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CCAP [Climate Change Action Plan] Implementation: Local Efforts Letters/Projects

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THE WHITE HOUSE
WASHINGTON

December 17, 1993

Dr. James Cavallo
Economics and Law Section
Decision and Information Sciences Division
Argonne National Laboratory
9700 South Cass Avenue
Building 900
Argonne, IL 60439

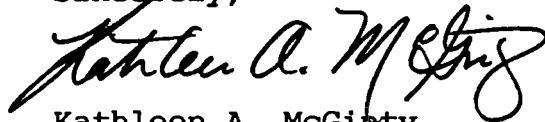
Dear Dr. Cavallo:

Thank you for contacting me regarding your interest in the President's Climate Change Action Plan. It was good to hear from you, and I sincerely apologize for the delay in responding.

I certainly appreciate learning about your work at the Argonne National Laboratory to develop local efforts to reduce greenhouse gas emissions by providing energy efficient technologies for low-income housing developers. President Clinton and I are committed to the study, development, and implementation of new and innovative approaches to addressing today's pressing environmental challenges. I have taken the liberty of sharing your letter with the appropriate White House staff that are handling the implementation of the Climate Change Action Plan.

Again, thank you calling your work to my attention.

Sincerely,



Kathleen A. McGinty
Director, White House Office on
Environmental Policy

KAM/avl

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE - BLDG 900, ARGONNE, ILLINOIS 60439-4832

TELEPHONE 708/252-8688

October 25, 1993

Kathleen McGinty
Director
Office of Environmental Policy
1600 Pennsylvania Avenue, N.W.
Washington, D.C. 20500

Dear Ms. McGinty:

I recently read the Climate Change Action Plan by President Clinton and Vice President Gore. It seemed to me that there are many opportunities for community level efforts to reduce greenhouse gas emissions in addition to the action descriptions included in the plan. I would be happy to discuss with your staff some of the opportunities for reducing greenhouse gas emissions through energy efficient rehab in low-income urban areas. I have enclosed a fact sheet about the program we are developing at Argonne National Laboratory for the Midwest region.

I can be reached by phone at (202) 252-8688.

Sincerely,

A handwritten signature in black ink, appearing to read "James Cavallo". The signature is fluid and cursive, with the first name "James" written in a smaller, more compact script than the last name "Cavallo".

James Cavallo, Ph.D.
Economics and Law Section
Decision and Information Sciences Division

Enclosure

Energy Efficiency Studies of Buildings in the Midwest Region

Energy and Environmental Science and Technology Programs

Local communities can make an important contribution to the reduction of greenhouse gas emissions and the elimination of wasteful energy use. Their energy saving efforts also can lower operating budgets and make low-income housing more affordable. Often, however, learning about energy efficient building practices can be time consuming and problematic for local government officials and community developers.

Argonne National Laboratory's Energy and Environmental Science and Technology Programs (EEST) works one-on-one with communities in the Midwest region to support the transfer of the latest in building technology and increase the efficiency with which energy is used in buildings.

Multidisciplinary Approach

Experienced teams are assembled for each project from a multidisciplinary staff of professionals in Argonne's Energy Systems, Environmental Assessment, and Decision and Information Sciences Divisions. Argonne also draws on its long-term associations with the university community within the Midwest, including the Energy Resources Center at the University of Illinois at Chicago and the Institute for Interdisciplinary Engineering Studies at Purdue University. The professionals working with community development organizations and local governments have advanced degrees in engineering, architecture, economics, and computer applications. The research and technology transfer teams approach to solving problems produce innovative and cost-effective solutions.

Working within a Larger Environment

Argonne's Energy Efficiency Studies of Buildings in the Midwest works within two major EEST research programs: the Energy Efficiency and Renewable Energy Program, under the direction of Dr. William Schertz, and the Global Climate Research Program, under the direction of Dr. Ruth Reck. In addition, Argonne scientists and engineers maintain close relations with the U.S. Department of Energy's major laboratories in the building science field (Oak Ridge National Laboratory, Lawrence Berkeley Laboratory, and Battelle Pacific Northwest Laboratories) and the state energy offices in the Midwest. These connections permit the Argonne teams to specialize in unique building stock, climate, and regulatory requirements of the Midwest and fit the correct solutions to the needs of local communities.

For more than 45 years, Argonne National Laboratory has been a leading center for research and development related to energy issues and technologies. With the interdependence of energy efficiency and environmental quality becoming ever more clear, Argonne's research, like that of the other national energy laboratories, has grown in importance. Argonne's main site is about 25 miles southwest of Chicago, Illinois. Argonne National Laboratory is operated by the University of Chicago under contract to the U.S. Department of Energy.

☐ Technical Assistance to Community Development Organizations

☐ Multidisciplinary Professional Staff

☐ Computer Modeling of Building Energy Use

☐ Lead Paint Removal Technologies

☐ Benefit/Cost Studies

☐ Geographical Information Systems for Urban Areas

☐ Building Energy Audits

☐ Greenhouse Gas Emission Studies

☐ Technology Transfer and Adoption Studies

☐ Evaluation of Cogeneration and Demand-Side Management Programs

Argonne National Laboratory

9700 S. Cass Avenue
Argonne, IL 60439

For further information
Contact:

James Cavallo, Ph.D.
(708) 252-8688

or

Roger Cole, Ph.D., P.E.
(708) 252-6245

James D. Cavallo, Ph.D., is an economist and project manager in the Decision and Information Sciences Division of Argonne National Laboratory. He and Roger Cole, Ph.D., P.E., lead a multidisciplinary team specializing in energy efficient building rehabilitation in the Midwest. The team works directly with community development organization and local governments. Dr. Cavallo has held his current position with Argonne since 1992. He was at Argonne's Energy and Environmental Systems Division from 1975 until 1980. Prior to his return to the Laboratory, Dr. Cavallo was at the Potomac Electric Power Company, the progressive electric utility serving Washington, D.C. and suburban Maryland, where he supervised the staff of economists forecasting long-term electricity demand and the impact of the Company's demand-side management programs. Dr. Cavallo received his doctorate in economics from New York University. His research interests include the community and environmental impacts of energy efficiency in low-income multifamily buildings, cost-effective demand-side management programs at electric utilities, and the role of government in commercializing energy conservation techniques and technologies.

Roger L. Cole, Ph.D., P.E., is a mechanical engineer and is principal investigator of Argonne National Laboratory's Industrial Cogeneration Program. Dr. Cole is in Argonne's Energy Systems Division. He has been with the Laboratory since 1971 and has held his current position since 1984. Between 1978 and 1984 he worked in the Solar Energy and Thermal Energy Storage Groups. Before 1978 he worked in the Magnetohydrodynamics Group. Prior to joining Argonne, he worked at Bauer Engineering Inc. and at Ford Motor Company. Dr. Cole received his doctorate in mechanical engineering from Northwestern University. His research interests include energy efficiency, alternative energy sources, and thermal management.