

October 1, 2022

Executive Director's Message

October 20th will mark the return to our legendary Roundtable events with Nutrien!

At these events, members hear from and meet face-to-face - for an entire day - with about 30 Nutrien Executive, Management, and site persons attend (list to be released soon). Purchasing and operations plans are discussed, and there will also be an Indigenous component.

These are strictly SIMSA members-only events, so no subsidiaries, joint venture partners, suppliers, parent companies, etc. are allowed - only the direct member company is allowed.

As with all our Roundtable events, the Nutrien staff - site GMs, procurement persons, etc. - will be assigned seats around the room (usually one per table) - SIMSA members choose their table/seat upon arrival. There are various presentations, with at least half of the time set aside for networking.

In preparation, SIMSA is polling members for questions they would like answered, as well as looking for feedback on needs, shop capacities, timelines, opportunities, etc. - to create a "SIMSA state of the nation" report.

And then on November 17th, we will be holding an event with BHP. The BHP event will feature information on Jansen procurement and planning, as well as other significant items. This is also a SIMSA members-only event. The event will include presentations and significant networking opportunities. Details including topics, BHP participants, duration, pricing and sponsorship will be released soon.

The 8th Annual Saskatchewan Suppliers Energy Forum was on held September 28th in Regina – there was record attendance, the tradeshow sold-out a month in advance of the event, and the conference itself was sold-out. There were procurement presentations by energy companies and lengthy networking sessions with; Crescent Point Energy, Federated Co-operative Ltd. (and they had a substantial presence), TC Energy, Prairie Lithium, Proton Technologies, and Prairie Clean Energy.

Given the multi-billion-dollar emerging SMR market, there was also a SMR component with the OCNI presenting on accreditations required for nuclear work and opportunities stemming from SMR developments. GE Hitachi presented on their project with SaskPower, while Westinghouse and X-energy attended only for networking. SaskPower's VP of Supply Chain Grant Ring also attended as well as persons from Western Potash.



2022 SSEF Main Conference



2022 SSEF Tradeshow

Members' News

[DSG's 4+ Fuel Additives Reduce Diesel Exhaust Emissions](#)

[Peter Lucas places No. 156 on The Globe and Mail's fourth-annual ranking of Canada's Top Growing Companies.](#)

[SRC Achieves a Significant Milestone in Advancing Canada's Rare Earth Element Supply Chain](#)

[Team Power Solutions' Automation Group moves to new location in Saskatoon](#)

Sector News

On September 28th, in a seismic shift in policy, Saskatchewan's NDP stated [HERE](#) that, "Technology changes, and times change. While I know people had strong opinions on that, I know people are going to have strong opinions today. While I'm not one of them, I know it's important that we don't dismiss people who have concerns and ask questions out of hand. But if the question is, for the Saskatchewan NDP, can SMRs play an important role in our energy future in Saskatchewan? Absolutely, they can."

On September 22nd, SaskPower announced that they have narrowed nuclear power siting for small modular reactors to Estevan or Elbow areas. There is a great article on this [HERE](#).

Noted extracts from that article are:

SaskPower is looking at two areas for possible future nuclear development – Estevan and Elbow. And really, that's more like four areas, because the Estevan area being considered includes Boundary Dam Reservoir, Rafferty Reservoir, and Alameda Reservoir, recently renamed Grant

Devine Lake. As for the Elbow area – it's the north end to the southeast end of Lake Diefenbaker under consideration.

The reason is simple: the small modular reactors, or SMRs, will require a substantial amount of cooling water for their operation. The water will not be used for its internal processes, but for heat rejection. Similarly, Boundary Dam Reservoir never freezes over because of the heat put into it from the Boundary Dam Power Station.

Back on March 28, Morgan announced that Saskatchewan was looking at building four SMRs, first one pair, then a second pair. If SaskPower chooses to build the second pair, they would start its siting process over again, looking once again at the entire province. The intent is to choose the initial site by the end of 2024.

