



February 13, 2013
 L-2013-059
 10 CFR 50, Appendix E

US Nuclear Regulatory Commission
 Attn: Document Control Desk
 Washington, DC, 20555-00001

Re: Turkey Point Unit 4
 Docket Nos. 50-251
Emergency Response Data System Changes Due to Replacement of the Main Steam Line High-Range Noble Gas Effluent Monitor

This letter is being submitted pursuant to 10 CFR 50, Appendix E, VI, 3.a, "Maintaining the Emergency Response Data System," due to changes to the Turkey Point Unit 4 (TP4) Emergency Response Data System (ERDS) Data Point Library Reference File. Turkey Point Unit 4 has recently replaced the Main Steam Line High-Range Noble Gas Effluent Monitors. As a result of these design changes, the ERDS point IDs associated with the main steam line monitor has changed. Specifically, instead of a single ERDS point ID, there are now three individual ERDS point IDs associated with each of the Turkey Point Unit 4 main steam line monitors. As such, the following ERDS point ID is removed from the Turkey Point Data Point Library Reference File:

TP4 ERDS DATA POINT INFORMATION			
DCS Point ID	Plant Specific Point Description	Generic Condition Description	Description
R6426_A	Main Steam lines Gamma Hi Rng	Main Steam Lines Radioactivity	RAD6426 Main Steam Line High Range Gamma

In its place, the following three new point IDs are added to the Turkey Point Data Point Library Reference File:

TP4 ERDS DATA POINT INFORMATION			
DCS Point ID	Plant Specific Point Description	Generic Condition Description	Description
R6426A_C_V	Main Steam Line 4A NG Activity	Main Steam Line A Radioactivity	RAD-4-6426A
R6426B_C_V	Main Steam Line 4B NG Activity	Main Steam Line B Radioactivity	RAD-4-6426B
R6426C_C_V	Main Steam Line 4C NG Activity	Main Steam Line C Radioactivity	RAD-4-6426C

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These changes were implemented on January 29, 2013. As such, pursuant to 10 CFR 50, Appendix E, VI, 3.a, which requires submittal of software changes to the ERDS Data Point Library within 30 days after the changes are completed, Florida Power and Light Company (FPL) is submitting herein in Attachment 1 details of the new ERDS point IDs for incorporation into the TP4 ERDS Data Point Library Reference File.

Should there be any questions, please contact Mr. Robert J. Tomonto, Licensing Manager, at 305-246-7327.

Very truly yours,



Michael Kiley
Vice President
Turkey Point Nuclear Plant

Attachment

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

TP4 DATA POINT LIBRARY REFERENCE FILE		
Date:		1/29/2013
Reactor Unit:		TP4
Data Feeder:		N/A
NRC ERDS Parameter:		MAIN SL A
Point ID:		R6426A_C_V
Plant Spec Point Desc:		Main Steam Line 4A NG Activity
Generic/Cond Desc:		Main Steam Line A Radioactivity
Analog/Digital:		A
Engr Units/Dig States:		uCi/cc
Engr Units Conversion:		N/A
Minimum Instr Range:		1.0E-1
Maximum Instr Range:		1.0E+4
Zero Point Reference:		N/A
Reference Point Notes:		N/A
PROC or SENS:		P
Number of Sensors:		2
How Processed:		Analytical correlation
Sensor Locations:		Main Steam Line 4A Outside Containment
Alarm/Trip Set Points:		Determined by Plant Radiochemistry
NI Detector Power Supply Cut-off Power Level:		N/A
NI Detector Power Supply Turn-On Power Level:		N/A
Instrument Failure Mode:		As-Is
Temperature Compensation For DP Transmitters		N/A
Level Reference Leg:		N/A
Unique System Desc:		Detector consists of a pair of Geiger-Mueller tubes with overlapping ranges, placed adjacent to the 4A Main Steam Line, and shielded from background radiation. Detector response is correlated to MSL internal activity.

TP4 DATA POINT LIBRARY REFERENCE FILE		
Date:		1/29/2013
Reactor Unit:		TP4
Data Feeder:		N/A
NRC ERDS Parameter:		MAIN SL B
Point ID:		R6426B_C_V
Plant Spec Point Desc:		Main Steam Line 4B NG Activity
Generic/Cond Desc:		Main Steam Line B Radioactivity
Analog/Digital:		A
Engr Units/Dig States:		uCi/cc
Engr Units Conversion:		N/A
Minimum Instr Range:		1.0E-1
Maximum Instr Range:		1.0E+4
Zero Point Reference:		N/A
Reference Point Notes:		N/A
PROC or SENS:		P
Number of Sensors:		2
How Processed:		Analytical correlation
Sensor Locations:		Main Steam Line 4B Outside Containment
Alarm/Trip Set Points:		Determined by Plant Radiochemistry
NI Detector Power Supply Cut-off Power Level:		N/A
NI Detector Power Supply Turn-On Power Level:		N/A
Instrument Failure Mode:		As-Is
Temperature Compensation For DP Transmitters		N/A
Level Reference Leg:		N/A
Unique System Desc:		Detector consists of a pair of Geiger-Mueller tubes with overlapping ranges, placed adjacent to the 4B Main Steam Line, and shielded from background radiation. Detector response is correlated to MSL internal activity.

TP4 DATA POINT LIBRARY REFERENCE FILE	
Date:	1/29/2013
Reactor Unit:	TP4
Data Feeder:	N/A
NRC ERDS Parameter:	MAIN SL C
Point ID:	R6426C_C_V
Plant Spec Point Desc:	Main Steam Line 4C NG Activity
Generic/Cond Desc:	Main Steam Line C Radioactivity
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	1.0E-1
Maximum Instr Range:	1.0E+4
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	Analytical correlation
Sensor Locations:	Main Steam Line 4C Outside Containment
Alarm/Trip Set Points:	Determined by Plant Radiochemistry
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-On Power Level:	N/A
Instrument Failure Mode:	As-Is
Temperature Compensation For DP Transmitters	N/A
Level Reference Leg:	N/A
Unique System Desc:	Detector consists of a pair of Geiger-Mueller tubes with overlapping ranges, placed adjacent to the 4C Main Steam Line, and shielded from background radiation. Detector response is correlated to MSL internal activity.