NEXTera ENERGY POINT BEACH

October 5, 2010

NRC 2010-0155
GL 83-11

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Point Beach Nuclear Plant, Units 1 and 2
Dockets 50-266 and 50-301
Renewed License Nos. DPR-24 and DPR-27

Point Beach Nuclear Plant
Licensee Qualification for Performing Safety Analysis
Generic Letter 83-11, Supplement 1

Reference: (1) WCAP-11596-P-A, (Proprietary), "Qualification of the PHOENIX-P/ANC Nuclear Design System for Pressurized Water Reactor Cores," June 1988

NextEra Energy Resources, LLC (NextEra) is integrating and consolidating nuclear fuel activities of St. Lucie Units 1 and 2, Turkey Point Units 3 an 4, and Seabrook, with Point Beach Nuclear Plant (PBNP), Units 1 and 2. The NextEra Corporate Fuels group will perform the reload physics analyses for PBNP that were previously performed by Westinghouse Electric Company.

NextEra uses the NRC generically approved Westinghouse PHOENIX-P/ANC Nuclear Design System (APA) methodology (Reference 1) for St. Lucie Units 1 and 2, Turkey Point Units 3 and 4, and Seabrook. The Westinghouse APA methodology for nuclear design is also applicable to PBNP. Section 3.2 of the PBNP Final Safety Analysis Report references this methodology.

NextEra implemented the guidelines in accordance with the requirements of Generic Letter (GL) 83-11, Supplement 1. The documentation of training, qualification and appropriate benchmark calculations is available for NRC review.

Should you have questions, please contact Jay Kabadi, Manager of Nuclear Fuels, at 561/694-3364.

Very truly yours,

NextEra Energy Point Beach, LLC

James Costedio
Licensing Manager

cc: Administrator, Region III, USNRC
Project Manager, Point Beach Nuclear Plant, USNRC
Resident Inspector, Point Beach Nuclear Plant, USNRC