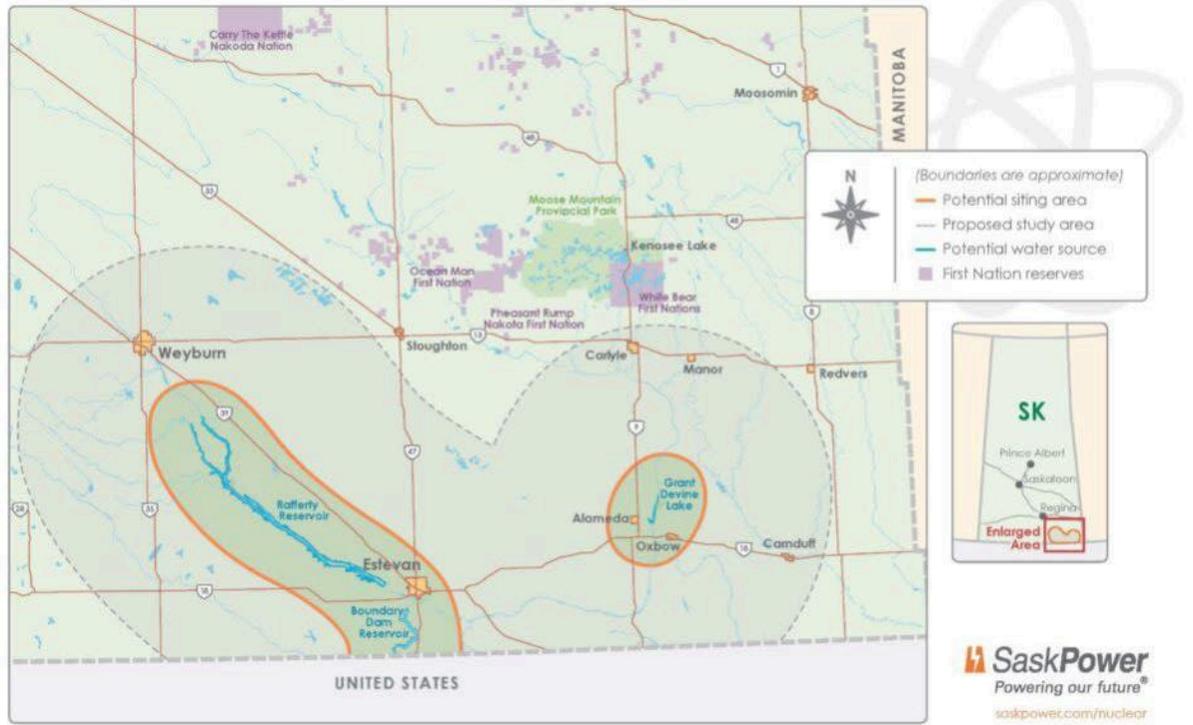
Each reactor would require a quarter-section of land.

The potential siting area is a broad area with 10 kilometres of these four bodies of water, with a 40 kilometre radius being studied. Each region also has existing transmission infrastructure, is close to major highways and has urban centres that can support a future workforce.

SaskPower intends on making its go/no go decision on nuclear power in 2029, according to Pandya. But before it can do so, it needs to do multiple license applications, and those are dependent on the site chosen.

