Department of Energy
Washington, DC 20585

August 18, 2016

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 is in the process of organizing the annual Science and Technology (S&T) Review of the Brookhaven Linac Isotope Producer (BLIP) Facility at Brookhaven National Laboratory (BNL). As you are aware, this review will take place at BNL on December 15-16, 2016. A list of the members of the review panel and anticipated Department of Energy (DOE) participants is enclosed.

The purpose of the review is to evaluate the quality, performance, and significance of the ongoing and planned BLIP (and associated processing facilities at the Radiopharmaceutical and Radioisotope Processing Laboratory, RRPL) program, in the context of the Nuclear Science Advisory Committee Isotope (NSAC-I) Subcommittee Long Range Plans. In particular, each panel member will be asked to evaluate and comment on:

- The quality, productivity, and significance of the facility's scientific and technical accomplishments and the merit, feasibility and impact of its future planned isotope program;
- The effectiveness and appropriateness of facility operations and the planning for future facility upgrades in support of isotope production and processing, and the corresponding research program;
- The effectiveness of management in strategic planning, developing appropriate core competencies, distributing resources, implementing a prioritized and optimized program, and promoting and implementing a safe work environment;
- The leadership, creativity, and productivity of the facility's scientific and technical staff in carrying out the above activities; and the appropriate level of staffing required to accomplish goals; and
- The quality and appropriateness of the facility's interactions with, and nurturing of, the scientific and isotope user community.

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

The first day will consist of presentations by the laboratory, and executive sessions. The second day will be used for presentations, executive session, and

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

The review will be chaired by Dr. Marc Garland, Program Manager for Isotope Program Operations, DOE Isotope Program, Office of Nuclear Physics. Dr. Garland can be contacted at (301) 903-9576, or E-mail: Marc.Garland@science.doe.gov. The panel members have been instructed to contact Ms. Caitlin Scholl at BNL at (631)-344-7432 or E-mail: cscholl@bnl.gov regarding any logistics questions. Administrative assistance and internet connection should be made available during the review.

Each panel member is being asked to review all aspects of the BLIP program. They will be asked to write individual "letter reports" on their findings. The Chairman 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 your laboratory's activities before this annual review. It is an important process that allows our office to understand the accomplishments, quality, needs, and plans of BLIP. I look forward to a very informative and stimulating visit.

Sincerely,

Jehanne Gillo
Director
Facilities and Project Management Division
Office of Nuclear Physics

Enclosure

cc: Frank Crescenzo, BSO
Cathy Cutler, BNL
Leonard Mausner, BNL