

POOR ADP UTILIZATION—A SERIOUS AND COSTLY PROBLEM

Mr. BROOKS. Mr. Campbell, in light of this, do you feel that these poor utilization conditions, including the question of lease-versus-purchase, could be improved by having the kind of central coordination that is provided in this bill, H.R. 5171?

Mr. CAMPBELL. We are convinced of it. We hope that this will be done. This is one of the most serious problems the Government is facing in this area.

Mr. BROOKS. I have talked with Mr. Campbell at some length about this. He casually mentioned that he had been interested in this for a long time, and with some apologies to him, I was thinking he was referring to his 1958 report. The General said, "I was thinking, Jack, of the fact that about 1928 some people had had a machine"—what was it, they were going to use it at Columbia?

Mr. CAMPBELL. That was 35 years ago, one of the early installations of this very elementary type of computing system. We have in our office a select group of people who concentrate on the whole very, very difficult problem which we are facing and which I think is understated in our report. I think the expenditures will be far greater than we indicate.

24 HOURS A DAY UTILIZATION OF ADP EQUIPMENT ESSENTIAL TO MAXIMUM EFFICIENCY

Mr. BROOKS. Do your studies indicate an advantage in terms of economy and efficiency of utilizing this ADP equipment on a round-the-clock, 24-hour basis?

Mr. CAMPBELL. This is elementary. This equipment must be used around the clock, if possible.

Mr. BROOKS. In other words, anything less than 24 hours is an hour of wasted cost?

Mr. CAMPBELL. That is correct.

INCREASING USE OF ADP EQUIPMENT IN GOVERNMENT

Mr. BROOKS. You mentioned in your statement that the number of computer systems used in the Federal Government had increased from 414 in 1959 to 1,169 in 1963. Do you expect that this rate of growth will continue as you look back over the history of ADP?

Mr. CAMPBELL. I am convinced it will increase more in a geometric progression rather than arithmetic.

Mr. BROOKS. You do not expect it to reach a plateau in the near future?

Mr. CAMPBELL. Not in the near future.

Mr. MAHONEY. For example, Mr. Chairman, we recently were requested to pass on a system for the Air Force. In this particular one instance it involves installation of 160 computers for use at the base level. This gives you an idea of the thinking that is going on.

NEED FOR LONG-RANGE PLANNING AND FACTORS INVOLVED

Mr. BROOKS. That is significant. In your Government-wide report on the development of ADP in the Federal Government you stress need