

CSSG TASKING 2009-02
Date Issued: January 5, 2009

Task Title:

CSSG Development and Recommendation of a Uniform Criticality Incident
Categorization Scheme

Task Statement:

The CSSG is directed to review existing criticality incident categorization schemes used at DOE sites (and possibly NRC or foreign categorization systems) and develop a recommended scheme that can be used on a complex-wide basis. At a minimum, the categorization scheme should take into consideration:

- the use of a graded approach depending on
 - the nature of materials and operations and
 - the quantity of materials at a given facility;
- differences between loss of control and unexpected changes in reactivity;
- reduction in the margin of subcriticality vs. exceeding mass limits;
- incident reporting requirements imposed by DOE orders or rules.

Period of Performance:

The position paper will be developed within sixty days of the date the tasking is issued to the CSSG.

Resources:

The CSSG Deputy Chair will form a review/writing team composed of CSSG members. Contractor CSSG members of the writing team will use their FY09 NCSP CSSG support funding; DOE CSSG members of the team will provide funding from their site offices. CSSG emeritus members may be included in the team on a voluntary basis.

Task Deliverables:

Within forty-five days of the date the tasking is issued to the CSSG the writing team will forward a draft categorization scheme to the entire CSSG for comments.

Within fifteen days of the date the draft position paper is distributed to the CSSG the writing team will address all comments from the CSSG and incorporate any comments that are accepted. The writing team lead will submit the categorization scheme report to the CSSG Chair for transmittal to the NCSP Manager.

Task Due Date: March 6, 2009