

The 2011 Fukushima event changed how the U.S. commercial nuclear industry viewed nuclear safety and our response to nuclear emergencies. As a result of the industry's study of the Fukushima event and how to mitigate similar risks at U.S. plants, the industry undertook a series of initiatives to harden our plants and improve our coping times. One of those initiatives developed out of the Fukushima lessons learned was the creation of two U.S. national Strategic Alliance for FLEX Emergency Response (SAFER) response facilities located in Memphis, TN and Phoenix, AZ. These facilities are maintained by Pooled Inventory Management (PIM) and managed by Southern Company.

The SAFER centers contain extra equipment to duplicate plants' emergency diesel generators, pumps, hoses and so on. This equipment would maintain plant safety functions for an indefinite period if an event disabled a plant's installed safety systems. SAFER has completed two exercises to demonstrate to the NRC they can get backup equipment to any site within 24 hours.

This session provides a hosted tour of the Memphis SAFER facility and includes transportation to and from the SAFER site. The Memphis SAFER Facility is located at the Barnhart Heavy Lifting Terminal and is an industrial site; proper plant attire is required to ensure the safety of all members. Due to capacity constraints, this session is only available to in-person EUCG Nuclear Committee attendees and U.S. nuclear plant personnel.