



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

April 20, 2015

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

FROM: Thomas H. Boyce, Chief **/RA/**
Regulatory Guidance and Generic Issues Branch
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDES
(RG) 5.26

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 5.26, "Selection of Material Balance Areas and Item Control Areas." RG 5.26 describes measures that the NRC staff considers acceptable to establish Material Balance Areas (MBAs) or Item Control Areas (ICAs) for certain licensees that are authorized to possess more than one effective kilogram of special nuclear material. 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 a revision to RG 5.26 will be issued as part the 10 CFR Part 74 rulemaking.

Enclosure:

1. Periodic Review of Regulatory Guide 5.26

CONTACT: Mekonen Bayssie, RES/DE/RGGIB
301-251-7489

April 20, 2015

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

FROM: Thomas H. Boyce, Chief **/RA/**
Regulatory Guidance and Generic Issues Branch
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDES
(RG) 5.26

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 5.26, "Selection of Material Balance Areas and Item Control Areas." RG 5.26 describes measures that the NRC staff considers acceptable to establish Material Balance Areas (MBAs) or Item Control Areas (ICAs) for certain licensees that are authorized to possess more than one effective kilogram of special nuclear material. 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 a revision to RG 5.26 will be issued as part the 10 CFR Part 74 rulemaking..

Enclosure:

1. Periodic Review of Regulatory Guide 5.26

DE r/f

ADAMS Accession Pkg No: ML15110A068

OFFICE	RES/DE/RGGIB	NMSS/FSCE/MC&AB	RES/DE/RGGIB	SUNSI Review	RES/DE/RGGIB
NAME	J. Parks	P. Habighorst	M. Bayssie	M. Bayssie	T. Boyce
DATE	04/20/15	04/20/15	04/20/15	04/20/15	04/20/15

OFFICIAL RECORD COPY