

Regulatory Guide Periodic Review

Regulatory Guide Number: **5.59**
Revision Number: **1**

Title: **Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance**

Office: **NSIR/DPCP/MSB**

Technical Lead: **Tim Harris**

Recommended Staff Action: **Reviewed with issues identified for future consideration**

1. What are the known technical or regulatory issues with the current version of the Regulatory Guide (RG)?

This 1983 document is dated in numerous technical and regulatory areas. Transportation reporting and record keeping requirements discussed in NRC Regulatory Issue Summary 2005-22 are not addressed in RG 5.59. NRC has also provided additional physical protection technical guidance that is not referenced in RG 5.59. NRC has also issued several safeguards information orders to increase the physical protection at these facilities which are not addressed in this guidance because the guidance document is publicly available.

2. What is the impact on internal and external stakeholders of not updating the RG for the known issues, in terms of anticipated numbers of licensing and inspection activities over the next several years?

Current licensees may continue to use RG 5.59. The staff does not anticipate any impact on not updating the RG at this point. RIS 2005-22 provides information to licensees regarding the reporting and recordkeeping requirements that are not addressed in RG 5.59. Although new physical protection technologies are currently available, the technical guidance provided in RG 5.59 is still considered to be acceptable. Other physical protection technical guidance relative to current technologies is available for applicants and licensees to use in developing their physical protection system.

3. What is an estimate of the level of effort needed to address identified issues in terms of full-time equivalent (FTE) and contractor resources?

Approximately 0.2 full-time equivalency (FTE) will be required to complete a revision.

4. Based on the answers to the questions above, what is the staff action for this guide (Reviewed with no issues identified, Reviewed with issues identified for future consideration, Revise, or Withdraw)?

Reviewed with issues identified for future consideration. The staff does not consider

the technical and regulatory issues identified significant enough to warrant revision of this RG at this time. The regulatory framework has remained stable for many years. If new issues are identified in the future, this RG could be considered for revision.

5. Provide a conceptual plan and timeframe to address the issues identified during the review.

The issues identified will be considered as part of the next periodic review.

Note: This review was conducted in August 2020 and reflects the staff's plans as of that date. These plans are tentative and subject to change