



June 23, 2021
NRC 2021-0028
GL 2004-02

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington D C 20555-0001

RE: Point Beach Nuclear Plant, Units 1 and 2
Docket Nos. 50-266 and 50-301
Renewed Facility Operating Licenses DPR-24 and DPR-27

Generic Letter 2004-02 Containment Sump Debris Transport Calculation Non-Conservatism

References:

1. NextEra Energy Point Beach, LLC, letter, Updated Final Response to NRG Generic Letter 2004-02, December 29, 2017 (ADAMS Accession No. ML17363A253)
2. Public Meeting Regarding Path Forward for Generic Letter 2004-02 Closure for Point Beach Nuclear Plant Units 1 and 2, May 18, 2021 (ADAMS Accession No. ML21125A260)

In Reference 1, NextEra Energy Point Beach, LLC (NextEra) provided an updated final response to Generic Letter (GL) 2004-02, Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors, for the Point Beach Nuclear Plant, Units 1 and 2 (Point Beach). In Reference 2, NextEra notified the NRC of its intent to pursue a risk-informed resolution to GL 2004-02 for Point Beach.

Subsequent to the meeting described in Reference 2, NextEra learned of a non-conservatism in calculations supporting the Reference 1 submittal. Specifically, the non-conservatism involved the modeling of a Containment sump strainer blockage scenario used to determine debris transport to the Point Beach Containment sumps which incorrectly applied the pool fill-up transport fractions for selected debris types, resulting in non-conservative debris quantities. However, the scenario containing the non-conservatism is not the limiting scenario evaluated in Reference 1 and does not affect current capabilities to perform required functions at Point Beach. The issue has been entered into the Point Beach Corrective Action Program (CAP). Moreover, the calculations containing the non-conservatism have been revised and updated debris transport fractions will be presented in the risk-informed resolution to GL 2004-02 proposed in Reference 2.

This letter contains no new regulatory commitments.

Should you have any questions regarding this notification, please contact me at 920-755-7854.



Eric Schultz, Licensing Manager
NextEra Energy Point Beach, LLC

cc: USNRC Regional Administrator, Region III
Project Manager, USNRC, Point Beach Nuclear Plant
Resident Inspector, USNRC, Point Beach Nuclear Plant
Public Service Commission of Wisconsin