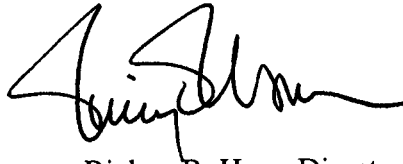




We appreciate the cooperation of your staff during our review. If you have any questions regarding our audit, please contact Brian Boos at (301) 903-3858 or Kevin Majane at (301) 903-4065.



Rickey R. Hass, Director  
Science, Energy, Technology,  
and Financial Audits  
Office of Audit Services  
Office of Inspector General

cc: Director, Construction Management Support Division, SC-81  
Director, Office of Engineering and Construction Management, ME-90  
Audit Liaison, Office of Science, SC-62  
Audit Liaison, Office of Executive Operations and Support, ME-2.1

## **SCOPE AND METHODOLOGY**

To accomplish the audit objective we:

- Reviewed Departmental project management requirements and guidance;
- Held discussions with Headquarters officials from the Office of Engineering and Construction Management and the Office of Science to gain understanding of Departmental and Science project management practices;
- Identified a universe of Science construction and equipment upgrade projects and selected four projects for detailed review:
  - Laboratory for Comparative and Functional Genomics at ORNL;
  - Fire Protection System Upgrade at ORNL;
  - U.S. Large Hadron Collider Accelerator at Fermi; and
  - Main Injector Neutrino Oscillation Search at Fermi;
- Reviewed pertinent project documentation and discussed the projects with Federal and contractor project management officials;
- Assessed corrective actions on Neutrinos at the Main Injector;
- Reviewed performance related information to determine compliance with the Government Performance and Results Act of 1993.

The audit was performed in accordance with generally accepted Government auditing standards for performance audits and included tests of internal controls and compliance with laws and regulations to the extent necessary to satisfy the audit objective. Accordingly, we assessed controls related to the projects selected for review. Because our review was limited, it would not necessarily have disclosed all internal control deficiencies that may have existed at the time of our audit. Since computer processed data was not the primary support used to meet our audit objective, we performed a limited assessment of data reliability. An exit conference was held on October 7, 2002.