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EXCERPTS FROM LETTERS

(OF COMMENDATION AND APPROVAL

OF CEER'S PROGRAM ACTIVITIES

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CENTER FOR ENERGY AND ENVIRONMENT RESEARCH

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OF COMMENDATION AND APPROVAL

OF CEER'S PROGRAM ACTIVITIES.

The following excerpts are from letters written to the Director of the Center for Energy and Environment Research by U.S. Department of Energy officials:

December 1977

«We are again pleased to see continuing progress in the evolution of the Center into a comprehensive energy research and education resource both for the Universities of Puerto Rico and the Commonwealth Government

We are again pleased to see good progress continuing in the various Center programs and look forward to working closely with you and your associates throughout the transition period.

Joe! Snow

Associate Director for Research Prue.

Office of Energy Research

US. Department of Energy

March 20, 1978

?Zam particularly optimistic for the prospect of the Center to become an international center of environmental research and training for Latin America *

?eff Swinebroad, Manager

Environmental Programs

Division of Biomedical and

Environmental Research

US. Department of Energy

July 26, 1978

you have been extremely pleased with the progress you and your colleagues have been making this year, and sincerely hope that the new funding level will or leave allow continued, if slower, progress next year?

Joel Snow

Associate Director for Research Prue

Office of Energy Research

US. Department of Energy

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October 10, 1978

Good progress has been made in the last twelve months in developing.

more comprehensive conservation R&D program focused on specific Commission needs and problems.

stronger,

Commonwealth

This (Solar Technology) remains a strong research area in the overall program,

in conclusion, the Oversight Committee is again pleased to see the progress being

made in the individual CEER research programs."

Joel Snow

Associate Director for Research Policy

Office of Energy Research

US. Department of Energy

August 3, 1979

's a result of our meeting and other discussion, members of the Oversight Com
?mittee have indicated satisfaction with the progress made by the CEER during the
?urrent program year despite funding limitations and deferrals, We believe that c
strong foundation has been laid for future year accomplishments

Toni Grayson Joseph
Associate Director for

Field Operations Management
Office of Energy Research
US. Department of Energy

February 4, 1980

?My Department of Energy co-lieagues are all impressed with the progress being made

in many of the key areas and we look forward to assisting you in the next phases of the Center's activities.

Richard E. Stephens, Director

Division of Institutional Programs

Office of Energy Research

US. Department of Energy

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February 20, 1981

I want to congratulate you on the quality of work that Don Sasscer and the Center for Energy and Environment Research have been doing on the Landing Graft Utility (LCL) off the coast of Punta Tuna. The uninterrupted supply of seawater to the heat transfer monitors for the Biofouling Corrosion and Materials (BCM) Program has been notable in OTEC development.

?The entire team are to be congratulated for finding a way to implement your excellent and creative suggestions to Mr. F. Castellon.?

William E, Richards

Acting Director

Division of Ocean Energy Systems

US. Department of Energy

Excerpts of letters from the Department of Energy addressed to

Dr. Ismael Almodovar, President, University of Puerto Rico,

July 21, 1980

?Let me say at this point how pleased we are with the substantial progress made
?by the Center during the past five years in developing and carrying out important
?energy research and development programs of relevance both to the Commonwealth
Government and to the Department.

?I am also pleased to see that you are proposing that future financial support of
the Center's core activities be provided jointly by the University and the Common:
?wealth. We have always viewed such support as essential to the future of the Center,

Feward F. Frieman

Director of Energy Research

US. Department of Energy

May 14, 1981

[is believe that the excellent progress made by the Center over the last several years in developing strong programs in such areas as biomass and bioconversion, solar photovoltaics, conservation, and energy-related research has made the Center competitive with other research laboratories pursuing similar work. Increased efforts must be made, of course, to diversify the base of financial support for the Center including, where possible, increased support from the university itself, the Commonwealth Government, and from private industry. We believe that the Center's past and current accomplishments will significantly aid this diversification.]

1. Douglas Pewitt

Acting Director

Office of Energy Research

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The following excerpts are from letters written by local government agencies and from members of the UPR President's Senior Advisory Committee on Energy and Environment.

19 de septiembre de 1979

Esta Junta considera que el gobierno de Puerto Rico debe prestarle atención prioritaria a la problemática energética desde la perspectiva de la investigación científica y tecnológica al desarrollo de fuentes alternativas de energía con el fin de garantizar el arma más efectiva para continuar el desarrollo obtenido y alcanzar los niveles de Bienestar social. Entendemos que el CEEA está llevando a cabo una investigación con el propósito de buscar alternativas que permitan que Puerto Rico libere total o parcialmente de la dependencia energética preexistente.

Por último, se recomienda que se explore la alternativa de que la Oficina de Puerto Rico aporte fondos a los programas de investigación y desarrollo del CEEA.

edo, Miguel A. Rivera Rios

Presidente, Junta de Planificación de P.R.

