

S B

308

Alaska State Legislature

SENATOR BETTYE FAHRENKAMP
CHAIRMAN, LEGISLATIVE COUNCIL
CHAIRMAN, OIL AND GAS COMMITTEE
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Senate

MEMORANDUM

TO: Senator Arliss Sturgulewski, Chair
Community and Regional Affairs Committee

FROM: Senator Bettye Fahrenkamp

RE: Proposed Committee Substitute for SB 308

DATE: March 7, 1988

This Committee Substitute for Senate Bill 308 would allow money appropriated to the energy efficient grant fund to be applied toward state or federal housing projects.

The attached background information also applies to the proposed companion bill CSHB 318.

Explanation of Changes

New Title. Title has been changed to allow for a new provision in the bill which amends AS 18.55.998(a), relating to an existing grant program. The title would read:

"An Act relating to grants for energy efficient homes."

Section 1. No changes in the findings section.

Section 2. The original section 2 has been replaced with a new section amending AS 18.55.998(a) relating to the supplemental housing development grant fund. This fund is used to pay supplemental costs of building HUD homes in Alaska. Use of this fund is currently limited to supplementing the cost of on-site sewer and water facilities, road construction to project sites, and extension of electrical distribution facilities to individual residences. This section of the bill adds "energy efficient design features in homes" to the list of existing uses. (Current statute attached).

This amendment was suggested by the Department of Community and Regional Affairs. (See attached letter from Commissioner Hoffman).

Page 2

Section 3. This is the original section 2 with one change. Subsection (b) has been changed to include "agencies of the state and federal government."

(B) a community in the first judicial district of the state with a population of 4,500 or less. (§ 11 ch 167 SLA 1978; am § 14 ch 113 SLA 1982)

Effect of amendments. — The 1982 amendment in subsection (a), substituted "division of housing assistance in the Department of Community and Regional Affairs" for "board of directors of the Alaska Housing Finance Corporation" in the first and second sentences, added the language beginning "other than in an area" to the end of the first sentence, and substituted the language beginning "the

interest rate on a loan" for "an interest rate approved by the board of directors of the Alaska Housing Finance Corporation" at the end of the subsection. In subsection (b), the amendment added the subparagraph (A) designation, substituted "a community in the second, third, or fourth judicial district" for "any community" and added "or" to the end, in that subparagraph, and added subparagraph (2)(B).

Sec. 18.55.998. Supplemental housing development grants. (a) There is created in the Department of Community and Regional Affairs a supplemental housing development grant fund. Subject to the availability of appropriations for the purpose, the department shall make grants to regional housing authorities established under AS 18.55.996 for the cost of on-site sewer and water facilities, road construction to project sites, and extension of electrical distribution facilities to individual residences.

(b) A grant may be made only for residential housing for which federal loan or grant approval has been obtained from the United States Department of Housing and Urban Development and which will be made available to the public on a nondiscriminatory basis. A grant may not be used to retire or repay obligations or debts of the grant recipient. A grant may only be for the difference between the maximum amount available under federal law or regulation for construction of the residential housing for which the grant is made and the actual costs of the construction. A grant may not exceed 20 percent of the United States Department of Housing and Urban Development total development cost per unit in effect at the time the grant is made.

(c) Grant money may be used only for the purposes specified in (a) of this section. No part of the grant money may be used for administrative or other costs of a regional housing authority whether the costs are directly associated with the construction or general costs of the authority.

(d) The department shall adopt regulations to carry out the purposes of this section. The provisions of the Administrative Procedure Act (AS 44.62) apply to regulations adopted under this section. (§ 7 ch 86 SLA 1981)

STATE OF ALASKA

STEVE COWPER, GOVERNOR

DEPT. OF COMMUNITY & REGIONAL AFFAIRS

OFFICE OF THE COMMISSIONER

- P.O. BOX B
JUNEAU, ALASKA 99811-2100
PHONE: (907) 465-4700
- 949 E. 36TH AVENUE, SUITE 400
ANCHORAGE, ALASKA 99508-4302
PHONE: (907) 563-1073

February 11, 1988

The Honorable Kay Brown
Alaska State House of Representatives
P. O. Box V
Juneau, AK 99811

FEB 21 1988

Dear Rep. ^{KAB} Brown:

This is in response to your inquiry as to what options are available to address the energy concerns on this year's HUD housing standards that will not be covered by the new residential energy standard because of the nine-month moratorium.

According to Marlin Knight, Alaska's HUD representative, 277 single-family residences will be constructed in rural Alaska with HUD financing. Of that number, 190 will receive some form of State financial assistance. According to Mr. Knight, HUD will not know until May in which communities the projects will be located, but it will be in all of the rural regions. As a guide, the following are the locations of HUD projects this past year:

<u>Housing Authority</u>	<u>Location</u>	<u>No. Units</u>
Tlingit-Haida	Hydaburg	25
Northwest Inupiat	Kotzebue	25
Bering Straits	Unalakleet	15
	White Mountain	15
AVCP	Nunapitchak	15
	Aniak	24
	Tununak	11
	Pitkas Point	9
Bristol Bay	Ekwok	20
Aleutian	Unalaska	15
Metlakatla	Metlakatla	15
	Total	189

Regarding options to address the energy-efficiency of the 190 HUD homes that will be constructed with State financial assistance, the following are options that can be considered:

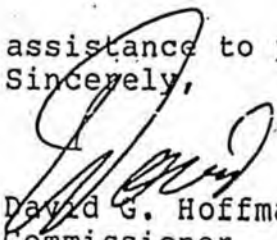
1. Education - This option would represent the status quo, except that education on energy-efficient conservation is being provided to the housing authorities through the Alaska Craftsman Training Program. While the housing authorities have been receptive to the information provided, their actions are limited by HUD's restriction of \$92,000 per home.

