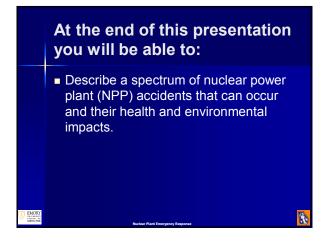
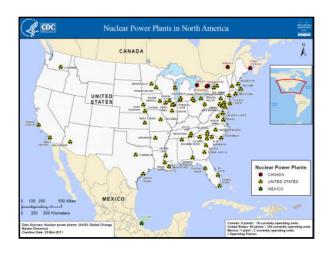


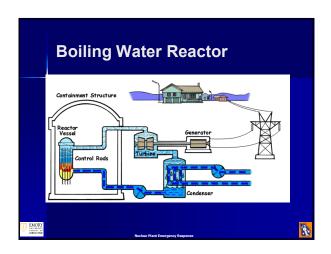
Why is this training program important to you? ■ The Fukushima Daiichi nuclear power plant (NPP) crisis impacted countries located thousands of miles away. ■ Several medical questions and issues became evident as the events unraveled.

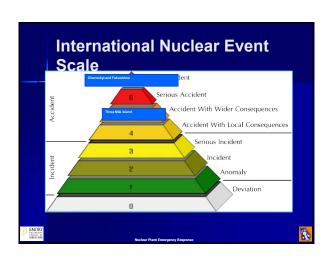
Why are you here? ■ These issues included decontamination and monitoring, medical evaluation, and the use of drugs like potassium iodide (KI). ■ Emergency responders will be involved at each one of these steps.

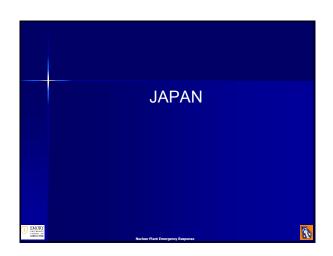


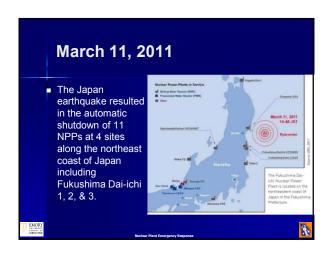








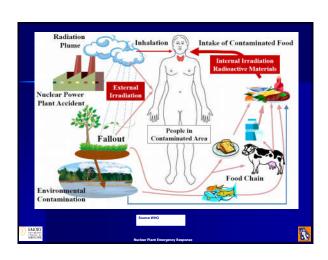








Radionuclides Released I lodine-131 (8 d half-life) Cesium-137 (30 y) Cesium-134 (2 y) Others



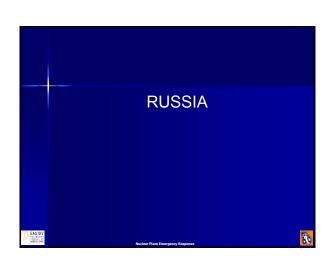
	Protective Action Measures in Japan			
	March 11	Evacuation of residents within 3 Km (1.9 miles). Shelter-in-place within 10 Km (6.2 miles)		
	March 12	Evacuation of residents within 20 Km (12.4 miles)		
	March 15	Evacuation of residents within 30 Km (18.6 miles)		
	April 11	Planned evacuation areas and Evacuation-prepared area established in areas beyond 20 Km (12.4 miles)		
	April 21	Restricted area within 20 km established to allow temporary access and exclusion area of 3 Km for members of the public		
EMORY STREET OF MEDICINE		Nuclear Plant Emergency Response	6	

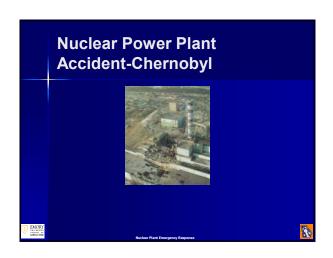


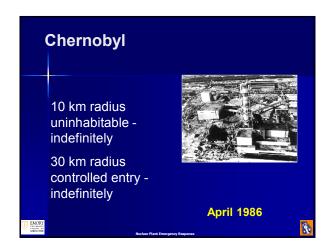


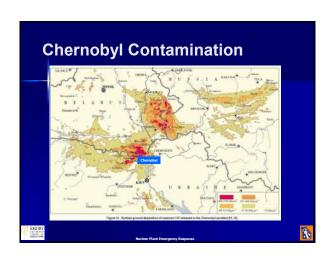




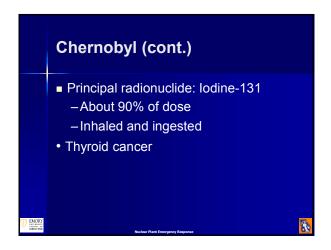


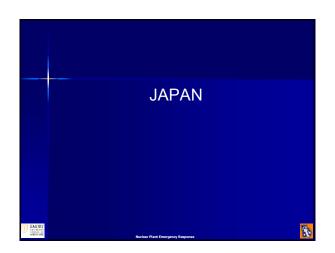




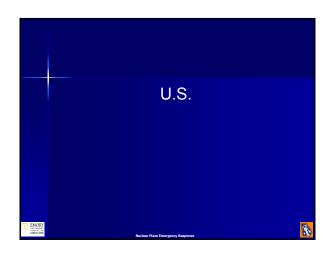


Firefighters in Chernobyl 137 emergency workers had acute radiation syndrome (ARS). ARS was identified as cause of death for 28 people within the first few months after the disaster.



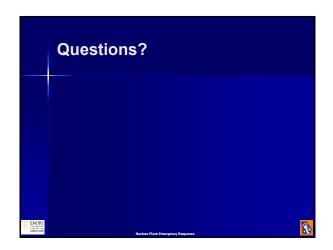












	Summary Points	
	 NPP accidents occur rarely but can have grave consequences. Radionuclides that are released can contaminate the environment. 	
	 Radionuclides can contaminate people directly or indirectly. Impacts on public health can be significant. 	
EMORY STREET OF MEDICINE	Nuclear Plant Emergency Response	8