



November 17, 2022
L-2022-182
10 CFR 50 Appendix E

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

Re: Turkey Point Unit 3
Docket No. 50-250
Emergency Response Data System (ERDS) Changes

Pursuant to 10 CFR 50, Appendix E, VI, 3.a, "Maintaining the Emergency Response Data System," this letter notifies the NRC of a change to an existing data point to/from the Emergency Response Data System (ERDS) Data Point Library Reference File for Turkey Point Unit 3.

The Turkey Point Unit 3 Spent Fuel Pit ventilation system incorporates a dedicated radiation monitor. A modification to replace RAD-3-6418 with an upgraded design has been completed, resulting in a revised data point ID and instrument ranges.

Attachment 1 summarizes the preceding ERDS data point, the new ERDS data point, and the corresponding library reference file.

The change was completed on November 3, 2022. This information is provided pursuant to 10 CFR 50, Appendix E, VI, 3.a, which requires NRC notification within 30 days after the changes are completed.

Please contact Ms. Cynthia Cashwell, Turkey Point Regulatory Affairs Manager, at 305-246-1631 with any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Cynthia Cashwell', is written over a horizontal line.

Cynthia Cashwell
Regulatory Affairs Manager
Turkey Point Nuclear Plant

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

Preceding ERDS Point

Description	Units	Low Range	High Range	TP3 Data Point
Spent Fuel Pit High Range	$\mu\text{Ci/cc}$	1E-1	1E+5	R6418HR_A

New ERDS Point

Description	Units	Low Range	High Range	TP3 Data Point
Spent Fuel Pit High Range	$\mu\text{Ci/cc}$	1E-4	1E+5	R6418HB_V

TP3 DATA POINT LIBRARY REFERENCE FILE		
Date:		02/07/2022
Reactor Unit:		TP3
Data Feeder:		N/A
NRC ERDS Parameter:		NL
Point ID:		R6418HB_V
Plant Spec Point Desc:		U3 Fuel Pool Gas Gamma Hi Rng
Generic/Cond Desc:		Radioactivity Of Released Gases
Analog/Digital:		A
Engr Units/Dig States:		uCi/cc
Engr Units Conversion:		N/A
Minimum Instr Range:		1.0E-4
Maximum Instr Range:		1.0E+5
Zero Point Reference:		N/A
Reference Point Notes:		N/A
PROC or SENS:		P
Number of Sensors:		1
How Processed:		Data Link
Sensor Locations:		U3 Spent Fuel Pool Vent Stack
Alarm/Trip Set Points:		Determined By Radiochemist
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:		The monitoring system is a combination of interconnected skids (a low range and a high range noble gas monitors) with continuous particulate and iodine sampling capability. The low range spent fuel pool gas detector (RAD-3-6418A) is a beta scintillation detector and the high range detector (RAD-3-6418B) is a flow through ionization chamber detector.