

**Please join the Boston University School of Medicine and the UNM Nuclear Engineering Department
and the Defense Nuclear Weapons School for:
An Overview on Nuclear Reactors & Reactor Accidents
Friday, November 22nd, 2019
4:00 – 7:00 PM with Questions and Discussion
Farris Engineering, Room 2550
University of New Mexico**



The first half of the presentation will provide a basic overview of reactors, different types, key terms and examples.

The second half of the presentation will focus on four case studies of four major reactor accidents: the SL-1 training reactor accident in 1961, the Three Mile Island nuclear power plant accident in 1979, the Chernobyl nuclear power plant accident in 1986 and the Fukushima Dai-ichi nuclear power plant accident in 2011.

These presentations were developed to better educate military responders and personnel in the field on basic reactor technology and provide perspective on reactor accident hazards that were seen from these worst case examples.

This is presented as part of the Biology, Chemistry and Physics of Natural and Man-made Hazards GMS BC 600 course at the Boston University School of Medicine. UNM students and faculty with emergency medicine, health physics, radiation safety and nuclear engineering background are encouraged to attend.

Recommended read-ahead materials include:

- The Lancet paper; “From Hiroshima and Nagasaki to Fukushima 2.”
- The U.S. Army Public Health Center’s “Radiation from Nuclear Power Plant Incidents” as additional background and can be found here:

<https://usaphc.amedd.army.mil/PHC%20Resource%20Library/Radiation%20Exposure%20Brochure.pdf>

If possible, participants are also encourage to watch: “Pandora’s Promise” and the recent docu-drama “Chernobyl.”

To attend or for more information please contact:

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