

# **NRC Public Meeting**

# **Pilgrim Nuclear Power Station**

## **Holtec Post-Shutdown Activities Report**

January 15, 2019

# Introductions



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# Holtec DECON PSDAR



- Holtec submittal of a Revised Post-Shutdown Activities Report (PSDAR) based on accelerating the initiation of Prompt DECON
  - ✓ Description of planned activities
  - ✓ Planned DECON Decommissioning Schedule
  - ✓ Decommissioning Cost Estimate reflecting DECON plan
  - ✓ Discussion of Environmental Impacts
- PSDAR prepared in accordance with NRC regulations and addresses NRC guidance
- Prepared by an experienced team
- Contingent upon NRC approval of the License Transfer and sale closure
- Informed by a review of other PSDAR submittals to the NRC

# Holtec DECON PSDAR (continued)



- DECON PSDAR reflects Holtec's Plan to accelerate decommissioning activities following license transfer and sale closure
  - ✓ Schedule reflects Holtec project goal to achieve Partial Site Release within 8 years
  - ✓ Decommissioning Cost Estimate reflects DECON activities and schedule
  - ✓ Environmental Impact Evaluation considers DECON activities
  - ✓ Key differences in cost estimates
    - Core business of Holtec team including CDI is managing spent fuel and decommissioning, enabling improved cost- and time-effective decommissioning
    - DECON plan eliminates the costs to transition to dormant state and maintain the plant during dormancy

# Key Schedule Assumptions

- Initiation of Decontamination & Dismantlement in 2019
- New ISFSI Pad completed by 2020
- Off-Loading of Spent Fuel Pool (Wet to Dry) by 4<sup>th</sup> Quarter 2021
- DOE Completes Spent Fuel Removal by 2062
- Current schedule shows radiological decommissioning complete (except for ISFSI) within approximately 5 years of license transfer and sale closure
- Site Restoration approximately 1 year beyond completion of radiological decommissioning

# Key DCE Assumptions

- Holtec Revised DCE is ~\$1.134 Billion in 2018 dollars
- Nuclear Decommissioning Trust (NDT) Fund is currently \$1.05 Billion (as of October 31, 2018)
- Cash Flow analysis demonstrates that the Pilgrim NDT contains sufficient funds to cover estimates for radiological decommissioning, spent fuel management and site restoration
- Pursuant to NRC regulations Holtec will be required to prepare and submit an annual report that provides the NDT status
  - ✓ This report is made public

# Thank You