



UAMPS

Utah Associated Municipal Power Systems



SMARTENERGY

**CARBON FREE POWER PROJECT UPDATE
JANUARY 2022**

NUSCALE UPDATE

Licensing & NRC Engagement In Progress

Standard Plant Design (SPD)

- Finished Detailed Model Review of Reactor Building
- Completed key supply chain DOE Milestones

Standard Design Approval Application (SDA)

- SDA on track for late Q4 2022 submittal to support COLA schedule

NuScale Operations

- Completed DOE Milestone for Training Program Administration Manual
- Operational Program Development on Track

CLASS 3 ESTIMATE UPDATE

Class 3 Estimate In Development

- Comment resolution ongoing for Basic Engineering Design Data Document
- Updating CFPP Plot Plan
- Area Labor Market Analysis Report in Review
- Issued Site Specific Design Criteria for Civil and Structural for Review
- Issued Construction Temporary Facilities Layout for Review
- Issued Electrical Heat Tracing Specification for Review
- Procurement and Contracts Solicitation of Budgetary Quotes In Process
- Development of Level 2 EPC Schedule Underway

Slightly Behind Schedule & Slightly Under Budget

Projecting Completion On or Ahead of Schedule

Combined License Application (COLA) continues to make progress on COLA development activities

Initiated development of several sections of the COLA and the first draft section of the COLA was submitted for review on January 14

Interface with the Idaho National Laboratory (INL) Team to obtain data and documents needed for the COLA is progressing as planned

Slightly Ahead of Schedule & Slightly Under Budget

Projecting Completion On Schedule

COLA DEVELOPMENT

CFPP SITE STATUS, SAFETY & COVID UPDATE

- 15-20 Workers on Site - Depending on Activities
- Zero Recordable Injuries
 - Safety Briefings Occurring Daily
- No New COVID Issues
- Winter Weather Impacted Production in December
 - Ice & Snow is impacting travel to site and work on site



Shift 7: Well Drilling

COLA SITE INVESTIGATIONS

Well Drilling Complete!

- Well Completion was finished on January 12, 2022
- All Subsurface Drilling Complete

Field Investigation Completion Plan:

- Well development and pumping tests
- Widening of site access roadway apron at Highway 33
- Movement of cores from CFPP site to USGS facility
- Perform PS-Suspension Testing on four boring holes (February)
 - Measures compressional and shear wave velocities for seismic analysis
- Seismic reflection surveys (March)
- De-mobilization of personnel and equipment

ENGINEERING SUPPORT OF COLA

- Baseline Execution Plan Complete
- Engineering Team supporting Nuclear Island inputs
- Ongoing engagement with COLA team to ensure need dates are supported



Site on January 6, 2022 – Site Assessment for Emergency Preparedness COLA Plan

(Locations of Key Bore Holes and Wells noted above)

NRC LICENSING & DOE UPDATE

- Scott Head, Licensing & Regulatory Manager added to CFPP Team
 - Experienced in COLA Development and NRC Interactions
 - Engaging with NuScale, Fluor and NRC
- CFPP and DOE INL Probabilistic Seismic Hazards Analysis (PSHA) and Volcanic Hazards Analysis (VHA) Coordination Underway
 - Data being shared to ensure thorough and consistent approach and analysis

OPERATOR UPDATE

- Term Sheet executed with operator
- Press release announcing the operator's name is being reviewed by DOE and is expected to be released in the near future
- Progress made on the CFPP Operational Model Optimization Plan
- Development of M&O contract underway

UPCOMING ACTIVITIES

- Continuing estimate & COLA Development
- Completing site field investigation activities
- Working to develop contracts
 - Original Equipment Manufacturer (OEM) - NuScale
 - Engineering, Procurement & Construction (EPC) – Fluor
 - Maintenance & Operations (M&O) - Operator

SUBSCRIPTION UPDATE

- Transmission to BPA Northwest
 - Transmission availability, paths and cost are most significant barrier for NW utility participation in CFPP
 - UAMPS filed “today” Transmission Service Requests from CFPP to BPA at Longhorn with both PAC and IPCo
 - Collaborating with two LOI utilities on transmission solutions
 - Continuing to explore potential exchange opportunities

NUSCALE FACILITY TOUR

- NuScale/UAMPS Presentations and Tour on Jan 6-7
 - Well attended; 10 utilities and TEA
 - 5 utilities from NW with express interest participated
 - Engagement and tour a success
- Update on LOI parties' due diligence