



SUPPORTING RESEARCH AND SCIENCE TO SOLVE OUR GREATEST CHALLENGES.

RESPEC is one of the world's most valuable resources to understanding nuclear waste disposal.

REPOSITORY SCIENCE

A global leader in rock-mechanics studies and nuclear-waste management, RESPEC is one of the few organizations that provide services in numerical analysis, laboratory testing, and field testing. RESPEC's repository science services have included software development, constitutive model development, fluid flow modeling, ground-control inspection, procurement document design and preparation, underground drilling supervision, test design development and quality assurance requirements, geomechanical instrumentation installation and maintenance, shaft seal design, data collection and analysis, bulkhead design, and hydrogeologic characterization.

RESPEC's first project was to perform research related to the geologic disposal of high-level nuclear waste in geologic rock-salt formations. At the time, no overall energy policy existed for the US, and it would be another 5 years before the Department of Energy was created. Between 1972 and 1987, RESPEC was the rock-mechanics contractor for several US government agencies tasked with nuclear waste management and environmental compliance.

REPOSITORY SCIENCE CAPABILITIES:

- // Numerical Analysis
- // Laboratory Testing
- // Software Development
- // Field Testing

➤ READY TO GET STARTED ON YOUR NEXT PROJECT?

Contact RESPEC for your IT staffing, data, technology and information systems needs.

➤ CONTACT US

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