

100 Area End State Workshop, June 23 – 24

100 Area River Breakout

Questions:

- **Are the remedies completed at waste sites in the 100 Area sufficient to be considered final remedies?**
- **Should the pipelines from the reactors into and under the Columbia River be removed or should they be left in place?**
- **Groundwater in the 100 Area is expected to meet applicable standards by the end of the cleanup mission with the exception of the strontium-90 (Sr-90) plume at 100 N. Is it acceptable to rely on radioactive decay to remediate this plume or are extensive efforts required to perform further treatment?**

The following is the overall summary developed by the entire group

Strontium -90 (Sr-90)

•Split in opinions

- If the risk is as low as described and treatment as ineffective - spend the dollars on other cleanup needs
- Others would like to see more pristine cleanup
- Need to see the engineering evaluation

Interim Action Waste Site Cleanup

•Acceptable as final remedy

•Need the safety net of continued monitoring and 5 year review

- If this process indicates remedy inadequate to protect groundwater – need a commitment to take action (automatic trigger)

Pipelines in River

•Remove the trash from the river

•Unless outweighed by worker risk and ecological damage during removal

•If left in place - stabilize to minimized physical hazard in long term

Overall

•Need to provide a good presentation on the decisions

- The science to support the decision
- The risk associated with the options
- The engineering incorporated in solution

•Some concern with the strength of the science, need to validate with monitoring

•Tribal members pointed out the need for Government-to-Government discussions on these topics

•Tri-Parties need to explain risks from contaminants and risks associated with engineering options