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Nuclear Solutions Recruits Assistance from Los Alamos National Labs

MERIDIAN, IDAHO, Mar. 12 -/E-Wire/-- Nuclear Solutions Inc. (OTCBB:NSOL) announced today that it has executed a contract with the Los Alamos National Laboratory to assist the company's research & development effort of it's proprietary HYPERCON ADS tm process using nuclear modelling software developed by Los Alamos National Labs.

NSOL is using specialized nuclear simulation software, MCNPX (Monte Carlo N-Particle Transport Code Version X, an extension of MCNP to include all particles and energies), to run computer simulations that can accurately predict how the photodeactivation process will function on a commercial scale. This nuclear modelling software, developed by LANL, is regarded as the most precise way to simulate nuclear processes and is used by nuclear scientists and reactor designers worldwide.

"This is a very important development in our overall strategy to further prove and develop our technology, MCNP is known to be the standard nuclear simulation software in the industry which has been developed by the top scientists in the world," said Dr. Paul M. Brown, President and CEO of Nuclear Solutions. "Extensive computer modelling of our process is the most responsible way we can approach our goal of building a pilot plant. Management believes this path represents the most efficient use of capital and will minimize the risk associated with the design and construction of a pilot reactor. MCNPX in its current form does not include all the photonuclear reactions necessary for our process such as photofission reactions. I am confident that Dr. Qi Ao, in cooperation with the team at Los Alamos will be able to write the necessary code. When completed, this software an essential tool in further development and application of our technology," concluded, Dr. Brown.

Vice President of Research and Development Dr. Qi Ao indicated that NSOL intends to expand its relationship with Los Alamos in the near future. "There are many areas that are either missing the required data, or where the code needs to be augmented so that it can handle all of the reactions properly," said Dr. Ao "Since we are doing scientific research in a field that is lightly explored, we know that we will need to work with Los Alamos very closely to add new capabilities to MCNP and triple check our results," added Dr. Ao.

DISCLAIMER: This press release may be deemed to contain forward-looking statements that could affect the financial condition and results of operations of the company and its subsidiaries. Further information on potential factors that could affect financial conditions, results of operations, and expansion projects of the company are included in filings with the U.S. Securities and Exchange Commission.

NOTES TO EDITORS:

1. The application of photonuclear physics to nuclear waste is called Photodeactivation (a term coined by the inventor, Dr. Paul M. Brown). Photodeactivation involves the irradiation of specific radioactive isotopes to force the emission of a neutron, thereby producing an isotope of reduced atomic mass. These resultant isotopes can be characteristically either not radioactive or radioactive with a short half-life.

The fundamental mechanism works on the laboratory scale, and preliminary research suggests that this technology will also work on the industrial scale. NSOL is taking the steps necessary for commercialization of the technology. As for most of the advanced nuclear technologies developed today, computer simulation is one of the most important and necessary steps. NSOL will use and improve a series of nuclear simulation codes (MCNP). The new set of simulation codes will allow the NSOL research

and development team to design, test, improve, and develop experiments and commercial facilities through computer modeling.

NSOL plans to capitalize on its patent and patent-pending technology by forming strategic alliances and joint ventures with well-established leaders in the nuclear industry. Continued revenue streams are expected through licensing of the technology with both upfront fees and ongoing royalties.

2. NSOL's technology, the HYPERCON' ADS process, is an X-ray based photodisintegration process. The technology could be developed into new applications for remediation of nuclear waste. The proposed process would operate at a sub-critical level, and be inherently safe. Any excess heat produced by the process could also be recovered to generate electricity.

NSOL Executive Advisors- Biographies: Eric Lindeman: Lindeman brings over 15 years of commercial nuclear experience to the Executive Advisory Board. As director of the Washington, D.C.-based Washington Nuclear Corporation, Lindeman works with all segments of the commercial nuclear power industry to provide consulting, business development, and strategic advice to companies and governments in the United States, Asia, Australia, Canada, Russia, and Europe. He has also worked in government and public affairs, and as an award-winning journalist and managing editor for numerous nuclear industry publications.

Dr. John Powers: From 1972 to 1978, he served as a consultant to the Department of Defense, the Department of Energy, the Energy Research and Development Administration (ERDA) and the Federal Energy Administration. During this period, he conducted assessments of advanced weapons systems, simulated alternative electric energy futures for the ERDA and developed the National Coal Model. In 1978, Dr. Powers was appointed Director of R&D strategies for the Department of Energy. His first project reported to President Carter on Nuclear Waste Management. In 1983, he joined the Federal Emergency Management Agency and headed the Office of Civil Preparedness. As a senior policy advisor from 1987 to 1993, he played a major role in reformulating the nation's policies on the conduct of nuclear war. From 1996 to 1998, Dr. Powers served as Commissioner and the Executive Director of the President's Commission on Critical Infrastructure Protection. Dr. Powers will now advise the Company on the application of its unique science to both governments and private utilities who are in dire need for the technology.

Dr. Don Hunsaker: Dr. Hunsaker brings to Nuclear Solutions, Inc. over 35 years of experience in the fields of biological research, education and resource management. As President of The Environmental Trust, a Professor of Biology at San Diego State University, and an active research scientist, Dr. Hunsaker has represented United States environmental science programs worldwide. Additionally, he has served as principal investigator at San Diego State University and Hubbs Sea World Research Institute since 1960. Dr. Hunsaker will contribute his environmental expertise to Nuclear Solutions, Inc. as an Executive Advisory board member. This appointment to the advisory board provides him with the opportunity to participate in an environmentally sound, but technologically advanced solution for the transmutation of nuclear waste. The higher goal being the prevention of further nuclear contamination to our environment and water resources.

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