

# Development of low-cost residential sprinkler protection - a technical report

Federal Emergency Management Agency, U.S. Fire Administration - Letters to the Editor



Description: -

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Fire sprinklers

SprinklersDevelopment of low-cost residential sprinkler protection - a technical report

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Tags: #Assessing #the #Reliance #of #Sprinklers #for #Active #Protection #of #Structures

## Assessing the Reliance of Sprinklers for Active Protection of Structures

The owner is responsible for full compliance with Local Law 5 of 1973.

## Sprinkler protection of manufactured homes with sloped ceilings using prototype limited water supply sprinklers

With sufficient funding this will enable LANL to ship the above-ground high activity contact-handled transuranic waste offsite by the end of Fiscal Year FY 2007 and to disposition the remaining above- and below-ground contact-handled and remote-handled transuranic waste inventory by December 2010. In preparation for assuming its management responsibilities at Los Alamos, LANS conducted walk-downs of the Laboratory's facilities to identify pre-existing deficiencies that could give rise to liability, obligation, loss or damage.

## Sprinkler protection of manufactured homes with sloped ceilings using prototype limited water supply sprinklers

Fifteen homes in the Champaign, Illinois, area participated in the study. Kung HC, You HZ, Spaulding RD 1988 Ceiling flows of growing rack storage fires. First, fire departments take time to arrive on scene whereas a sprinkler operates automatically at the start of the fire.

## Low

The most obvious water conservation benefit of a fire sprinkler system is in the event of a fire. Once completed send the form to cseappointments buildings.

## Residential fire sprinklers are winning over critics

Our review disclosed that LANS had not resolved many of the fire protection deficiencies that had been identified in early 2006: 1 Of the 296 pre-existing deficiencies we selected for audit, 174 59 percent had not been corrected; and, 2 A substantial portion of the uncorrected deficiencies, 86 49 percent were considered by the walk-down teams to be significant enough to warrant compensatory actions until the deficiency was corrected or was tracked to closure through implementation of corrective actions. First, the city can save or at the very least delay a substantial investment in

fire department operations.

## **Letters to the Editor**

Water is one of the most basic necessities and we continue to learn more about how our actions affect this critical and valuable natural resource.

### **Sprinkler protection of manufactured homes with sloped ceilings using prototype limited water supply sprinklers**

It was found that new systems and techniques, such as in-line centrifugal fans, were generally superior to the earlier method using axial computer-type fans. In preparation for assuming its management responsibilities at Los Alamos, LANS conducted walk-downs of the Laboratory's facilities to identify pre-existing deficiencies that could give rise to liability, obligation, loss or damage. Other factors such as outdoor temperature were shown to have an impact on radon concentration.

### **New York City bank building fire [electronic resource] : compartmentation vs. sprinklers (January 31...**

In May 2000, the 'Cerro Grande' fire burned about 43,000 acres, including 7,700 acres of Laboratory property. Dispositioning the transuranic waste inventory requires retrieval of the containers from above and below-ground storage, examination and repackaging or remediation as necessary, characterization, certification and loading for shipment to the Waste Isolation Pilot Plant in Carlsbad New Mexico, all in accordance with well-defined requirements and controls. Actions are underway to stage the inventory in a manner that facilitates handling and processing, and builds a backlog at key process steps to improve efficiency and minimize the impact of operational slowdown elsewhere in the process.

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