February 4, 1980

To: Dr. Gary H. Toenniessen

The Rockefeller Foundation

They have served for three and a half years on the Advisory Committee to CEER (Center for Energy and Environment Research), University of Puerto Rico

"They are dedicated... to resolve some of the environmental problems and economic dilemmas of Puerto Rico at the same time.

They have off the shores of Puerto Rico at Punta Tuna the finest site in the world for OTEC (Ocean Thermal Electric Conversion).

They have affiliated with CEER a USDA-supported plant physiologist by the name of Alexander who has been testing and breeding strains of sugarcane for energy production... He has had great success

Puerto Rico also has one of the few tropical rainforests within U.S. territory, a rain forest which has been much studied but which should be truly a national treasure

Last year Dr. Lawrence Tily has joined CEER as Director of all ecological and environmental programs. He is a forest scientist with particular expertise in limnology."

Here in Puerto Rico are energy projects, agricultural projects, and environmental projects all together at one time.?

Prof. David M. Gates

Professor of Botany

University of Michigan

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February 7, 1980

I believe that an organization such as CEER devoted primarily to researching energy problems of the area, is vital, and should continue to exist in the future?

Dr. Derek P. Gregory

Vice President

Engineering Research

Institute of Gas Technology

February 26, 1980

Upon evaluating your preliminary report entitled "Research and Development Program Needs for Energy Alternatives in Puerto Rico" we agree that the Center role should appropriately be redefined so as to enable it to perform the research and development program for attaining Puerto Rico's energy independence. We are aware of course that in order to fulfill this expanded role the Center will more probably require additional funding.

Ing. José Marina, Director

Planning and Engineering

Puerto Rico Electric Power Authority

14 de julio de 1980

Con ocasión de la Segunda Semana de la Contención de Energía, aprovechamos esta ocasión para reiterarle nuestro agradecimiento por su valiosa colaboración en esta actividad, que ha sido de enorme utilidad para todos.

Sra. Octavia Maldonado Pons

Coordinadora, Programa de Gobierno

Oficina de Energia de Puerto Rico

9 de enero de 1987

"Les felicito por haber alcanzado varias de las metas en los programas de ecología y desarrollo de fuentes alternas de energía. Les exhorto a continuar trabajando en busca de soluciones de los programas energéticos y ambiental de nuestra isla

Enaro Colleze Collazo

Secretario

Departamento de Servicios Sociales

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To: Dr. Alex G. Alexander

Head, Biomass Division

February 6, 1981

I have already told you how much we (the Committee) appreciated your presence last month. How impressed we were at the progress you have made toward development of an energy cane (Sordan 77) and the fact you were beginning @

?movement toward the operation of a biomass fuel 300 MW power plant.

Dr. Melvin Galvin

Professor of Chemistry

University of California

and Nobel Prize Winner

10 de Febrero de 1981

?Les felicitamos por la excelente labor realizada y le deseamos continuados éxitos en sus programas.?

Wilson M, Loubriet

Director Ejecutivo

Autoridad de los Puertos

To: Sr. Carlos Quirés

Director de Operaciones y Gerencie Gubernamental

Oficina del Gobernador

March 20, 1981

?Consideré prudente, por lo tanto, dirigirme a usted ya que estimo que la labor que el Centro realiza es encomiable y necesaria para continuar el funcionamiento de le dunte de Calidad Ambiental y otras agencias gubernamentales.?

?En especial, tenemos sumo interés en desarrollar programas integrados en educación ambiental y en el desarrollo de esténdares de calided ambiental que tomen en considera: cidn las condiciones tropicales de nuestra Isla. Estos proyectos son de alta necendad

?no solamente en Puerto Rico, sino en todo el Caribe."

Pedro A. Gelabert

Presidente

Junta de Calidad Ambiental

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To: Sr. Carlos Quirids

Coordinador Interagenciel

1a Fortaleza

San Juan, Puerto Rico

Mar. 12, 1981

?Las funciones del CEA son complementaras

las actividades del Departamento de

Recursos Naturales y a

les de otras agencias det gobiemno,""

?ta labor de investigación del CEEA es ind

lapensable para la soluci3n de nuestros pro-

blemas energeticos y ambientales y para ef

Dlenestar de nuestro Puerto Rico,"

Fred V. Soltero Harrington, Ph.D.

Seeretario

Departamento de Recursos Neturales

prea tom Caribbean Region Solar Coopertion Study (Sanuary 6, 1979)

Prepared for SERI by Donovan, Hamster, and Retting: pa

TEEPE from the NAS report Energy in Puerto Rico's Future (2020),
the Committee on Future Alternatives for Puerto Rico at the request of
the Puerto Rico Government.

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