

Progress Energy Florida, Inc.
(Levy County Nuclear Power Plant, Units 1 and 2)
Docket Nos. 52-029-COL and 52-030-COL
October 2012 Evidentiary Hearing
Progress Energy Florida Hearing Exhibits

Submitted June 26, 2012

Progress Energy Exhibit #	Progress Energy Witness	Description
PEF000		Progress Energy Florida, Inc. Hearing Exhibits List
PEF001	Griffin	Pre-Filed Direct Testimony of Mitchell L. Griffin, Ph.D., Regarding Passive Dewatering and Active Dewatering During Construction (June 26, 2012)
PEF002	Griffin	List of Acronyms used in Dr. Mitchell L. Griffin's June 26, 2012 Pre-Filed Direct Testimony
PEF003	Griffin	Curriculum Vitae of Dr. Mitchell L. Griffin
PEF004	Griffin	State of Florida Siting Board Final Order Approving Certification (August 26, 2009), including ALJ's Recommended Order on Certification (May 15, 2009)
PEF005	Griffin	State of Florida Department of Environmental Protection Conditions of Certification (January 25, 2011)
PEF006	Griffin	Basis of Review for Environmental Resource Permit Applications within the Southwest Florida Water Management District
PEF007	Griffin	SCA Appendix 10.4, Attachment A.3, Drawing LNG-G100-X3-014-01
PEF008	Griffin	SCA Appendix 10.4, Attachment A.3, Drawing LNG-G1-X0-043
PEF009	Griffin	Driscoll, E.D., G.E. Palhegyi, E.W. Strecker, and P.E. Shelley. 1989. Analysis of Storm Event Characteristics for Selected Rainfall Gages Throughout the United States. Prepared for the U.S. Environmental Protection Agency, Washington, D.C.
PEF010	Griffin	LNP Environmental Report Table 2.7-2

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PEF011	Griffin	Knowles, L., Estimation of Evapotranspiration in the Rainbow Springs and Silver Springs Basins in North-Central Florida, U.S. Geological Survey, Water-Resources Investigation Report 96-4024 (1996)
PEF012	Griffin	USGS Water-Data Report 2011 for Gauge 02313250 Withlacoochee River Bypass Channel near Inglis, FL
PEF013	Griffin	Paul C. Rizzo Associates. Effect of Grouting on Groundwater Flow Regime, Prepared for Progress Energy Florida, Reference document LNG-0000-XDC-001, Rev. 2. November 19, 2008 (Rizzo, 2008b).
PEF014	Griffin	CH2M HILL. Effects of Temporary Dewatering on Wetlands for the Construction of the Levy Nuclear Plant, Levy County, Florida, Prepared for Progress Energy Florida, Reference document 338884-TMEM-131, September 7, 2011.
PEF015	Griffin	Paul C. Rizzo Associates. Design of Excavation Dewatering System, Prepared for Progress Energy Florida. Reference document LNG-0000-XEC-001, Rev. 1, June 26, 2008. (Rizzo, 2008a).
PEF100	Rumbaugh	Pre-Filed Direct Testimony of James O. Rumbaugh, III, P.G., on The Design and Calibration of the Regional Computer Model Used in Predicting The Effects on Local and Regional Water Resources from Active Groundwater Withdrawals During Construction and Operation of the Levy Nuclear Plant, Units 1 & 2 (June 26, 2012)
PEF101	Rumbaugh	List of Acronyms used in James O. Rumbaugh's June 26, 2012 Pre-Filed Direct Testimony
PEF102	Rumbaugh	Curriculum Vitae of James O. Rumbaugh, III

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PEF103	Rumbaugh	Refinement of the District Wide Regulation Model for Southwest Florida Water Management District, prepared by Environmental Simulations Inc. (January 11, 2007)
PEF200	Lehnen	Pre-Filed Direct Testimony of Jeffrey D. Lehnen, P.G., on Computer Modeling of the Effects on Local and Regional Water Resources from Active Groundwater Withdrawals During Construction of the Levy Nuclear Plant, Units 1 & 2 (June 26, 2012)
PEF201	Lehnen	List of Acronyms used in Jeffrey D. Lehnen's June 26, 2012 Pre-Filed Direct Testimony
PEF202	Lehnen	Resume of Jeffrey D. Lehnen
PEF203	Lehnen	General Hydrology of the LNP Site, Levy County
PEF204	Lehnen	FSAR Figure 2.5.1-217
PEF205	Lehnen	FSAR Figure 2.4.12-202
PEF206	Lehnen	FSAR Page 2.5-4
PEF207	Lehnen	FSAR Figure 2.5.1-237
PEF208	Lehnen	FSAR Figure 2.5.1-239
PEF209	Lehnen	Florida Geological Survey: Springs of Florida (Bulletin 66, October 12, 2004) (relevant excerpts)
PEF210	Lehnen	Revised Groundwater Model Evaluation of Simulated Drawdown Water Impacts, Levy Nuclear Plant, CH2M Hill Tech Memo TMEM-123 (December 7, 2009)

