

**AMENDMENT TO H.R. 1540, AS REPORTED
OFFERED BY MR. COFFMAN OF COLORADO**

At the end of subtitle G of title X, add the following
new section:

**1 SEC. 1078. REPORT ON A DEPARTMENT OF DEFENSE RECY-
2 CLING PROGRAM FOR RARE EARTH MATE-
3 RIALS.**

4 (a) REQUIREMENT FOR REPORT.—Not later than
5 180 days after the date of the enactment of this Act, the
6 Secretary of Defense shall prepare and submit to the con-
7 gressional defense committees a report on the feasibility
8 and desirability of recycling, recovering, and reprocessing
9 rare earth elements, including fluorescent lighting in De-
10 partment of Defense facilities and neodymium iron boron
11 magnets used in weapon systems and commercial off-the-
12 shelf items such as computer hard drives.

13 (b) REPORT.—The report required in subsection (a)
14 shall contain, at minimum, the following information:

15 (1) AMOUNT AND FORM OF CERTAIN MATE-
16 RIALS.—The amount and form of fluorescent light-
17 ing materials containing rare earth phosphors, such
18 as terbium, europium, and yttrium, and the amount
19 of neodymium iron boron magnets containing neo-

1 dymium and dysprosium, currently being disposed of
2 by or on behalf of the Department of Defense.

3 (2) ESTIMATE OF AMOUNTS.—An estimate of
4 the amount of rare earth phosphors contained in
5 such lighting materials and rare earth metal, alloy,
6 and magnet material that is potentially available for
7 recycling but is not currently recovered, using data
8 from the most recent year for which a reasonable es-
9 timate can be made.

10 (3) FEASIBILITY OF RECOVERY.—The feasi-
11 bility and desirability of recovering such rare earth
12 phosphors and magnet materials and making this
13 material available for reprocessing back into sepa-
14 rated rare earth elements or reused as rare earth
15 magnet materials by private-sector entities.

16 (c) DEFINITION.—For purposes of this section, the
17 term “rare earth” means any of the following chemical
18 elements in any of their physical forms or chemical com-
19 binations:

20 (1) Scandium.

21 (2) Yttrium.

22 (3) Lanthanum.

23 (4) Cerium.

24 (5) Praseodymium.

25 (6) Neodymium.

- 1 (7) Promethium.
- 2 (8) Samarium.
- 3 (9) Europium.
- 4 (10) Gadolinium.
- 5 (11) Terbium.
- 6 (12) Dysprosium.
- 7 (13) Holmium.
- 8 (14) Erbium.
- 9 (15) Thulium.
- 10 (16) Ytterbium.
- 11 (17) Lutetium.