February 11, 1988

2. Amend AS 18.55.997 - The Supplemental Housing Development Grant Program matches HUD funding with State funds. Currently, the law allows the program to fund only the cost of on-site sewer and water facilities, road construction to project sites, and extension of electrical distribution facilities to individual residences. The law could be amended to include energy-efficiency in the allowable activities without necessarily needing an increase of State funding. If additional State funds are not earmarked for energy efficiency, however, this category must compete with the present categories which have been using up the funds.
3. Support the Incremental Costs of Building to the State Standard - According to our calculations, depending on the region in which the homes will be built, it will cost from \$1,279 to \$3,307 to build to the State standard over HUD's minimal standard. This would annually save \$209 to \$470, respectively, in energy costs to the low-income consumers. In FY89, this would have cost the State \$400,000 initially, and save an estimated \$94,000 annually in fuel costs (a 4.2-year payback).
4. Pay the Incremental Cost of Making the Homes Superinsulated - For an additional \$4,000, the homes could be built to reduce this energy consumption by at least 50%. This would cost the State an additional \$760,000 in 1988, but would have saved, conservatively, an estimated \$134,000 in fuel costs in the first year. (A 5.6-year paybook)

I agree with your concern regarding the energy-efficiency of new low-income rural housing. That is why we have made it a priority to work with the housing authorities on providing them technical assistance, and have adopted the residential energy standard.

I hope that the information is of assistance to you.
Sincerely,



David G. Hoffman
Commissioner

cc: Steve Baden
Program Coordinator
Conservation Programs
Department of Community and
Regional Affairs

FROM DON MARKLE, Program
Director

The Alaska Craftsman Home Program is about better built homes and people's health, safety, and comfort. The Consumer Federation of America estimates that poor indoor air pollution costs this country \$100 billion annually. Clearly, with estimates as high as 20,000 radon induced deaths a year nationally, the mitigation methods for indoor air pollution taught in the Alaska Craftsman workshops and embodied in the voluntary standards are sorely needed. Radon is only one of over 100 indoor pollutants found in homes that cost people money and affect health.

Rural Alaskans spend between 16% and 37% of their incomes on energy bills. In many cases the government pays those costs. A superinsulated Alaska Craftsman Home saves the home owner (or government) from 50% to 80% of the heating costs and could eventually reduce Alaska's home heating bill \$80,000,000 annually.

The Alaska Craftsman Home Program is designed to provide, technical information for the shelter industry and citizens of Alaska through an information network of people and publications. The program has its roots in the very successful \$50,000,000 Canadian R-2000 program and is closely tied to it. ACHP has trained 24 volunteer Alaskans to conduct workshops on the technology detailed in the new Alaska Craftsman Home Building Manual.

The program is a partnership of The Department of Community and Regional Affairs, University of Alaska Cooperative Extension Service, Energy Rated Homes of Alaska, and Alaska State Homebuilders Association.

The ACHP has set a voluntary performance standard based on the latest technology. Building this way results in significantly reduced energy bills, reduced home maintenance, increased comfort, reduced noise from outside sources, and improved indoor air quality. Plans are evaluated and homes are tested to assure compliance with the standards.

Legislation is pending to appropriate ~~some~~ \$1,721,000 to the program by HB 318, 319 and SB 308. Funding is needed in the areas of program support for administration, training activities, monitoring (22%), public education (19%), and incentives (59%). All activities, including the incentives, are educational in nature and approximately 25 jobs will be created as a result of this appropriation.

The program needs state support to revitalize our housing industry and allow Alaska to compete in the international housing market. Many political, economic development, and environmental groups recognize the potential of this program and support it. A growing listing of these include:

The Alaska Municipal League -	Northwest Arctic Mayors Conference -
The Matanuska Susitna Borough -	The Kenai Peninsula Borough -
The Kodiak Island Borough -	The Municipality of Anchorage -
Fairbanks North Star Borough -	City of Kodiak
City of Wasilla -	City of Palmer -
City of Anderson -	City of Kenai -
Housing Authorities -	City of Soldotna -
North Slope Borough Utilities -	Association of
Alaska Center for the Environment -	The Joint Energy Task Force of Utilities -
Alaska State Homebuilders Association -	The American Lung Association -
Mat-Su Homebuilders Association -	Interior Economic Development Council -
The Anchorage Daily News -	Interior Homebuilders Association -
	Building Industry Association of Anchorage -
	The Frontiersman



Alaska Craftsman Home program

Research, demonstration and development around the world has changed the way homes are being built in Northern climates. So many technical changes have taken place that an educational network is needed to keep the building industry in Alaska informed of the advancements. With such a network the Alaska building industry can stay abreast of advancements in other parts of the world as well as other parts of the state. The Alaska Craftsman Home Program is that educational network.

