

Questions

Q1. The committee would like to understand better the plan for procuring/fabricating spare components for the various subsystems; both for simple components that come in large numbers, as well as for more complex or specialized components that come in small numbers.

As an example of the former, we understood the number of spare aluminum FC electrode elements being planned for is about 1% of the total number required for the full FC system (did we understand this correctly?). However, it is easy to imagine one (or more) completed FC module being damaged accidentally during installation (cart tips over or some such) in such a way that more spares would be needed.

As an example of the latter, are there plans to procure/fabricate spare cathode HV feed-through + extender components?

This question is not asking for an exhaustive list, but rather what the guiding principles are, and to give some examples to illustrate how this analysis has been done in some cases.

Q2. The committee is interested to hear more about the plan for interfaces with slow controls. For example, is there a particular member of the HVS consortium who would be the main point of contact with the I&I group for slow controls? What additional level of detail beyond what was shown in the presentation today is needed to be able to fully specify these interfaces?

Q3. The committee would like to hear more on the response to recommendation #6 from the PDR, "Incorporate protection for the cable plug termination based on similar designs that have been built previously to prevent accidental bending".