

# Michael Corradini

University of Wisconsin



## Nuclear Power After Fukushima

Department of Physics Colloquium

The Tohoku earthquake caused a tsunami, which hit the east coast of Japan, and caused a loss of all on-site and off-site power at the Fukushima Daiichi site, leaving it without any emergency power. The resultant damage to fuel, reactor and containment caused a release of radioactive materials to the region surrounding the plants. Although not directly affected, the U.S. nuclear power industry will take lessons from this accident. The American Nuclear Society (ANS) formed a special committee to examine the Fukushima Daiichi accident. The committee was charged to provide a clear and concise explanation of the accident events, health physics and accident cleanup as well as safety-related issues that emerged. The committee also evaluated actions that ANS should consider to better communicate with the public during a nuclear event. This talk will discuss the accident and the future of nuclear power after Fukushima.

