

103^D CONGRESS
1ST SESSION

H. R. 2481

To provide funding for an examination of the possible health effects of exposure to depleted uranium of United States military personnel in the Persian Gulf War.

IN THE HOUSE OF REPRESENTATIVES

JUNE 22, 1993

Mr. EVANS (for himself, Mr. KENNEDY, Mr. GUTIERREZ, Mr. CLEMENT, and Mr. BUYER) introduced the following bill; which was referred to the Committee on Armed Services

A BILL

To provide funding for an examination of the possible health effects of exposure to depleted uranium of United States military personnel in the Persian Gulf War.

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 “Persian Gulf War
5 Radiation Research Act”.

6 **SEC. 2. GRANT TO SUPPORT DEPLETED URANIUM STUDY.**

7 (a) IN GENERAL.—The Secretary of Defense shall
8 make a grant of \$1,600,000 annually for fiscal years 1994
9 through 1998 to an institution selected through estab-

1 lished acquisition procedures for the purpose of studying
2 the possible health effects of battlefield exposure to de-
3 pleted uranium, including exposure through ingestion, in-
4 halation, or bodily injury.

5 (b) FUNDING SOURCE.—Funding for the grant under
6 subsection (a) shall be made from amounts appropriated
7 to the Department of Defense for fiscal years 1994
8 through 1998 for research, development, test, and evalua-
9 tion.

10 **SEC. 3. RESEARCH PROGRAM.**

11 Research to be conducted at the facility for which a
12 grant is made under subsection (a) shall explore the pos-
13 sible health effects of exposure to depleted uranium, in-
14 cluding exposure through ingestion, inhalation, or bodily
15 injury, and the individual susceptibility of service person-
16 nel to such exposure. Such research shall focus on (but
17 not be limited to) persons who may have been exposed to
18 depleted uranium while serving on active duty in the thea-
19 ter of operations during the Persian Gulf War. The spe-
20 cific objectives of the study shall include—

21 (1) assessment of the toxico-kinetic properties
22 of the various chemical forms of depleted uranium
23 that could be inhaled, ingested, or imbedded;

1 (2) examination of whether there are depleted
2 uranium cancer induction mechanisms similar to
3 those observed in Thorotrast-specific liver cancers;

4 (3) determination of whether the radiogenic ef-
5 fects noted in paragraphs (1) and (2) occur and if
6 so, at what fragment densities and latent periods;

7 (4) assessment of long-term, low-dose-rate irra-
8 diation of specific tissues, such as those of the nerv-
9 ous system;

10 (5) determination of the potential for chronic
11 nephrotoxicity as a function of the organ exposed to
12 depleted uranium; and

13 (6) conduct of pathological studies of tissue
14 surrounding depleted uranium particles.

15 **SEC. 4. REPORT TO CONGRESS.**

16 The Secretary of Defense shall submit to Congress
17 an annual report in fiscal years 1995 through 1999 on
18 activities under this Act during the preceding year.

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