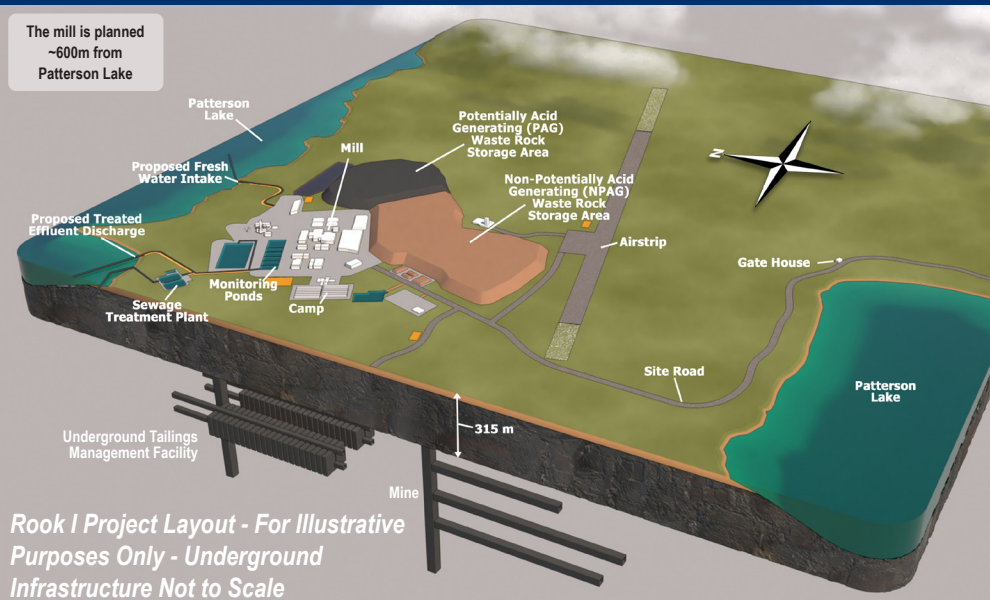




Community Newsletter

- Project Overview

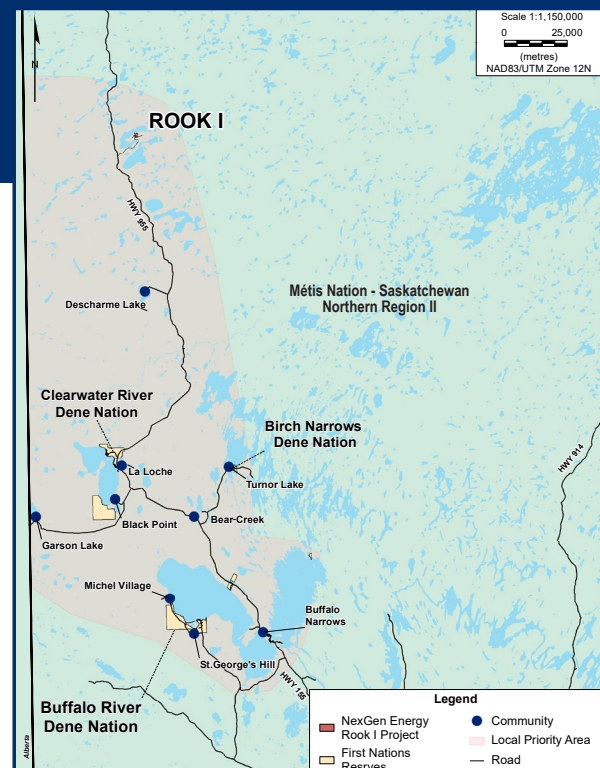
- NexGen is guided by its values of honesty, respect, resilience, and accountability, and is driven to become a world-leading uranium producer delivering the clean energy needs of the future.
- The Rook I Project is a proposed new uranium mine and mill to support the mining and on-site processing of the Arrow deposit. The proposed operation would produce approximately 30 million lbs of uranium concentrate at peak production.

- NexGen is committed to meaningful, long-lasting partnerships with Indigenous Peoples (First Nations and Métis) and local communities to maximize the sustainable benefits of the Rook I Project.
- NexGen is focused on achieving elite standards in all areas and through every stage of the Rook I Project – from pre-development through to construction, operations, decommissioning and reclamation, and final closure.

THE ROOK I PROJECT

Delivering lasting environmental, social, and economic benefits to the communities where we operate.

- Located near Patterson Lake ~155 km north of La Loche and ~14 km east of Highway 955 by road.
- Includes an underground mine, a uranium mill, an underground tailings management facility, surface mine rock storage, water treatment facilities, an airstrip, and a camp.
- All tailings placed underground for permanent storage in an underground tailings management facility (UGTMF); there would be no tailings facility on surface during or after the mining operations.



