

System Pre-HCO Reviews

7/11/13

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System Pre-HCO Review overview -

System Reviews will be conducted by a review committee that evaluates specific system readiness information as presented by the system owners.

A follow-up report will be issued, assessing system readiness to support beam operations.

System Pre-HCO Review presentations-

1. Brief overview the system status.
2. Plans to complete the 12GeV activities.
3. New EHS concerns.
4. Preventive Maintenance (PM) work performed during the Long Shutdown
5. Uncompleted and/or deferred PM.
6. Spare parts : status of inventory, prioritized list of missing spares with cost and lead time estimates.
7. Annual consumable procurement cost estimate.
8. Known issues wrt meeting the Commissioning plan.
9. System Hot Check Out checklist.

Review Time Table -

6/20/13	Facilities, Management and Logistics
6/27/13	Cryogenics
7/11/13	Safety Systems / Radcon
7/18/13	Software
7/25/13	Transport
8/1/13	Diagnostics, I & C
8/8/13	Acceleration
TBD	Radcon

Draft Findings Facilities Management and Logistics

1. Facilities/OPS to develop priorities and requirements for tunnel dehumidification system.
2. Facilities/OPS with input from Cryo/RF power/DC power needs to develop a constraint table that establishes the CEBAF operational parameter space with the present pre-UIM infrastructure (power distribution and cooling tower capacities).
3. A combined prioritized list of FML projects should be developed and provided to OPS. The list should include a rough cost estimate, duration, impact to operations, and projected implementation plan.
4. Sensing and reporting on dissolved oxygen and installing a robust de-ox system should be a high priority for FML in order to ensure LCW quality is monitored and maintained.
5. The FML dashboard provides a good visual for system readiness. Updates to the dashboard should be provided regularly as Hot Checkout and beam operations proceed.

Draft Findings Cryogenics

- Keep OPS and SRF lead (Mike Drury) informed as to the Cryo plans and availability from now until beam operations.
- Create a list of improvement projects so they can be appropriate prioritized and tracked.
- Develop a cost / benefit evaluation for the project list.
- Present a chart outlining a schedule for required downtimes for the various projects and the subsequent affect on CEBAF operations.
- Develop a bottoms up cost evaluation for the steady state budget to aid in establishing priorities (and funding) for tasks.