The Alaska Craftsman Home Program provides a voluntary education service which today can inform homebuilders of the methods to reduce the thermal requirements of a residence. The energy savings that can be achieved is only one benefit of an education network allowing research and field application experience to be systematically exchanged within the Alaska housing industry. The program is designed to provide:

- . technical information for the industry
- . a forum for the industry to help determine objectives for the State Finance and University Research Community.

GOAL:

The immediate goal of the Alaska Craftsman Home Program is to:

- . build thermal efficiency into the shelter industry in Alaska through education.

The long range goal of the program is to:

- . assist the Alaska shelter industry in providing the best, most appropriate and affordable shelter available.

In order to achieve these goals and to make the Alaska Craftsman Home Program work there will be a coordinated and visible effort on the part of the Alaska State Government, the University of Alaska and building industry trade associations in Alaska. The program will be a voluntary program that will establish an educational network for the shelter industry in Alaska.


DESCRIPTION:

PHASE 1

The Cooperative Extension Service and State Division of Community Development jointly initiated the program in 1985. A pilot series of building seminars were held March of 1986 in Juneau, Anchorage, and Fairbanks. One hundred three shelter industry people were introduced to the "superinsulation" building techniques through the Super Energy Efficient Home Workshop Series taught by internationally acclaimed experts. The reviews from the industry were very favorable. The program achieved its first goal, that being to secure the backing of the shelter industry in Alaska for a high quality builder education program on energy efficient building techniques.

PHASE 2

The second phase of the Alaska Craftsman Home Program began with the development of the first edition of the Alaska Craftsman Home Building Manual. The manual was developed by the Cooperative Extension Service with funding provided by the



U.S. Department of Energy, State Department of Community and Regional Affairs
Office of Energy Programs and Chugach Electric Association.

November of 1986 a select group of Alaskans associated with the shelter industry met with the Cooperative Extension Service and the manual contractor to complete the content of the Alaska Craftsman Home Building Manual. The first edition of the manual was completed March of 1987. This manual is the written guide for the Alaskan homebuilder concerning the energy efficient building technology.

The Cooperative Extension Service began to solicit and find 24 people from around the State to take part in the educational effort November of 1986. These people have since become the backbone of the Alaska Craftsman Building Program and are the industry educators for Alaska. These 24 people represent all regions of the State and are divided into 12 training teams. They came to the program with a vast amount of expertise on building homes in Alaska.

The 12 training teams have been given the knowledge, audiovisuals, materials, manuals, inspiration and a mandate to teach two day workshops on the Alaska Craftsman Building Program superinsulation building technology in their respective regions.

PHASE 3

Phase three activities will continue the educational effort through field workshops introducing the Alaska Craftsman techniques to the builders and interested people throughout Alaska. These workshops will be taught independently by the 12 Alaska training teams.

At the end of one year the training teams will come together again to critique the program. Materials, experiences and techniques will be reviewed. If necessary, the materials and program will be modified to the needs of the training teams and the clientele they serve. Techniques and experiences on retrofitting to Alaska Craftsman standards will be added to the program at this meeting and there is a possibility of rewriting the manual if warranted.

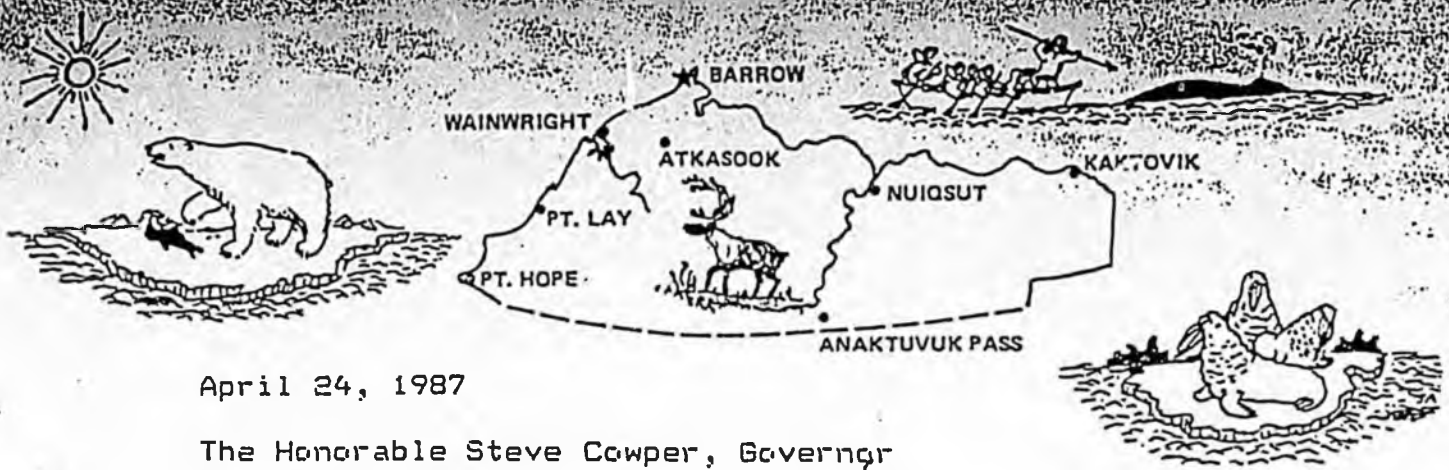
Marketing:

A marketing campaign will be developed and initiated during the phase three activities. The marketing effort will lead to the development of a specific clientele for the Alaska Craftsman Home. Successful promotion and sale of the Alaska Craftsman home will depend on communicating the benefits inherent to them. The marketing campaign will focus on six primary benefits:

- . significantly reduced energy bills
- . increased comfort
- . reduced noise from outside sources
- . improved indoor air quality
- . more durable
- . improved re-sale value

PHASE 4

The future of the program is now being developed. The goal is to establish an educational network that feeds new technology and research information to the builders in the Alaska and practical application experience and field needs to the research and product development community.



