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:

SEC. 1078. REPORT ON A DEPARTMENT OF DEFENSE RECYCLING PROGRAM FOR RARE EARTH MATERIALS.

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

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

(1) AMOUNT AND FORM OF CERTAIN MATERIALS.—The amount and form of fluorescent lighting materials containing rare earth phosphors, such as terbium, europium, and yttrium, and the amount of neodymium iron boron magnets containing neo-
dymium and dysprosium, currently being disposed of by or on behalf of the Department of Defense.

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

(3) **FEASIBILITY OF RECOVERY.**—The feasibility and desirability of recovering such rare earth phosphors and magnet materials and making this material available for reprocessing back into separated rare earth elements or reused as rare earth magnet materials by private-sector entities.

(e) **DEFINITION.**—For purposes of this section, the term “rare earth” means any of the following chemical elements in any of their physical forms or chemical combinations:

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