Cluff Lake Project
Path to Institutional Control
Pacific Northwest Economic Region Summit 2019

Dale Huffman – July 23, 2019
Orano
a nuclear fuel cycle business

- Products and services with high added value throughout the entire nuclear fuel cycle, from raw materials to waste treatment.
- 16,000 employees worldwide
- Unwavering dedication to safety
- HQ: Paris, France

Mineral
Uranium conversion and enrichment
Used fuel recycling
Nuclear logistics
Dismantling and services
Engineering
Orano Mining Business Unit

A rich and diversified portfolio of assets and projects

A diversified and competitive mining asset portfolio

Significant development potential

A promising portfolio projects geographically diversified (Canada, Kazakhstan, Mongolia…)

Revenue €1.294 b
Production 10 531 tU (1)

15% of the global market

Exploration Projet Exploitation Réaménagement

(1) – Financially consolidated Orano’s share to which should be added 453 tons of Uranium corresponding to Orano’s share in Cominak
Orano Canada

- A leader in uranium exploration and uranium processing
- Present in northern Saskatchewan for 55 years
- Total number of employees about 400
- Operators of the McClean Lake Uranium mill
- About 50% of the McClean Lake workforce are indigenous

HQ: Saskatoon, Saskatchewan
Project Location

- Northwestern Saskatchewan within Treaty 8 Territory and the Homeland of the Metis
- Site is remote - 800 km from Saskatoon, 250 km by road La Loche, 100 km from Fort Chipewan
- future users of the site are traditional land users and resource development
Operations Overview

- Discovered in mid ‘60’s
- Operated from 1980 - 2002
- Underground and open pit mining (5 ore bodies) and milling produced 62M lbs. (or 28M kg) uranium concentrate ($U_3O_8$) and 8,000 troy ounces of gold
- ~4,000 person years of company staff employment; 52% northern
- Nearby lands used for traditional purposes throughout operations
End state Objectives

- Safe environment
- Minimize adverse effects
- Stable and self-sustaining landscape
- Traditional uses unrestricted
- Minimal future land use constraints
Mill Complex Area
DJ Mining Area
Claude Mining Area

Request to Renew and Amend License- May 15, 2019
Orano Canada Inc.
D Mining Area
Current Site Status

- Decommissioning is complete and objectives are met
- Physically and chemically stable under passive care
- Unrestricted access
- Public safety at site is comparable to other wilderness areas
- Site is available and safe for traditional land use
- 250 ha of the 4100 ha of land leased will require administrative controls
Next Steps: Institutional Control

- Application for Release from Decommissioning and Reclamation

- Propose Long-Term Monitoring and Maintenance Plan

- Revoke federal Nuclear Safety Commission licence

- Fund for:
  - Monitoring and Maintenance
  - Unforeseen Events
End Users
Conclusions

• Environmental assessment used as a planning tool for resource development

• Early planning required for decommissioning

• Financial assurance protects taxpayers from abandonment

• Institutional control program provides for project closure, long-term care and maintenance, and funding
Thank You!
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