



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

January 6, 2016

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

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

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDES
(RG) 1.47 AND RG 1.62

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.47, "Bypassed and Inoperable Status Indication for Nuclear Power Plant Safety Systems," and RG 1.62, "Manual Initiation of Protective Actions." 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.

Regulatory guide 1.47 endorses Institute of Electrical and Electronics Engineers (IEEE) Std. 603-1991 "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations," as part of a method for complying with the NRC regulations for bypassed and inoperable status indications. This is the same IEEE Std. incorporated by reference in title 10 of the *Code of Federal Regulations* (10 CFR) Part 50.55a(h), "Protection and Safety Systems." Based on the results of the attached periodic review, the staff concludes that no change to RG 1.47 are warranted at this time. The staff did not identify any technical or regulatory issues in the review.

Regulatory guide 1.62 endorses IEEE Std. 603-1991 "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations," as part of a method for complying with the NRC regulations for manual initiation of protective actions to complete all credited protective actions for the safety system. This is the same IEEE Std. incorporated by reference in 10 CFR 50.55a(h), "Protection and Safety Systems." Based on the results of the attached periodic review, the staff concludes that RG 1.62 should be revised within 1 year.

Enclosure:
As stated

CONTACT: Erick Martinez Rodriguez, RES/DE/ICCEB
301-415-0840

January 6, 2016

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

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

SUBJECT: RESULTS OF PERIODIC REVIEW OF REGULATORY GUIDES
(RG) 1.47 AND RG 1.62

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of regulatory guide (RG) 1.47, "Bypassed and Inoperable Status Indication for Nuclear Power Plant Safety Systems" and RG 1.62, "Manual Initiation of Protective Actions." 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.

Regulatory guide 1.47 endorses Institute of Electrical and Electronics Engineers (IEEE) Std. 603-1991 "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations," as part of a method for complying with the NRC regulations for bypassed and inoperable status indications. This is the same IEEE Std. incorporated by reference in title 10 of the *Code of Federal Regulations* (10 CFR) Part 50.55a(h), "Protection and Safety Systems." Based on the results of the attached periodic review, the staff concludes that no change to RG 1.47 are warranted at this time. The staff did not identify any technical or regulatory issues in the review.

Regulatory guide 1.62 endorses IEEE Std. 603-1991 "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations," as part of a method for complying with the NRC regulations for manual initiation of protective actions to complete all credited protective actions for the safety system. This is the same IEEE Std. incorporated by reference in 10 CFR 50.55a(h), "Protection and Safety Systems." Based on the results of the attached periodic review, the staff concludes that RG 1.62 should be revised within 1 year.

Enclosure:
As stated

CONTACT: Erick Martinez Rodriguez, RES/DE/ICCEB
301-415-0840

DISTRIBUTION:

Tom Boyce, RES M. Orr, RES E. Martinez, RES P. Rebstock, RES

ADAMS Accession No: ML16006A031

OFFICE	RES/DE/RGGIB	RES/DE/ICEEB	RES/DE/ICEEB	RES/DE/RGGIB	RES/DE/RGGIB
NAME	J. Parks	E. Rodriguez	P. Rebstock	M. Orr	T. Boyce (E. O'Donnell for)
DATE	1/06/16	12/ 21 /15	12/ 21 /15	1/05/16	1/ 06 /16

OFFICIAL RECORD COPY