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August 29, 2023

Argonne National Laboratory  
9700 South Cass Avenue  
Building 203, Room G125  
Lemont, IL 60439 USA

Dear Dr. Carpenter,

Thank you for agreeing to serve as Chair of the Nuclear Data Advisory Committee (NDAC). As you know, one of the principal roles of the NDAC is to assess the merit, quality, and impact of activities at the U.S. Nuclear Data Program (USNDP) in the context of a review charge, and to report conclusions and recommendations to laboratory management. The next NDAC assessment will take place in a hybrid format on September 13-14. The schedule is to be arranged by you in consultation with the PI of the USNDP, Dr. David Brown. NDAC is encouraged to coordinate with USNDP staff to gather data to answer the charge questions and ask additional questions ahead of the meeting so that the meeting itself is geared toward detailed discussion.

The charge for the NDAC in 2023 is to address the following questions, through the assessment of written material and oral presentations by the USNDP. The NDAC should also consider the Nuclear Science Advisory Committee (NSAC) Nuclear Data reports when answering the questions below, particularly when developing findings and recommendations for improvement.

- 1) Has USNDP adequately addressed recommendations from previous NDAC reviews? Is additional action required? If a recommendation has not been addressed, is there sufficient reasoning to not do so?
- 2) To what extent does the USNDP meet its established goals and priorities?
- 3) What challenges are the USNDP encountering in carrying out their program? How might these be addressed? Are there compelling opportunities for program improvement or enhancements?
- 4) To what extent does the USNDP function like a collaboration? What challenges exist to improving collaboration among USNDP sites?
- 5) Assess the quality and effectiveness of any Codes of Conduct and/or DEIA initiatives within the USNDP. Other closely related efforts, such as the Cross Section Evaluation Working Group (CSEWG), where USNDP has a leading role, can be assessed as well.
- 6) Assess the NNDC's continued designation as a DOE PuRe Data Resource. The NNDC was designated by DOE Office of Science as a PuRe Data Resource (<https://science.osti.gov/Initiatives/PuRe-Data>) in FY21, signifying its importance to the nuclear science and applications community. Part of the designation includes the requirement of regular assessment of the resource's access procedures (user access, data access, etc.), technical metrics (data stored, new data added, number of users, etc.), scientific impact, and community engagement.

You are requested to provide a final written report in response to this charge by email to me approximately two weeks after the end of the review, with a copy to Timothy Hallman and Keith Jankowski at DOE NP.

A draft agenda will be provided soon by Dr. Brown for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Hill'.

John Hill  
Deputy Director for Science and Technology

cc: T. Hallman, DOE NP  
K. Jankowski, DOE NP