

## Award Fee Evaluation Period 3 Determination Scorecard

Contractor: Fluor-BWXT Portsmouth LLC  
Contract: DE-AC30-10CC40017



Award Fee Evaluation Period: Fiscal Year 2019 (October 1, 2018 to September 30, 2019)  
Basis of Evaluation: Performance Evaluation and Measurement Plan for Fluor-BWXT Portsmouth LLC  
Categories of Performance: Subjective \$6,683,205 PBI: \$15,594,145  
Award Fee Available: \$22,277,350 **Award Fee Earned: \$19,203,075.70 (86.2%)**

---

---

### Categories of Performance (Subjective)

Subjective Fee Available: \$6,683,205

- |  |   |                   |
|--|---|-------------------|
| 1. Quality and Effectiveness Performing the DOE Contract to include Project Management (60%) (CP-1): |  | Very Good (90%)   |
| 2. Quality and Effectiveness in Performing ESH&Q & Regulatory (40%) (CP-2):                          |  | Satisfactory (0%) |









The overall fee awarded based on these grades is: \$3,608,930.70

*Quality and Effectiveness Performing the DOE Contract to include Project Management:* The contractor has exceeded many of the significant award fee criteria and has met or exceeded the overall cost, schedule and technical performance requirements of the contract in the aggregate. The contractor was appropriately and successfully focused on the Department's goal to simultaneously accelerate the On-Site Waste Disposal Facility (OSWDF) construction, building demolition, and engineered soil excavation activities at the site to achieve first waste placement in FY20. Completed 39 of 54 contract milestones on time within the period, an additional seven were completed within the period, but late, and eight were not completed within the period. The schedule performance index for the period was 1.21, and the cost performance index was 0.90. Delivered excellent performance in advancing the OSWDF during the period. FBP was focused toward initiating the demolition of the X-326 uranium enrichment building and the disposal of the waste/debris from the demolition. The demolition of the building requires an integrated effort on many fronts. Performed well in supporting the demolition Integrated Project Team in preparing for the demolition of the X-326 building. FBP is making significant progress in deactivating the X-333 uranium enrichment building. FBP has exceeded expectations in standing up operations in the Material Sizing Area (MSA) within the X-333. The performance of the X-333 Large Component Assay System (LCAS) system has gone very well. This system was well conceived, and purpose built and has exceeded expectations in operability and reliability. Continued to support the site facilities and infrastructure as the D&D work proceeds. The contractor has enabled X-740 and Five Unit excavations through relocating utilities in advance of the excavation projects. The waste management function remains a strength of FBP. The project remains one of the most active shippers of low-level waste in the DOE complex. The Nuclear Operations function is also a strength of FBP. The contractor continues to perform exacting uranium management and transfer operations. The site rail system experienced a number of soil slumps in FY18 and FY19 due to excessive rainfall. FBP competently performed the repairs in an acceptable timeframe allowing rail service to be restored and used by the depleted uranium hexafluoride (DUF6) facility for shipping. FBP participated with DOE and the infrastructure contractor to develop a security program in compliance with DOE Order 470.3C, Design Basis Threat. The Portsmouth site is the first site in the complex to implement this order. FBP has performed well in working with the community, education and community outreach activities such as the Science Bowl, Science Alliance, Student Annual Site Evaluation Report (ASER), Open Houses, and public tours continue to expand and improve each year. The Department remains disappointed with FBP's performance in managing the completion of deactivation of the X-326 building. DOE is concerned about the delay in FBP receiving DOE certification for EVMS. The EVMS certification is a requirement for capital asset projects in order to assure that performance is correctly measured and tracked.

*Quality and Effectiveness in Performing ESH&Q & Regulatory:* The contractor has met overall cost, schedule, and technical performance requirements of the contract in the aggregate. FBP has performed well in consistently emphasizing safety and developing programs such as Safer Together that support safe practices. The safety indices for both Total Recordable Cases (TRCs) and Days Away or Restricted/Transferred (DARTs) were maintained below EM targets for the period. FBP self-identified several issues related to the effectiveness of their Software Quality Assurance Program including failure to complete bioassays for 193 individuals (resulting in a Price Anderson Amendment Act violation), and a software program used to develop dose assessments that resulted in erroneous reporting in the Annual Site Environmental Report and NESHAPS annual reports. Completed 388 UE5 packages for release of material from DOE control in FY19. While the Department is frustrated with the delays in developing the air modeling report for the site, FBP is providing timely coordination efforts in developing an integrated and independent ambient air monitoring program between Ohio EPA, the Ohio Department of Health, and DOE. Multiple meetings and technical supporting documentation have aided in discussions on locations of ambient air monitors, procuring equipment, defining sampling/analysis frequency, and data management/reporting. This has all been accomplished in a relatively short timeframe. FBP has managed most of this effort with little support from DOE. Progress continues to be made to establish PORTS integrated and independent ambient air monitoring program between Ohio EPA and the Ohio Department of Health. Five Notices of Violation (NOVs) were issued to FBP in FY19.

### Performance Based Incentives

Performance Based Incentive Fee Available: \$15,594,145

PBI 3.1 – X-611B Modification Complete (15%)		Met (100%)
PBI 3.2 – FY19 Nuclear Operations Activities (5%)		Met (100%)
PBI 3.3 – FY19 Waste Management (5%)		Met (100%)
PBI 3.4 – X-333 Converter Segmentation – 175 Complete (20%)		Met (100%)
PBI 3.5 – X-333 Compressors – 300 Complete (15%)		Met (100%)
PBI 3.6 – X-326 Bulk ACM Removal Complete (10%)		Met (100%)
PBI 3.7 – X-530 & ACP HV Substation Design Complete (10%)		Met (100%)
PBI 3.8 – OSWDF Cell 1 Bowl Excavation Complete (20%)		Met (100%)

Performance Based Incentive Fee Earned: The overall fee awarded based on completion of the PBI activities is: \$15,594,145.