr. Paul Jacobs	
FPL-002	McNabb	Pre-Filed Direct Testimony of Mr. David McNabb	
FPL-003	Maliva	Pre-Filed Direct Testimony of Dr. Robert G. Maliva	
FPL-004	Teaf	Pre-Filed Direct Testimony of Dr. Christopher M. Teaf	
FPL-005A	McNabb	Report on the Construction and Testing of Class V Exploratory Well EW-1 at the Florida Power & Light Company Turkey Point Units 6 &7 (pages 1 to 244)	ML14336A337
FPL-005B	McNabb	Report on the Construction and Testing of Class V Exploratory Well EW-1 at the Florida Power & Light Company Turkey Point Units 6 &7 (pages 245 to 471)	ML14336A337
FPL-005C	McNabb	Report on the Construction and Testing of Class V Exploratory Well EW-1 at the Florida Power & Light Company Turkey Point Units 6 &7 (pages 472 to 560)	ML14336A337
FPL-006A	Maliva	AECOM (2009). Engineering Report on the Construction & Testing of Deep injection Well IW-1 and Fuel Zone Monitoring Well MW-1,	

		Robert Dean WTP, Florida City, FL (pages 1 to 61)	
FPL-006B	Maliva	AECOM (2009). Engineering Report on the Construction & Testing of Deep injection Well IW-1 and Fuel Zone Monitoring Well MW-1, Robert Dean WTP, Florida City, FL (pages 62 to 160)	
FPL-006C	Maliva	AECOM (2009). Engineering Report on the Construction & Testing of Deep injection Well IW-1 and Fuel Zone Monitoring Well MW-1, Robert Dean WTP, Florida City, FL (pages 161 to 257)	
FPL-006D	Maliva	AECOM (2009). Engineering Report on the Construction & Testing of Deep injection Well IW-1 and Fuel Zone Monitoring Well MW-1, Robert Dean WTP, Florida City, FL (pages 258 to 338)	
FPL-006E	Maliva	AECOM (2009). Engineering Report on the Construction & Testing of Deep injection Well IW-1 and Fuel Zone Monitoring Well MW-1, Robert Dean WTP, Florida City, FL (pages 339 to 361)	
FPL-006F	Maliva	AECOM (2009). Engineering Report on the Construction & Testing of Deep injection Well IW-1 and Fuel Zone Monitoring Well MW-1, Robert Dean WTP, Florida City, FL (pages 362 to 391)	
FPL-007	Maliva	Cunningham, et al (2012). Near-surface, marine seismic-reflection data define potential hydrogeologic confinement bypass in the carbonate Floridan aquifer system, southeastern Florida.	
FPL-008A	Maliva	Cunningham (2015). Seismic-sequence stratigraphy and geologic structure of the Floridan aquifer system near "Boulder Zone" deep wells in Miami-Dade (pages 1 to 40)	ML16172A125
FPL-008B	Maliva	Cunningham (2015). Seismic-sequence stratigraphy and geologic structure of the Floridan aquifer system near "Boulder Zone" deep wells in Miami-Dade (page 41)	ML16172A125
FPL-008C	Maliva	Cunningham (2015). Seismic-sequence stratigraphy and geologic structure of the Floridan aquifer system near "Boulder Zone" deep wells in Miami-Dade (page 43)	ML16172A125
FPL-009	Maliva	Dausman, et al (2010). Hypothesis testing of buoyant plume	

		migration using a highly parameterized variable-density groundwater model at a site in Florida, USA. Hydrogeology Journal, 18(1), 147-160	
FPL-010	Maliva	Duerr (1995). Types of secondary porosity of carbonate rocks injection and test wells in southern peninsular Florida. U.S. Geological Survey Water Resources Investigation Report 94-4013	
FPL-011	Maliva	Duncan, et al (1994). Geological framework of the Lower Floridan Aquifer System, St. Lucie, Martin and Palm Beach Counties: Report prepared by the Florida Geological Survey for the FDEP, 126 p	
FPL-012	Maliva	Englehardt, et al (2001). Comparative Assessment of Human and Ecological Impacts for Municipal Wastewater Disposal Methods in Southeast Florida: Deep Wells, Ocean Outfalls, and Canal Discharges	
FPL-013	Maliva	Maliva, et al (2007). Vertical Migration Of Municipal Wastewater In Deep Injection Well Systems, South Florida, U.S.A.: Hydrogeology Journal, v. 15, p. 1387-1396	
FPL-014	Maliva	Maliva & Walker (1998). Hydrogeology of deep-well disposal of liquid wastes in southwestern Florida, U.S.A.: Hydrogeology Journal, v. 6, p. 538-548	
FPL-015	Maliva	Maliva & Walker (2000). Deep well injection in South Florida-the vertical confinement experience: Proceedings of the 2000 Ground Water Protection Council Annual Forum, p. 63-73	
FPL-016	Maliva	Metz (2016). Discharge, water temperature, and water quality of Warm Mineral Springs, Sarasota County, Florida—A retrospective analysis: U.S.G.S. Open-File Report 2016–1166, 31 p	
FPL-017	Maliva	Miami-Dade Water and Sewer Department (2014) 20-year water supply facilities work plan (2014 – 2033) Support Data (November 2014)	
FPL-018	Maliva	Miller (1986). Hydrogeologic framework of the Floridan aquifer	

