

**CSSG TASKING 2017-05**  
Date Issued: December 05, 2017

**Task Title:** *CSSG Assessment of SRNS NCS Program*

**Task Statement:**

The CSSG is tasked to conduct an independent assessment of the SRNS Nuclear Criticality Safety Program as outlined in Consent Order NCO-2016-01.

The Consent Order states:

*SRNS shall conduct an independent (outside of SRNS and its associated parent companies) assessment of its Nuclear Criticality Safety Program, including H-Area and the F/H analytical laboratories. The assessment will be performed by an independent group of assessors that is mutually agreeable to the Parties. The assessment will include, at a minimum: a review of*

- i) common mode failure analyses as they relate to Nuclear Criticality Safety Evaluations,*
- ii) organizational and facility interfaces as they relate to NCS program implementation,*
- iii) NCS control selection and implementation,*
- iv) the laboratory analysis process as it relates to NCS controls,*
- v) the NCS assessment process,*
- vi) NCS training and qualification, and*
- vii) NCS staffing.*

*Assessment areas v, vi, and vii may be reviewed through the use of any previously conducted evaluations, if the independent group determines that those evaluations effectively reviewed these areas.*

The CSSG shall provide assessment results/findings/recommendations for use by SRNS to ensure the contractor NCS program has effectively addressed weaknesses identified in the causal analysis and as stated in the consent order.

Lines of inquiry and specific review topics shall be developed by the CSSG. The DOE NCSP Manager and SRNS shall review and concur with the Review Plan.

**Period of Performance:**

The on-site assessment and review is scheduled for two weeks, January 8-18, 2018. The team will perform reviews as available prior to the onsite portion of the assessment and report writing after. An outbrief with draft results will be provided to SRNS management prior to site departure (January 18, 2018).

**Resources:**

Contractor CSSG members of the team will use their FY18 NCSP CSSG support funding as appropriate; DOE CSSG members of the team will utilize support from their site offices.

**CSSG Tasking 2017-05 Review Team Members:**

- David Hayes (LANL, CSSG Team Lead)
- Jerry Hicks
- Thomas McLaughlin
- Fitz Trumble
- Robert Wilson

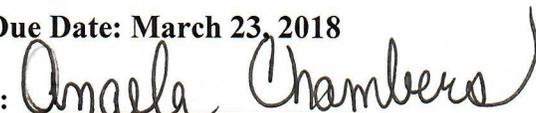
The assessment team will visit the SRNS site and conduct reviews, interviews and walkdowns as necessary to understand the state of the contractor NCS program and effectiveness of their assessment and evaluation implementation programs. When a draft report is ready for review, the entire CSSG will be provided an opportunity to review the draft and provide comments to the CSSG 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 to receive all necessary documentation prior to: December 15, 2017.
2. CSSG Subgroup to draft Review Plan for NCSP Manager and SRNS review: December 18, 2017.
3. NCSP Manager and SRNS review/concur with Review Plan: January 4, 2018.
4. CSSG Subgroup on-site: January 8-18, 2018.
5. CSSG Subgroup to provide draft document to full CSSG for review: February 2, 2018.
6. Full CSSG to provide review comments to Task Team Leader: February 16, 2018.
7. CSSG Subgroup to address comments and provide document to SRNS for factual accuracy review: February 23, 2018.
8. SRNS provide comments by: March 2, 2018.
9. CSSG Subgroup address comments, issue final report to NCSP Manager: March 16, 2018.
10. The NCSP Manager transmits the approved CSSG report to SRNS by March 23, 2018.

**Task Due Date: March 23, 2018**

Signed:



Angela Chambers, Manager US DOE NCSP