

## Award Fee Evaluation Period 5 Determination Scorecard

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

Award Fee Evaluation Period: Fiscal Year 2021B/2022A (March 29, 2021 to March 28, 2022)

Basis of Evaluation: Performance Evaluation and Measurement Plan for Fluor-BWXT Portsmouth LLC

Categories of Performance: Subjective \$6,636,729 PBI: \$15,485,700

Award Fee Available: \$22,122,429



**Award Fee Earned: \$16,627,133 (~75%)**

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### Categories of Performance (Subjective)

Subjective Fee Available: \$6,636,729

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| 1. Quality and Effectiveness Performing the DOE Contract to include Project Management (60%) (CP-1): |  Very Good (88%) |
| 2. Quality and Effectiveness in Performing ESH&Q & Regulatory (40%) (CP-2):                          |  Good (72%)      |

The overall fee awarded based on these grades is: **(\$5,400,000)**

**Quality and Effectiveness Performing the DOE Contract to include Project Management:** The contractor exceeded many award fee criteria, demonstrating effective management and exceeding contractual requirements to accelerate progress on key mission priorities to the Government's benefit. Areas of deficiency and minor problems were satisfactorily remedied and were more than offset by areas of above satisfactory performance. Fluor-BWXT Portsmouth LLC (FBP) did an outstanding job delivering on Department of Energy (DOE) priorities in fieldwork execution in the performance period. Notable activities included: initial startup and operation of three modular water treatment systems at three locations; start-up and operation of a (unique in the DOE complex) seven acre water detention system to support demolition; initiated demolition of a 29 acre uranium enrichment process building (X-326); initiated excavation of contaminated soils to provide engineered fill for demolition debris; initiated large scale hauling of demolition debris and engineered fill from the industrial site area to an On-Site Waste Disposal Facility (OSWDF); initiated demolition debris and engineered fill placement in the OSWDF; completed construction of two waste cells in the OSWDF; and performed early construction work on three future waste cells for the OSWDF. The safety record for each of these projects at Portsmouth was very good. In May 2021, all of the systems had demonstrated readiness and the FBP team began structural demolition of the X-326, initiated excavation of contaminated soils for engineered fill, began shipping debris and soils to the OSWDF, and began waste placement operations. FBP coordinated and established a program that was able to simultaneously stand-up multiple complicated and interdependent functions for the Portsmouth cleanup mission.

The FBP excellence in these DOE priority areas is counter-balanced to a degree by noted weaknesses in the performance period. The chief example of this is the ongoing persistent weaknesses in planning for and establishing characterization criteria and then executing and managing the characterization work for buildings undergoing deactivation. This issue has increased cost and caused delays in the performance period.












**Quality and Effectiveness in Performing ESH&Q & Regulatory:** The contractor exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate. Areas of good performance outweigh deficiencies and problems. The contractor continues to successfully implement corrective actions. FBP has consistently emphasized safety in communication and actions. The priority projects that were initiated in 2021 have been implemented with discipline and have had uniformly good safety records. FBP has been effective in implementing and maintaining a project that has enabled the Ohio Environmental Protection Agency and the Ohio Department of Health to independently operate On Site Air Monitoring Stations that are controlled and operated by the regulators and co-located with DOE operated air monitoring stations.

DOE Readiness Reviews were conducted prior to the start of the X-326 Demolition and OSWDF Operations, and issues identified were handled expeditiously. FBP effectively stood up the Waste Acceptance Organization to support demolition and waste placement.

Programmatic weaknesses in Environmental Protection, Radiation Protection, and Nuclear Material Control & Accountability were identified during this period and despite the consistent emphasis on safety, there were safety incidents in the first quarter of Calendar Year 2022. These events prompted FBP to conduct a top to bottom review of the projects and procedures to ascertain the problem and implement corrections.

### Performance Based Incentives

Performance Based Incentive Fee Available: \$15,485,700

PBI 5.1 – X-333 Demolition Design Plan (10%)	 Partially Met (20%)
PBI 5.2 – Maintain Cylinder Processing in X-344 and X-342 Complex (5%)	 Met (100%)
PBI 5.3 – X-333 Converter Segmentation - (10%)	 Partially Met (50%)
PBI 5.4 – X-326 Demolition – Start Structural Demolition (15%)	 Met (100%)
PBI 5.5 – OSWDF Cell 4 and 5 Liner Complete (15%)	 Met (100%)
PBI 5.6 – OSWDF Cell 1 Operations (10%)	 Met (100%)
PBI 5.7 – OSWDF CAP 2 Sediment Pond 1B Construction Complete (10%)	 Partially Met (10%)
PBI 5.8 – X-231B Soil Excavation Start (5%)	 90% PBI Date Met (90%)
PBI 5.9 – X-740 Plume Excavation Start (5%)	 Met (100%)
PBI 5.10 – Maintain Water Level in X-611B Lime Sludge Pond (10%)	 Partially Met (50%)
PBI 5.11 – X-555/X-5000 Switchyard Modification Long Lead Time Procurements Issued (5%)	 Met (100%)

Performance Based Incentive Fee Earned: The overall fee awarded based on completion of the PBI activities is: **\$11,227,133.**