



## **OFFICE OF INSPECTOR GENERAL**

### **MEMORANDUM**

**DATE:** December 2, 2005

**TO:** Chairman

**FROM:** Inspector General

**SUBJECT:** Report on the FY 2004 Audit of Network Infrastructure Controls

The Office of Inspector General (OIG) has completed an audit of network infrastructure controls. A copy of our Audit Report, entitled "FY 2004 Audit of Network Infrastructure Controls" (Audit Report No. 04-AUD-12-23) is attached. The objective of this audit was to determine the extent and adequacy of security controls over the network infrastructure operated and maintained by the Federal Communications Commission (FCC). The scope of this audit included the internal network infrastructure owned, managed, and/or operated by the FCC.

To accomplish the objectives of this audit, we contracted with the public accounting firm of KPMG, LLP (KPMG). Under our supervision, the KPMG audit team interviewed staff, reviewed documentation, and performed other tests deemed necessary. Finally, KPMG evaluated the status of technical controls by executing automated tools and manual tests on the devices comprising the FCC's network infrastructure. These tests included a vulnerability assessment to test the security of the FCC's network assets. KPMG also evaluated the network infrastructure controls at the FCC facility at Gettysburg, PA.

During this audit we identified a number of positive security controls in the FCC's network infrastructure, including:

- A comprehensive set of configuration standards have been developed and implemented.
- Network infrastructure components are physically secured.

While these positive controls were noted, the audit identified twelve (12) findings, two (2) high risk, eight (8) medium risk and two (2) low risk. Appendix A, Summary of Findings, summarizes these conditions. Appendix B, Detailed Findings and Observations, contains the detailed results of our audit. Appendix C, Acronyms, lists definitions of terms used in the report.

On September 26, 2005, we provided a draft to the Office of Managing Director (OMD) for

review and comments. In its response dated October 28, 2005, OMD indicated concurrence with all findings. Furthermore, OMD stated that all findings have been closed. We have been supplied information that supports closure of these findings. Therefore, we agree these findings are closed and no further action or tracking is necessary. We have included a copy of the response to this report from OMD in its entirety as Appendix D, Management Response.

Because of the sensitive nature of the information contained in the appendices to this report, we have marked all appendices as "Privileged and Confidential, Non-Public – For Internal FCC Use Only" and have limited distribution of this report. Those persons receiving this report are requested not to photocopy or otherwise distribute this material.



H. Walker Feaster III  
Inspector General

Attachment

cc: Chief of Staff  
Managing Director  
Chief Information Officer