April 24, 1987

The Honorable Steve Cowper, Governor
State of Alaska
P.O. Box A
Juneau, Alaska
99811

FEB 22 1987

Dear Governor,

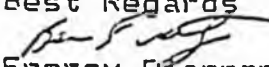
Recently we have received information regarding the Alaska Craftsman Home Program regarding education and implementation of efforts towards promoting high levels of energy efficiency for Alaskan Homes. Benefits to building super-insulated homes are far reaching encompassing home owners and the building industry, as well as having long range positive effects to community savings which assist in stimulating local economies, especially important to rural communities.

Here on the North Slope with communities paying the highest in the nation for heating fuel it is of the utmost importance to find and implement alternatives to insure our financial security for the years to come. Education for this generation and generations to come is very important. A recent state survey pointed out that the least likely way individual home owners learned about home energy efficiency was through the schools. With this in mind it is very important to establish a foundation on which to develop awareness for all alternatives available and capitalize on those alternatives that work.

The Alaska Craftsman Home Program Incentive Proposal is an idea which time has come, not for just our communities, but for all who call Alaska their "home". Development of the State of Alaska's Residential Thermal Standards brought us a long ways to promote the ideals of resource efficiency. Promotion on the commercial, community, and individual home owner level with it's development committed to education is indeed a worthwhile venture.

As Energy Planner for the North Slope Borough Utilities Dept. I support the Alaska Craftsman Home Program.

Best Regards


Energy Planner
N.S.B. Utilities

NORTH SLOPE BOROUGH

Dept. of Public Utilities • P.O. Box 69, Barrow, AK 99723 • Phone (907) 852 2511

Introduced by: Sewall, Glick

Date: September 1, 1987

Action: Adopted

FEB 22 1988

Vote: Unanimous

RECEIVED SEP 2 1987

KENAI PENINSULA BOROUGH

RESOLUTION 87-81

IN SUPPORT OF THE ALASKA CRAFTSMAN HOME PROGRAM FOR REDUCED HOME ENERGY CONSUMPTION

WHEREAS, high quality energy efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve health and safety of the occupants of dwellings, improve indoor air quality, reduce the contributions of dwellings to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner; and

WHEREAS, the citizens of the Kenai Peninsula Borough will benefit substantially from the construction of energy efficient homes following the guidelines developed by the Alaska Craftsman Home Program;

NOW THEREFORE, BE IT RESOLVED BY THE ASSEMBLY OF THE KENAI PENINSULA BOROUGH:

Section 1. That it is the policy of the Kenai Peninsula Borough to encourage the construction of homes to the energy efficient standards of the Alaska Craftsman Home Program.

ADOPTED BY THE ASSEMBLY OF THE KENAI PENINSULA BOROUGH ON THIS 1 DAY OF September, 1987.

ATTEST:

Jonathan W. Sewall
Jonathan W. Sewall, Assembly President

Joanne Brundley
Borough Clerk

by Catherine J. R. Race, Rep. Clerk

BERING STRAITS REGIONAL HOUSING AUTHORITY

Regular Meeting
of the
Board of Commissioners
April 14, 1987

Resolution 87-07

WHEREAS, high heating bills remain the greatest drain on income for Rural Alaska Residents, and

WHEREAS, programs such as the Low Income Household Energy Assistance Program (LIHEAP) and Power Cost Equalization (PCE) help Rural Alaska residents pay energy bills, and

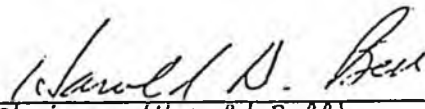
WHEREAS, even with these programs, many low income Rural Alaska residents must use large amounts of their limited cash to buy heating oil, and

WHEREAS, new high efficiency heating equipment could reduce oil consumption in thousands of rural homes by 30 - 50% , and

WHEREAS, these high efficiency units cost \$500 to \$1,000 and most Rural Alaska residents do not have sufficient capital to purchase these units,

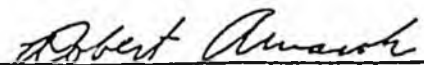
NOW THEREFORE, be it resolved that the Board of Commissioners of the Bering Straits Regional Housing Authority support the idea of the State of Alaska establishing a Low Interest Revolving Loan Fund that would enable people to reduce their heating-oil consumption and save money;

Passed and approved by the Board of Commissioners of the Bering Straits Regional Housing Authority this 14 day of April, 1987.



