Processes, Engineering, and Inter-Organizational Coordination to Enable LANL NCERC Operations

Eloura Phelps, NCERC-FO

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NCERC-Facility Operations

• A LANL support organization permanently stationed in Nevada
• Maintains the framework, state of readiness, coordination and preparation for NEN-2 to execute work
NvE: The Nevada Enterprise Organizations
Some days, doing work in Nevada feels like this:
## Codes, Standards, Orders, and the Policies, Processes, and Procedures We Follow to Meet Them

<table>
<thead>
<tr>
<th>DOE</th>
<th>NvE</th>
<th>LANL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOE-STD-3009, Preparation of Nonreactor Nuclear Facility DSA</td>
<td>NFO O 421.X1, Nuclear Facility Safety Management</td>
<td>LANL P300, Integrated Work Management + 10 other SMPs</td>
</tr>
<tr>
<td>DOE-STD-3024, Content of System Design Descriptions</td>
<td>MSTS Company Directives</td>
<td>AP-341 Facility Engineering Administrative Procedures</td>
</tr>
<tr>
<td>DOE-STD-1073, Configuration Management</td>
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</table>

### Other Codes and Standards
- **10 CFR 830** Nuclear Safety Management
- **ANSI/ANS-1-2000** Conduct of Critical Experiments
- **DOE NvE LANL** DOE-STD-1027, Hazard Categorization of DOE Nuclear Facilities
- **LANL** DOE-STD-1073, Configuration Management
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*Los Alamos National Laboratory*
EXECUTING THE MISSION SAFELY
## NCERC 2022 Operations Summary

220 HOT operations in the DAF

<table>
<thead>
<tr>
<th>Dates</th>
<th>Comet</th>
<th>Planet</th>
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<th>Godiva</th>
<th>RTO/other</th>
<th>General Hot Ops NCSP support</th>
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### Dates Comet Planet Flat-Top Godiva RTO/other General Hot Ops NCSP support

| CY22  | 16  | 29  | 12  | 42   | 80  | 41 |

### Number of HOT operations in the DAF

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NCERC-FO Goals and Ambitions

• Qualify all new personnel to be operationally capable
• Advocate within NvE for expanding NCSP mission
• Support broader NNSA community with our established capabilities