

10/20/78

Introduced by Tracy Owen

Proposed No. 78-1071

1 MOTION NO. 3804

2 A MOTION relating to energy conservation
3 declaring the intent of the County Council
4 to adopt structure-related codes to provide
5 for design requirements which will improve
6 efficiency of energy use in new buildings
7 by June 1, 1979 and requesting the County
8 Executive and the Building Code Advisory and
9 Appeals Board to present to the Council
10 by April 1, 1979 any proposed revisions.

11 WHEREAS, the County Council, on December 6, 1976, passed
12 Motion 2787 adopting energy conservation policies for King County
13 and requested the County Executive to review and prepare proposed
14 legislation for adoption of these policies as a part of the
15 County's Comprehensive Plan, and

16 WHEREAS, these policies call for the encouragement and
17 development of more energy resource efficient heating and cooling
18 systems in County residential and commercial structures, and

19 WHEREAS, these policies also call for the development of
20 uniform building code specifications and performance standards
21 to achieve greater energy efficiency based on source energy
22 analysis shown in equivalent energy units, and

23 WHEREAS, the County Council, in March 1977 by Proposed
24 Motion 77-255, requested the County Executive to develop proposed
25 legislation to amend the County building codes to add requirements
26 setting forth specifications and performance standards which would
27 increase the efficiency of the heating, ventilating and air con-
28 ditioning functions in residential and commercial buildings, and

29 WHEREAS, in April 1977, the State Legislature passed and
30 the Governor signed House Bill 98 (R.C.W. 19.27) which set
31 thermal performance and design standards for thermal resistance
32 ("R" value) of building materials and total heat flow through
33 one square foot of building ("U" value) for roof decks, ceilings,
walls, floors, for glazing openings, and for duct and pipe insula-
tion for building permits applied for after December 21, 1977
and

1 WHEREAS, a letter of May 5, 1977 to the County Council
2 from the County Executive requested a delay in action on Proposed
3 Motion 77-255 on the advice of the Building Code Advisory and
4 Appeals Board until the then current State Legislature Session
5 was over, and until the proposed motion was redrafted "as a part
6 of a more general approach to energy conservation modifications
7 to the building and mechanical codes along the lines of the model
8 codes being evaluated at the state and national levels," and

9 WHEREAS, the Building Code Advisory and Appeals Board was
10 established to assist in determining the suitability of alternate
11 materials and methods of construction and to provide for reason-
12 able interpretations of the building codes (building, mechanical,
13 housing and abatement of dangerous buildings) of King County
14 (K.C.C. 16.04.030), and

15 WHEREAS, the County Council, on October 24, 1977, passed
16 Ordinance 3463 which adopted a new thermal performance (insula-
17 tion) standard on roof/ceiling assemblies for new construction
18 of R-10 (thermal resistance), and

19 WHEREAS, the County Council, on April 3, 1978, passed
20 Ordinance 3478, which adopted the County's energy conservation
21 policies as an addition to the County's Comprehensive Plan, and

22 WHEREAS, recent federal legislation passed by both Houses
23 of Congress provides for tax credits for expenditures made in
24 buildings for energy conservation and the use of solar power, and

25 WHEREAS, a joint King County - Seattle Energy Code study has
26 just been completed which analyzes the energy conservation require-
27 ments for new buildings based on the ASHRAE Standard 90-75 of
28 the American Society of Heating, Refrigerating, and Air Condition-
29 ing Engineers and upon which some model code writing bodies are
30 basing their codes (ICBO-International Conference of Building
31 Officials and NCSBCS-National Conference of States on Building
32 Codes and Standards), and

