

Regulatory Guide Periodic Review

Regulatory Guide Number: **1.31**

Title: **Control of Ferrite Content in Stainless Steel Weld Metal**

Office/division/branch: **NRO/DEIA/MCB**

Technical Lead: **John Honcharik and Eric Reichelt**

Recommended Staff Action: **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 known technical or regulatory issues with the current version of RG 1.31, "Control of Ferrite Content in Stainless Steel Weld Metal." This RG was revised in October 2013 and was reviewed concurrently with RGs 1.34, "Control of Electroslag Weld Properties," 1.43, "Control of Stainless Steel Weld Cladding of Low-Alloy Steel Components," 1.44, "Control of the Processing and Use of Stainless Steel," and 1.50, "Control of Preheat Temperature for Welding of Low-Alloy Steel," since they were all related to welding. The current version of RG 1.31 still references the applicable Codes and Standards and describes the current industry practices used to determine and control ferrite content in stainless steel weld metal.

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

Since there are no specific issues identified with RG 1.31, there is no impact on internal or external stakeholders for not updating the RG.

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?

Not applicable because there are no issues identified above.

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.

Not applicable.

NOTE: This review was conducted in April 2016, and reflects the staff's plans as of that date. These plans are tentative and subject to change.