



**Dr. Monica C. Regalbuto**  
**Associate Principal Deputy Assistant Secretary**  
**Office of Environmental Management**

Dr. Monica Regalbuto was named Assistant Secretary for Environmental Management (EM) in August 2015. In this role, Dr. Regalbuto provides the leadership necessary to continue the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research.

Prior to serving as Assistant Secretary, Dr. Regalbuto served as EM's Associate Principal Deputy Assistant Secretary. In that role, she applied her deep technical expertise to reduce technical risk and uncertainty in EM's cleanup mission across the DOE complex.

Dr. Regalbuto previously served as Deputy Assistant Secretary for Fuel Cycle Technologies in the DOE Office of Nuclear Energy, overseeing the development of the nation's nuclear fuel cycle. In that position, she directed a research and development program comprising 10 national laboratories, 32 universities, over 400 scientists, and 300 professors. Dr. Regalbuto also has experience supporting EM as Senior Program Manager in the former Office of Waste Processing, overseeing technical risk reduction in the cleanup programs.

From 2003 to 2008, Dr. Regalbuto managed a group of 30 researchers as head of the Process Chemistry and Engineering Department in Argonne National Laboratory's Chemical Sciences and Engineering Division. Argonne — part of DOE's network of national laboratories — was where Dr. Regalbuto began her career in 1988. There, she helped develop technologies for the treatment of high-level waste at DOE plutonium production sites. As a researcher, she made key contributions to nuclear fuel-cycle technology, including the development of the UREX+ processes, a suite of solvent extraction processes for the recovery of actinides and fission products from spent fuel. Dr. Regalbuto also led research directly related to EM's mission, such as the successful demonstration of the Caustic-Side Solvent Extraction process that separates cesium-137 from high-level radioactive waste. Dr. Regalbuto has authored multiple journal articles and reports and holds six patents.

Dr. Regalbuto received her bachelor's degree in chemical engineering from the Mexican Instituto Tecnológico y de Estudios Superiores de Monterrey, and master's and doctorate degrees in chemical engineering from the University of Notre Dame.