

## **CSSG TASKING 2015-02 Rev. 1**

Date Issued: August 16, 2016

### **Task Title:**

Revision of DOE-STD-3007-2007, *Guidelines for Preparing Criticality Safety Evaluations at Department Of Energy Nonreactor Nuclear Facilities*

### **Task Statement:**

The CSSG, with assistance from the Criticality Safety Coordinating Team (CSCT) and DOE-AU, is directed to develop a revision of DOE-STD-3007-2007, *Guidelines for Preparing Criticality Safety Evaluations at Department Of Energy Nonreactor Nuclear Facilities* for input into the DOE Standards Review System (RevCom). 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 working group will consist of 3 CSSG members, 1 CSCT member, 1 Member from AU, and one member from NNSA/CDNS. The draft standard produced by the working group will be submitted to the entire CSSG for review and concurrence prior to submission to the DOE RevCom system.

### **Resources:**

CSSG Task 2015-02 Team Members:

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

### **Task Deliverables:**

1. Working group to hold task 'kickoff' telecom by November 25, 2015
2. Working group to provide draft standard to EFCOG representatives and Criticality Safety Coordinating Team (CSCT), for review and preliminary comment: August 11, 2016
3. Working group to incorporate EFCOG and CSCT comments into working draft of standard and provide revised draft to CSSG and DNFSB for review and comment: September 16, 2016
4. CSSG/DNFSB to provide any initial comments to team lead: September 30, 2016
5. Working group to incorporate CSSG/DNFSB Comments and provide final draft standard to CSSG for approval to send to Revcom: October 14, 2016
6. CSSG to provide any final comments to team lead: October 21, 2016

7. Team lead to address final CSSG Comments: November 4, 2016
8. Working group to meet with DNFSB staff to discuss revision (if needed before Revcom):  
TBD
9. Final Standard to NCSP Manager for Submittal to RevCom: November 18, 2016
10. A new task to support resolution of RevCom Comments will be written if necessary.

**Task Completion Date:** November 30, 2016

Signed: *JN McKamy* 8/23/2016  
**Jerry N. McKamy, Manager US DOE NCSP**  
**Office of the Chief of Defense Nuclear Safety, NA-511**