

From: [Justin Poole \(He/Him\)](#)
To: [Phillabaum, Jerry](#); [Mack, Jarrett](#); [Mack, Kenneth](#)
Cc: [Hipo Gonzalez](#)
Subject: SEABROOK STATION, UNIT NO. 1 – ACCEPTANCE OF REQUESTED LICENSING ACTION RE: AMENDMENT REQUEST TO REMOVE PERIOD OF APPLICABILITY FROM PRESSURE TEMPERATURE LIMITS AND LOW TEMPERATURE OVER PRESSURE PROTECTION CURVES (EPID L-2023-LLA-0041)
Date: Wednesday, May 31, 2023 4:30:00 PM

SEABROOK STATION, UNIT NO. 1 – ACCEPTANCE OF REQUESTED LICENSING ACTION RE:
AMENDMENT REQUEST TO REMOVE PERIOD OF APPLICABILITY FROM PRESSURE TEMPERATURE
LIMITS AND LOW TEMPERATURE OVER PRESSURE PROTECTION CURVES

By letter dated March 15, 2023, as supplemented by letter dated May 11, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML23074A176 and ML23131A115, respectively), NextEra Energy Seabrook, LLC (the licensee) submitted a license amendment for Seabrook Station, Unit No. 1. The proposed amendment would modify the Seabrook technical specifications by updating the specified period of applicability of 55 effective full-power years to 52.6 effective full-power years from the pressure-temperature limits and low temperature over pressure protection curves. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an application for an amendment to a license (including the technical specifications) [or construction permit] must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

Based on the information provided in your submittal, as supplemented, and discussions during the pre-licensing meeting on February 23, 2022, the NRC staff has estimated that this licensing request will take approximately 220 hours to complete. The NRC staff expects to complete this review by May 31, 2024. If there are emergent complexities or challenges in our review that would cause

changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates, will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the application and they could change, due to several factors including requests for additional information, unanticipated addition of scope to the review, and review by NRC advisory committees or hearing-related activities. Additional delay may occur if the submittal is provided to the NRC in advance or in parallel with industry program initiatives or pilot applications.

If you have any questions, please contact me, at (301) 415-2048 or by email at Justin.Poole@nrc.gov.

*Justin C. Poole
Project Manager
FitzPatrick/Seabrook/NextEra Fleet
NRR/DORL/LPL I
U.S. Nuclear Regulatory Commission
(301)415-2048*