Powering the fight against cancer

We all know someone whose life has been affected by cancer. To fight this deadly disease, we’re harnessing the healing power of nuclear energy.

Isogen (a partnership between Framatome and Kinectrics) designed and built an Isotope Production System (IPS) and installed it in a Bruce Power reactor. For the past year it’s been reliably creating lutetium-177, a life-saving medical isotope used to treat prostate cancer.

This global healthcare game-changer just won the Societal and Sustainable Responsibility Innovation award at the 2023 World Nuclear Exhibition. Now we’re looking to expand our IPS capabilities into production of different radioisotopes to utilize in targeted therapies for multiple types of cancer.

Our plan: install our IPS worldwide and produce enough doses over the next five years to treat more than one million cancer patients. When it comes to the fight against cancer, we’ll always answer the bell.

Count on it.

Learn more about our healthcare solutions.