

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR REACTOR REGULATION
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
WASHINGTON, D.C. 20555-0001

March 22, 2002

NRC INFORMATION NOTICE 99-28, SUPPLEMENT 1: RECALL OF STAR BRAND FIRE
PROTECTION SPRINKLER HEADS

Addressees

All holders of licenses for nuclear power, research, and test reactors and fuel cycle facilities.

Purpose

The U.S. Nuclear Regulatory Commission (NRC) is issuing this supplement to notify addressees that the Consumers Product Safety Commission (CPSC) is seeking to expand the original recall of the Star brand fire protection sprinkler heads. This supplement provides information that came to light after the issuance of the original Information Notice (IN). It is expected that recipients will review the information for applicability to their facilities and consider actions, as appropriate. However, this supplement contains no NRC requirements and requires no specific actions or written response.

Background

On August 4, 1999, CPSC announced a voluntary recall of approximately 1 million Star sprinkler heads manufactured by the Mealane Corporation from 1961 through 1976. CPSC reported that 67 percent of the heads tested failed to activate as they should. One of those models, the Star ME-1, was manufactured by Mealane from 1975 through 1976. The NRC issued IN 99-28 to inform licensees of the recall.

Description of Circumstances

On October 11, 2001, CPSC filed a complaint against certain companies that made the Star ME-1 sprinkler head from 1977 through 1995. The complaint alleges that the Star ME-1 sprinklers are defective and likely to fail to operate properly in a fire. The sprinklers have been installed in many different types of facilities and CPSC is aware of one fire in which three Star ME-1 sprinklers reportedly failed to operate. CPSC seeks a nationwide recall of approximately 700,000 Star ME-1 sprinkler heads manufactured from 1977 through 1995. CPSC filed the complaint after discussions with the companies failed to bring about an agreement to voluntarily recall and replace the sprinkler heads. The press release can be found at www.cpsc.gov/cpsc/pub/prereel/prhtml02/02013.html. Central Sprinkler Company, which manufactured the Star ME-1 model from 1996 through 1998, has joined the Mealane Corporation in voluntarily recalling these sprinkler heads.

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Further Information

The NRC issued Information Notices 97-72, 99-28, and 01-10 to tell licensees of past CPSC recalls of various sprinkler head models. The Mealane Corporation has established a hotline at (800) 866-7807 and a Web site at www.star-recall.com to initiate their recall.

Information on the Central Sprinkler Corporation recall can be obtained at (866) 505-8553 and at www.sprinklerreplacement.com. The NRC has not received any reports of sprinkler head failures at regulated facilities, but it is prudent to keep licensees advised of the latest developments.

Conclusion

This supplement requires no specific action or written response. If you have any questions about the information in this supplement, please contact the technical contacts listed below or your facility's project manager.

/RA/

William D. Beckner, Program Director
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Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

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Attachments:

1. List of Recently Issued NRR Information Notices
2. List of Recently Issued NMSS Information Notices

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LIST OF RECENTLY ISSUED
 NRC INFORMATION NOTICES

Information Notice No.	Subject	Date of Issuance	Issued to
2002-12	Submerged Safety-Related Electrical Cables	03/21/2002	All holders of operating licenses or construction permits for nuclear power reactors
2002-11	Recent Experience with Degradation of Reactor Pressure Vessel Head	03/12/2002	All holders of operating licenses for pressurized-water reactors (PWRs), except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor.
2002-10	Nonconservative Water Level Setpoints on Steam Generators	03/07/2002	All holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor.
2002-09	Potential for Top Nozzle Separation and Dropping of Certain Type of Westinghouse Fuel Assembly	02/13/2002	All holders of operating licenses for nuclear power reactors, and non-power reactors and holders of licenses for permanently shutdown facilities with fuel onsite.
2002-08	Pump Shaft Damage Due to Excessive Hardness of Shaft Sleeve	01/30/2002	All holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor.
2002-07	Use of Sodium Hypochlorite for Cleaning Diesel Fuel Oil Supply Tanks	01/28/2002	All holders of operating licenses for nuclear power except those who have ceased operations and have certified that fuel has been permanently removed from the reactor vessel.

LIST OF RECENTLY ISSUED
 NMSS INFORMATION NOTICES

Information Notice No.	Subject	Date of Issuance	Issued to
2001-18	Degraded and Failed Automatic Electronic Monitoring, Control, Alarming, Response, and Communications Needed for Safety and Safeguards	12/14/2001	All uranium fuel conversion, enrichment and fabrication licenses and certificate holders authorized to receive safeguards information. Information notice is not available to the public because it contains safeguards information.
2001-17	Degraded and Failed Performance of Essential Utilities Needed for Safety and Safeguards	12/14/2001	All uranium fuel conversion, enrichment, and fabrication licenses and certificate holders authorized to receive safeguards information. Information notice is not available to the public because it contains safeguards information.
2001-08, Sup. 2	Update on Radiation Therapy Overexposures in Panama	11/20/2001	All medical licensees.
2001-11	Thefts of Portable Gauges	07/13/2001	All portable gauge licensees.
2001-08, Sup. 1	Update on the Investigation of Patient Deaths in Panama, Following Radiation Therapy Overexposures	06/06/2001	All medical licensees.
2001-08	Treatment Planning System Errors Result in Deaths of Overseas Radiation Therapy Patients	06/01/2001	All medical licensees.
2001-03	Incident Reporting Requirements for Radiography Licensees	04/06/2001	All industrial radiography licensees.
2001-01	The Importance of Accurate Inventory Controls to Prevent the Unauthorized Possession of Radioactive Material	03/26/2001	All material licensees.

OL = Operating License
 CP = Construction Permit