Chairman (Harold Bell)

SEAL

Attest: 

Secretary (Robert Amarok)

Sum/Alaska / AKGA proposal

FYI + comments

Jul 57 - 443-5651

REVOLVING LOAN FUND
TO PROMOTE EFFICIENT USE OF HEATING OIL IN RURAL ALASKA

SUMMARY: Establish a revolving loan fund which would enable rural residents to borrow up to \$1000 to purchase either a high efficiency heater or a high efficiency (retention-head) burner.

The loan fund should be administered by the Department of Community and Regional Affairs. Contracts to approve loans and collect payments should be given to rural oriented social service agencies or rural municipal governments.

Loans should be provided for a two and one half year period at five percent interest.

The size of the fund would depend upon the approach:

A single agency fund of \$100,000 could reach 225 households in an eight year period.

A statewide multi-agency fund of \$500,000 could reach 1164 households in an eight year period.

PROBLEM STATEMENT:

High heating bills remain the greatest drain on income for rural residents. In times of economic distress, rural residents have the ability to cut back and/or do without many items that require cash. Heat, however, is essential and in many areas of the state heat is synonymous with heating oil which can only be obtained with cash.

Various programs help rural residents pay energy bills. The Low Income Household Energy Assistance Program (LIHEAP) and the Power Cost Equalization (PCE) program provide significant help for large numbers of rural residents each year. The Low Income Weatherization Program has gradually helped lower consumption and energy bills in many communities.

Even with these programs, many low income rural residents must use large amounts of their very limited cash to buy heating oil. This situation contributes to the poverty of the individual families and the community as a whole.

Money spent for oil has very little positive effect on the local village economy. Dollars are "exported" to oil companies and only a small percentage circulates in the village or state to provide jobs and other economic benefits.

This situation could be very positively changed if heating equipment in rural areas was improved. New high efficiency heating equipment could reduce oil consumption in thousands of rural homes by thirty to fifty percent!

The most common type of oil heater in rural Alaska is the drip pot burner. Some recently built HUD houses have furnaces or boilers. Virtually all of the drip pot burners could be replaced with high efficiency heaters (Monitors or comparable) and many oil burners in the furnace and boilers systems could be replaced with high efficiency burners.

These replacement units could pay for themselves through reduced energy bills in one to three years.

The cost of these high efficiency units ranges from \$500 to \$1000. Though some rural homeowners have purchased these items on their own, many do not have sufficient capital or are unwilling to spend such a large amount of their limited funds for something that is not an essential need. (A heater is essential but replacing it is not unless it breaks.) Another factor is the fact that many people still do not know enough about the new technology.

The need for efficient heating equipment in rural Alaska is very significant. The Alaskan Statewide Housing Needs Study, Phase I Report, November, 1982, indicated that there were 7,913 occupied housing units in "remote" areas of the state. The study provided not data about the number of drip pot burners. However, RurAL CAP research and experience suggests that drip pot burners or inefficient burners are used in approximately fifty percent of these homes.

The study indicated that there were 28,355 "rural" housing units in Alaska in 1980. It would be safe to conclude that fifteen to twenty-five percent of these use drip pot heaters or inefficient burners.

The Department of Energy weatherization program does allow replacement of drip pot heaters and oil burners. However, this measure has only been authorized in since 1986. In addition, though many people could use the new technology, limited funds often prevent the program from supplying the heaters. Though several items can qualify under the energy saving guidelines, comfort is often a consideration that dictates installing new windows and doors instead of replacing the heating unit.

It is difficult to predict the number of rural people who would use a loan program. Previous energy conservation loan programs have not served rural people well because they were difficult to apply for and to obtain since many people could offer no collateral. Lack of information has also been a factor.

Borrowing money has also been inconsistent with native cultural habits though many do get loans to purchase commercial fishing equipment.

PROPOSAL BENEFITS:

A low interest revolving loan fund would enable people to significantly reduce their heating oil consumption and save money. In order to be most effective, the program should be operated through agencies that

have regular on-site contact with rural people. This would ensure that the program was well publicized. It would also help ensure repayment of the loans.

Quite likely, the program would have a high default rate. Even so, the state should view the program as a way to help rural residents deal with high energy bills in a more productive way than by giving grants or subsidies.

A loan program would have the additional benefit of giving rural people a degree of ownership of their problem. It would provide an incentive to take responsibility for their situation and provide a way for them to help themselves.

FINANCIAL ANALYSIS:

Two scenarios would be feasible. One option would provide a \$100,000 fund to one agency. A second option would appropriate \$500,000 which should be distributed to several agencies.

The attached rough calculations evaluate a ten year period. After the eighth year loans would not be made. Collection efforts would continue until the end of the tenth year. All remaining funds would be returned to the State and the program would end.

These calculations assume the following:

1. Each loan would be for \$1000, 2.5 years, at 5% interest. Repayment of the loan would be monthly.
2. The fund would be banked so as to draw interest at 10%.
3. Costs of operating the program would be 15% of the amount loaned for that year. After the eighth year it would be a fixed amount.
4. All loans would be made at the beginning of the year. (This would likely not be the case but it simplifies calculations.)
5. The default schedule would be:
 - 50% repaying the complete loan.
 - 15% repaying 75% of the loan.
 - 15% repaying 50% of the loan.
 - 10% repaying 25% of the loan.
 - 10% repaying 0% of the loan.

Given these assumptions, a \$500,000 fund would enable the state to finance approximately 1164 units for a total cost of \$385,281.00. A \$100,000 fund would finance approximately 225 units for a total cost of \$82,125.