		system in Florida and in parts of Georgia, Alabama, and South Carolina. U.S.G.S. Professional Paper 1403-B	
FPL-019A	Maliva	Miller (1990). Ground Water Atlas of the United States. Alabama, Florida, Georgia, and South Carolina. U.S. Geological Survey Report HA 730-G (pages 1 to 15)	
FPL-019B	Maliva	Miller (1990). Ground Water Atlas of the United States. Alabama, Florida, Georgia, and South Carolina. U.S. Geological Survey Report HA 730-G (pages 16 to 30)	
FPL-020	Maliva	Missimer & Maliva (2004). Tectonically induced fracturing, folding, and groundwater flow in South Florida. Gulf Coast Association Geological Societies Transactions, 54:443–459	
FPL-021	Maliva	Mitchell-Tapping, et al (1999). Mud Hole: a unique warm-water submarine spring, located offshore southwestern Florida. Transactions Gulf Coast Association of Geological Societies, v.49, p. 370-383	
FPL-022	Maliva	Meyer (1989). Hydrogeology, ground-water movement, and subsurface storage in the Floridan Aquifer System in Southern Florida: U.S. Geological Survey Professional Paper 1403-G, 59 p	
FPL-023	Maliva	Reese (1994). Hydrogeology and the distribution and origin of salinity in the Floridan Aquifer System, Southeastern Florida; U.S. Geological Survey Water Resources Investigations Report 94-4010	ML14287A476
FPL-024	Maliva	Reese & Richardson (2008). Synthesis of the hydrogeologic framework of the Floridan Aquifer System and delineation of a major Avon Park Permeable zone in central and southern Florida	
FPL-025	Maliva	Safko & Hickey (1992). A preliminary approach to the use of borehole data, including television surveys, for characterizing secondary porosity in carbonate rocks in the Floridan Aquifer System	
FPL-026	Maliva	Starr, et al (2001). Evaluation of Confining Layer Integrity Beneath	ML14216A601

		the South District Wastewater Treatment Plant, Miami-Dade Water and Sewer Department, Dade County, Florida. INEEL	
FPL-027	Maliva	United States Environmental Protection Agency (2003). Relative risk assessment of management options for treated wastewater in South Florida. Office of Water 4606-M EPA 816-R-03-010	ML16266A248
FPL-028	Maliva	Walsh & Price (2010). Determination of vertical and horizontal pathways of injected fresh wastewater into a deep saline aquifer (Florida, USA) using natural chemical tracers	
FPL-029	Maliva	McNeil (2000). A Review of Upward Migration of Effluent Related to Subsurface Injection at Miami-Dade Water and Sewer South District Plant. Report prepared for the Sierra Club	
FPL-030	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 1997. Tetrachloroethylene - ToxFAQs. CAS # 127-18-4. September 1997	
FPL-031	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2014a. Draft Toxicological Profile for Tetrachloroethylene. U.S. Department of Health and Human Services. October 2014	
FPL-032	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2007a. Ethylbenzene -ToxFAQs. CAS # 100-41-4. September 2007	
FPL-033	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2014b. Tetrachloroethylene - ToxFAQs. CAS # 127-18-4. October 2014.	
FPL-034	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2000. Toxicological Profile for Toluene. U.S. Department of Health and Human Services. September 2000	
FPL-035	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2001. Toluene - ToxFAQs. CAS # 108-88-3. February 2001	
FPL-036	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2007b. ToxFAQs for Heptachlor and Heptachlor Epoxide. CAS #	

