



Burns and Roe has a U.S. Department of Energy (DOE) Task Order contract to provide Independent Project Reviews for the DOE Office of Engineering and Construction Management. The types of reviews performed include Independent Cost Evaluations (ICEs), and External Independent Reviews (EIRs). Many of these reviews are required as part of the DOE Critical Decision approval process, while others are requested by the program offices.

Some of the major DOE projects reviewed by Burns and Roe over the past two years are shown in the following table and include:

Review	Completion Date	Requesting Agency
External Independent Review Follow-On of the Savannah River Site EM Cleanup Lifecycle Baseline	November 2006	US DOE Office of Engineering and Construction Management
Independent Cost Estimate Update of the West Valley Demonstration Project Revised Interim End State Completion	May 2006	US DOE Ohio Field Office
Independent Cost Estimate Update of the West Valley Demonstration Project EM Completion and Final End State	October 2005	US DOE Ohio Field Office
Independent Cost Estimate Update of the West Valley Demonstration Project Interim End State Completion and Life Cycle Costs	September 2005	US DOE Ohio Field Office
External Independent Review of the Mixed Oxide Fuel Fabrication Facility (MOX) Project CD-2 Phase I Baseline at the Savannah River Site	September 2005	US DOE NNSA <sup>1</sup> Office of Fissile Materials Disposition
External Independent Review of the Mixed Oxide Fuel Fabrication Facility (MOX) Project CD/2A/3A Baseline at the Savannah River Site	July 2005	US DOE NNSA <sup>1</sup> Office of Fissile Materials Disposition
Limited External Independent Review of the Linac Coherent Light Source (LCLS) Revised Project Baseline at Stanford University	April 2005	US DOE Office of Engineering and Construction Management <sup>1</sup>
External Independent Review of the Savannah River Site (SRS) EM Cleanup Lifecycle Baseline	December 2004	US DOE Office of Environmental Management <sup>1</sup>
External Independent Review of the Linac Coherent Light Source Project Baseline at Stanford University	June 2004	US DOE Office of Science <sup>2</sup>
External Independent Review of the OMEGA EP Laser System Baseline at the University of Rochester	April 2004	US DOE NNSA <sup>1</sup>
External Independent Review of the Columbus Closure Project Contract Baseline	April 2004	US DOE Office of Environmental Management
Independent Cost Estimate Development of the West Valley Demonstration Project Accelerated EM Completion	March 2004	US DOE Office of Environmental Management <sup>1</sup>
External Independent Review of the Oak Ridge Reservation EM Closure Project Baseline	November 2003	US DOE Office of Environmental Management <sup>1</sup>
Independent Cost Estimate Review for Civilian Radioactive Waste Management of Yucca Mountain Monitored Geologic Repository from License Application Submittal Through Initial Operating Capability	October 2003	US DOE Office of CRWM <sup>3</sup>
Independent Cost Estimate Development of the Fast Flux Test Facility Closure Project	September 2003	UD DOE Office of Environmental Management <sup>2</sup>
External Independent Review of the Project Hanford Accelerated Cleanup Life-Cycle Baseline	August 2003	US DOE Office of Environmental Management <sup>1</sup>
External Independent Review of the Sandia Environmental Restoration Project, Project Baseline	July 2003	US DOE Office of Environmental Management <sup>1</sup>
Weapons Program Infrastructure Plan Review and Analysis	July 2003	US DOE NNSA <sup>2</sup>
External Independent Review of the Ashtabula Closure Project, Closure Contract Baseline	June 2003	US DOE Office of Environmental Management <sup>1</sup>
External Independent Review of the Miamisburg Closure Project, Closure Contract Baseline	March 2003	US DOE Office of Environmental Management <sup>1</sup>

