Discussion Topics

- Cameco Vision
- Regulatory Overview
- Cameco Safety, Health, Environmental, and Quality (SHEQ) Programs
- Community Involvement
Our Vision

- Safety, health, environment and quality (SHEQ) are top priorities
- People, Integrity, Excellence
Our Vision

- Living a strong safety culture
- Being a leading SHEQ performer
- Keeping all risks as low as reasonably achievable (ALARA)
- Preventing pollution
- Moving beyond regulatory compliance
- Ensuring quality
- Continually improving
Our Vision

● Our Measures of Success
  - A safe, healthy, and rewarding workplace
  - A clean environment
  - Supportive communities
### Federal and State Agencies

<table>
<thead>
<tr>
<th>Agency</th>
<th>Description</th>
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<tbody>
<tr>
<td>US Nuclear Regulatory Commission (NRC)</td>
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<td>WY and NE Departments of Environmental Quality (DEQ)</td>
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<td>US Bureau of Land Management (BLM)</td>
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<td>US Environmental Protection Agency (EPA)</td>
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<td>US Occupational Safety and Health Administration (OSHA)</td>
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<td>US Department of Transportation (DOT)</td>
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Regulatory Overview

- **NRC**
  - Oversee general public and worker radiological health compliance
  - Issue source material license required to operate an ISR mine
  - Approve bond to assure reclamation/restoration
  - Regulate by-product waste disposal (11(e)(2))
Regulatory Overview (cont.)

● WDEQ
  - Land Quality Permit to Mine
  - Water Quality for deep disposal wells, Storm Water Pollution Prevention Plan, Spill Prevention, Control, Countermeasures Plan
  - Air Quality Division
  - Solid and Hazardous Waste Division

● State Engineers Office for cased wells
Regulatory Overview (cont.)

- BLM
  - Approve Plan of Operations
    - with Environmental Impact Statements (EIS) (or Environmental Assessments (EA)) if on BLM land
  - Coordinates with US Fish and Wildlife Service, State Game and Fish, and State Historic Preservation Office
Regulatory Overview (cont.)

● **EPA**
  – Aquifer exemption
  – Tier II reporting (also provide to local and state emergency response agencies)

● **OSHA**
  – Employee, contractor, and visitor safety and health aspects

● **DOT**
  – Shipments of yellowcake
Cameco SHEQ Program

- Safety, Environmental, and Radiological Management Systems
  - Environmental Management System is ISO-14001 Certified
  - Corporate Cameco audits of safety, environmental and radiation safety programs/systems
  - Yearly third party ALARA audit
  - Yearly OSHA Employer Voluntary Technical Assistance Program (EVTAP) consultation (inspection)
Cameco Health and Safety

- Training – New hire, Quarterly refresher
- Contractor Management Program
- Job hazard analysis
- Safety inspections
- Wellness program
- Safety Committee
- Emergency Response
Cameco Radiological Health

- Work area monitoring
  - Weekly or monthly surveys, dosimeter badges

- Personal Protective Equipment (PPE)

- Offsite monitoring
Cameco Environmental Protection

- Groundwater monitoring and restoration activities
  - Bi-monthly monitoring of all monitor wells
    - SRH: 800 x every two weeks = 20,000+ tests annually
  - Restoration Department
Cameco Environmental Protection

- Inspections
  - Daily wellfield inspections
  - Weekly inspections
Cameco Environmental Protection

- Standard Work Practices
  - Topsoil segregation and management
  - Surface reclamation (contouring, seeding)
  - Drainage control/management
  - Quarterly surface/groundwater sampling (stockponds, water wells)
  - Spill detection and response
Community Involvement

- Site Tours
- Community contributions
- Actively participate in WMA, NMA; other public forums
- Recognizing employees for their success
Cameco’s Measures of Success

• A safe, healthy, and rewarding workplace
• A clean environment
• Supportive communities