



CARBON FREE POWER PROJECT UPDATE MARCH 2022

SIGNIFICANT ACCOMPLISHMENTS

- UAMPS & Xcel Agreements
 - Term Sheet - Press Release - March 2, 2022
 - Previously Discussed in January PMC Update
 - UAMPS and Xcel Energy Nuclear Services Holdings (Xcel)
 - Outlines process, roles and next steps for Xcel to become the CFPP operator
 - Master Services Agreement (MSA) - Signed – March 4, 2022
 - Xcel to provide consulting services and assistance to support pre-maintenance and operations of the CFPP

NUSCALE UPDATE

- Licensing & NRC Engagement Continues
 - NRC Leadership discussion rescheduled for March 22-24
 - Attendees: CFPP, NuScale, NRC, DOE, Fluor
 - Three Topical Reports are in NRC review/request for information phase
 - A Subchannel analysis topical was not accepted, but NuScale is revising. No issues expected.
 - Emergency Planning Zone Topical will be reviewed in detail with CFPP at March meeting
- Standard Design Approval Application (SDA)
 - SDA on track for late Q4 2022 submittal to support COLA schedule
- Standard Plant Design (SPD)
 - Material Take Offs & other documents from SPD and NuScale equipment provided to Fluor for Class 3 Estimate
 - SPD project completion planned Q3 2022
- NuScale Operations
 - Operational Support Task Order proposal being finalized
 - Operational Program Development on Track

CLASS 3 ESTIMATE UPDATE

- Class 3 Estimate (-20% / +30%) In Development
 - Site Specific Engineering items that are essential to PCE3 are complete
 - Team review of preliminary MTO Reports from Standard Plant Design Project are complete
 - Remaining MTO Reports for site specific content due to complete in March
 - Procurement and Contracts have issued all requests for budgetary pricing input to market
 - 116 packages
 - Engineering preparing technical assessments of market responses
 - Procurement and Contracts developing associated commercial tabulations for Project Management review and input to Estimating
 - Construction Management team developing input to indirect field cost portion of PCE, such as site staffing plans and temporary facility plans
 - Entire team collaborating on development of home office cost input to the PCE
- The Class 3 Estimate is slightly behind schedule & slightly under budget. There are no activities challenging the completion of the estimate on schedule.
 - CFPP is overseeing progress, and engaging in oversight/review activities
 - Staffing has ramped up over the past two months. Focusing on priority activities.
- Projecting completion per the Baseline Schedule, ahead of contractual completion date

CLASS 3 ESTIMATE UPDATE

- Owner Scope Class 3 Estimate Development is on track and includes the following
 - Water to the Site / Water Rights
 - Wastewater Treatment
 - Zero Liquid Discharge (ZLD)
 - Security Facilities
 - Administration Building
 - Warehouse
 - Fire Station
 - Raw Water Enclosure
 - Transmission
- These will be combined with the Fluor developed estimates into one overall CFPP Class 3 Estimate

COLA DEVELOPMENT

- The Task Order (TO) #4 Combined License Application (COLA) Project continued to make good progress in the month of February.
- Development activities continue to grow on key Parts of the COLA including:
 - Final Safety Analysis Report (FSAR – Part 2)
 - Environmental Report (ER – Part 3)
 - Emergency Plan (EP – Part 5)
- COLA progress is ahead of schedule and under budget

COLA DEVELOPMENT (CONT)

- Progress is being made on the development of a path forward for a Limited Work Authorization (LWA)
 - Use of an LWA can allow select site preparation/construction work to start ahead of the NRC approval of the COLA
 - CFPP is evaluating options, approaches, cost and schedule
 - Potential for integration into the COLA Project
- Plans will be finalized in March for additional ecological and cultural surveys at the CFPP Site to fill “gaps” in the data being provided by the INL BEA Team

COLA SITE FIELD INVESTIGATIONS

- **Field Work Status:**
 - No recordable or lost time injuries during field investigation activities to date
 - Demobilized field personnel from site Feb. 17, 2022
 - Remaining equipment and materials were consolidated into CFPP Administration Area for use in April 2022
 - Continued meteorological data collection as planned
- **Planned Spring Activities (April):**
 - Perform PS-Suspension Testing on four boring holes
 - Measures compressional and shear wave velocity for seismic analysis
 - Seismic reflection survey
 - Soil resistivity testing
 - Perform Met. Tower lowering for calibration and maintenance
 - Perform installation of culvert extension at intersection of T-11 to Highway 33



CFPP Core Material Sample Preparation at INL for Paleomagnetic Analysis (3/3/22)

COLA SITE FIELD INVESTIGATIONS – SPRING 2022

- Preliminary Plans
 - NEPA/Cultural Resource Surveys: April 14-16
 - Resistivity Testing: April 18-29
 - Culvert Widening: April 18-21
 - MW-05B Well Bollards: April 22-23
 - PS Suspension Testing: April 18-30
 - Met Tower Calibrations: April 18-21
 - Groundwater Sampling: April 18-21
 - Reflection Testing: April 27-May 10

NRC LICENSING & DOE UPDATE

- NRC Monthly Meetings on the COLA have started between the CFPP COLA Licensing Team and the NRC Project Management Team
- NRC/DOE Meeting with CFPP, Fluor and NuScale March 22-24 - Corvallis
- Interface with the Idaho National Laboratory (INL) Team to obtain data and documents needed for the COLA continues in an efficient manner
- The transfer of CFPP critical data to the INL PSHA SSHAC Team was completed in February 2022
 - Additional information will be transferred to the INL PSHA Team as requested
 - The CFPP Project is working with DOE to manage changes/delays in the INL PSHA schedule for SSHAC data output to the COLA Team

UPCOMING ACTIVITIES

- Class 3 Estimate Reviews in Fluor Offices
- COLA Development and Geotechnical Analysis Continues
- Xcel MSA Task Order Kick-Off Meeting this Week
- Continuing to Develop Contracts
 - Original Equipment Manufacturer (OEM) - NuScale
 - Engineering, Procurement & Construction (EPC) – Fluor
 - Maintenance & Operations (M&O) - Xcel

SUBSCRIPTION UPDATE

- Clark Public Utilities
 - Remain supportive and interested in Project
 - Concerns with Washington statutes regarding participation in joint ventures for generation projects
 - Participation on hold
- Grant Co PUD
 - Continuing progress on due diligence and focus on transmission and participation through Development Coordination Agreement
 - Meeting to be scheduled soon
- Other WA PUD's considering LOIs
- NuScale event in May
 - NRU: 17 members attending NuScale tour and briefing in Corvallis on May 2 and 3
 - Emerald PUD board member attending on May 3 and 4
- Transmission
 - Discussion tomorrow in Pool PMC