A larger program could be instituted if demand for the loans warranted it and the state chose to do so.

FEB 07 1988

RESOLUTION OF THE ALASKA MUNICIPAL LEAGUE

RESOLUTION NO. 88-36

A RESOLUTION SUPPORTING ENERGY EFFICIENCY OF HOMES.

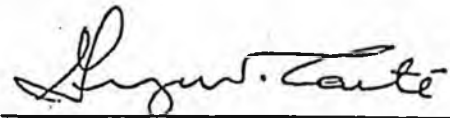
WHEREAS, high-quality energy-efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve the health and safety of the occupants, improve indoor air quality, reduce the contribution of dwellings to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner, and

WHEREAS, Alaska state lawmakers have introduced legislation which supports efficiency in homes that support the Alaska Craftsman Home Program and this legislation will help improve and stimulate the home building industry in Alaska through incentives and education and, thereby, improve the local economy of the State, and

WHEREAS, the citizens of the State of Alaska will benefit substantially from the building of energy-efficient homes as developed by the Alaska Craftsman Home Program;


NOW, THEREFORE, BE IT RESOLVED that it is the policy of the Alaska Municipal League to encourage the building of homes to the energy-efficient standards of the Alaska Craftsman Home program and further that the Alaska Municipal League supports legislation to establish similar state policy and state support for the Alaska Craftsman Home Program.

Adopted this 13th day of November 1987.



George W. Garte', President

ATTEST:


Scott A. Burgess, Executive Director

CITY OF PALMER, ALASKA

RESOLUTION NO. 765

RECEIVED
FEB 07 1988

A RESOLUTION SUPPORTING THE ALASKA CRAFTSMAN HOME PROGRAM.

WHEREAS, high quality energy efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve the health and safety of the occupants, improve indoor air quality, reduce the contributions of dwellings to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner, and

WHEREAS, Alaska State lawmakers have introduced legislation in the form of Senate Bill 308 and House Bill 318 and 319 which supports the Alaska Craftsman Home Program, and

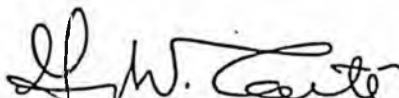
WHEREAS, these bills will help improve and stimulate the homebuilding industry in Alaska through incentives and education and thereby improve the local economy of the State, and

WHEREAS, the citizens of the State of Alaska and City of Palmer will benefit substantially from the building of energy efficient homes as developed by the Alaska Craftsman Home Program,

NOW, THEREFORE BE IT RESOLVED that the City of Palmer encourages the building of homes to the energy efficiency standards of the Alaska Craftsman Home Program.

BE IT FURTHER RESOLVED that the City of Palmer supports Alaska State Senate Bill 308 and House Bill 318 and 319 to establish similar State policy and State support for the Alaska Craftsman Home Program.

Approved and adopted by the Palmer City Council this 27th day of October, 1987.



GEORGE W. CARTE, MAYOR



S. WELLS WILLIAMS, ACTING CITY CLERK

RECEIVED
DEC 17 1987

CITY OF KODIAK
RESOLUTION NUMBER 51-87 FEB 11 1988

A RESOLUTION OF THE COUNCIL OF THE CITY OF KODIAK SUPPORTING
THE ALASKA CRAFTSMAN HOME PROGRAM

WHEREAS, high quality energy efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve the health and safety of the occupants, improve indoor air quality, reduce dwellings' contribution to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner; and

WHEREAS, the Alaska State Legislature has introduced legislation in the form of Senate Bill 308 and House Bills 318 and 319 that support the Alaska Craftsman Home Program with the expectation that these bills will help improve and stimulate the homebuilding industry in Alaska through incentives and education and thereby improve the local economy of the City of Kodiak; and

WHEREAS, the citizens of Kodiak will benefit substantially from the building of energy efficient homes as developed by the Alaska Craftsman Home Program,

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Kodiak, Alaska, the City of Kodiak encourages the building of homes to the energy efficient standards of the Alaska Craftsman Home Program and further that the City of Kodiak supports Alaska State Senate Bill 308 and House Bills 318 and 319 to establish similar state policy and state support for the Alaska Craftsman Home Program.

PASSED AND APPROVED this 14th day of DECEMBER, 1987.

CITY OF KODIAK

Robert B. Brodie
MAYOR

ATTEST: "

Marcelle Dalke
CITY CLERK

FEB 16 1988

ASSOCIATION OF ALASKA HOUSING AUTHORITIES

RESOLUTION NO. 87-9

A RESOLUTION SUPPORTING THE ALASKA CRAFTSMAN HOME PROGRAM.

