

# Michael Harding

To Whom It May Concern regarding LERF and 200 Area ETF Construction of LERF Basin 41 - Class 3 modification

DOE should take into consideration unknowns such as what the future Waste Treatment Plant effluent may contain.

An upgrade of the three existing LERF basins (which have a twenty year design life that expired in 2015) is due, is it not?

It would be advisable to ensure that leak detection inspections are not lessened by the permit modification.

DOE should also take measures to avoid impacts to ongoing and future site clean up activities by implementing a poorly considered permit modification.

As far as public relations are concerned, information about leak detection, expired design life, infrastructure upgrades, and Waste Treatment Plant effluent should be provided and shared with the public prior to asking for public comment on permit modifications.

The safety of Hanford workers should be a priority. Naturally, that idea extends to protecting the environment from the radioactive waste and toxic chemical vapors that are often present in the waste that will be moved through the new transfer lines and stored in the basins.

Any anticipated problems or likely complications associated with proposed actions (and the timeline for fixing such problems) must be shared with the general public.

Providing for an accurate public understanding of how Hanford's high-level tank waste glassification project is designed would force the DOE to grapple with the complexity of the task fully so that it could share details with the general public without glossing over problems not yet solved.

Long term plans for implementing additional upgrades to deal with aging infrastructure must be made with a devotion to accuracy and clarity both in design and in disseminating and clearly sharing that design with the public sphere.