

## Award Fee Evaluation Period 5 Determination Scorecard

Contractor: Four Rivers Nuclear Partnership, LLC (FRNP)

Contract: DE-EM0004895

Award Fee Evaluation Period: Period 5, Fiscal Year (FY) 2023 (October 1, 2022 – September 30, 2023)

Basis of Evaluation: Performance Evaluation and Measurement Plan for Four Rivers Nuclear Partnership, LLC

Categories of Performance: Subjective: **\$3,660,538**







PBI: **\$5,007,895**

Award Fee Available: **\$8,668,433**

Award Fee Earned: **\$ 7,982,082 (92%)**

### Categories of Performance

Subjective Fee Available \$3,660,538

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|--|--|
| 1. Quality (20%):                            |  Very Good |
| 2. Schedule (15%):                           |  Very Good |
| 3. Cost Control (20%):                       |  Good      |
| 4. Management (15%):                         |  Good      |
| 5. Regulatory Compliance (15%):              |  Very Good |
| 6. Implementation of Business Systems (15%): |  Excellent |

The overall fee awarded is: **\$2,974,187**

**Quality:** FRNP exceeded many of the significant award-fee criteria. The Contractor Assurance System is effectively implemented. Successfully deployed the robotic pipe crawler to obtain qualitative data within process gas piping by performing visually-assisted gamma scans. An on-site water plant upgrade replaced water pumps with a more efficient model, conserving one million gallons of treated water per day and reducing electricity usage by 63%. The Sustainability Performance Office recognized the reduction in chemicals, electricity, water volume, and cost by selecting the project to receive a 2023 DOE Sustainability Honorable Mention Certificate for Outstanding Sustainability Program/Project. Contract deliverables met requirements. Several regulatory deliverables were of such high quality that they received quick review/approval by regulators. FRNP policies, plans, and procedures were generally effective.

**Schedule:** Overall contract schedule performance was 0.99 for both discrete and level of effort activities in 2023. The overall schedule performance was favorably impacted by a replan of activities and the implementation of multiple change requests. Deliverables were submitted on or ahead of schedule. All 146 regulatory submittals were submitted on or ahead of schedule. Over delivered on two incentivized projects: 1. Incentivized to demolish 16 small structures on the Paducah Site and used money saved on the project to demolish a 17th structure; 2. Incentivized to abate degraded asbestos insulation on exterior steam piping to avoid future releases to the environment. Completed the project as required, and removed an additional 2,000 linear feet of out-of-service piping by utilizing additional available crews. Reduced the oil storage capacity to less than one million gallons, which eliminated the need for a Facility Response Plan. Completed construction of the C-333 Material Sizing Area and Contractor Readiness Assessments for both the C-333 Material Sizing Area and the C-720-C Converter Bundle Size Reduction Area.

**Cost Control:** FRNP exceeded some of the significant award-fee criteria. The overall cost performance was 0.87 at the beginning of FY23 and concluded with 0.93, which includes both discrete and level of effort activities. The improvement in cost performance is primarily attributed to an agreed upon replan of activities. However, multiple change requests were submitted to correct errors/omissions from replanned activities. Following change request implementation, costs remain over budget with an unfavorable cumulative contract cost overrun.

**Management:** Exceeded some of the significant award-fee criteria. By the end of FY23, FRNP accumulated over 1.1M safe work hours. The FY23 TRC and DART rates finished below the DOE EM targets with a TRC rate of 0.53 and a DART rate of 0.21. FRNP replaced two key personnel: the Deputy Program Manager and the S&D Director. FRNP Management initiated several workforce development programs, both internally and within the community, that will support the Site's mission. FRNP Management continued initiatives to integrate with the Portsmouth Team and leverage lessons learned. Fire Services personnel responded to 130 requests for mutual aid, providing valuable assistance to the surrounding community. Additionally, the Insurance Services Office performed an audit of the West McCracken Fire District, which credited the FRNP Fire Services' quick response time, training, and performance in mitigating structure fires and resulted in an improved overall score. This improved score benefits the entire community in the form of lower home insurance rates. There was an increase in Incidents of Security Concern throughout FY23. FRNP formed a Root Cause Analysis Team, which generated multiple corrective actions that are being implemented. In addition, several Conduct of Operations related events occurred. FRNP implemented a Con Op Improvement Plan that focuses on training, setting expectations, performance monitoring, and continuous improvement.

**Regulatory Compliance:** Exceeded many of the significant award-fee criteria. Worked closely with the FFA parties to develop the FY23 annual revision to the Paducah Site Management Plan. FRNP submitted the C-400 Remedial Investigation/Feasibility Study report as scheduled. Additionally, the SWMU 211-A enhanced in-situ bioremediation remedial action was completed ahead of the regulatory schedule. Following completion of the fieldwork, the draft Interim Remedial Action Completion Report (IRACR) was submitted ahead of the enforceable milestone date and received regulatory approval such that a final IRACR was not required. FRNP developed the consultation packages, led the consultation meetings, and obtained Regulator concurrence to demolish the above-grade cooling tower facilities and associated facilities including the pump houses, outside of CERCLA and the FFA. FRNP worked closely with DOE to develop a new strategy that reduces costs and accelerates cleanup of the Paducah site. FRNP worked proactively with DOE to develop the FY24 annual revision to the Paducah SMP, which reflects the new strategy.

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*Implementation of Business Systems:* Exceeded almost all of the significant award-fee criteria. FRNP awarded 64% of their total procurements to small businesses, exceeding their 50% goal. Small business awards amounted to over \$40M during FY23. The EMCBC was able to receive swift approval for the FY23 forward pricing rates due to the excellent quality of the contractor submittal. Provided accurate and complete invoices in a timely manner with no issues regarding unallowable items or costs invoices. Received verbal notification from the DCAA that no issues were identified with the FY21 incurred cost submittal. This is the fourth consecutive year that FRNP has completed the DCAA audit without any issues. The Procurement Evaluation Re-engineering Team also reviewed FRNP's procurement system. FRNP expects zero findings and seventeen strengths. FRNP is compliant with the Buy American Act and performed extensive research to find vendors who can meet the new Standards, even for hard to find products. FRNP once again received all "greens" on the Facilities Information Management System audit. FRNP maintains compliance with all applicable labor statutes. FRNP worked closely with DOE to submit an Assisting Federal Facilities with Energy Conservation Technologies grant application to assist with long-term housing needs for personnel at the Paducah site.

### Performance-Based Incentives

Performance Based Incentive Fee Available: \$5,007,895

#### **Base Operations and Remediation**

**PBI 0201-A** - Optimize and reduce Surveillance and Maintenance costs by Disposition of excess trailers, sheds, and other structures. ● Met (100%)

**PBI 0201-B** - Implement and sustain a safe, secure, and effective work environment that is protective of the workers, the public, and the environment by: Completing fieldwork activities associated with the approved SWMU 211-A Enhanced In Situ Bioremediation Remedial Action Work Plan; Disposition of exterior asbestos containing material insulation; Modifying the C-611 and C-615 disinfection systems to eliminate the use of chlorine gas; and Updating the Paducah Gaseous Diffusion Plant Sitewide Groundwater Flow Model. ● Met (100%)

#### **Stabilization and Deactivation**

**PBI 0205-A** - Support Stabilization and Deactivation of the C-333/C-333A process facility by: Removal and disposition of remaining asbestos cell housing panels and Characterize and Deactivate Surge Drums. ● Met (100%)

**Performance-Based Incentive Fee Earned:** The overall fee awarded based on completion of PBI activities is: **\$5,007,895**