The DOE CSSG
2018 the Year in Review

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NCSP Technical Program Review
Pantex
OUTLINE

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Mission

• The primary function of the CSSG is to provide operational and technical expertise to the Department of Energy through the Nuclear Criticality Safety Program (NCSP) manager. The CSSG provides advice and technical support to help meet the criticality safety needs of DOE missions, including stockpile stewardship, materials stabilization, transportation, storage, facilities decommissioning, and waste disposal. The CSSG also makes recommendations for the implementation and execution of the coherent, efficient NCSP administered for the DOE by the National Nuclear Security Administration (NNSA).
# Who We are today

## Current Membership of the CSSG

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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<th>Organization</th>
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<tbody>
<tr>
<td>David Erickson, Chair</td>
<td>SRNS (Ret.)</td>
<td>David Hayes, Dep Chair</td>
<td>LANL</td>
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<td>Mikey Brady-Raap</td>
<td>PNL (Ret.)</td>
<td>Dave Heinrichs</td>
<td>LLNL</td>
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<td>Jerry Hicks</td>
<td>NNSA (Ret.)</td>
<td>Kevin Kimball</td>
<td>Y-12</td>
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<td>Tom McLaughlin</td>
<td>LANL (Ret.)</td>
<td>Jim Mormon</td>
<td>ANL</td>
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<td>Fitz Trumble</td>
<td>AECOM</td>
<td>Robert Wilson</td>
<td>DOE-EM</td>
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A Quick Look Back

• CSSG is now over 20 years old!
• Several Charter Members are still active
  – Tom McLaughlin, Jimorman, Bob Wilson
  – Emeritus – Calvin Hopper, Jerry McKamy, Mike Westfall
• We have lost
  – Adolf Garcia
  – Hans Toffer
2018 – The Accomplishments

• Completed Taskings
  – 2017-05 CSSG Assessment of SRNS NCS Program
  – 2017-04 CSSG Review of LANL CSP
  – 2016-05 Regulatory Impediments to Effective Operational Nuclear Criticality Safety
  – 2016-04 Position of the CSSG on Natural Phenomena and Other Extreme Events vis-a-vis ANSI/ANS-8 Standards
2019 – A Look Ahead

• Current Taskings
  – 2018-01 Educational/Training for Improving Effectiveness of NCS interface with Operations/Production
  – 2019-01 NCSP Proposal Review
Conclusions

• The CSSG is remaining busy
  – Two current Taskings
  – Always something in the wings
• The CSSG is striving to be a strong, unified voice, bringing reason to and/or keeping reason in Criticality Safety
• The CSSG is well positioned to continue their support role into the future
• The CSSG welcomes your input/ideas
• http://ncsp.llnl.gov/cssgMain.html