



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

November 17, 2015

MEMORANDUM TO: Philip O. Alderson, M.D., Chairman
Advisory Committee on the Medical Uses of Isotopes

FROM: Josephine M. Piccone, Director /RA/
Division of Material Safety, State, Tribal
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION ACTION IN
RESPONSE TO THE OCTOBER 28, 2015, TELECONFERENCE
MEETING OF THE ADVISORY COMMITTEE ON THE MEDICAL
USES OF ISOTOPES

Below is the recommendation from the October 28, 2015, teleconference meeting of the Advisory Committee on the Medical Uses of Isotopes (ACMUI). Following the recommendation is the U.S. Nuclear Regulatory Commission (NRC) staff response and/or position.

ITEM (1): The Committee endorsed the Hormesis/Linear No-Threshold Petitions Subcommittee Report. This included a recommendation that the NRC should continue to base the formulation of radiation protection standards in title 10 of the *Code of Federal Regulations* (10 CFR) Part 20 on the Linear No-Threshold model until additional scientific evidence becomes available.

The recommendation passed unanimously with 10 favorable votes. The NRC staff will submit the ACMUI's report as part of the docket on the three petitions for rulemaking (PRM) 20-28, 20-29, and 20-30. Staff will consider all of the comments, including the ACMUI's comments, submitted in response to the solicitation for comments on PRM-20-28, 20-29, and 20-30, in its review of the petitions and recommendation for petition resolution.

CONTACT: Sophie J. Holiday, MSTR/MSEB
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