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PEF211	Lehnen	RAI 5.2.2-3I, Figure 8
PEF212	Lehnen	Revised Conceptual Wellfield Layout and Evaluation of Simulated Drawdown Impacts, Levy Nuclear Plant, CH2M HILL Tech Memo TMEM-074 (November 14, 2008)
PEF213	Lehnen	Southwest Florida Water Management District, Tarmac America, LLC (Tarmac), General Water Use Permit (June 17, 2010)
PEF214	Lehnen	DEIS page 7-15
PEF215	Lehnen	Simulated Upper Floridan Aquifer Drawdown (ft) from Tarmac Mine Well
PEF216	Lehnen	Recalibrated Model Calibration Targets
PEF217	Lehnen	Recalibrated Model Simulated Impacts to Rivers, Lakes, and Springs
PEF300	Dunn	Pre-Filed Direct Testimony of William J. Dunn, Ph.D., Regarding Environmental Impacts from Active Dewatering During Construction and Operation of Levy Nuclear Plant, Units 1 & 2
PEF301	Dunn	List of Acronyms used in Dr. William J. Dunn's June 26, 2012 Pre-Filed Direct Testimony
PEF302	Dunn	Curriculum Vitae of Dr. William J. Dunn
PEF303	Dunn	Florida Electrical Power Plant Siting Act, Fla. Stat. §§ 403.501-518
PEF304	Dunn	LNP Well Field Aquifer Performance Testing Plan, CH2M HILL Tech Memo TMEM-135 (May 29, 2012)

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Progress Energy Exhibit #	Progress Energy Witness	Description
PEF305	Dunn	LNP Well Field Environmental Monitoring Plan, CH2M HILL Tech Memo TMEM-133 (May 29, 2012)
PEF306	Dunn	Table: Inventory and Summary of Federal Jurisdictional Wetlands on LNP site and South Property, FL
PEF307	Dunn	Figure: Federal Jurisdictional Wetlands on LNP Site and South Property, FL
PEF308	Dunn	Figure: Extent of Hydric Soils on LNP Site and South Property, FL
PEF309	Dunn	Table: Inventory and Summary of areal extent of NRCS Soil Series on LNP Site and South Property, Levy County, FL
PEF310	Dunn	Kelly, M.H. and Gore, J.A., Florida River Flow Patterns and the Atlantic Multidecadal Oscillation. River Research and Applications 24:598-616 (2008)
PEF311	Dunn	Conditions for a Permit, Fla. Stat. § 373.223
PEF312	Dunn	Consumptive Use of Water, Fla. Admin. Code r. 40D-2
PEF313	Dunn	SWFWMD Water Use Permit Information Manual, Part B (Basis of Review) (December 12, 2011)
PEF314	Dunn	Table: Alignment of PEF's COC for the Freshwater Supply with the Six Step Adaptive Management Process
PEF400	Robertson	Pre-Filed Direct Testimony of Kevin M. Robertson, PhD, Regarding Impacts on Water Quality and the Aquatic Environment Due to Increased Nutrients Resulting from Destructive Wildfires Allegedly Caused by Dewatering (June 26, 2012)

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PEF401	Robertson	List of Acronyms used in Dr. Kevin M. Robertson's June 26, 2012 Pre-Filed Direct Testimony
PEF402	Robertson	Curriculum Vitae of Kevin M. Robertson
PEF403	Robertson	Worst Case Draw Down Area and Organic Soil Areas Superimposed on Natural Resources Conservation Service Levy County Soil Survey
PEF500	Howroyd	Pre-Filed Direct Testimony of Dr. George C. Howroyd Regarding Salt Emissions and Salt Deposition from Cooling Tower (June 26, 2012)
PEF501	Howroyd	List of Acronyms used in Dr. George C. Howroyd's June 26, 2012 Pre-Filed Direct Testimony
PEF502	Howroyd	Curriculum Vitae of George C. Howroyd
PEF503	Howroyd	LNP Environmental Report pp. 2-8, 2-81, 2-100, 2-623, 2-636 to 2-640, 5-36 to 5-41
PEF504	Howroyd	Florida Department of Environmental Protection, Final Air Permit No. PSD-FL-403 (February 20, 2009)
PEF505	Howroyd	CH2M Hill's Technical Memorandum (TMEM-058): LNP Cooling Tower Plume Deposition Analysis (May 22, 2008)
PEF600	Blancher	Pre-Filed Direct Testimony of Eldon C. Blancher II, PhD, Regarding Impact of Cooling Tower Salt Emissions (June 26, 2012)
PEF601	Blancher	List of Acronyms used in Eldon C. Blancher June 26, 2012 Pre-Filed Direct Testimony

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PEF602	Blancher	Curriculum Vitae of Eldon C. Blancher, II
PEF603	Blancher	NUREG -1555, Environmental Standard Review Plan, Section 5.3.3.2
PEF604	Blancher	Salt Concentrations During Extended Dry Periods in Levy County, FL
PEF605	Blancher	Dry Season Rainfall Data from the SWFWMD
PEF606	Blancher	Crystal River Salt Drift Study, Permit Number PSD-FL-007, Annual Report for 1993-1994 (KBN Engineering)
PEF607	Blancher	Aerial Photographic Monitoring, Florida Power Corporation, Crystal River Power Plant, Salt Drift Study Final Report 1995 (January 18, 1996) (Grey/Dennis)