WHEREAS, high quality energy efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve the health and safety of the occupants, improve indoor air quality, reduce the contributions of dwellings to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner, and

WHEREAS, Alaska State lawmakers have introduced legislation in the form of Senate Bill 308 and House Bill 318 and 319 which supports the Alaska Craftsman Home Program, and

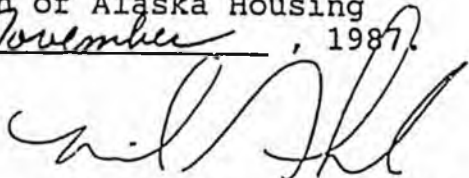
WHEREAS, these bills will help improve and stimulate the homebuilding industry in Alaska through incentives and education and thereby improve the local economy of the State, and

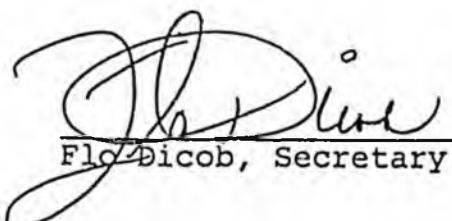
WHEREAS, the citizens of the State of Alaska will benefit substantially from the building of energy efficient homes as developed by the Alaska Craftsman Home Program,

NOW THEREFORE BE IT RESOLVED that the Association of Alaska Housing Authorities encourages the building of homes to the energy efficiency standards of the Alaska Craftsman Home Program.

BE IT FURTHER RESOLVED that the Association of Alaska Housing Authorities supports Alaska State Senate Bill 308 and House Bill 318 and 319 to establish similar State policy and State support for the Alaska Craftsman Home Program.

Approved and adopted by the Association of Alaska Housing Authorities this 24 day of November, 1987.


Mike Shuler, President


Flo Dicob, Secretary

File

FEB 16 1988



CITY OF ANDERSON

P.O. Box 3100 • Anderson, AK 99744 • Phone (907) 582-2500

In Reply
Refer To:

April 20, 1987

The Honorable Steve Cowper
Governor
State of Alaska
Pouch
Juneau, Alaska 99811

Dear Governor Cowper:

On behalf of the City I am writing in support of the Alaska Craftsman Home Program, (ACHP). ACHP's efforts to promote residential energy efficiency in home building construction has been impressive.

The reduction in housing costs and maximization of thermal efficiency should be a major component in any attempt to develop Alaska's rural economy(s).

Local economic development efforts, currently underway in communities such as the City of Anderson, would be positively enhanced through the state's support of the ACHP.

Your support of programs such as the Alaska Craftsman Home Program, can help to ensure for the successful development of both rural and urban Alaska alike.

Thank you.

Sincerely,

THE CITY OF ANDERSON

Lanston Chinn
Lanston Chinn
City Administrator

10/1

cc: Philip G. Loudon ✓

International Conference of Building Officials

Alaska Southeast Chapter

POSITION PAPER SB-308 HB-318 ENERGY EFFICIENT BUILDING TECHNOLOGY

Our members support this bill and all efforts to achieve affordable well built housing in Alaska.

The standards of the Alaskan Craftsman Home Program represent the latest in scientific technology adapted to our unique climatic and economic conditions. Homes built to these standards will be healthier, less expensive to maintain and more durable than other housing units.

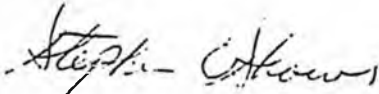
Creation of this fund will provide needed employment in the construction industry. This program could dramatically reduce the energy consumption of both new and existing dwellings in the State.

Local economies will benefit from the increase in disposable income which these energy savings will provide. Increased employment and improved general health of the population will contribute to long term economic stability.

These housing units are the legacy we will leave to future generations. Our innovations and courage will be appreciated now and for many years to come.

We request your continued support in this effort.

Sincerely,



Stephen O. Shows
President

FEB 26 1988

By: Juanita Helms
Introduced: 01/14/88
Adopted: 01/21/88

RESOLUTION NO. 88-008

A RESOLUTION SUPPORTING ENERGY EFFICIENCY OF HOMES

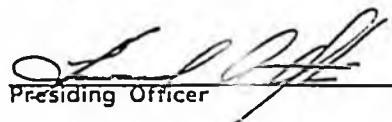
WHEREAS, high-quality energy-efficient building technology developed by the Alaska Craftsman Home Program would substantially reduced home energy consumption. improve the health and safety of the occupants, improve indoor air quality, reduce the contribution of dwellings to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner, and

WHEREAS, Alaska state lawmakers have introduced legislation which supports efficiency in homes that support the Alaska Craftsman Home Program and this legislation will help improve and stimulate the home building industry in Alaska through incentives and education and thereby, improve the local economy of the State, and

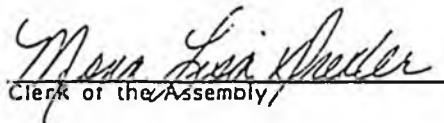
WHEREAS, the citizens of the borough will benefit substantially from the building of energy-efficient homes as developed by the Alaska Craftsman Home Program.

NOW, THEREFORE, BE IT RESOLVED that it is the policy of the Fairbanks North Star Borough to encourage the building of homes to the energy-efficient standards of the Alaska Craftsman Home Program and further that the borough assembly supports legislation to establish similar borough policy and borough support for the Alaska Craftsman Home Program.

PASSED AND APPROVED THIS 21ST DAY OF JANUARY, 1988.


