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AMENDMENT NO. _____ Calendar No. _____

Purpose: To commission a study for the roof of the Dirksen Senate Office Building in a manner that facilitates the incorporation of energy efficient technology and amends the Master Plan for the Capitol complex.

IN THE SENATE OF THE UNITED STATES—109th Cong., 1st Sess.

H.R. 6

To be **AMENDMENT No. 0818** and

By Jeffords

To: H. R. 6

Refers to _____
4
Page(s)

GPO: 2004 87-290 (Mac)

AMENDMENTS intended to be proposed by Mr. JEFFORDS

Viz:

- 1 Or page 15, strike lines 3 through 20.
- 2 Or page 719, strike lines 11 through 20 and insert
- 3 the following:
- 4 as part of the process of updating the Master Plan
- 5 Study for the Capitol complex, shall—
- 6 (A) carry out a study to evaluate the en-
- 7 ergy infrastructure of the Capitol complex to

1 determine how to augment the infrastructure to
2 become more energy efficient—

3 (i) by using unconventional and re-
4 newable energy resources;

5 (ii) by—

6 (I) incorporating new tech-
7 nologies to implement effective green
8 building solutions;

9 (II) adopting computer-based
10 building management systems; and

11 (III) recommending strategies
12 based on end-user behavioral changes
13 to implement low-cost environmental
14 gains; and

15 (iii) in a manner that would enable
16 the Capitol complex to have reliable utility
17 service in the event of power fluctuations,
18 shortages, or outages;

19 (B) carry out a study to explore the feasi-
20 bility of installing energy and water conserva-
21 tion measures on the rooftop of the Dirksen
22 Senate Office Building, including the area di-
23 rectly above the food service facilities in the
24 center of the building, including the installation
25 of—

1 (i) a vegetative covering area, using
2 native species to the maximum extent prac-
3 ticable, to—

4 (I) insulate and increase the en-
5 ergy efficiency of the building;

6 (II) reduce precipitation runoff
7 and conserve water for landscaping or
8 other uses;

9 (III) increase, and provide more
10 efficient use of, available outdoor
11 space through management of the
12 rooftop of the center of the building
13 as a park or garden area for occu-
14 pants of the building; and

15 (IV) improve the aesthetics of the
16 building; and

17 (ii) onsite renewable energy and other
18 state-of-the-art technologies to—

19 (1) improve the energy efficiency
20 and energy security of the building or
21 the Capitol complex by providing addi-
22 tional or backup sources of power in
23 the event of a power shortage or other
24 emergency;

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1 (II) reduce the use of resources
2 by the building; or

3 (III) enhance worker produc-
4 tivity; and

5 (C) not later than 180 days after the date
6 of enactment of this Act, submit to Congress a
7 report describing the findings and recommenda-
8 tions of the study under subparagraph (B).