

NRC staff review and would not be reviewed as a part of the CLIP. This may increase the time and resources needed for the review or result in NRC staff rejection of the LAR. Licensees desiring significant deviations or additional changes should instead submit an LAR that does not claim to adopt TSTF-514, Revision 3.

Dated at Rockville, Maryland, this 7th day of December 2010.

For the Nuclear Regulatory Commission.  
**Melissa S. Ash,**

*Acting Chief, Licensing Processes Branch,  
Division of Policy and Rulemaking, Office  
of Nuclear Reactor Regulation.*

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## NUCLEAR REGULATORY COMMISSION

[ NRC-2009-0353 ]

### Final Regulatory Guide: Issuance, Availability

**AGENCY:** Nuclear Regulatory  
Commission.

**ACTION:** Notice of Issuance and  
Availability of Regulatory Guide (RG)  
5.80, "Pressure-Sensitive and Tamper-  
Indicating Device Seals for Material  
Control and Accounting of Special  
Nuclear Material."

**FOR FURTHER INFORMATION CONTACT:**  
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#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

The U.S. Nuclear Regulatory Commission (NRC or Commission) is issuing a new guide in the agency's "Regulatory Guide" series. This series was developed to describe and make available to the public information such as methods that are acceptable to the NRC staff for implementing specific parts of the agency's regulations, techniques that the staff uses in evaluating specific problems or postulated accidents, and data that the staff needs in its review of applications for permits and licenses.

Regulatory Guide 5.80, "Pressure-Sensitive and Tamper-Indicating Device Seals for Material Control and Accounting of Special Nuclear Material," was issued with a temporary identification as Draft Regulatory Guide, DG-5029. This regulatory guide replaces the existing RG 5.10, "Selection and Use of Pressure-Sensitive Seals on

Containers for Onsite Storage of Special Nuclear Material," issued July 1973, and the existing RG 5.15, "Tamper-Indicating Seals for the Protection and Control of Special Nuclear Material," issued March 1997, with a new regulatory guide titled, "Pressure-Sensitive and Tamper-Indicating Device Seals for MC&A Use." As a replacement, this guide describes a number of improved tamper-indicating devices (TIDs) and pressure-sensitive (PS) seals developed in recent years, primarily in response to commercial interests outside the nuclear industry. This guide, among other things, distinguishes between genuine and nongenuine manufactured seals and stresses serial number identification to aid in the control of material or to alert shipping and receiving personnel to containers that were opened in transit. This guide also incorporates suggestions for ensuring that TIDs are properly applied.

##### II. Further Information

In June 2009, DG-5029 was published with a public comment period of 60 days from the issuance of the guide. The public comment period closed on October 13, 2009. The staff's responses to the public comments received can be located in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Number ML101810238. The regulatory analysis may be found in ADAMS under Accession Number ML101800517. Electronic copies of RG 5.80 are available through the NRC's public Web site under "Regulatory Guides" at <http://www.nrc.gov/reading-rm/doc-collections/>.

In addition, regulatory guides are available for inspection at the NRC's Public Document Room (PDR) located at 11555 Rockville Pike, Rockville, Maryland. The PDR's mailing address is USNRC PDR, Washington, DC 20555-0001. The PDR can also be reached by telephone at 301-415-4737 or 1-800-397-4205, by fax at 301-415-3548, and by e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

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Dated at Rockville, Maryland, this 10th day of December, 2010.

For the Nuclear Regulatory Commission.

**John N. Ridgely,**

*Acting Chief, Regulatory Guide Development  
Branch, Division of Engineering, Office of  
Nuclear Regulatory Research.*

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**BILLING CODE 7590-01-P**

## NUCLEAR REGULATORY COMMISSION

[NRC-2008-0427]

### Notice of Issuance of Regulatory Guide

**AGENCY:** Nuclear Regulatory  
Commission.

**ACTION:** Notice of Issuance and  
Availability of Regulatory Guide 3.12,  
Revision 1, "General Design Guide for  
Ventilation Systems of Plutonium  
Processing and Fuel Fabrication Plants."

**FOR FURTHER INFORMATION CONTACT:**  
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#### SUPPLEMENTARY INFORMATION:

##### I. Introduction

The U.S. Nuclear Regulatory Commission (NRC) is issuing a revision to an existing guide in the agency's "Regulatory Guide" series. This series was developed to describe and make available to the public information such as methods that are acceptable to the NRC staff for implementing specific parts of the agency's regulations, techniques that the staff uses in evaluating specific problems or postulated accidents, and data that the staff needs in its review of applications for permits and licenses.

Revision 1 of Regulatory Guide 3.12, "General Design Guide for Ventilation Systems of Plutonium Processing and Fuel Fabrication Plant," was issued with a temporary identification as Draft Regulatory Guide, DG-3034. This guide describes a method that the staff of the NRC considers acceptable for use in complying with Title 10, § 70.23(a)(3), of the *Code of Federal Regulations* (10 CFR 70.23(a)(3)), and 10 CFR 70.23(a)(4) on the design of ventilation systems for plutonium processing and fuel fabrication plants. At plutonium processing and fuel fabrication plants, a principal risk to health and safety is the release and dispersal of radioactive materials. The prevention of such release and dispersal is an important function of the ventilation systems. To meet these objectives, this guide provides recommendations for achieving defense in depth and for minimizing the release of radioactive materials to the environment.

Each applicant for a license to possess and use special nuclear material in a plutonium processing and fuel fabrication plant, as defined in 10 CFR