



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 17, 2015

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

FROM: David L. Rudland, Branch Chief */RA/*
Component Integrity Branch
Division of Engineering
Office of Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDE
(RG) 1.65

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.65, "Materials and Inspections for Reactor Vessel Closure Studs." This RG, which was last revised in April 2010, provides guidance for use in selecting reactor vessel closure stud bolting materials and conducting pre-service/in-service inspections. As discussed in Management Directive 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 RG 1.65 Revision 1 are warranted at this time. The staff did not identify any technical or regulatory issues in the review.

Enclosure:
As stated

CONTACT: Bruce Lin, RES/DE/CIB
301-415-2446

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DISTRIBUTION:

S. Burton, RES/DE/RGGIB

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OFFICE	RES/DE/CIB	RES/DE/CIB	SUNSI Review	RES/DE/RGGIB
NAME	B. Lin	D. Rudland	B. Lin	T. Boyce
DATE	07/10/15	07/17/15	07/10/15	07/17/15

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Regulatory Guide Periodic Review

Regulatory Guide Number: **RG 1.65, Revision 1**

Title: **Materials and Inspections for Reactor Vessel Closure Studs**

Office/division/branch: **RES/DE/CIB**
Technical Lead: **B. Lin**

Staff Action Decided: **Reviewed with no issues identified**

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

Regulatory Guide 1.65, Revision 1 "Materials and Inspections for Reactor Vessel Closure Studs." issued in April 2010, provides guidance for use in selecting bolting materials and conducting pre-service/in-service inspections for reactor vessel closure studs.

The NRC staff did not identify any technical or regulatory issues with the current version. The staff has reviewed the guide and has not identified any safety concerns or a need to revise it at this time.

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?

As no technical or regulatory issues were identified, there is no impact to internal or external stakeholders resulting from these activities.

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?

As no technical or regulatory issues were identified, no resources are required.

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.

No technical or regulatory issues were identified during the review. The staff currently is not planning to take any action on this guide.

NOTE: This review was conducted in June 2015 and reflects the staff's plans as of that date. These plans are tentative and are subject to change.