		76-44-8 and 1024-57-3. August 2007	
FPL-037	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2010. Toxicological Profile for Ethylbenzene. U.S. Department of Health and Human Services. November 2010	
FPL-038	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2007c. Toxicological Profile for Heptachlor and Heptachlor Epoxide. U.S. Department of Health and Human Services. November 2007	
FPL-039	Teaf	ATSDR (Agency for Toxic Substances and Disease Registry). 2015. Toluene - ToxFAQs. CAS # 108-88-3. September 2015	
FPL-040	Teaf	FDEP (Florida Department of Environmental Protection). 2005. Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C. February 2005	
FPL-041	Teaf	FPL (FPL Central Laboratory). 2013a. Laboratory results for work order 13D0159. May 1, 2013	ML15349A993
FPL-042	Teaf	FPL (FPL Central Laboratory). 2013b. Laboratory results for work order 13H0145. August 13, 2013	ML15349A994
FPL-043	Teaf	FPL (FPL Central Laboratory). 2013c. Laboratory results for work order 13H0286. August 26, 2013	ML15349A995
FPL-044	Teaf	FPL (FPL Central Laboratory). 2013d. Laboratory results for work order 13J0216. October 31, 2013	ML15349A996
FPL-045	Teaf	FPL (FPL Central Laboratory). 2014a. Laboratory results for work order 14C0184. March 19, 2014	ML15349A997
FPL-046	Teaf	FPL (FPL Central Laboratory). 2014b. Laboratory results for work order 14C0268. April 10, 2014	ML15349A998
FPL-047	Teaf	Genapure (Genapure Analytical Services, Inc.). 2008. Annual Sampling, Miami Dade Water & Sewer. February 29, 2008	ML12219A156
FPL-048	Teaf	Genapure (Genapure Analytical Services, Inc.). 2009. Annual	

		Sampling, Miami Dade Water & Sewer. March 20, 2009	
FPL-049	Teaf	HSDB (Hazardous Substances Databank). 2012. Tetrachloroethylene. CASRN: 127-18-4. May 3, 2012	
FPL-050	Teaf	IRIS (Integrated Risk Information System). 1991. Ethylbenzene; CASRN 100-41-4. January 31, 1987	
FPL-051	Teaf	IRIS (Integrated Risk Information System). 2012. Tetrachloroethylene (Perchloroethylene); CASRN 127-18-4. February 10, 2012	
FPL-052	Teaf	KSA (KSA Environmental Laboratory, Inc.). 2007. Annual Plant Sampling, Miami Dade Water/Sewer. April 13, 2007	
FPL-053	Teaf	FDEP (Florida Department of Environmental Protection). 2015. Chapter 62-550. Drinking Water Standards, Monitoring, and Reporting. July 7, 2015	
FPL-054	Teaf	USEPA (U.S. Environmental Protection Agency). 2016a. Ground Water and Drinking Water Table of Regulated Drinking Water Contaminants. October, 2016	
FPL-055	Teaf	Xenco (Xenco Laboratories). 2010. Annual Priority Pollutants. Analytical Report 363251 for Miami Dade Water & Sewer. March 17, 2010	
FPL-056	Teaf	Xenco (Xenco Laboratories). 2011. Annual Priority Pollutants. Analytical Report 407304 for Miami Dade Water & Sewer. March 27, 2011	ML12220A391
FPL-057	Teaf	USEPA (U.S. Environmental Protection Agency). 2016b. How EPA Regulates Drinking Water Contaminants. May 11, 2016	
FPL-058	Teaf	USEPA (U.S. Environmental Protection Agency). 2006. Drinking Water Contaminants. November 28, 2006	
FPL-059	Teaf	USEPA (U.S. Environmental Protection Agency). 1992. National Oil and Hazardous Substances Pollution Contingency Plan (The	

		NCP)	
FPL-060	McNabb	Pre-Filed Rebuttal Testimony of Mr. David McNabb	
FPL-061	Maliva	Pre-Filed Rebuttal Testimony of Dr. Robert G. Maliva	
FPL-062	Teaf	Pre-Filed Rebuttal Testimony of Dr. Christopher M. Teaf	
FPL-063	Maliva	Walsh, V. M. (2012). Geochemical determination of the fate and transport of injected fresh wastewater to a deep saline aquifer. Ph.D. Dissertation, Florida International University, Miami, Florida.	
FPL-064		Joint List of Undisputed Facts	