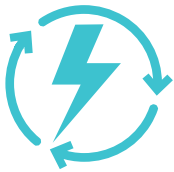


SECOND LICENSE RENEWAL EXTENDING THE LIFE OF NUCLEAR PLANTS SUPPORTS A CLEAN ENERGY FUTURE



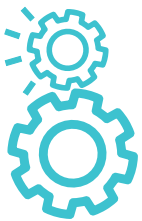
WHAT IS SECOND (OR SUBSEQUENT) LICENSE RENEWAL?

- ▶ Nuclear energy provides more than 55 percent of America's carbon-free electricity.
- ▶ Nuclear plants are licensed by the U.S. Nuclear Regulatory Commission (NRC) to operate for 40 years and can extend their licenses for up to 20 years at a time.
- ▶ More nuclear plants are seeking second license renewal (SLR) so they can continue providing reliable, clean energy for generations to come—supporting our nation's clean energy future.



20 MORE YEARS OF CLEAN ENERGY, RELIABILITY AND JOBS.

- ▶ SLR is necessary for nuclear plants—the single largest source of carbon-free electricity in the U.S.—to continue forging the path to a clean energy future. We must preserve the millions of megawatt-hours of 24/7 clean electricity that nuclear plants add to the grid.
- ▶ SLR benefits local communities because a typical reactor creates \$40 million in labor income each year and 500 to 1,000 jobs. Across the nation, nuclear plants also provide \$2.2 billion in state tax revenues annually.



MODERNIZATION DRIVES THE NUCLEAR INDUSTRY.

- ▶ Nuclear power plants are expertly maintained and continuously upgraded with state-of-the-art technology and new, replacement components.
- ▶ Plant operators and engineers monitor plant performance to ensure it can continue to operate safely in the future. Everything is evaluated: from pumps and valves, to concrete containment domes, reactor vessel heads and steam generators.
- ▶ Through the license renewal/subsequent license renewal process, the NRC ensures plants implement effective asset management programs. NRC staff are assigned to every U.S. nuclear plant to provide daily oversight and inspect programs.