

CSSG TASKING 2013-02

Date Issued: March 7, 2013

Task Title: *CSSG Assessment of Scope of Operations and Criticality Safety Staff Capacity and Review of LANL CAP and Metrics for Nuclear Criticality Safety Program*

Task Statement:

The CSSG is directed to assess the scope of current operations and criticality safety needs and contrast that with the capabilities and capacity of the criticality safety staff. The purpose is to assess the capacity of the current criticality safety cadre to support nuclear operations at LANL. The CSSG is also directed to review the LANL *Corrective Action Plan Response to Assessment From DOE Criticality Safety Support Group on the Los Alamos Nuclear Criticality Safety Program*; SBCS-CAP-12-265, Revision 1, and the associated *1Q FY13 Assessment of the Nuclear Criticality Safety Program Metrics* relative to their efficacy in addressing the known deficiencies and ensuring continued safe operations going forward. The CSSG should craft observations and recommendations with a view towards the lessons learned documented in the Handbook from the 1999 DOE Nuclear Criticality Safety Self Improvement Workshop.

Specific Expectations:

- The CSSG shall recommend what criticality safety work scope and resource commitment is required to support full nuclear operations identified by operation, area, or facility. The criticality safety resource should be identified by the experience and qualification needed to perform the task.
- The CSSG shall assess whether the existing LANL criticality safety cadre can support the full scope of nuclear operations identified above and, if not, recommend what level and types of work can be supported by the existing staff.
- The CSSG shall provide specific recommendations, as applicable, that NA-00-LA can send to LANS as directed modifications to the CAP and associated metrics, as well as recommendations for consideration by NA-00 (Note: NA-00 includes both the Field Office and Headquarters Elements).
- The CSSG should include recommendations for how NA-00 could assess acceptability of an increase in work scope from LANS as additional criticality safety staff achieves appropriate qualifications.
- The CSSG should provide recommendations on how NA-00 can conduct effective oversight on the program in the interim (i.e., NNSA approvals, reviews, etc.).

Period of Performance:

The on-site assessment and review is scheduled for the week of March 11, 2013. The team will perform reviews as available prior to the onsite portion of the assessment and report writing after. The CSSG Team shall deliver an exit briefing with draft results to NA-00 and LANS management as requested prior to site departure (March 14th).

Resources:

Contractor CSSG members of the team will use their FY13 NCSP CSSG support funding as appropriate; DOE CSSG members of the team will utilize support from their site offices.

CSSG Tasking 2013-02 Subgroup Review Team Members: Kevin Kimball (Y-12, Team Lead), Dr. Bob Wilson (EM), Mr. Calvin Hopper (ORNL)

The assessment team will visit Los Alamos and conduct interviews as necessary to understand the scope of current operations and support needs from the criticality safety staff as well as the capability and capacity of the criticality safety staff to support operations. When a draft is ready for review, the entire CSSG will be provided an opportunity to review the draft and provide comments to the CSSG Subgroup Team Lead, who will address/resolve the comments and forward the resulting response to CSSG Chair for transmittal to the NCSP Manager.

Task Deliverables:

1. CSSG Subgroup on-site March 12 – 14, 2013
2. CSSG Subgroup exit briefing to NA-00/LANS Sr. Management March 14, 2013
3. CSSG subgroup draft Executive Summary and Key Recommendations, and provide to full CSSG for comments by March 22, 2013. At a minimum, the Executive Summary and Key Recommendations shall be provided to NCSP Manager and other designated recipients (NA-00-LA/LANS) for a factual accuracy review.
4. CSSG subgroup draft full report and provide to CSSG for comments by March 29, 2013.
5. CSSG to provide comments on the draft response to the CSSG Subgroup Team Lead by April 5, 2013
6. CSSG Subgroup Team Lead to consolidate comments and provide revised draft to the CSSG for concurrence, and NA-00-LA/LANS for factual accuracy review, by April 9, 2013
7. NA-00-LA/LANS provide factual accuracy comments by April 15, 2013
8. CSSG provides concurrence by April 16, 2013
9. CSSG Chair transmits the CSSG response to NCSP Manager by April 18, 2013.

Task Due Date: April 18, 2013

Signed: 

**Dr. Jerry N. McKamy, Director
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DOE Criticality Safety Program Manager**