



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

(FSME-11-105, November, Other, tritium exit signs)

November 14, 2011

ALL AGREEMENT STATES

NOTIFICATION OF THE U.S. NUCLEAR REGULATORY COMMISSION ACTION ON  
PETITION SUBMITTED BY THE ASSOCIATION OF STATE AND TERRITORIAL SOLID  
WASTE MANAGEMENT OFFICIALS (FSME-11-105)

**Purpose:** To notify the Agreement States of the U.S. Nuclear Regulatory Commission (NRC) denial of the petition submitted by the Association of State and Territorial Solid Waste Management Officials (ASTSWMO) requesting that the NRC amend its regulations to improve the labeling and accountability of tritium exit signs.

**Background:** The petitioner requested that the NRC amend its regulations to improve the labeling and accountability of tritium exit signs. The ASTSWMO believes the majority of unaccounted for tritium exit signs are disposed of in solid waste landfills where they become potential sources of groundwater and surface water contamination. The ASTSWMO requested that the NRC revise its regulations and/or guidance to require that the labeling be in several locations on the sign and printed with larger font; an expiration date should be distinctly legible to a fire or building inspector without taking down the sign; and the radiation trefoil should be displayed on the front and back of advertisements. Also, the petitioner recommended that a national collection effort with distinct milestones and goals be undertaken to consolidate all expired and disused tritium exit signs. The petitioner requested that the NRC organize a meeting with ASTSWMO and all interested stakeholders to set a new path forward on this issue.

The NRC closed the petition after reviewing the information provided in the petition and the comments, and the NRC determined that current regulations in this area are adequate to protect public health and safety.

If you have any questions regarding this correspondence, please contact me at 301-415-7278 or the individual named below.

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