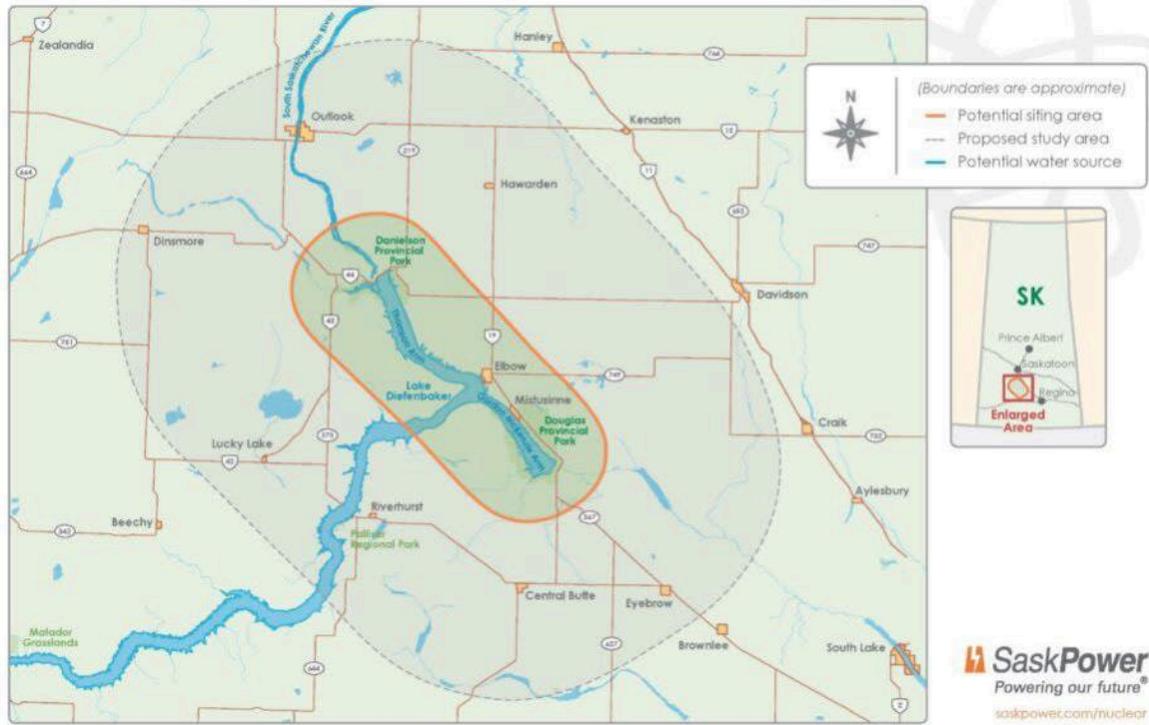
The reactor design was announced this past June, with a General Electric-Hitachi BWRX-300 reactor being chosen.

Estevan Study Area



The Estevan study area is actually three different bodies of water – Raftery Reservoir, Boundary Dam Reservoir, and Alameda Reservoir, now known as Grant Devine Lake. SaskPower

Elbow Study Area



*The east side of Lake Diefenbaker is the other area of consideration for nuclear development.
SaskPower*

Advocacy

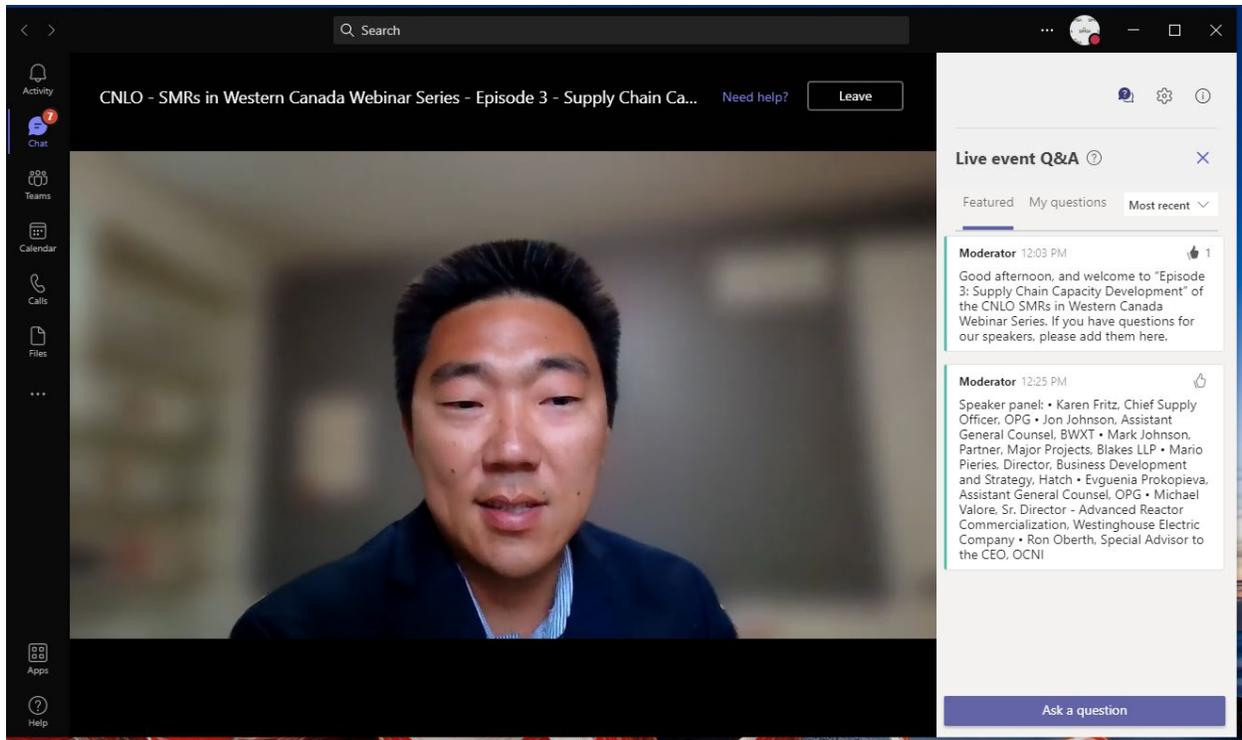
SIMSA Board Chair – Eric Lamontagne – and our Vice Chair – Ritu Malhotra – represented SIMSA at two major events on September 20th. Simultaneously, Eric Anderson – Executive Director – represented SIMSA at another two.

