



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
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(FSME-14-069, July, Other, NUREG-2166)

July 10, 2014

ALL AGREEMENT AND NON-AGREEMENT STATES  
STATE LIAISON OFFICERS

NOTIFICATION OF ISSUANCE OF A NUREG-SERIES PUBLICATION: NUREG-2166,  
"PHYSICAL SECURITY BEST PRACTICES FOR THE PROTECTION OF RISK-SIGNIFICANT  
RADIOACTIVE MATERIAL" (FSME-14-069)

**Purpose:** To communicate the availability of NUREG-2166 "Physical Security Best Practices for the Protection of Risk-Significant Radioactive Material," and other documents for the implementation of Part 37 of Title 10 of the *Code of Federal Regulations* (10 CFR), "Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material."

**Background:** This NUREG was developed in response to a recommendation of the U.S. Government Accountability Office (GAO) report entitled, "Nuclear Nonproliferation: Additional Actions Needed to Improve Security of Radiological Sources at U.S. Medical Facilities," dated September 10, 2012. It was recommended that the U.S. Nuclear Regulatory Commission (NRC) provide specific measures that licensees must take to develop and sustain a more effective security program, including specific direction on the use of cameras, alarms, and other relevant physical security measures. The NRC believes that the existing performance-based program of required security measures for those who possess risk-significant radioactive materials, including those at medical facilities, is effective and appropriate and that prescribing additional specific security measures is neither practical nor desirable. Therefore, in response to the recommendation and in the interest of providing useful and practical information to licensees, NRC staff developed a guidance document to provide additional written guidance to instruct licensees on best practices to consider in the implementation of their security programs.

**Discussion:** The NRC staff published NUREG-2166 entitled, "Physical Security Best Practices for the Protection of Risk-Significant Radioactive Material," in May 2014. This document can be found on the NRC public Web site at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr2166/>. Staff coordinated with representatives of State and Federal partners to develop a best practices document to provide NRC licensees or applicants guidance with specific emphasis on physical security best practices (e.g., access authorization, intrusion detection, alarms, cameras). The best practices document provides practical guidance to be considered by licensees in developing and implementing an effective physical protection program. The approaches and methods in the best practices document are not requirements; however, the NRC considers them to be acceptable for complying with the requirements in 10 CFR Part 37.

The 10 CFR Part 37 regulations are available electronically on NRC's public Web site at <http://www.nrc.gov/reading-rm/doc-collections/cfr/part037/>. Also, NRC has created a Web site for 10 CFR Part 37 that can be found at <http://www.nrc.gov/security/byproduct/10-cfr-part-37.html>. This site contains helpful information, such as hyperlinks to the final rule language as published in the *Federal Register* (<http://www.gpo.gov/fdsys/pkg/FR-2013-03-19/pdf/2013-05895.pdf>), types of licensees that may be subject to 10 CFR Part 37 requirements, the implementation guidance for the rule (<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr2155/>), as well as some frequently asked questions that have been developed during the implementation process. Also publicly available is the Inspection Procedure (IP 87137) for 10 CFR Part 37 Materials Security Programs, which can be found at <http://pbadupws.nrc.gov/docs/ML1403/ML14030A144.pdf>.

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