



L-2011-022
10 CFR 52.3

January 31, 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
Response to NRC Request for Additional Information Letter No. 012 (eRAI 5191)
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

Florida Power & Light Company (FPL) provides, as an attachment to this letter, its response to the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) 07.05-1 provided in the referenced letter. 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.

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

Executed on January 31, 2011

Sincerely,

A handwritten signature in black ink, appearing to read 'William Maher', is written over a horizontal line.

William Maher
Senior Licensing Director – New Nuclear Projects

Attachment: FPL 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

Florida Power & Light Company

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D097
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Proposed Turkey Point Units 6 and 7
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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	Number of Instruments Required	Remarks
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) 	10^{-9} to 10^{-3} micro Ci/cc 10^{-3} to 10^4 R/hr photons and 10^{-3} to 10^4 rads/hr beta and low-energy photons Multi-channel gamma ray spectrometer	A sufficient number of instruments and onsite analysis capability is provided to support the Emergency Planning Field Teams.	Conforms to Regulatory Guide 1.97, Revision 3
Meteorological parameters <ul style="list-style-type: none"> • Wind Speed • Wind Direction • Differential Temperature 	0 to 145 mph (± 0.15 mph) 0 - 360° ($\pm 2^\circ$) Calculated as difference between 10-m and 60-m temperature	2 (1 @ 10 m and 1 @ 60m) 2 (1 @ 10 m and 1 @ 60m) 2 (1 @ 10 m and 1 @ 60m)	Conforms to Regulatory Guide 1.97, Revision 3

(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.

ASSOCIATED ENCLOSURES:

None