

August 29, 2011

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Office of the Advisory Committee
on Reactor Safeguards

FROM: Larry W. Camper, Director **/RA/**
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: ADVISORY COMMITTEE ON REACTOR SAFEGUARDS REVIEW OF
THE BRANCH TECHNICAL POSITION ON CONCENTRATION
AVERAGING AND ENCAPSULATION

The Division of Waste Management and Environmental Management (DWMEP) staff has completed the revision of the Branch Technical Position on Concentration Averaging and Encapsulation (CA BTP). In SECY-10-0043, the staff provided the Commission with an analysis of issues related to low-level radioactive waste (LLRW) blending. In the Staff Requirements Memorandum (SRM) for SECY-10-0043, the Commission directed the staff to revise the blending position in the CA BTP to be risk-informed and performance-based. With this decision, the staff began to update the entire CA BTP, not only addressing blending, but also the remainder of the CA BTP topics that address mathematical averaging of radioactivity concentrations. Revising the CA BTP aligns with the U.S. Nuclear Regulatory Commission's (NRC) policy of moving towards a more risk-informed performance-based regulatory approach.

The staff is requesting that the Advisory Committee on Reactor Safeguards (ACRS) review the attached CA BTP, as directed by the Commission in the above SRM. The CA BTP is currently scheduled for review by the Full Committee in December 2011.

If you have any questions regarding this matter, please contact the CA BTP Project Manager, Mr. Maurice Heath, at 301-415-3137, or by e-mail at Maurice.Heath@nrc.gov.

Enclosure: As stated

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301-415-3137

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