

July 21, 2017

Dr. Dennis C. Bley, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: PROPOSED REVISION TO NUREG-1530, "REASSESSMENT OF NRC'S  
DOLLAR PER PERSON-REM CONVERSION FACTOR POLICY"

Dear Dr. Bley:

This letter provides the U.S. Nuclear Regulatory Commission (NRC) staff's response to your letter dated June 21, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17171A105), in which the Advisory Committee on Reactor Safeguards (ACRS or the Committee) responded to the staff's letter dated May 1, 2017 (ADAMS Accession No. ML17103A462). These letters address ACRS recommendations related to the proposed revision to NUREG-1530, "Reassessment of NRC's Dollar per Person-Rem Conversion Factor Policy." This proposed revision is currently under Commission consideration as SECY-17-0017, "Proposed Revision to NUREG-1530, 'Reassessment of NRC's Dollar per Person-Rem Conversion Factor Policy,'" dated January 30, 2017 (ADAMS Accession No. ML16147A293). The Commission will have the benefit of the ACRS position in directing the staff on the proposed revision to NUREG-1530.

In your response, you noted that the ACRS did not find convincing the staff's rationale for not characterizing and quantifying the uncertainty in the dollar per person-rem value. You also note in your letter that the ACRS would appreciate an opportunity to work with the staff to develop a methodology and rational basis for quantification of the uncertainties in these assessments. The staff appreciates this offer and will continue to engage the ACRS on this subject. The staff will periodically review the efforts by other Federal agencies regarding the quantification and characterization of uncertainty in the value of statistical life values and consider revising NUREG-1530 based on any new information. In future revisions to NUREG-1530, the staff will reconsider the treatment of uncertainty in light of the ACRS's recommendation, will brief the ACRS on any proposed changes to the treatment of uncertainty, and will work with the ACRS to revise its methodology and quantification of the uncertainties in the conversion factor.

D. Bley

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The staff appreciates the ACRS's involvement in this important topic.

Sincerely,

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Victor M. McCree  
Executive Director  
for Operations

cc: Chairman Svinicki  
Commissioner Baran  
Commissioner Burns  
SECY

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JULY 21, 2017

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**ADAMS Accession Nos.:** Package: ML17178A253; Response: ML17191A434;  
Incoming: ML17171A105

\*concurrence via e-mail

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