



L-2011-106
10 CFR 52.3

March 18, 2011

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
Revised Response to NRC Request for Additional Information Letter No. 012
(eRAI5191) Standard Review Plan Section 07.05 - Information Systems Important
to Safety

Reference:

1. NRC Letter to FPL dated December 16, 2010, Request for Additional Information Letter No. 012 Related to SRP Section 07.05 - Information Systems Important to Safety for the Turkey Point Nuclear Plant Units 6 and 7 Combined License Application
2. FPL Letter to NRC dated January 31, 2011, Response to NRC Request for Additional Information Letter No. 012 (eRAI5191) Standard Review Plan Section 07.05 - Information Systems Important to Safety

Florida Power & Light Company (FPL) provided its response to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) 07.05-1 on January 31, 2011, (Reference 2). In a teleconference between FPL and NRC staff on February 17, 2011, NRC requested FPL to revise the response to provide the instrument ranges and accuracies for the differential temperature instrumentation.

FPL provides, as an attachment to this letter, its revised response to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) 07.05-1 to include the requested information. The attachment identifies changes that will be made in a future revision of the Turkey Point Units 6 and 7 Combined License Application (if applicable).

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

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MRO

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I declare under penalty of perjury that the foregoing is true and correct.

Executed on March 18, 2011

Sincerely,



William Maher
Senior Licensing Director – New Nuclear Projects

WDM/RFB

Attachment: FPL Revised Response to NRC RAI No. 07.05-1 (eRAI 5191)

cc:

PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO
Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4

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NRC RAI Letter No. PTN-RAI-LTR-012

SRP Section: 07.05 - Information Systems Important to Safety

Question from Instrumentation, Controls and Electrical Engineering 1 Branch

NRC RAI Number: 07.05-1 (eRAI 5191)

Provide the range and accuracy information for boundary environs radiation instruments. 10 CFR Part 50, Appendix A, GDC 64, requires means to monitor radioactivity that may be released from postulated accidents. The boundary environs radiation instruments are used post-accident to assist in determination of protective action recommendations. Regulatory Guide 1.97, Revision 3, provides an acceptable means to address the boundary radiation instrument's range. To demonstrate conformance to RG 1.97, Revision 3, provide range and accuracy information for boundary environs radiation parameters. Even though the applicant may not have procured the portable monitoring instrumentation, the application should provide a minimum operating range that the equipment is to support.

FPL RESPONSE:

FSAR Section 7.5, Table 7.5-201 will be revised to include the requested site specific information in a future revision of the FSAR.

This response is PLANT SPECIFIC.

References:

None

ASSOCIATED COLA REVISIONS:

Table 7.5-201 in FSAR Section 7.5 will be updated in a future revision with the following Table 7.5-201.

PTN COL 7.5-1

Table 7.5-201^(a)

Post-Accident Monitoring System

Variable	Range/ Status ^(b)	Type/ Category	Qualification		Number of Instruments Required	Power Supply	QDPS Indication	Remarks
			Environment al	Seismi c				
Boundary environs radiation <ul style="list-style-type: none"> • Airborne Radiohalogens and Particulates (portable sampling with onsite analysis capability) • Radiation (portable instrumentation) • Radioactivity (portable instrumentation) 	<p>10⁻⁹ to 10⁻³ micro Ci/cc</p> <p>10⁻³ to 10⁴ R/hr photons and 10⁻³ to 10⁶ rads/hr beta and low-energy photons</p> <p>Multichannel gamma ray spectrometer</p>	C3,E3	None	None	A sufficient number of instruments and onsite analysis capability is provided to support the Emergency Planning Field Teams.	Non-1E	No	
Meteorological parameters <ul style="list-style-type: none"> • Wind Speed • Wind Direction • Differential Temperature 	<p>0 to 145 mph^(c)</p> <p>0 - 360^(d)</p> <p>-22.0° to 122.0°F^(e)</p>	E3	None	None	<p>2 (1 @ 10 m and 1 @ 60m)</p> <p>2 (1 @ 10 m and 1 @ 60m)</p> <p>2 (1 @ 10 m and 1 @ 60m)</p>	Non-1E	No	Differential temperature calculated from temperature measurements at 10 and 60 meters.

(a) This table supplements DCD Table 7.5-1 and provides the site specific information to address the note in the remarks column of DCD Table 7.5-1.

(b) These instruments conform to Regulatory Guide 1.97, Revision 3.

(c) System accuracy ±0.15 mph

(d) System accuracy ± 2°

(e) System accuracy ±0.27°F. (Range specified is for individual temperature instruments.)

ASSOCIATED ENCLOSURES:

None