



Experimental Physical Sciences Directorate

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Date: November 12, 2009
Refer To: ADEPS: 09-056

Dr. Gene Henry, Acting Assoc. Director Nuclear Physics
US Department of Energy
1000 Independence Ave. SW
Washington, DC, 20585-1290

Dear Dr. Henry,

On August 8, 2008 the Office of Nuclear Physics delivered two charges to the Nuclear Science Advisory Committee (NSAC) related to the National Isotope Production and Applications (NIPA) program. In response to this charge, NSAC established a standing sub-committee – The NSAC Isotope (NSACI) sub-committee. Professor Ani Aprahamian of Notre Dame University and Dr. Donald Geesaman of Argonne National Laboratory are the co-Chairs of this sub-committee. Prof. Aprahamian led the preparation of the subcommittee's response to the first charge and Dr. Geesaman led the preparation of the response to the second.

The subcommittee was put together with a broad membership representing the research communities, industry production, and homeland security. They collected relevant studies that have been produced in these areas. The committee held a number of meetings and solicited input from relevant communities and stakeholders. Dr. Geesaman presented the draft report in response to Charge 2 to NSAC on July 27, 2009 and NSAC provided comments. The report was resubmitted to NSAC on August 27, 2009.

NSAC embraces the opportunity that it has been presented to impact this important area for the nation, and we would like to applaud the pro-active efforts of the Office of Nuclear Physics in taking on leadership of this program. We believe that the efforts of the NSAC I subcommittee have contributed to increased cohesion and common direction in the national community that will be of benefit to the country. We welcome any opportunity to further participate in the effective integration of the NIPA program with the broader nuclear physics research program.

NSAC unanimously approved this report on November 5, 2009. We endorse the report and the recommendations that it contains. We hereby transmit the report (accompanying this letter), entitled "*Isotopes for the Nation's Future, a Long Range Plan,*" to the Office of Nuclear Physics.

Respectfully submitted,

A handwritten signature in blue ink that reads "Susan J. Seestrom".

Susan J. Seestrom, NSAC Chair

Attachment: As stated

Cy: ADEPS File