



Building 1005S
P.O. Box 5000
Upton, NY 11973-5000
Phone 608.999.1740
jyeck@bnl.gov

managed by Brookhaven Science Associates
for the U.S. Department of Energy

Date: December 11, 2025

To: Jim Kerby, FNAL & Tor O. Raubenheimer, SLAC

From: Jim Yeck, EIC Project Director & BNL Associate Laboratory Director

A handwritten signature in black ink, appearing to read "JY", is placed over the "From:" line.

Memo

Subject: Director's Review of the Accelerator Storage Rings Subproject to Assess Baseline Readiness

The Department of Energy will conduct a Comprehensive Review of the EIC project in March 2026. In preparation for this review, I request your participation in a Director's Review of the EIC Accelerator Storage Rings (ASR) Subproject on January 14-16, 2026. The goal is to assess readiness for a CD-2 baseline and CD-3 start of construction.

The review will be held at Brookhaven National Laboratory, with remote participation available. It will begin at 8:30 a.m. on Wednesday, January 14, and conclude by 2:00 p.m. on Friday, January 16. The purpose of this review is to assess the overall status of the EIC ASR Subproject – technical, cost, schedule, management, Environment, Safety, & Health (ES&H), and Quality Assurance (QA) – and to determine if it is on track to fulfill the requirements for both Critical Decision-2 (CD-2), "Approve Performance Baseline," and Critical Decision-3 (CD-3), "Approve Start of Construction" in CY 2026.

The EIC project received CD-1 approval in June 2021 with a cost range of \$1.7–\$2.8 billion. CD-3A (Long-Lead Procurement) was approved in March 2024; CD-3B approval is pending. Construction of the EIC ASR subproject is planned to begin in late 2026 following the conclusion of RHIC operations.

The committee is charged with answering the following questions:

1. Is the design of the EIC Accelerator Storage Rings Subproject technically sound, sufficiently mature and on a trajectory to support a CD-2 baseline and CD-3 start of construction with planned procurements in CY2026? Will the ASR subproject be ready for DOE CD-2 and CD-3 reviews in the 4Q FY26?
2. Is the Accelerator Storage Rings subproject scope integrated into the EIC subproject structure such that future design evolution of complementary scope in other subprojects will not cause excessive rework or costly redesigns? Are interfaces between subprojects clearly defined and controlled?
3. Are the ASR cost and schedule estimates sufficiently complete and reliable and on a trajectory to establish baseline on the projected timeline? Do the estimates include adequate cost, schedule, and scope contingency to address the risks inherent in the remaining work and are the risks being properly managed?
4. Is the ASR subproject being properly managed (e.g., properly organized, adequately staffed) for

its successful execution?

5. Are ES&H, Procurement, and Quality being properly addressed? Is performance on CD-3A items related to ASR scope satisfactory?
6. Has the project responded appropriately to recommendations from prior DOE/SC reviews?

The EIC Team will provide the agenda, presentations, and documentation one week in advance. BNL will fund the travel and per diem for committee members who are able to attend in person. A logistics email will follow upon acceptance.

Thank you for your time and assistance.

* * *

cc: J. Hill, J. Dilling, D. Dean, A. Deshpande, L. Lari, K. Wilson, C. Folz, S. Nagaitsev