AMENDMENT TO RULES COMMITTEE PRINT 115–70

OFFERED BY MR. PANETTA OF CALIFORNIA

At the end of subtitle B of title XXXI, add the following new section:

SEC. 31. ACCELERATION OF REPLACEMENT OF CESIUM BLOOD IRRADIATION SOURCES.

(a) GOAL.—The Administrator for Nuclear Security shall ensure that the goal of the covered programs is eliminating the use of blood irradiation devices in the United States that rely on cesium chloride by December 31, 2027.

(b) PROGRAMS.—To meet the goal specified by subsection (a), the Administrator shall carry out the covered programs in a manner that—

(1) is voluntary for owners of blood irradiation devices;

(2) allows for the United States, subject to the review of the Administrator, to pay up to 50 percent of the per-device cost of replacing blood irradiation devices covered by the programs;

(3) allows for the United States to pay up to 100 percent of the cost of removing and disposing
of cesium sources retired from service by the pro-
grams; and

(4) replaces such devices with x-ray irradiation
deVICES or other devices approved by the Food and
Drug Administration that provide significant threat
reduction as compared to cesium chloride
irradiators.

(c) DURATION.—The Administrator shall carry out
the covered programs until December 31, 2027.

(d) REPORT.—Not later than 180 days after the date
of the enactment of this Act, the Administrator shall sub-
mit to the appropriate congressional committees a report
on the covered programs, including—

(1) identification of each cesium chloride blood
irradiation device in the United States, including the
number, general location, and user type;

(2) a plan for achieving the goal established by
subsection (a);

(3) a methodology for prioritizing replacement
of such devices which takes into account irradiator
age and prior material security initiatives;

(4) in consultation with the Nuclear Regulatory
Commission and the Food and Drug Administration,
a strategy identifying any legislative, regulatory, or
other measures necessary to constrain the introduc-
tion of new cesium chloride blood irradiation devices; and

(5) identification of the annual funds required to meet the goal established by subsection (a).

(c) ASSESSMENT.—The Administrator shall submit and assessment to the appropriate congressional committees by September 20, 2023, the results of the actions on the covered programs, including—

(1) the number of replacement irradiators under the covered programs;

(2) the life-cycle costs of the program, including personnel training, maintenance, and replacement costs for new irradiation devices;

(3) the cost-effectiveness of the covered programs;

(4) an analysis of the effectiveness of the new irradiation devices technology; and

(5) a forecast whether the Administrator will meet the goal established in subsection (a).

(f) DEFINITIONS.—In this section:

(1) The term “appropriate congressional committees” means—

(A) the Committee on Appropriations, the Committee on Armed Services, and the Com-
mittee on Energy and Commerce of the House
of Representatives; and

(B) the Committee on Appropriations, the
Committee on Armed Services, the Committee
on Energy and Natural Resources, and the
Committee on Health, Education, Labor, and
Pensions of the Senate.

(2) The term “covered programs” means the
following programs of the Office of Radiological Se-
curity of the National Nuclear Security Administra-
tion:

(A) The Cesium Irradiator Replacement
Program.

(B) The Offsite Source Recovery Program.