CRD #: CRD O 422.1 (Supplemented Rev. 0)    Title: Conduct of Operations

<table>
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<tr>
<th>Applicable Contractor(s):</th>
<th>RCC</th>
<th>OccMed</th>
<th>PRC</th>
<th>MSC</th>
<th>Other</th>
</tr>
</thead>
</table>

Section A – Headquarters CRD:

See CRD O 422.1, Attachment 1

Section B – General Clarifications:

1. DOE O 422.1, Section 4.a: DOE line management must determine which facilities, other than Hazard Category 1, 2, and 3 nuclear facilities, require implementation of this Order, considering the hazards, consequences of operational mishaps, and impact of disruptions to mission. Hazard Category 1, 2, and 3 nuclear facilities are subject to this Order automatically.

All current Hanford facilities and activities with an approved Conduct of Operations matrix shall implement the requirements of CRD O 422.1 and submit an updated matrix for DOE-RL approval. Any subsequent similar activities shall be brought to the attention of DOE-RL for designation per Section 4.a above.

2. DOE O 422.1, Attachment 2, Section 2.h(8): Systems, structures, or components (SSC) used for hazardous energy control isolation boundaries shall be maintained within the contractor configuration management program in controlled drawings. Exceptions to this clarification (e.g. within 6 months of SSC demolition/removal/cold & dark) may be defined if equivalent confirmation of SSC configuration is established prior to each application of hazardous energy control.

Section C – Specific Clarifications:

   a) None

Section D – General Supplemental Requirements

1. The Contractors shall perform LOTO per the approved Site Wide LOTO (DOE-0336) procedure.
   a. The contractor shall, in concert with other Hanford Prime Contractors, establish a process for maintenance and administration of the Site Wide LOTO procedure.
   b. The contractor shall, in concert with the other Hanford Prime Contractors, participate in a chartered site wide LOTO committee (e.g. Hazardous Energy Control Technical Review Board)
      i. The committee charter shall as a minimum address the following:
         1. Membership qualification
         2. Member duties, roles, and responsibilities
         3. Site Wide LOTO procedure administration, training, and approval.

2. The Site Wide LOTO procedure shall be, as a minimum, based on:
c. DOE O 422.1, Attachment 2, Section 2.i, Lockouts and Tagouts

d. 29 CFR 1910.147, The control of hazardous energy (Lockout/Tagout)

e. 29 CFR 1910.333 (b)(2), Lockout and Tagging

f. NFPA 70E, Section 120.2, Working on or Near De-energized Electrical Conductors or Circuit Parts that have Lockout/Tagout Devices Applied.

3. Site Wide LOTO procedure developed in accordance with this direction must be submitted and approved by DOE-RL prior to implementation. Future revisions of the Site Wide LOTO procedure are required to be submitted to RL and shall be considered approved unless otherwise notified.

4. DOE O 422.1, Attachment 2, Section 2.f: The contractor shall notify the FR prior to conducting event investigations (critique, fact finding, post-job, etc.). Notification will be made allowing sufficient time for the FR to attend.

Section E - Specific Supplemental Requirements:

None