

Assistant Secretary's office to work with the staff of my office on both the planning and operating levels.

The general areas of proximate research and development concern to HUD can be described under the following general headings:

- (1) Housing.
- (2) Land use and community environment.
- (3) Public facilities and services.
- (4) Efficient local administration.

The Department of Housing and Urban Development bears the principal responsibility for a unified Federal approach to urban problems. Consequently, in response to a suggestion of the Special Assistant to the President for Science and Technology, the Department has taken the initiative to establish contact with the other Federal departments and agencies now conducting urban-related research and development programs.

The Department has maintained close contact with the President's Committee on Urban Housing (the "Kaiser Committee"), the National Commission on Urban Problems (the "Douglas Commission"), and elements of the Department of Commerce and the Department of Defense concerned with low-cost housing research and development.

Similarly, assistance has been provided to the President's Commission on Civil Disorders (the "Kerner Commission"), in its effort to identify the sources of urban riots and unrest, and the President's Task Force on Communications Policy (under Eugene V. Rostow) in its concern for new urban-related communications technology development.

In this context, the Department is endeavoring to identify the most critical areas requiring research and development activities, recognizing that the formulation of a truly comprehensive and balanced R. & D. program will require further study and experience.

The professional R. & D. staff has been making searching inquiries into the problems facing the Department's operating programs in order to express those of a scientific or a technological nature in useful scientific and engineering terms; to rank-order them in importance and urgency; to try to imagine analytical and/or experimental studies that might be mounted to ameliorate or solve them; and to lay out such programs and projects as would effectively address them.

Two important steps were taken immediately to obtain extra-departmental assistance in analyzing the broad spectrum of urban problems from a scientific and technological viewpoint:

(1) The Rand Corporation was supported in its conduct of two intense summer studies (one in concert with the Department of Transportation) employing both its own staff members and individual experts of appropriate discipline and experience background.

(2) The National Academy of Science and the National Academy of Engineering agreed to study, deeply, certain of the Department's fundamental research and development goals and needs, and to identify broad strategies addressed to harnessing both the social sciences and the physical sciences in a search for solutions to our most pressing urban problems. Here, emphasis on the behavioral and social sciences gives clear formal recognition to the important fact that a comprehensive, objective and quantita-