Eric Lamontagne attended the Rare Earths Summit. The Saskatchewan Research Council (SRC), Vital Metals Ltd./Cheetah Resources Corp. and the Canadian Chamber of Commerce’s Critical Mineral Council held the event that celebrated Saskatchewan’s Emergence as a Continental Processing, Research and Educational Rare Earth Hub. Several Provincial and Federal Government persons, as well as rare earths persons, discussed this emerging sector. Eric insured that the local suppliers will be included in the projects as they develop, as well as demonstrated our support for the projects.

Ritu Malhotra travelled to North Carolina to attend the GE Hitachi Supplier Conference. It should be noted that Ritu spent 3-days of her time to represent SIMSA at this event. GE Hitachi were selected by SaskPower to provide up to 4 SMRs, which could result in a multi-billion-dollar series of projects for SIMSA members.

Items discussed at the sessions included, reactor overview, fuel supply, quality risk/assessment, LEAN, export controls and cyber security, strategic sourcing – supply chain and contracts, etc. The use of SIMSA’s member database was also discussed. As with Eric at the rare earth event, Ritu insured that the local suppliers will be included in the projects as they develop, as well as demonstrated our support for the projects.

At the same time as the above, Eric Anderson participated in the virtual The Canadian Nuclear Law Organization’s seminar on building supply chain capacity in western Canada for SMRs and then the WIM/WiN Mine Your Potential event.



Screen capture from the SMR event with the Canadian Nuclear Law Organization

Also, as the Vice Chair of the Saskatchewan Business Council (SBC) (a coalition of Saskatchewan’s 20-leading business Associations), Eric Anderson was able to have an extended conversation with Jeremy Harrison (Minister of Trade and Export plus Immigration) and his entire senior leadership. SMRs, trade agreements, decarbonising the supply chain, Ukrainian refugees coming to Saskatchewan, and other issues were discussed. It should be noted that Eric will become Chair of the SBC in January, 2023.



SBC with Minister Harrison and his team.

Finally, Eric Anderson will play a key role representing SIMSA members, within the new Crown Energy Security Unit within the Crown Investments Corporation of Saskatchewan (CIC), which has added SMR expertise (consistent with its oversight role for commercial crowns).

Upcoming Events

Register for Upcoming Events [HERE](#)

- **Lunch and Learn – Blockchain: Cost Reduction Opportunities – October 14, 2022**
Transform the performance of Supply Chains with Blockchain Electronic Bills of Lading, Track, Trace and Real Time Payment Solutions
- **Nutrien Roundtable – October 20, 2022**
An opportunity for SIMSA members to hear from and network with Nutrien.
- **An in-person event with BHP – November 17, 2022**
Save the date for an in-person event with BHP on Jansen procurement and planning, as well as other significant items.
- **Future Mines Event – November 23, 2023**
The Future Mines networking and information session will be in-person on Wednesday, November 23rd at the Saskatoon Inn. Confirmed presenters include NexGen, Foran and Gensource.
- **Saskatchewan Mining Supply Chain Forum – April 18 & 19, 2023**
Save the date!
- **SIMSA's 2023 AGM – May 16, 2023**
Save the date!

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