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I'm a public health faculty member at the University of Washington. I teach a unit on Hanford every year to my Master of Public Health students.

Thank you for the opportunity to provide public comment on the effluent transfer lines and LERF's Basin 41.

Please require Protective Leak Inspections. Ensure that the timing and rigor of leak detection inspections are not decreased by the permit modification.

Plan for Infrastructure Upgrades. Ensure planning for all necessary infrastructure upgrades, including the three existing LERF basins which have a 20-year design life that expired in 2015.

Include Plans for Avoidable Problems. Ensure DOE takes action to avoid startup issues at the Effluent Treatment Facility that considers unknowns such as what the future Waste Treatment Plant effluent may contain. Ensure measures are taken to avoid impacts to ongoing and future site cleanup activities