

Nuclear Licensing and Engineering

(USNRC, USDOE, and Utilities)

Serving the Nuclear Industry for 22 years



*Beckman & Associates, Inc
Belle Vernon, Pennsylvania*

Overview

- **Support to USNRC, USDOE and Nuclear Utilities since 1985**
- **USNRC Yucca Mountain Licensing Project (licensing, engineering, scientific, and IT)**
- **USNRC Technical Support Contractor (Current Prime) --- services at 60 reactor sites**
- **Utility services focused on 10CFR50/52 Licensing related activities**
- **Program Development, Licensing, Engineering, and Regulatory Consultation**
- **Senior personnel provide Staff Augmentation and Task Order Project Support**

USNRC License for the Yucca Mountain Site (1991 – ongoing)

- **Provide engineering, licensing, scientific and IT Services**
- **Bechtel / SAIC --- focus on Pre-Closure Activities**
- **Sandia National Lab --- focus on Post-Closure Activities**
- **BAA Services**
 - Project Management & Strategic Planning
 - Software Management & Engineering
 - Nuclear Criticality Analysis
 - Seismic/Mechanical Analysis of Repository Components
 - Scientific Model Development



YMP - North End

USNRC Technical Support Contract (1985 - ongoing)

- **Prime Contractor since 2000**
- **Subcontractor for additional 15 years**
- **Performed over 180 tasks for the USNRC**
- **Participation/leadership in all 10CFR50/52 licensing field assessments**
- **Typical Project Activities**
 - Operational Readiness and Restart
 - Inspections and Audits
 - Engineering Evaluations
- **BAA technical personnel are well-known to and trusted by USNRC Staff**



Browns Ferry NNP

NPP Licensing/Engineering Related Projects

- **Support Services to 10 utilities**
- **Support for 10CFR50/52 related activities**
- **Engineering/Licensing/Regulatory Services**
 - Program and Procedure Development
 - Technical/Quality Audits and Assessments
 - Regulatory Consultation
 - Failure/Root Cause Analysis
 - Training
- **General Plant Activity Support**