

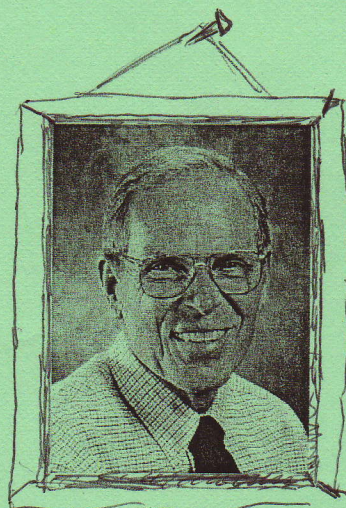
May
Eltgroth
Fisher

Physics Department Seminar

Friday February 22nd, 2002

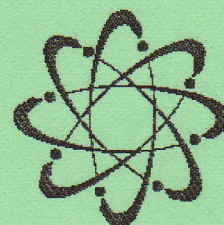
11:00am in PhSc 105

“Nuclear Terrorism: How Real Is the Threat?”



Dr. Michael McGie

Professor Emeritus
Department of Physics
CSU Chico



Abstract:

This presentation will begin with a review of some basic nuclear physics, radioactivity, fission and fusion. The workings of uranium, plutonium and hydrogen bombs will be explained. The technical barriers that potential terrorists would have to overcome to build a nuclear bomb will be examined. In addition, the radiation exposure and associated cancer risks of “radiological devices” (dirty bombs) will also be addressed.

