



May 24, 2016
10 CFR 50.4
L-2016-110

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

Re: Turkey Point Unit 3 and Unit 4
Docket Nos. 50-250 and 50-251
NEI 12-06, Appendix H, Revision 2, H.4.1 Path 1: GMRS \leq SSE, Mitigating Strategies Assessment (MSA) report for the New Seismic Hazard Information

References:

1. NEI 12-06, Revision 2, Diverse and Flexible Coping Strategies (FLEX) Implementation Guide, December 2015, ADAMS Accession Number ML16005A625.
2. JLD-ISG-2012-01, Revision 1, Compliance with Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events, dated February 2016, ADAMS Accession Number ML15357A163.
3. FPL Letter, L-2014-085, Florida Power and Light Company's, Turkey Point Units 3 and 4 Seismic Hazard and Screening Report (CEUS Sites), Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident, dated March 27, 2014, ADAMS Accession Number ML14106A032.
4. NRC Letter, Turkey Point Nuclear Generating, Unit Nos. 3 and 4 - Staff Assessment of Information provided Pursuant to Title 10 of the Code of Federal Regulations Part 50, Section 50.54(f), Seismic Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima DAI-ICHI Accident and Staff Closure of Activities associated with Recommendation 2.1, "Seismic," dated January 22, 2016, ADAMS Accession Number ML16013A472.

The purpose of this letter is to provide the results of the assessment for Turkey Point Units 3 and 4, performed to determine if the FLEX strategies developed, implemented and maintained in accordance with NRC Order EA-12-049, can be implemented, considering the impacts of the reevaluated seismic hazard.

The assessment was performed in accordance with the guidance provided in Appendix H of NEI 12-06, Revision 2 (Reference 1), which was endorsed by the NRC (Reference 2). The Mitigating Strategies Seismic Hazard Information (MSSHI) is the Turkey Point's reevaluated seismic hazard information, developed using Probabilistic Seismic Hazard Analysis (PSHA).

A001
NR2

The MSSHI includes a performance-based Ground Motion Response Spectrum (GMRS), Uniform Hazard Response Spectra (UHRS) at various annual probabilities of exceedance, and a family of seismic hazard curves at various frequencies and fractiles developed at the Turkey Point control point elevation. Turkey Point submitted the reevaluated seismic hazard information including the UHRS, GMRS and the hazard curves to the NRC on March 27, 2014 (Reference 3). The NRC Staff concluded that the Turkey Point GMRS adequately characterizes the reevaluated seismic hazard for the Turkey Point Nuclear Site (Reference 4).

Consistent with Section H.4.1 of Reference 1, the Turkey Point GMRS is bounded by the Safe Shutdown Earthquake (SSE) spectrum at all frequencies. Therefore, the FLEX strategies for Turkey Point can be implemented as designed and no further seismic evaluations are necessary.

This letter contains no new regulatory commitments and no revisions to existing regulatory commitments.

Should you have any questions regarding this submittal, please contact Mr. Mitch Guth, Turkey Point Licensing Manager, at 305-246-6698.

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

Executed on May 24, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas Summers', with a stylized flourish extending to the right.

Thomas Summers
Site Vice President
Turkey Point Nuclear Plant

Enclosure

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