



Department of Energy
Washington, DC 20585

May 23, 2019

Dr. Berndt Mueller
Associate Laboratory Director
for Nuclear and Particle Physics
Brookhaven National Laboratory
Upton, NY 11973-5000

Dear Dr. Mueller:

The Office of Nuclear Physics Facilities and Project Management Division is in the process of organizing a biennial Science and Technology (S&T) Review of the Relativistic Heavy Ion Collider (RHIC) at Brookhaven National Laboratory (BNL). As you are aware, the review will take place at BNL on September 17-19, 2019.

The primary purpose of the review is to evaluate the quality, performance, and significance of the ongoing and planned RHIC program, in the context of the 2015 Nuclear Science Advisory Committee (NSAC) Long Range Plan for Nuclear Science and the national nuclear physics program. In carrying out this charge, each panel member is asked to evaluate and comment on:

- The quality, productivity, and significance of the laboratory's scientific and technical accomplishments and the merit, feasibility and impact of its future planned physics program;
- The effectiveness and appropriateness of facility and detector operations and the planning for future facility and detector upgrades in support of the research program;
- The effectiveness of management in strategic planning, developing appropriate core competencies, implementing a prioritized and optimized program, and promoting and implementing a diverse, inclusive, and safe work environment;
- The leadership, creativity, and productivity of the facility's scientific and technical staff in carrying out the above activities; and
- The quality and appropriateness of the laboratory's interactions with, and nurturing of, its scientific community.

The Laboratory should also comment upon what progress has been made towards addressing action items from the previous S&T Review.

The first and second day will consist of presentations by the Laboratory and executive sessions. The third day will be used for an executive session and



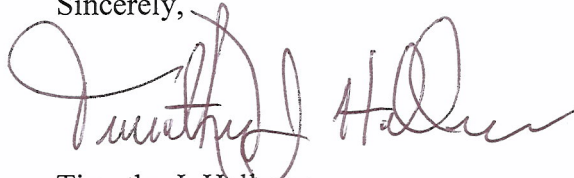
preliminary report writing; a brief close-out will take place in the early afternoon. Preliminary findings, comments, and recommendations will be presented at the close-out.

Dr. Jehanne Gillo, Director of the Facilities and Project Management Division, Office of Nuclear Physics is responsible for this review. Dr. Gillo can be contacted at (301) 903-1455, or e-mail: Jehanne.Gillo@science.doe.gov. The panel members have been instructed to contact Ms. Fran Capasso at BNL at (631) 344-3830 or E-mail: capasso@bnl.gov regarding logistics questions. Word processing, internet connection, and administrative assistance should be made available during the review.

Each panel member is being asked to review all aspects of the RHIC program. They will be asked to write individual "letter reports" on their findings. The Chairperson will accumulate these "letter reports," and compose a DOE report based on the information in the letters.

I greatly appreciate your efforts in preparing to present the Laboratory's activities before this biennial review. It is an important process that allows our office to understand the accomplishments, quality, needs, and plans of RHIC. I look forward to a very informative and stimulating visit.

Sincerely,

A handwritten signature in dark ink, appearing to read "Timothy J. Hallman". The signature is fluid and cursive, with the first name being the most prominent.

Timothy J. Hallman
Associate Director of the Office of Science
for Nuclear Physics

Enclosures

cc: Robert Gordon, BSO
Thomas Roser, BNL