

August 5, 2019

To: Angela 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 2019-01 Response**

In Tasking 2019-01 the CSSG was directed to provide a review of all 2020 NCSP Proposals. All proposals, including all current and future projects, were included in the review scope. The entire CSSG participated in the review. The primary effort occurred during the CSSG meeting held in conjunction with the annual Technical Program Review in March.

A copy of the CSSG revised spreadsheet is included as an attachment. The FY2020 New Proposals tab contains all of proposal entries with an additional column where the H-M-L or numbering scheme was converted to a score.

The scoring matrix:

Rank	Score
H	3
M	2
L	1

- If the rank was between H-M-L, the score was the average of the Rank (e.g., HM=2.5).
- The average of all scores was rolled into the CSSG Ranking.
- The CSSG Rollup tab simplifies the data presented and sorts the proposals into a rank/score from high to low.
- Column M is a rolling sum of the FY20 costs for the proposals.
- Green highlights those proposals that fall within the 3M\$ cutoff.
- Yellow highlights those proposals slightly above the 3M\$, and red highlights those clearly above the 3M\$ threshold.
- Column N Projects the Total cost for funding the proposals to completion (i.e., If the green highlighted proposals are funded in FY20 (2.87M\$) it will cost 9.01M\$ to complete them as currently projected.).

The attached spreadsheet was reviewed by the entire CSSG and all relevant comments to the CSSG observations were addressed and incorporated into the final report.

The CSSG is available to answer any questions that may arise in working with the provided results.

cc: CSSG Members  
D. G. Bowen  
L. Scott

Attachment (as a separate file): Spreadsheet with CSSG results: FY2020 PROPOSAL TASK LIST-CSSG Rollup 12APR19.xlsx