

October 2, 2006

MEMORANDUM TO: John T. Larkins, Executive Director
Advisory Committee on Reactor Safeguards
Advisory Committee on Nuclear Waste

FROM: Thomas O. Martin, Director /RA/ JWermiel for
Division of Safety Systems
Office of Nuclear Reactor Regulation

SUBJECT: TRANSMITTAL OF PROPOSED REVISION TO STANDARD REVIEW
PLAN NUREG-0800 SECTION 6.2.5, "COMBUSTIBLE GAS CONTROL
IN CONTAINMENT"

The purpose of this memorandum is to transmit the proposed revision to NUREG-0800, *Standard Review Plan (SRP)*, Section 6.2.5, Rev. 3, "Combustible Gas Control in Containment," to the ACRS for their consideration with Regulatory Guide 1.7, "Control of Combustible Gas Concentrations in Containment."

In accordance with the staff requirements memorandum dated May 10, 2005, on the April 6, 2005, Commission meeting the Office of Nuclear Reactor Regulation (NRR) has revised SRP Section 6.2.5 (Enclosure). The revised technical portions of the SRP Section have been redlined to aid in identifying the areas which have been revised.

The present revision updates Revision 2 dated July 1981. Revision 3 to this SRP section is based on Secy-03-0127, "Final Rulemaking—Risk-Informed 10 CFR 50.44, "Combustible Gas Control in Containment," Attachment 6, "Standard Review Plan - NUREG-0800 in Conjunction with Risk-Informed Revision to 50.44, Section 6.2.5, Combustible Gas Control in Containment," and Attachment 5, "Regulatory Guide 1.7, "Control of Combustible Gas Concentrations in Containment," See ML031670912. The Commission approved the revision to 10 CFR 50.44, in Staff Requirements Memorandum dated August 28, 2003.

In addition, this revision has been administratively updated in accordance with NRR Office Instruction, LIC-200, Standard Review Plan Process. The administrative update is comprised of assigning the review responsibilities by function, with the responsible organizations maintained separately from the SRP itself to minimize impacts of office reorganizations, and editorial and formatting changes. The revision also adds standard paragraphs to extend application of the updated SRP section to prospective submittals by applicants pursuant to 10 CFR Part 52.

This revision is being provided to you for consideration with the proposed revision to Regulatory Guide 1.7, "Control of Combustible Gas Concentrations in Containment." Also, since the SRP revision was included within the 10 CFR 50.44 Final Rulemaking package and does not introduce any new staff positions, we will not be requesting a review by the Committee to Review Generic Requirements.

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Note that most of the SRP sections will be issued as final versions without publishing them as draft and requesting comment. The staff is revising the SRP in this manner to provide a more up-to-date SRP in light of the requirement in 10 CFR 50.34(h) for an applicant to evaluate its facility against the SRP revision in effect six months before the docket date of the application. In addition, this memo and its enclosure will be made publicly available as a preliminary SRP section revision. It will be formally published following reconciliation against the ongoing Part 52 rulemaking and regulatory guide updates including DG-1145, "Combined License Applications for Nuclear Power Plants (LWR Edition)." After formal issuance, the SRP will be available for public comment. Comment resolution will be addressed in subsequent SRP revisions. Prior to revision to individual sections, comment resolution may establish a basis for how alternatives to the NUREG-0800 acceptance criteria provide an acceptable method of complying with the NRC's regulations.

For questions concerning this document, please contact James Pulsipher of my staff at 301 415-2811.

Enclosure(s):
As stated