Turn the page for more information



Core Boxes Containing Rock Samples

KEY PROJECT COMPONENTS

Rook I Mine

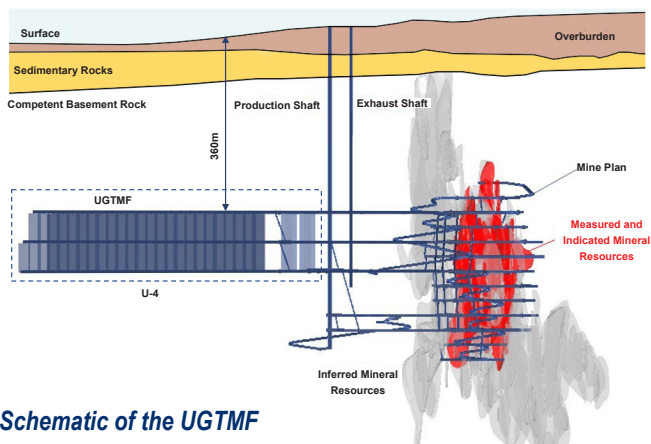
- Underground mine located entirely below the land surface.

Rook I Mill

- Is planned to be located more than 600 m from the nearest lake.

Underground Tailings Management Facility (UGTMF)

- NexGen's approach to planning starts with closure in mind, making decisions today that are informed by protecting the environment for generations to come. For the first time in northern Saskatchewan, no tailings will be stored on surface at the Rook I Project. All tailings produced from the mining of the Arrow deposit will be placed permanently underground, allowing for progressive decommissioning with no tailings facility on surface during or after the mining operation.



Schematic of the UGTMF

COMMITMENT TO PROTECTION OF PEOPLE AND THE ENVIRONMENT

Water Resources

- Safe now, and for future generations.
- Monitoring and testing programs will ensure that any water discharged from site remains protective of people and the environment and meets all regulatory discharge limits.



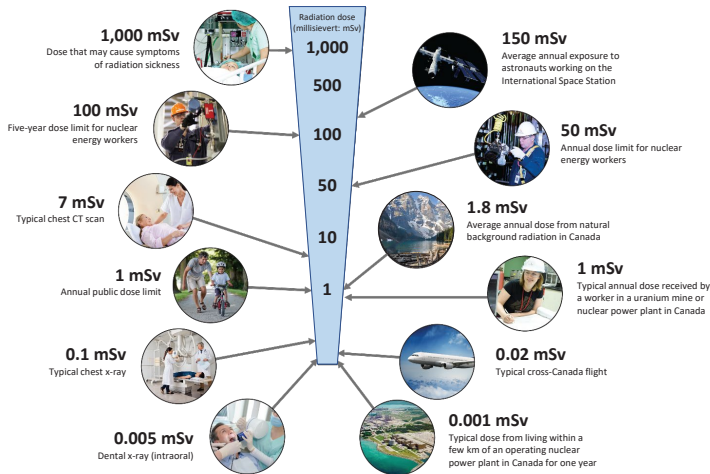
Aquatic Monitoring at Rook I Site

Monitoring

- Regulated environmental samples will be taken during all phases of the Rook I Project and the results available to Indigenous and local community members.
- Monitoring includes:
 - Water quality in area lakes
 - Lake sediments
 - Biota living in the sediments
 - Fish (including fish tissue)
 - Air quality
 - Radon and radiation
 - Vegetation and berries
- NexGen is committed to supporting community-led, independent environmental monitoring where Indigenous and local community members will conduct sampling of the water, wildlife, and traditional foods on and around the Rook I Project throughout all phases.

Turn the page for more information

Radiation Dose Examples



Source: Canadian Nuclear Safety Commission (modified)

Radiation (the natural emission of energy waves or particles)

- The health and safety of all being our top priority, NexGen is dedicated to achieving 'zero harm', ensuring workers have the knowledge, skills, and tools to safely perform their duties. Worker and public exposure to radiation is strictly controlled, monitored, and regulated in all aspects and all phases of the Rook I Project. This includes the mining, milling operations, decommissioning, reclamation, and final site closure. To date, NexGen workers have zero lost time incidents.

Radon (a gas produced from the natural decay of uranium)

- Uranium mining and milling activities do not increase radon levels above background levels in the environment away from the mine site. (Source: Canadian Nuclear Safety Commission, Radon in Canada's Uranium Industry, Fact Sheet <http://nuclearsafety.gc.ca/eng/resources/fact-sheets/radon.cfm>)



Summer Students at Rook I Access Road

COMMUNITY PROGRAMS

NexGen is proudly and actively involved with many community initiatives that support the pillars of health and wellness, recreation, and capacity building.

Summer Student Mentorship Program

- In 2017, NexGen founded the Summer Student Mentorship Program to provide young adults from local communities the opportunity to build skills and confidence and gain insight into careers in the mining industry.

