



Serial: NPD-LNP-COC-2010-006

June 23, 2010

Jim Maher, SLERP Program Administrator
FL Department of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7577

**LEVY NUCLEAR PLANT
DETAILED FLOODPLAIN ANALYSIS SUBMITTAL**

Reference: **Site Certification No. PA08-51B**
Levy Nuclear Plant
Progress Energy Florida

Dear Mr. Maher:

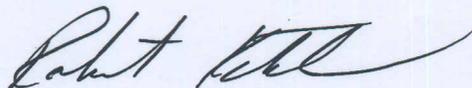
Progress Energy Florida, Inc. (PEF) is submitting for your review and comment a detailed floodplain analysis for the Levy Nuclear Plant site and adjacent property, as a preliminary component of the post-certification submittal requirements contained in Condition XXVII.H. of the above-referenced Conditions of Certification. This submittal contains the results of detailed floodplain modeling analysis used to determine the base flood elevations, the extent of onsite floodplains, and if onsite compensation storage is required due to the construction of the project. In addition to the analysis report, an electronic version of the input and output files from the modeling are included for your review and use.

The intent of providing this analysis for agency review at this time is to gain concurrence with the approach and conclusions contained in the analysis. It is PEF's understanding that the Department of Environmental Protection (DEP) will review and comment on the analysis and upon DEP's concurrence with the analysis, DEP will approve this submittal subject to the commitments by PEF required by this and other Conditions of Certification that may require submittal of additional information in advance of construction that may impact floodplains. PEF will utilize DEP Form No. 62-343.900(1), for the submittal of these details. Based upon these requirements, PEF requests that the DEP issue a determination that the floodplain analysis and conclusions are appropriate and that PEF is approved to proceed in accordance with this analysis.

Since the intent of this initial submittal is to request agency concurrence of the methodology detailed in the analysis, PEF hereby grants an express waiver of the post-certification submittal procedural timeframes contained in the Conditions of Certification that may be applicable to this review. If you have questions, please contact Jamie Hunter at (727) 820-5764 (email: John.Hunter@pgnmail.com) or me at (919) 546-6992.

Progress Energy Florida, Inc.
P.O. Box 14042
St. Petersburg, FL 33733

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Kitchen". The signature is fluid and cursive, with a long horizontal stroke at the end.

Robert Kitchen
Manager – Nuclear Plant Licensing
Nuclear Plant Development

Enclosure

cc: Hank Higginbotham, SWFWMD (w/ hard copy of analysis report and CD)
Mike Halpin, FDEP - Siting Coordination Office (w/ enclosure on CD)
Doug Bruner, USNRC (w/ enclosure on CD)