11/12/78

Introduced by: Tracy J. Owen

Proposed No.: 78-651

MOTION NO. 03581

A MOTION requesting the County Executive to present to the Council in the 1979 budget proposal a plan to achieve an Executive recommendation by December 1, 1981 for appropriate energy generation/ resource recovery from solid wastes generated in King County.

WHEREAS, the King County Council adopted policy to move toward energy/resource recovery from solid waste in 1974 by Motion 1539, and

WHEREAS, the County Council adopted the joint comprehensive management plan on September 20, 1976 by Ordinance 2913, involving 28 cities and towns in King County, which adopted a solid waste management policy on resource/energy recovery which states:

> "Resource/energy recovery disposal systems should be the regional method of disposal. This system should maximize the recovery of materials and should be developed as soon as possible (underlining added) for implementation by 1981."

WHEREAS, the King County Council adopted energy conservation policies on December 6, 1976 by Motion 2787 and added these policies as a new amendment to the King County Comprehensive Plan by passage of Ordinance 3649 on April 3, 1978, and

WHEREAS, one of the County's Inter-Governmental Relations Policies for energy conservation is to "Support basic energy research and related demonstration projects in solar, wind, biomass (solar energy chemically stored in plant tissue formed through photosynthesis), geothermal and other nondepletable energy sources, as well as supporting the development of energy recovery from renewable energy sources found in solid wastes generated in all of King County," and

WHEREAS, all of King County now generates approximately 1.2 million tons of solid waste per year which needs disposal, and

WHEREAS, continuing technological changes in methods of manufacturing, packaging and marketing of consumer products, together with the economic and population growth of this county, the rising affluence of its citizens, and its expanding industrial

activity altogether have created new and increasing problems involving disposal of garbage, refuse, and other solid waste materials resulting from domestic, agricultural and industrial activities, and

WHEREAS, there is a growing general public awareness of and concern for the finiteness of our planet's depletable natural resources, especially those fuels currently used for energy generation, such as petroleum compounds, natural gas, coal, and uranium, and

WHEREAS, there are environment costs and economic costs which must be adequately considered in developing additional energy generation sources for King County, such as from atoms, (fission and fusion), from solar radiation, wind, biomass, and hydro, from tides, oceans (currents and temperature variations) and from geothermal sources (dry and steam and hot brine), and

WHEREAS, the electrical energy demands of the Northwest (Washington, Idaho, and Oregon) have been growing at an average of 5.8% per year from 1964-1974, while the projected growth rates are from an average low of 1.44% to an average high of 4.32% per year for the years 1974 through 2000 according to the Northwest Energy Policy Report, and

WHEREAS, present ultimate disposal facilities have a limited remaining time for use with little opportunity to expand capacities and operations, and

WHEREAS, environmental legislation and regulations at all levels and increasing public resistance are making it increasingly difficult to site new final disposal facilities which will meet the present high environmental standards, and

WHEREAS, because the work to develop an operational energy/resource recovery operation most likely will span one decade, a decision to begin now will relieve the pressure for a mandatory decision in the early 1980's.

NOW THEREFORE, BE IT MOVED by the Council of King County:

The County Executive is hereby requested to present to the Council in the 1979 budget proposal an activity, schedule and manpower plan with supporting funds to carry out the necessary study, coordination, public information and involvement which will lead to the Executive's proposal of a recommended plan for appropriate energy generation/resource recovery from solid wastes generated in King County by December 1, 1981. A status report shall be made to County Council by June 30, 1980 and June 30, 1981.

PASSED this 10th day of July, 1978.

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

Bernice Stern
Chairman

ATTEST:

Dorothy M. Owen
Deputy Clerk of the Council