Presiding Officer

ATTEST:


Clerk of the Assembly

FEB 29 1988

Sponsored by: Gieseler

CITY OF SEWARD, ALASKA
RESOLUTION NO. 87-079

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
SEWARD, ALASKA, IN SUPPORT OF THE ALASKA CRAFTSMAN
HOME PROGRAM FOR REDUCED HOME ENERGY CONSUMPTION

WHEREAS, high quality energy efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve health and safety of the occupants of dwellings, improve indoor air quality, reduce the contributions of dwelling to outdoor air pollution, increase home durability, reduce home maintenance needs and increase the economic stability of the owner; and

WHEREAS, in the First Session of the Fifteenth Alaska Legislature, Senate Bill 308 and House Bill 318 supporting the Alaska Craftsman Home Program were introduced; and

WHEREAS, the adoption of said bills would improve and stimulate the home building industry in Alaska through incentives and education, thereby contributing to the overall economy of the state and the city of Seward; and

WHEREAS, the citizens of the city of Seward will benefit substantially from the construction of energy efficient homes following the guidelines developed by the Alaska Craftsman Home Program;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SEWARD, ALASKA, that:

Section 1. It is the policy of the city of Seward to encourage the construction of homes to the energy efficient standards of the Alaska Craftsman Home Program.

Section 2. The City Council supports the concepts as set out in Senate Bill 308 and House Bill 318 as introduced in the First Session of the Fifteenth Alaska Legislature to establish such a state policy and to provide support for the Alaska Craftsman Home Program. . . .

Section 3. This resolution shall take effect immediately upon its adoption.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF SEWARD, ALASKA, this 14 day of September, 19 87.

FEB 29 1988

RECEIVED 10 10 1987

Suggested By: City Council

CITY OF KENAI

RESOLUTION 87-57

A RESOLUTION OF THE COUNCIL OF THE CITY OF KENAI, ALASKA, SUPPORTING THE ALASKA CRAFTSMAN'S HOME PROGRAM FOR REDUCED HOME ENERGY CONSUMPTION CONCEPT.

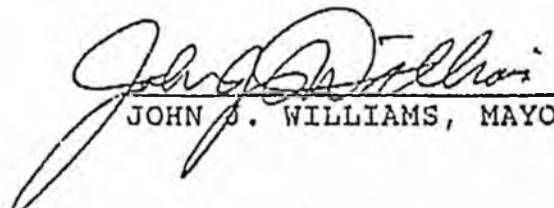
WHEREAS, in the first session of the Fifteenth Alaska Legislature, SB 308 and HB 318 supporting the Alaska Craftsman's Home Program were introduced, and

WHEREAS, the adoption of said bills would improve and stimulate the home building industry in Alaska through incentives and education thereby contributing to the overall economy of the state, the Kenai Peninsula Borough and the City of Kenai, Alaska, and

WHEREAS, the Alaska Craftsman's Home Program will be benefitted economically by reducing home energy consumption, they will also be benefitted by improved health and safety of such constructed dwellings, the indoor air quality will be improved and their home maintenance needs will be decreased.

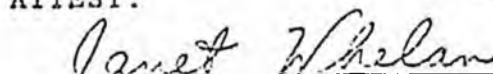
NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF KENAI, ALASKA, that said Council supports the concepts as set out in SB 308 and HB 318 as introduced in the first session of the Fifteenth Alaska Legislature to establish a state policy and to provide support for the Alaska Craftsman's Home Program.

PASSED BY THE COUNCIL OF THE CITY OF KENAI, ALASKA, this 2nd day of September, 1987.



JOHN S. WILLIAMS, MAYOR

ATTEST:



Janet Whelan, City Clerk

MAR 1 1988

Introduced by: Mayor Jones
 Introduced: 06/02/87
 Drafted by: G.L.S.

MATANUSKA-SUSITNA BOROUGH

Resolution Serial No. 87-66

A RESOLUTION SUPPORTING THE ALASKA CRAFTSMAN HOME PROGRAM FOR
 REDUCED HOME ENERGY CONSUMPTION.

WHEREAS, high quality energy efficient building technology developed by the Alaska Craftsman Home Program would substantially reduce home energy consumption, improve health and safety of the occupants of dwellings, improve indoor air quality, reduce the contributions of dwellings to outdoor air pollution, increase home durability, reduce home maintenance needs, and increase the economic stability of the owner, and

WHEREAS, in the First Session of the Fifteenth Alaska Legislature, Senate Bill 308 and House Bill 318 supporting the Alaska Craftsman Home Program were introduced, and

WHEREAS, the adoption of said bills would improve and stimulate the home building industry in Alaska through incentives and education, thereby contributing to the overall economy of the state and the Matanuska-Susitna Borough, and

WHEREAS, the citizens of the Matanuska-Susitna Borough will benefit substantially from the construction of energy efficient homes following the guidelines developed by the Alaska Craftsman Home Program;

NOW, THEREFORE, BE IT RESOLVED BY THE ASSEMBLY OF THE

1. That ~~it is~~ ^{it is} the policy of the Matanuska-Susitna Borough to encourage the construction of homes to the energy efficient standards of the Alaska Craftsman Home Program.

2. That the Assembly supports the concepts as set out in Senate Bill 308 and House Bill 318 as introduced in the First Session of the Fifteenth Alaska Legislature to establish such a state policy and to provide support for the Alaska Craftsman Home Program.

PASSED AND APPROVED by the Assembly of the Matanuska-Susitna Borough this 2nd day of June, 1987

Dorothy A. Jones
 Dorothy A. Jones, Mayor

ATTEST:

Chris Seagraves
 Chris Seagraves, Borough Clerk

TTEST:

Chris Seagraves