

January 10, 2017

To: A. S. Chambers, Manager, US DOE Nuclear Criticality Safety Program (NCSP)

From: David Erickson, Chair, US DOE NCSP Criticality Safety Support Group (CSSG)



Subject: CSSG Tasking 2015-02 Response

In Tasking 2015-02 the CSSG was directed to develop a revision to DOE-STD-3007-2007 for input into the DOE Standards Review System (RevCom).

Per the Task Statement, the revised standard should include the criteria from DOE-STD-3009-2014 for elevation of criticality controls to the Documented Safety Analyses. The revision should also be consistent with the CSSG approved content of the NCSP hands on criticality safety classes, consider best practices guidance from CSSG white papers (e.g. seismic and validation), and provide guidance for implementation of the latest ANSI/ANS-8 series requirements for criticality safety evaluations.

The CSSG Subgroup Review Team assigned to the Tasking were:

- Jerry Hicks (CSSG)
- Kevin Kimball (CSSG)
- Jerry McKamy (CDNS/NA-511)
- Tom Nirider (CSCT)
- Garret Smith (DOE-AU)
- Bob Wilson (CSSG)

The attached revision has been reviewed by the EFCOG-Criticality Safety Task Group, CSCT, DNFSB and CSSG. Relevant comments were addressed and incorporated into the final revision. It should now be ready for entry into RevCom.

cc: CSSG Members
M. E. Dunn

Attachment (as a separate file): DOE-STD-3007-201X draft-20161221-clean.docx