

Oct 29, 2019

Bruce Power Update

To: Municipality of Brockton Council



Operational Performance

- As a company, we are focused on continuous improvement
- Unit 1
 - Set a post-refurbishment record run on Aug. 15 of 361 days of continuous operation, and continues this strong performance
 - Unit 1's run of uninterrupted production is the longest since it was returned to service in 2012 after being shut down by the former Ontario Hydro in the early 1990s
- Unit 3
 - Completed planned maintenance outage
 - Innovations and improvements have led to the unit generating an additional 22 megawatts of energy, raising Bruce Power's overall peak site output to 6,430 MWs

Life Extension Program

- Major Component Replacement (MCR)
 - Unit 6 MCR will commence in January 2020
 - \$13 billion private investment
 - Life Extension will create and sustain 22,000 direct and indirect jobs annually and inject \$4 billion into Ontario's economy each year
 - Additional 5,000 direct and indirect jobs created and sustained annually during MCR
 - Significant opportunities for local workers and industry

Major Component Replacement

- Facilities and infrastructure
- Pressure tube replacement
- Calandria tube replacement
- Feeder tube replacement
- Steam generator replacement
- Bulkheads/infrastructure



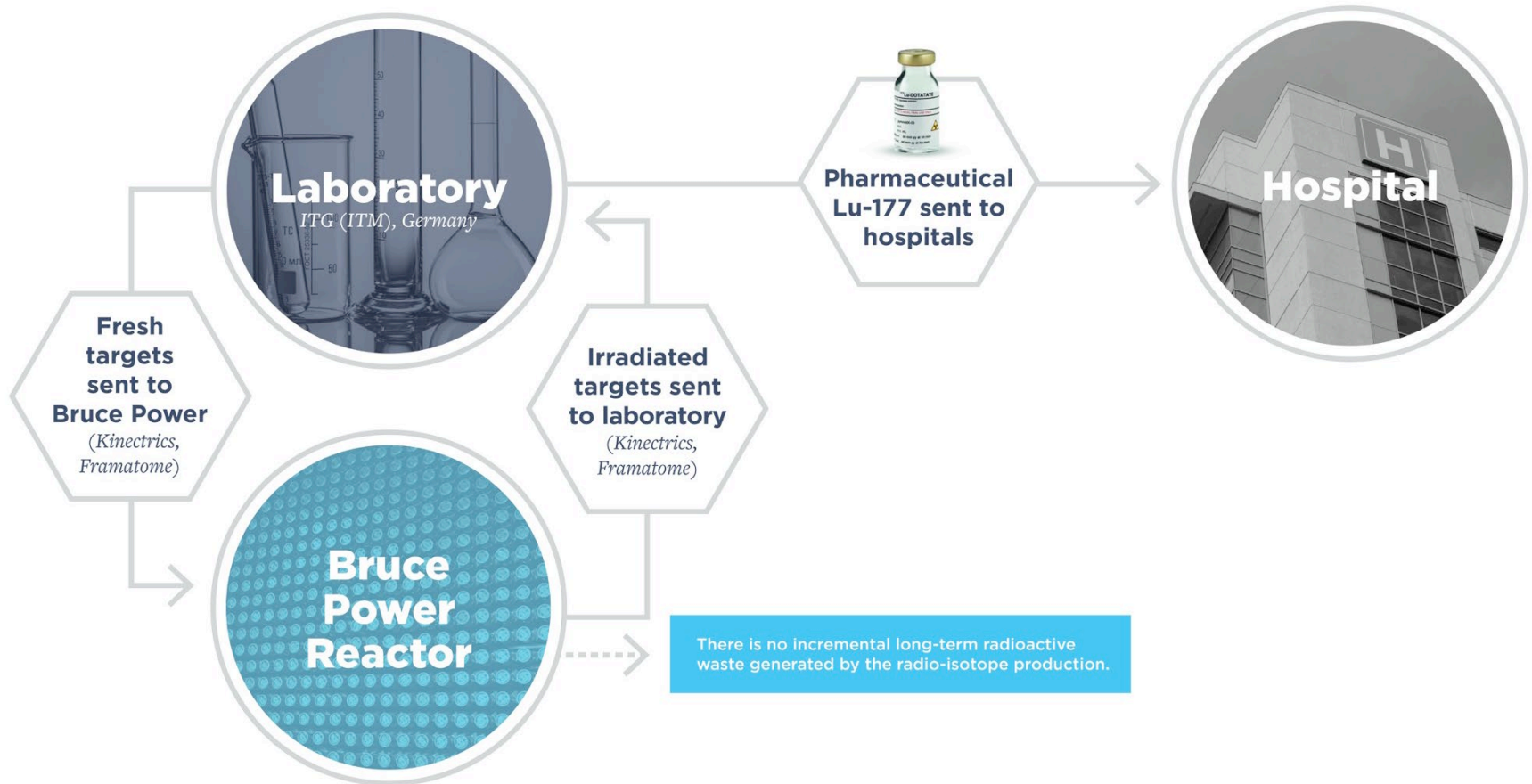
BRUCE POWER
MAJOR COMPONENT
REPLACEMENT

Medical Isotope Leadership

- Bruce Power and Saugeen Ojibway Nation (SON) forge historic partnership to collaborate on medical isotopes
- SON will have an opportunity to participate in the deployment of the delivery system part of the Project that will focus on LU-177 and potentially other isotopes
 - Specific elements to be finalized in 2020



Medical Isotope Leadership



Community Engagement

- Over 6,000 community members attended the Bruce Power Block Party
- 100 students from Bruce, Grey and Huron Counties each received \$500 scholarships at August breakfast event
- 12 local Indigenous students were awarded educational scholarships in partnership with Indspire



Community Engagement

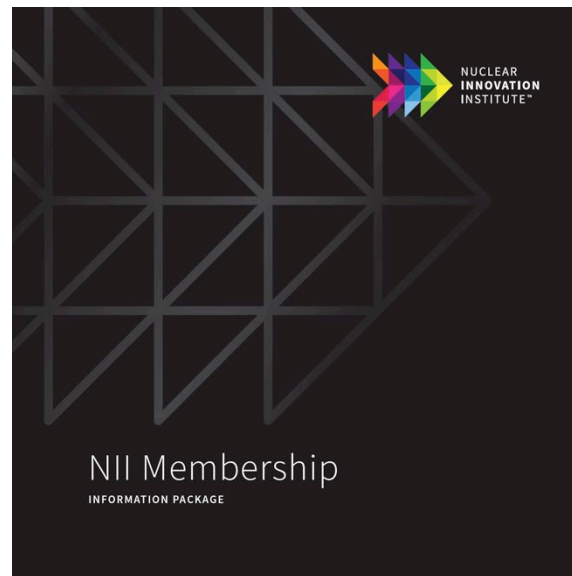
- Truax Dam partially removed and official ribbon cutting took place on Oct 15, 2019
- Gran Fondo attracted 1,000 cyclists and raised \$180,000 for the Saugeen Memorial Hospital Foundation
- Bruce Power summer bus tour program hit a new record of having 6,200 visitors



Nuclear Innovation Institute

- Confirmed location to establish iSpace620
- Introduced Founding Member Board in July
- Welcomed Kinectrics as its first Founding Member

iSPACE620



Thank You