

Regulatory Guide Periodic Review

Regulatory Guide Number: 1.128, Revision 2

Title: Installation Design and Installation of Vented Lead Acid Storage Batteries for Nuclear Power Plants

Office/Division/Branch: RES/DE/ICEEB
Technical Lead: Lily Ramadan

Staff Action Decision: Reviewed with no issues identified

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

There are no technical or regulatory issues with Regulatory Guide (RG) 1.128. The current version of RG 1.128 endorses the most current IEEE standard 484-2002, "IEEE Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications." There are no future proposals within the Standards Working group committee to update the IEEE standard. Lastly, based on initial results of a RES/BNL research project on charging current and battery life, the NRC's Office of Nuclear Reactor Regulation confirms there is no need to update RG 1.128.

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?

None because the current process is an acceptable one.

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?

None.

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 no issues identified.

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

None.

NOTE: This review was conducted in May 2013 and reflects the staff's plans as of that date. These plans are tentative and are subject to change.