

May 17, 2017

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

From: D. G. Erickson, Chair, US DOE NCSP Criticality Safety Support Group (CSSG)

Subject: CSSG Tasking 2016-05 Response

In tasking 2016-05 a subgroup of the Criticality Safety Support Group (CSSG) was requested to evaluate the impediments to effective, cost efficient, criticality safety implementation based on the current regulatory environment. The evaluation is to provide a cogent picture of regulatory impediments and interpretations that impact the implementation of criticality safety from the perspective of implementing the ANSI/ANS-8 Standards in a cost effective manner. The expectation is that this tasking will result in a report that provides the CSSG's expert judgement of the current state of regulatory impediments to effective operational nuclear criticality safety and will:

- Cite specific examples
- Describe potential impacts, and
- Propose potential path(s) for resolution

The CSSG subgroup was comprised of the following members:

- Fitz Trumble (Team Leader)
- Kevin Kimball
- Jerry Hicks
- Michaele (Mikey) Brady-Raap

The attached CSSG response was reviewed by the entire CSSG. Comments were incorporated into the final version of the response that is attached to this memo.

Cc: CSSG Members
D. G. Bowen
L. Scott
J. Sweers

Attachment: Response to CSSG Tasking 2016-05