

## **PUBLIC NOTICE**

### **NRC STAFF PROPOSES TO AMEND OPERATING LICENSE FOR THE PEACH BOTTOM ATOMIC POWER STATION, UNIT 2**

The U.S. Nuclear Regulatory Commission (NRC) staff has received an application dated September 21, 2026 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML26264A281), from Constellation Energy Generation, LLC (the licensee), for an exigent license amendment to the subsequent renewed facility operating license for the Peach Bottom Atomic Power Station, Unit 2, located in York County, Pennsylvania.

The proposed amendment would revise the definition of “drain time” in the technical specifications. The change would essentially be a partial adoption of Technical Specification Task Force (TSTF) traveler TSTF-582, Revision 0, “RPV [Reactor Pressure Vessel] WIC [Water Inventory Control] Enhancements,” (ML19240A260), which was approved by the NRC by letter dated August 13, 2020 (ML20219A333).

The license amendment would allow replacement of a recirculation pump motor during the upcoming refueling outage starting in October 2026, in a manner that would reduce collective occupational radiation exposure, industrial safety risk, and outage work complexity. The amendment would eliminate the requirement to install additional temporary seismic restraints and support structures while maintaining adequate controls for reactor vessel inventory protection through existing outage configuration, maintenance, and heavy-load handling controls. The affected recirculation system piping would continue to be controlled in accordance with the applicable station piping stress analyses using temporary supports at existing anchor points and stanchions associated with installed snubbers and restraints. The licensee indicated that the exigency could not be avoided once the impact from installing additional temporary seismic restraints and support structures and the proposed resolution was identified.

The NRC staff reviewed the licensee's proposed no significant hazards consideration determination. The NRC staff is providing notice of the NRC staff's proposed determination of whether a significant hazards consideration is involved. Operation of Peach Bottom Atomic Power Station, Unit 2 in accordance with the proposed amendment will not involve a significant increase in the probability or consequences of an accident previously evaluated. The proposed amendment would revise changes that were incorporated into the plant technical specifications when adopting TSTF-542, Revision 2 (ML17325B708). Draining of RPV water inventory in MODE 4 (i.e., cold shutdown) and MODE 5 (i.e., refueling) is not an accident previously evaluated and, therefore, revising the definition of drain time has no effect on any accident previously evaluated. Therefore, the proposed changes do not involve a significant increase in the probability or consequences of an accident previously evaluated.

The proposed amendment will not create the possibility of a new or different kind of accident from any previously analyzed. The proposed amendment would revise changes that were incorporated into the plant technical specifications when adopting TSTF-542, Revision 2. The change is limited to the revision of the definition of drain time in accordance with TSTF-582, Revision 0. The event of concern under the current requirements and the proposed change is an unexpected draining event. The technical specifications have contained requirements related to an unexpected draining event during shutdown for over 40 years, and this event does not appear as an analyzed event in the updated final safety analysis report (UFSAR) for any plant or in the NRC's Standard Review Plan (NUREG-0800, <https://www.nrc.gov/regulations-legislation/nureg-series-publications/publications-prepared-by-nrc-staff/nureg-0800>, or ML052340534). Therefore, an unexpected draining event is not a new or different kind of accident not considered in the design and licensing bases that would have been considered a design basis accident in the UFSAR had it been previously identified. Therefore, the proposed changes do not create the possibility of a new or different kind of accident from any previously evaluated.

The proposed amendment will not involve a significant reduction in a margin of safety. The proposed amendment would revise changes that were incorporated into the plant TS when adopting TSTF-542, Revision 2. The proposed changes do not affect any specific values that define a safety margin as established in the licensing basis. The proposed changes do not affect a design basis or safety limit, or any controlling value for a parameter established in the UFSAR (ML25258A104) or the license. Therefore, the proposed changes do not involve a significant reduction in a margin of safety.

Following an initial review of this application, the requested amendments have been evaluated against the standards in Section 50.92, "Issuance of amendment," of Title 10 of the *Code of Federal Regulations* (CFR), and the NRC staff has made a proposed (preliminary) determination that the requested amendment involves no significant hazards consideration. The changes do not significantly increase the probability or consequences of any accident previously considered, nor create the possibility of an accident of a different kind, nor significantly decrease any margin of safety.

If the proposed determination that the requested license amendment involves no significant hazards consideration becomes final, then the NRC staff will issue the amendment without first offering an opportunity for a public hearing. An opportunity for a hearing will be published in the *Federal Register* at a later date, and any hearing request will not delay the effective date of the amendment.

If the staff decides in its final determination that the amendment does involve a significant hazards consideration, then a notice of opportunity for a prior hearing will be published in the *Federal Register* and, if a hearing is granted, it will be held before the amendment is issued.

Comments on the proposed determination of no significant hazards consideration may be (1) telephoned to Audrey Klett, Senior Project Manager, Operating Reactor Licensing Branch 1, at 301-415-0489, (2) e-mailed to [Audrey.Klett@nrc.gov](mailto:Audrey.Klett@nrc.gov), or (3) submitted in writing to Office of

Nuclear Material Safety and Safeguards, Mail Stop: TWFN-5-A85, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, ATTN: Guidance and Publications Branch. All comments must be received by 4:15 p.m. Eastern Time (ET) on October 7, 2026. A copy of the application may be examined electronically through the NRC's Agencywide Documents Access and Management System (ADAMS) in the NRC Library at <https://www.nrc.gov/reading-rm/adams.html> and at the Commission's Public Document Room (PDR) in Rockville, Maryland by appointment. To begin a search in ADAMS, select "Begin ADAMS Public Search." Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, or who wish to make an appointment to visit the PDR, should please send an email to [PDR.resource@nrc.gov](mailto:PDR.resource@nrc.gov) or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. ET, Monday through Friday, except Federal holidays.