

**AMENDMENT TO THE RULES COMMITTEE PRINT
FOR H.R. 3409
OFFERED BY MR. BUCSHON OF INDIANA**

At the end of title I (page 3, after line 12) add the following:

1 **SEC. ____ . PUBLICATION OF SCIENTIFIC STUDIES FOR PRO-**
2 **POSED RULES.**

3 (a) **REQUIREMENT.**—Title VI of the Surface Mining
4 Control and Reclamation Act of 1977 (16 U.S.C. 1291
5 et seq.) is amended by adding at the end the following:

6 “PUBLICATION OF SCIENTIFIC STUDIES FOR PROPOSED
7 RULES

8 “SEC. 722. (a) **REQUIREMENT.**—The Secretary, or
9 any other Federal official proposing a rule under this Act,
10 shall publish with each rule proposed under this Act each
11 scientific study the Secretary or other official, respectively,
12 relied on in developing the rule.

13 “(b) **SCIENTIFIC STUDY DEFINED.**—In this section
14 the term ‘scientific study’ means a study that—

15 “(1) applies rigorous, systematic, and objective
16 methodology to obtain reliable and valid knowledge
17 relevant to the subject matter involved;

1 “(2) presents findings and makes claims that
2 are appropriate to, and supported by, the methods
3 that have been employed; and

4 “(3) includes, appropriate to the rule being pro-
5 posed—

6 “(A) use of systematic, empirical methods
7 that draw on observation or experiment;

8 “(B) use of data analyses that are ade-
9 quate to support the general findings;

10 “(C) reliance on measurements or observa-
11 tional methods that provide reliable and gener-
12 alizable findings;

13 “(D) strong claims of causal relationships,
14 only with research designs that eliminate plau-
15 sible competing explanations for observed re-
16 sults, such as, but not limited to, random-as-
17 signment experiments;

18 “(E) presentation of studies and methods
19 in sufficient detail and clarity to allow for rep-
20 lication or, at a minimum, to offer the oppor-
21 tunity to build systematically on the findings of
22 the research;

23 “(F) acceptance by a peer-reviewed journal
24 or critique by a panel of independent experts

1 through a comparably rigorous, objective, and
2 scientific review; and

3 “(G) consistency of findings across mul-
4 tiple studies or sites to support the generality
5 of results and conclusions.”.

6 (b) CLERICAL AMENDMENT.—The table of contents
7 at the end of the first section of such Act is amended by
8 adding at the end of the items relating to such title the
9 following:

“Sec. 722. Publication of scientific studies for proposed rules.”.

