

119TH CONGRESS
1ST SESSION

H. R. 2541

To require the Nuclear Regulatory Commission to revise its regulations to protect patients from unintended exposure to radiation during nuclear medicine procedures, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 1, 2025

Mr. DAVIS of North Carolina (for himself, Mr. GRIFFITH, and Mr. CLINE) introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To require the Nuclear Regulatory Commission to revise its regulations to protect patients from unintended exposure to radiation during nuclear medicine procedures, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Nuclear Medicine Clar-
5 ification Act of 2025”.

1 **SEC. 2. MEDICAL EVENT REPORTING OF UNINTENDED IR-**
2 **RADIATION.**

3 (a) REVISION OF REGULATIONS REQUIRED.—Not
4 later than 120 days after the date of enactment of this
5 Act, the Nuclear Regulatory Commission shall revise sec-
6 tion 35.3045(a)(1) of title 10, Code of Federal Regula-
7 tions, by adding at the end the following:

8 “(iv) A dose that is due to an extravasation and ex-
9 ceeds—

10 “(A) 0.5 Sv (50 rem) dose equivalent to the 5 cubic
11 centimeter volume of tissue receiving the highest absorbed
12 dose during residence time; or

13 “(B) 0.5 Sv (50 rem) shallow dose equivalent to the
14 contiguous 10 square centimeters of skin receiving the
15 highest absorbed dose during residence time.”.

16 (b) EFFECTIVE DATE.—The revision required under
17 subsection (a) shall take effect on the date that is 18
18 months after the date of enactment of this Act.

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