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US Office of accelerator R&D and Production (ARDAP)

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Particle accelerators are the fundamental tools enabling discovery science at many of the Department of Energy (DOE) Office of Science (SC) facilities, supporting roughly 20,000 users per year in the areas of Basic Energy Sciences, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics. Accelerators are also used by the DOE Isotope Program to develop and produce radioactive and stable isotopes that are used worldwide for medical diagnosis and treatment, and are used in medicine, national security, and industrial processes, among other applications. These accelerator-based SC programs contribute to the economic, technical, and scientific strength of the United States. The Accelerator R&D and Production (ARDAP) program helps ensure that new and emerging accelerator technology will be available for future discovery science, medicine, industry, and national security needs by helping leverage and coordinate accelerator science and technology investments made through the other SC programs. ARDAP also makes its own investments in fundamental accelerator technology R&D and in the commercialization of these technologies. This presentation will describe the mission and activities of the ARDAP office.

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