

October 21, 2016

MEMORANDUM TO: Brian E. Thomas, Director  
Division of Engineering  
Office of Nuclear Regulatory Research

FROM: Melanie A. Galloway, Director */RA/ RFelts for*  
Division of Security Policy  
Office of Nuclear Security and Incident Response

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDES  
5.20, 5.31, 5.43, 5.52, 5.55, 5.56, 5.59, 5.60, 5.61 and 5.63

This memorandum documents the U.S. Nuclear Regulatory Commission (NRC) periodic review of Regulatory Guide (RG) 5.20, "Training, Equipping, and Qualifying of Guards and Watchmen," RG 5.31, "Specially Designed Vehicle with Armed Guards for Road Shipment of Special Nuclear Material," RG 5.43, "Plant Security Force Duties," RG 5.52, "Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material at Fixed Sites (Other than Nuclear Power Plants)," RG 5.55, "Standard Format and Content of Safeguards Contingency Plans for Fuel Cycle Facilities," RG 5.56, "Standard Format and Content of Safeguards Contingency Plans for Transportation," RG 5.59, "Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance," RG 5.60, "Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material in Transit," RG 5.61, "Intent and Scope of the Physical Protection Upgrade Rule Requirements for Fixed Sites," and RG 5.63, "Physical Protection for Transient Shipments." As discussed in Management Directive (MD) 6.6, "Regulatory Guides," the NRC staff reviews RGs approximately every 5 years to ensure that the RGs continue to provide useful guidance. Documentation of the NRC staff review is enclosed.

Based on the results of the periodic review, the staff concludes that no changes to RGs 5.31, 5.43, 5.52, 5.55, 5.56, 5.59, 5.60, 5.61, and 5.63 are warranted at this time. However, the staff identified some technical or regulatory issues in the review that could warrant addressing in a future revision. In addition, the staff concludes that RG 5.20 should be withdrawn.

The staff had previously begun work on a rulemaking related to certain fuel cycle and transportation security provisions in Part 73 that would have resulted in the withdrawal of the RGs 5.43, 5.52, 5.55, 5.56, 5.59, and 5.60, but that rulemaking is currently on hold. The staff has determined that these RGs would need to be updated if the rulemaking is discontinued. If the rulemaking process resumes, those RGs would be withdrawn. The staff expects a decision on the future of this rulemaking in fiscal year 2017.

CONTACT: Wesley Held, NSIR/DSP  
301-287-3591

Enclosures:  
As stated

October 21, 2016

MEMORANDUM TO: Brian E. Thomas, Director  
Division of Engineering  
Office of Nuclear Regulatory Research

FROM: Melanie A. Galloway, Director */RA/ RFelts for*  
Division of Security Policy  
Office of Nuclear Security and Incident Response

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDES  
5.20, 5.31, 5.43, 5.52, 5.55, 5.56, 5.59, 5.60, 5.61 and 5.63

This memorandum documents the U.S. Nuclear Regulatory Commission (NRC) periodic review of Regulatory Guide (RG) 5.20, "Training, Equipping, and Qualifying of Guards and Watchmen," RG 5.31, "Specially Designed Vehicle with Armed Guards for Road Shipment of Special Nuclear Material," RG 5.43, "Plant Security Force Duties," RG 5.52, "Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material at Fixed Sites (Other than Nuclear Power Plants)," RG 5.55, "Standard Format and Content of Safeguards Contingency Plans for Fuel Cycle Facilities," RG 5.56, "Standard Format and Content of Safeguards Contingency Plans for Transportation," RG 5.59, "Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance," RG 5.60, "Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material in Transit," RG 5.61, "Intent and Scope of the Physical Protection Upgrade Rule Requirements for Fixed Sites," and RG 5.63, "Physical Protection for Transient Shipments." As discussed in Management Directive (MD) 6.6, "Regulatory Guides," the NRC staff reviews RGs approximately every 5 years to ensure that the RGs continue to provide useful guidance. Documentation of the NRC staff review is enclosed.

Based on the results of the periodic review, the staff concludes that no changes to RGs 5.31, 5.43, 5.52, 5.55, 5.56, 5.59, 5.60, 5.61, and 5.63 are warranted at this time. However, the staff identified some technical or regulatory issues in the review that could warrant addressing in a future revision. In addition, the staff concludes that RG 5.20 should be withdrawn.

The staff had previously begun work on a rulemaking related to certain fuel cycle and transportation security provisions in Part 73 that would have resulted in the withdrawal of the RGs 5.43, 5.52, 5.55, 5.56, 5.59, and 5.60, but that rulemaking is currently on hold. The staff has determined that these RGs would need to be updated if the rulemaking is discontinued. If the rulemaking process resumes, those RGs would be withdrawn. The staff expects a decision on the future of this rulemaking in fiscal year 2017.

CONTACT: Wesley Held, NSIR/DSP  
301-287-3591

Enclosures:  
As stated

**DISTRIBUTION:**

**Tom Boyce, RES/DE/RGGIB      MOrr      MBayysie**

**ADAMS Accession No.: ML16272A044**

OFFICE	NSIR/DSP/SPSB	BC: NSIR/DSP/SPSB	DD: NSIR/DSP
NAME	Wesley Held	TMossman <i>/DWhite for/</i>	MGalloway <i>/RFelts for/</i>
DATE	9/28/16	10/13/16	10/21/16

**OFFICIAL RECORD COPY**