



**Department of Energy**  
Office of Science  
Washington, DC 20585

May 6, 2024

Dr. Steven Cowley  
Director  
Princeton Plasma Physics Laboratory  
100 Stellerator Road  
Princeton, New Jersey 08540

Dear Dr. Cowley:

It is a pleasure to inform you that Princeton University (PU) at the Department of Energy (DOE) Princeton Plasma Physics Laboratory (PPPL) has successfully completed the DOE Earned Value Management System (EVMS) Acceptance Review process. As a result of the independent surveillance review conducted and the corrective actions taken by PU-PPPL, it has been determined that the EVMS meets the requirements of the Electrical Industries Alliance (EIA)-748.

To verify EVMS compliance, an independent surveillance/EVMS acceptance review was conducted at PPPL on December 12-14, 2023. The three-day surveillance review took place virtually via Zoom meetings organized by PPPL.

During the review, the surveillance committee identified nine Corrective Action Requests (CAR) and five Continuous Improvement Opportunities\* (CIO\*). CIO\*'s are not strict requirements but would improve the EVMS system and require a corrective action plan.

*Corrective Action Requests (CARs)*

- CAR-01 Work Breakdown Structure (WBS) Structural Improvements
- CAR-02 Process for Authorization of Work
- CAR-03 Period of Performance Data Reconciliation
- CAR-04 Schedule Quality Improvements
- CAR-05 Improved Corrective Action Quality and Tracking Needed
- CAR-06 Variance Analysis Quality Needs Improvement
- CAR-07 Freeze Period Utilization and Authorization
- CAR-08 Baseline Change Proposal (BCP) Documentation Quality and Consistency
- CAR-09 Inadequate BCP Data Integrity

*Continuous Improvement Opportunities (CIOs\*)*

- CIO-01\* Project Controls Organization Improvements
- CIO-02\* Control Account Closing Process
- CIO-03\* Control Account Ownership
- CIO-04\* Level of Effort (LOE) in System Description
- CIO-05\* Quantifiable Backup Data (QBD) in System Description

PU-PPPL provided a Corrective Action Plan to address the CARs and CIOs\*. The actions proposed and undertaken by PU-PPPL in the Corrective Action Plan are acceptable. However, the number of CARs and CIO\*s is higher than what is typically reported during EVMS Surveillance Reviews. To ensure that PU-PPPL is diligently working towards closing all open CARs and CIO\*s and implementation of the same, OPA will plan to observe the next annual PU-PPPL EVMS Review (“Annual Review”). PU-PPPL shall notify OPA at least 30 calendar days in advance of the next Annual Review and provide all necessary meeting login information (e.g., Zoom links, phone numbers, etc.).

Sincerely,

Kurt W. Fisher  
Director  
Office of Project Assessment

cc:

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