

CONNECT

CONsortium of Nuclear sECurity Technologies

CONNECT Undergraduate Research Experience



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U.S Nuclear Regulatory Commission

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2:00 PM - 3:30 PM

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Regulating Use of Nuclear Materials to Protect Public

The U.S. Nuclear Regulatory Commission (NRC) was created as an independent agency by Congress in 1974 to ensure the safe use of radioactive materials for beneficial civilian purposes while protecting people and the environment. The NRC regulates commercial nuclear power plants and other uses of nuclear materials, such as in nuclear medicine, through licensing, inspection and enforcement of its requirements. Today, the NRC's regulatory activities are focused on reactor safety oversight and reactor license renewal of existing plants, materials safety oversight and materials licensing for a variety of purposes, and waste management of both high-level waste and low-level waste. In addition, the NRC is preparing to evaluate new applications for nuclear plants.

Julio Lara, the NRC's Deputy Regional Administrator in the NRC's Region IV office in Arlington, TX, will discuss a brief history of the NRC, how the agency regulates the use of nuclear materials and commercial nuclear power plants, and potential new advance nuclear reactor power plants. He will also discuss agency recruitment activities to prepare the agency for the future expected workload.



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