AMENDMENT TO RULES COMMITTEE PRINT
116–63
OFFERED BY MR. LIPINSKI OF ILLINOIS

Page 9, after the item relating to item section 12606, add the following:

Sec. 12607. Low-Dose-Radiation Research

At the end of subtitle F of title XII, add the following:

1 SEC. 12607. LOW-DOSE-RADIATION RESEARCH.

Section 306(c) of the Department of Energy Research and Innovation Act (42 U.S.C. 18644(c)) is amended to read as follows:

“(c) LOW-DOSE-RADIATION RESEARCH PROGRAM.—

“(1) IN GENERAL.—The Secretary shall carry out a research program on low-dose and low dose-rate radiation to—

“(A) enhance the scientific understanding of, and reduce uncertainties associated with, the effects of exposure to low-dose and low dose-rate radiation; and

“(B) inform improved risk-assessment and risk-management methods with respect to such radiation.
“(2) PROGRAM COMPONENTS.—In carrying out the program required under paragraph (1), the Secretary shall—

“(A) support and carry out the directives under section 106 of the American Innovation and Competitiveness Act (42 U.S.C. 6601 note), with respect to low dose and low-dose rate radiation research, in coordination with the Physical Science Subcommittee of the National Science and Technology Council;

“(B) identify and, to the extent possible, quantify, potential monetary and health-related impacts to Federal agencies, the general public, industry, research communities, and other users of information produced by such research program;

“(C) leverage the collective body of knowledge from prior and existing low-dose and low dose-rate radiation research;

“(D) engage with other Federal agencies, research communities, and potential users of information produced under this section, including institutions performing or utilizing radiation research, medical physics, radiology, health physics, and emergency response measures; and
“(E) support education and outreach activities to disseminate information and promote public understanding of low-dose radiation, with a focus on non-emergency situations such as medical physics, space exploration, and naturally occurring radiation.

“(3) Research plan.—

“(A) National Academy of Sciences.—Not later than 90 days after the date of enactment of this Act, the Secretary shall enter into an agreement with the National Academy of Sciences to develop a long-term strategic and prioritized research agenda for the program described in paragraph (2);

“(B) Congress.—Not later than 18 months after the date of enactment of this Act, the Secretary shall submit the research plan developed under subparagraph (A) to the Committee on Science, Space, and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate.

“(4) Program evaluation.—

“(A) Independent external entity.—Not later than 3 years after the date of enact—
ment of this Act, and every 2 years thereafter, the Secretary shall enter into agreements with an independent external entity to perform a program evaluation.

“(B) CONGRESS.—The Secretary shall submit the program evaluations performed under subparagraph (A) to the Committee on Science, Space, and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate.

“(5) DEFINITIONS.—In this subsection:

“(A) LOW-DOSE RADIATION.—The term ‘low-dose radiation’ means a radiation dose of less than 100 millisieverts.

“(B) LOW DOSE-RATE RADIATION.—The term ‘low dose-rate radiation’ means a radiation dose rate of less than 5 millisieverts per hour.

“(6) RULE OF CONSTRUCTION.—Nothing in this subsection shall be construed to subject any research carried out by the Secretary for the program under this subsection to any limitations described in section 977(e) of the Energy Policy Act of 2005 (42 U.S.C. 16317(e)).
“(7) FUNDING.—There are authorized to be appropriated to the Secretary to carry out the program under this subsection—

“(A) $20,000,000 for fiscal year 2021;
“(B) $30,000,000 for fiscal year 2022;
“(C) $40,000,000 for fiscal year 2023; and
“(D) $50,000,000 for fiscal year 2024.”.