



Northeastern Nevada Regional Development Authority
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**RESOLUTION 2022-1
OF THE NORTHEASTERN NEVADA REGIONAL DEVELOPMENT AUTHORITY
BOARD OF DIRECTORS**

**IN SUPPORT OF NUCLEAR POWER GENERATION TECHNOLOGY RESEARCH,
DEVELOPMENT, AND DEPLOYMENT WITHIN NORTHEASTERN NEVADA**

WHEREAS, on December 2nd 1942, a group of 49 scientists gathered beneath the abandoned Stagg football field bleachers at the University of Chicago where they conducted an experiment nicknamed “Chicago Pile-1” that yielded the first recorded self-sustaining nuclear chain reaction.; and

WHEREAS, the U.S. Government quickly recognized the potential of the nuclear age and established national laboratories to develop nuclear reactors for energy production; and

WHEREAS, on December 20th 1951, the world’s first usable amount of electricity was produced by the Experimental Breeder Reactor I built at the Argonne National Laboratory in Illinois and provided electricity to the town of Atomic City, Idaho (formerly Midway, Idaho) just three hours north of Northeastern Nevada; and

WHEREAS, nuclear energy production technology, safety, and regulatory standards have continued to evolve over the course of seven decades giving rise to next generation (III+ & IV) reactors that are highly efficient, economical, safe, proliferation resistant, and produce little waste; and

WHEREAS, nuclear energy is the largest source of clean power in the United States generating nearly 800 billion kilowatt hours of electricity annually and offsetting more than 470 million metric tons of carbon each year; and

WHEREAS, nuclear power plants are the most reliable energy source on the grid today, operating at full power more than 92% of the time and able to stay online for up to 2 years without refueling; and

WHEREAS, a strong nuclear sector ensures overall national security by providing efficient and sustainable energy to residential, commercial, and department of defense operations while U.S. global leadership in this arena allows for the influence of peaceful use of nuclear technologies; and

WHEREAS, the nuclear industry supports nearly half a million jobs in the United States and contributes an estimated \$60 billion to the U.S. gross domestic product each year; and

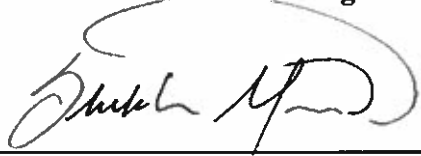
WHEREAS, nuclear power deployment within Northeastern Nevada will enhance overall energy capabilities and capacity fostering economic growth and diversification;

BE IT THEREFORE RESOLVED that the NNRDA Board of Directors are in full and unanimous support of nuclear power generation technology research, development, and deployment within Northeastern Nevada.

PASSED and ADOPTED this 27th Day of APRIL, 2022



**Terri Clark, Chairwoman
Northeastern Nevada Regional Development Authority**



**Sheldon Mudd, Executive Director
Northeastern Nevada Regional Development Authority**