



# Peach Bottom Atomic Power Station Unit 1

## License Amendment Request

*NRC Pre-Submittal Meeting  
6/29/2023*

# Peach Bottom Unit 1 - Current Status

- 1<sup>st</sup> High Temperature Gas Reactor (HTGR) prototype under the Atomic Energy Commission.
- 200 MWt/40 MWe, helium cooled, graphite moderated.
- Operated 1967-1974.
- Decommissioning activities performed by Feb. 1978 to achieve SAFSTOR.
- PB Unit 1 continues to be maintained in SAFSTOR
- License expiration date (October 2034)

## PB Unit 1 (DPR-12):

- Possession only license, as amended thru Amendment 17
- Decommissioning Plan as approved in 1974

# Peach Bottom Unit 1 - Planned Submittal

License Amendment Request for DPR-12 planned for 2023:

- Amend License condition(s) and Technical Specifications (TS) which preclude decommissioning activities without prior NRC approval.
  - License Condition C.(1) stipulates that “...shall not dismantle or dispose of the facility without prior approval from the NRC.”
  - TS Section 1.0 stipulates that “...The only activity carried on within the Exclusion Area shall be routine and emergency inspections and maintenance....”
- Amend License/TS to follow Post-Shutdown Decommissioning Activities Report (PSDAR) process per 10CFR50.82 using Regulatory Guide 1.185.
- Amend controls associated with ‘Exclusion Area’ to PSDAR, procedure(s), and/or program(s) controls per 10 CFR 50.59 and 10 CFR 50.82, as applicable.

# Discussion/Questions?