



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, DC 20555 - 0001**

March 11, 2010

MEMORANDUM TO: R. W. Borchardt  
Executive Director for Operations

FROM: Edwin M. Hackett, Executive Director */RA/*  
Advisory Committee on Reactor Safeguards

SUBJECT: PROPOSED REVISIONS TO REGULATORY GUIDES 1.152, 2.6, 4.20,  
8.10, 8.19, 8.4, AND DG-1216

During the 570<sup>th</sup> meeting of the Advisory Committee on Reactor Safeguards, March 4-6, 2010, the Committee considered the proposed revisions to the following Regulatory Guides, and a proposed new Draft Regulatory Guide. The Committee decided that it has no objection to the staff's proposal to issue these Guides for public comment. The Committee would like to have an opportunity to review the draft final version of these Guides after reconciliation of public comments. No response to this memorandum is required.

- Proposed Revision 3 to Regulatory Guide 1.152 (DG-1249), "Criteria for Use of Computers in Safety Systems of Nuclear Power Plants"
- Proposed Revision 1 to Regulatory Guide 2.6 (DG-2004), "Emergency Planning for Research and Test Reactors"
- Proposed Revision 1 to Regulatory Guide 4.20 (DG-4018), "Personnel Constraint on Releases of Airborne Radioactive Materials to the Environment for Licensees Other than Power Reactors"
- Proposed Revision 2 to Regulatory Guide 8.10 (DG-8033), "Philosophy for Maintaining Occupational Radiation Exposures As Low As Is Reasonably Achievable"
- Proposed Revision 2 to Regulatory Guide 8.19 (DG-8034), "Occupational Radiation Dose Assessment in Light-Water Reactor Power Plants Design Stage Person-Sievert (Man-Rem) Estimates"

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- Proposed Revision 1 to Regulatory Guide 8.4 (DG-8036), “Personnel Monitoring Device - Direct-Reading Pocket Dosimeters”
- Proposed New Draft Regulatory Guide-(DG-1216), “Plant-Specific Applicability of Transition Break Size Specified in 10 CFR 50.46a”

References

- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 1249, “Criteria for Use of Computers in Safety Systems of Nuclear Power Plants” 2/16/2010 (ML100470356)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 2004, “Emergency Planning for Research and Test Reactors” 12/23/2009 (ML100130538)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 4018 “Constraint on Releases of Airborne Radioactive Materials to the Environment for Licensees Other than Power Reactors” 1/20/2010 (ML100191543)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 8033, “Philosophy for Maintaining Occupational Radiation Exposures As Low As Is Reasonably Achievable” 11/30/2009 (ML093280880)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 8034, “Occupational Radiation Dose Assessment in Light-Water Reactor Power Plants Design Stage Person-Sievert (Man-Rem) Estimates” 1/26/2010 (ML100260008)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 8036, “Personnel Monitoring Device – Direct-Reading Pocket Dosimeters” 1/5/2010 (ML100050047)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guides 1216 and 1242 2/19/2010 (ML100480625)

cc: A. Vietti-Cook, SECY                      J. Ridgely, RES  
N. Mamish, OEDO                              J. Mitchell, RES  
A. Frazier, OEDO                                B. Rini, RES  
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- Proposed Revision 1 to Regulatory Guide 8.4 (DG-8036), "Personnel Monitoring Device - Direct-Reading Pocket Dosimeters"
- Proposed DG-1216 (new Regulatory Guide), "Plant-Specific Applicability of Transition Break Size Specified in 10 CFR 50.46a"

References

- Memorandum to Edwin M. Hackett, Draft Regulatory Guide 1249, "Criteria for Use of Computers in Safety Systems of Nuclear Power Plants" 2/16/2010 (ML100470356)
- Memorandum to Edwin M. Hackett, Draft Regulatory Guide DG-2004, "Emergency Planning for Research and Test Reactors" 12/23/2009 (ML100130538)
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