Review	Completion Date	Requesting Agency
External Independent Review of the Microsystems and Engineering Sciences Applications Project (MESA) Title II, at Sandia National Laboratory	February 2003	US DOE NNSA <sup>1</sup>
External Independent Review for Civilian Radioactive Waste Management of Yucca Mountain Project, License Application to Initial Operating Capability	January 2003	US DOE Office of CRWM <sup>2</sup>
External Independent Review of the Miamisburg Environmental Management Closure Project, Potential Release Site (PRS 66) Remedial Action	December 2002	US DOE Office of Environmental Management <sup>1</sup>
Independent Review of the Pit Disassembly and Conversion Facility Process Building Design and Construction Estimate	October 2002	US DOE NNSA Office of Fossil Material Disposition <sup>2</sup>
Independent Review for Civilian Radioactive Waste Management (CRWM) Program of Capital Asset Acquisition Plan	September 2002	US DOE Office of CRWM <sup>2</sup>
External Independent Review for Civilian Radioactive Waste Management Program Major Systems, License Application Phase	August 2002	US DOE Office of CRWM <sup>2</sup>
Independent Review of the Pit Disassembly and Conversion Facility Preparation Requirements	May 2002	US DOE NNSA Office of Fossil Material Disposition <sup>2</sup>
Independent Review of the Miamisburg Environmental Management Project (MEMP) Closure Contract Baseline	February 2002	US DOE Office of Environmental Management <sup>2</sup>
Independent Review of the Pit Disassembly and Conversion Facility (PDCF) SDD Preparation Requirements	January 2002	US DOE Office of Fissile Material Disposition <sup>2</sup>
Independent Review of the Neutrinos at the Main Injector Project (NuMI) Proposed Baseline	November 2001	US DOE Office of Energy Research, Division of High Energy Physics <sup>2</sup>
Independent Review of the West Valley Proposed Path to Completion Plan	November 2001	US DOE Office of Environmental Management <sup>2</sup>
Independent Cost Estimate Review of the Columbus Environmental Management Project (CEMP) Baseline	November 2001	US DOE Office of Environmental Management <sup>2</sup>
Independent Cost Review of the Fernald Environmental Management Project (FEMP) Contract Closure Baseline	August 2001	US DOE Office of Environmental Management <sup>2</sup>
External Independent Review of the Rocky Flats Integrated Closure Project Baseline	June 2001	US DOE Office of Environmental Management <sup>2</sup>
Independent Cost Estimate Review of the Civilian Radioactive Waste Management Program Modular Design/ Construction and Operations Report	April 2001	US DOE Office of CRWM <sup>2</sup>
Independent Cost Estimate (ICE) of the Portsmouth Gaseous Diffusion Plant Emergency Winterization/Cold Lay-Up Project	February 2001	US DOE Office of Environmental Management <sup>2</sup>
Independent Cost Estimate (ICE) Review of the Civilian Radioactive Waste Management (CRWM) Program 2001 Total System Life Cycle Cost (TSLCC)	January 2001	US DOE Office of CRWM <sup>2</sup>
Independent Cost Estimate Review of the Tritium Facility Modernization and Consolidation Project (TFMandC)	September 2000	US DOE Savannah River Operation Office <sup>2</sup>
Independent Review of the National Ignition Facility Project (NIF) Revised Cost and Schedule Baselines	September 2000	US Department of Defense Programs <sup>2</sup>
Independent Review of the Spallation Neutron Source Project	December 1999	US DOE Oak Ridge Operations Office <sup>2</sup>
External Independent Review of High Level Waste Removal from Filled Waste Tanks	February 1999	US DOE Savannah River Operations Office <sup>4</sup>
Independent Review and Assessment of the Regulatory Monitoring and Bioassay Laboratory Project	December 1998	US DOE Savannah River Operations Office <sup>3</sup>
Independent Cost Estimate for Tank Waste Remediation System (TWRS) DOE MandO Contractor Cost Estimate	June 1998	US DOE Hanford Operations Office <sup>3</sup>

(Footnotes)

1 Contract Number DE-AD26-02NT41637 with DOE NETL to perform EIRs and ICEs under the direction of DOE OECM.

2 Contract Number DE-AD26-02NT41637 with DOE NETL to perform EIRs and ICEs under the direction of DOE OECM.

3 Contract Number DE-AC01-98FD00036 to perform EIRs and ICEs under the direction of DOE OECM.

4 Work performed under Task Order contract with US DOE Office of Field Management