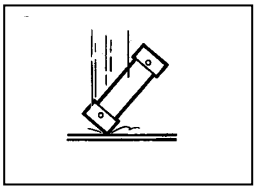
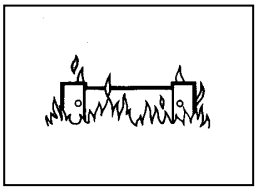
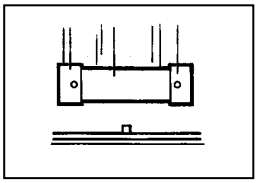
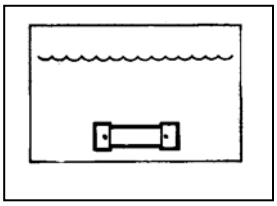
Everyone knows that accidents happen…

The nuclear industry wants you to believe that shipping nuclear waste to a dump at Yucca Mountain is safe. But current nuclear waste transport casks have never been physically tested! The Nuclear Regulatory Commission's performance requirements are outdated and dangerously underestimate today's worst-case accident scenarios.

NAME OF TEST	REGULATORY REQUIREMENTS	SAFETY THREATENED
Drop Test 	Casks must withstand a 30-foot fall onto an essentially unyielding surface, simulating the impact of a crash.	• In this test, cask speed at the moment of impact is only 30 miles per hour. • Highway speed limits—typically 65-75 mph—have increased since this regulation was written. • A crash into a bridge abutment or an oncoming heavy vehicle could exceed test conditions.
Burn Test 	Casks must withstand an engulfing fire at 1475º F for 30 minutes.	• Other materials that share roadways burn at much hotter temperatures (diesel burns at 1800º F) and for longer than 30 minutes. • The 2001 train fire in Baltimore burned for more than 3 days and probably reached temperatures hotter than 1500º F.
Puncture Test 	Cask must withstand a free-fall from 40 inches onto an 8-inch long spike.	• Many of the bridges along transport routes are considerably taller than 40 inches. • A train derailment or truck crash on a bridge could cause puncture damage to the cask's shield and release radiation.
Water Submersion Test 	A cask that has undergone the puncture test must withstand submersion under 3 feet of water. An undamaged cask must withstand submersion under 200 meters (656 feet) of water for 1 hour.	• A damaged cask submerged in water deeper than 3 feet could contaminate water supplies. • Casks can weigh as much as 125 tons and would be extremely difficult to rescue in 1 hour, especially in remote areas. • Water pressure over long periods of time could cause radiation to be released.

OPPOSE risky radioactive waste transport to Yucca Mountain.

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