Scholarships

- The NexGen Scholarship Program was initiated in 2018 to support students from local communities as they work towards their education and training goals.

Breakfast Program

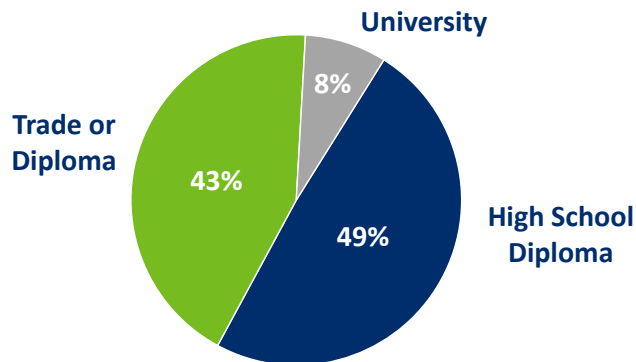
- Through a partnership with the Breakfast Club of Canada, NexGen is proud to help provide healthy breakfasts to students in Clearwater River and La Loche.



Summer Students at Rook I Site

Turn the page for more information

Education and Training Requirements for Operations Jobs



WHAT IS NEXT?

NexGen has started the processes required to obtain regulatory approval to proceed with the development of the Rook I Project.

- This includes preparing an application for a Licence to Prepare Site and Construct from the Canadian Nuclear Safety Commission (CNSC).
- Before that Licence can be issued, NexGen must first obtain environmental assessment approval from both the federal and provincial governments.
- NexGen is currently conducting the environmental impact assessment and is scheduled to submit a draft Environmental Impact Statement (EIS) by early 2022.

Continued Engagement

- NexGen is undertaking continued regular engagement with community members including women, youth, and Elders throughout the life of the Rook I Project.

Interested in Learning More?

Contact us at 1-833-333-8895 or
engagement@nxe-energy.ca

Let us know if you have questions –
we are interested in what you think!

This newsletter has been prepared by NexGen to update local residents and communities about our activities at the Rook I Project. The information in this newsletter should not be used or relied upon for any other purpose. Information about NexGen's business is available at www.sedar.com.

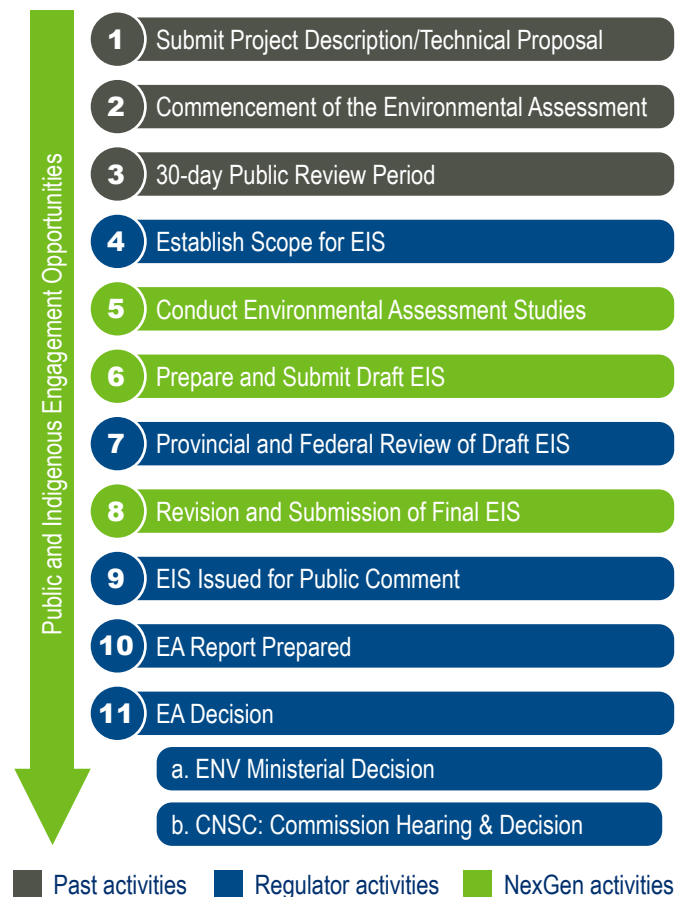
JOBS & OPPORTUNITIES

- During operations, the Project would generate ~486 jobs at Rook I across all departments. Of these, approximately:
 - 49% will require a high school diploma with on-the-job training;
 - 43% will require a trade or diploma; and
 - 8% will require a university degree.

NexGen has always, and will continue to, maximize economic opportunities for local residents by supporting training, education and employment.

For up-to-date job postings with NexGen, please visit:
<http://nexgenenergy.ca/contact/careers/>

Environmental Assessment Approval Process



EIS - Environmental Impact Statement

EA - Environmental Assessment

ENV - Saskatchewan Ministry of Environment

CNSC - Canadian Nuclear Safety Commission