

US Department of Energy Support Engineering/Licensing/IT Services

Support to DOE since 1985



Beckman & Associates, Inc
Belle Vernon, Pennsylvania

Overview

- **Engineering/Regulatory/IT/Assessment Services**
- **Senior personnel provide Staff Augmentation and Task Order Project Support**
- **Yucca Mountain Licensing Project (ongoing)**
- **Project Sites**
 - Sandia
 - RFETS
 - ORO
 - INEL
 - Y-12

USNRC License for the Yucca Mountain Site

- **Project Support since 1991 (initially with TRW)**
- **Engineering, Licensing, Scientific and IT Services**
- **Bechtel / SAIC --- focus on Pre-Closure Activities**
- **Sandia National Lab --- focus on Post-Closure Activities**
- **Part of the M&O Integrated Management Team**
- **Provide 75 project personnel including 5 Senior Managers**
- **Services**
 - Project Management & Strategic Planning
 - Software Management & Engineering
 - Nuclear Criticality Analysis
 - Seismic and Mechanical Analysis of Repository Components
 - Scientific Model Development



Yucca Mountain

Additional DOE Clients and Example Projects

- **Operational Readiness and Restart**
 - Developed and helped implement ORR Program for Y-12
 - Participated in ORR at RFETS
 - Team member and general counsel for WIPP Readiness Assessment
- **Technical Audit and Assessment**
 - Development of DOE Assessment Program for ORO
 - Assisted with investigation of tritium production problems for ORO
- **Training**
 - Developed and provided training to Y-12 Site Restart Team
 - Developed/delivered to ORAU Management Training on Conduct of DOE Operations



Rocky Flats Site



Y-12 Plant -- Oak Ridge Complex

- **Quality Assurance**
 - Developed and helped implement a QAP, procedure development, and training for Y-12 DOE Site Office
 - Provided program development support for QAP and Management Plans for TRANSCOM waste transport satellite-tracking program
- **Program Development**
 - Provided extended support to RFETS DOE Office for oversight of the M&O Contractor maintenance and modification activities
 - Provided assistance to YMP Office in evaluating and improving engineering, design control, and QA performance