

Department of Energy

Department of Energy Awards Cooperative Agreement for the Production of Molybdenum-99 to Fourth U.S. Company

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Vital medical isotope is used in over 40,000 medical procedures in the United States each day

WASHINGTON, D.C. – The Department of Energy’s National Nuclear Security Administration (DOE/NNSA) has issued its fourth and final cooperative agreement award in Fiscal Year (FY) 2019 to Northwest Medical Isotopes, LLC, located in Corvallis, Oregon, for the production of molybdenum-99 (Mo-99) without the use of highly enriched uranium. [Three other cooperative agreement awards were announced in July to the following:](#)

- Niowave, Inc., located in Lansing, Michigan
- NorthStar Medical Radioisotopes, LLC, located in Beloit, Wisconsin
- SHINE Medical Technologies, located in Janesville, Wisconsin

Technetium-99m, an isotope derived from Mo-99, is used in over 40,000 medical diagnostic procedures in the United States each day, including the diagnosis of heart disease and cancer. DOE/NNSA is supporting the establishment of a reliable supply of Mo-99 produced in the United States without the use of highly enriched uranium. To

achieve this, the United States is supporting companies to have the capacity to supply approximately 3,000 six-day curies of Mo-99 per week.

The American Medical Isotopes Production Act of 2012 directed DOE/NNSA to implement a technology-neutral program, in cooperation with non-Federal entities. Congress appropriated \$40 million for these awards in FY 2018 and \$20 million in FY 2019 and directed the Department to issue a Funding Opportunity Announcement to competitively award cooperative agreements. NNSA will fund each agreement at \$15 million and require each awardee to provide \$15 million of matching funds.


[Click here for more information on DOE/NNSA efforts to establish a reliable supply of Mo-99 without the use of HEU.](#)

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News Media Contact: (202) 586-4940



1000 Independence Ave. SW
Washington DC 20585
202-586-5000

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