

UST Regulations: Celebrating 25 Years



Addressing the Problem: Leaking USTs

- **November 1984**
 - Subtitle 1 of the Resource Conservation and Recovery Act (RCRA) amended to address leaking USTs
 - September 1985- Iowa rule for UST registration
 - May 1986 – USTs required to be registered in Iowa
- **April 1987**
 - EPA publishes proposed UST regulations in the Federal Register
 - July 1987 - Iowa adopts first UST closure rules

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- **September 1988**
 - Final regulations published: 40 CFR PART 280- Technical Standards and Corrective Action Requirements for Owners and Operators of USTs
 - Sets standards for EPA approval for delegating enforcement authority to state UST programs
 - October 1988 – Iowa adopts federal regulations
 - March 1995 – Iowa is delegated federal enforcement authority
 - **November 2011**
 - First changes proposed for 1988 UST Regulations

Effects of UST Regulations

- ◎ Drop in UST Population Natiowide
 - 2.1 million USTs in 1987
 - 590,104 USTs in 2012
- ◎ Cleaning up the mess: cleanup costs went from 0 in the 1980s to an estimated total of 32 billion dollars today
 - Economic Consequences: environmental and petroleum businesses
- ◎ Cleanup Costs led to Financial Responsibility component of the rule

Requirements of New Regulations

◎ New UST Systems

- Meet all the requirements of 567-135 IAC

◎ Existing UST Systems

- Leak detection
- Upgrade Deadline: December 22, 1998
 - Cathodic Protection
 - Overfill Prevention
 - Spill Protection

Energy Policy Act: 2005

- ◉ Secondary Containment
- ◉ Delivery Prohibition
- ◉ Operator Training
- ◉ Compliance Inspections