Office of Information Technology
HUB and River Road Data Centers

April 10, 2000 to February 13, 2001

Richard L. Fair
State Auditor
The Honorable Donald T. DiFrancesco  
Acting Governor of New Jersey

The Honorable Donald T. DiFrancesco  
President of the Senate

The Honorable Jack Collins  
Speaker of the General Assembly

Mr. Albert Porroni  
Executive Director  
Office of Legislative Services

Enclosed is our report on the audit of the HUB and River Road Data Centers for the period April 10, 2000 to February 13, 2001.

If you would like a personal briefing, please call me at (609) 292-3700.

Richard L. Fair  
State Auditor  
May 25, 2001
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HUB and River Road Data Centers

Scope

We have completed an audit of the Office of Information Technology’s Hub and River Road Data Centers for the period April 10, 2000 to February 13, 2001. Our audit evaluated general controls over the IBM operating environment; however, we did not review the configuration of the MVS operating system.

The Hub and River Road Data Centers have been the Office of Information Technology’s major data centers since 1998. This arrangement is described as a single logical processing complex. The River Road site now contains the IBM mainframe, the System Command Center from which all mainframe production functions are controlled and monitored, and serves as the disaster recovery files storage facility. The Hub, for the IBM environment, is primarily responsible for the library function, backup file storage and tape processing functions.

Objective

The objective of our audit was to determine the adequacy of the general controls over the IBM mainframe environment relating to asset safeguarding, application processing, and access to system data and computer resources.

This audit was conducted pursuant to the State Auditor’s responsibilities as set forth in Article VII, Section 1, Paragraph 6 of the State Constitution and Title 52 of the New Jersey Statutes.

Methodology

Our audit was conducted in accordance with Government Auditing Standards issued by the Comptroller General of the United States. Additional guidance for the conduct of the audit was provided by standards set forth in Control Objectives for Information and Related Technology (COBIT) issued by Information Systems Audit and Control Foundation (ISACF), and by the Handbook of EDP Auditing issued by Coopers & Lybrand.
In preparation for our testing, we interviewed management and line personnel, and reviewed product documentation and descriptions that would have an effect on the general controls of the data centers. We also reviewed circular letters promulgated by the State Comptroller and policies of the Office of Information Technology. Provisions that we considered significant were documented and compliance with those requirements were verified by interview, observation, and through samples of security parameters and change requests.

Conclusions

Our review disclosed that general controls in place over the IBM mainframe environment relating to asset safeguarding, application processing, and access to system data and computer resources are adequate.