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Ref.: OU5 ROD - Groundwater clean-up level for Uranium  
20 ppb verses 30ppb. Comment on ESD.

DOE's letter requesting the ESD, only address the benefits resulting from the change as a significant cost saving, and does not adequately address the health benefit to the Fernald community.

Again as in the past the Fernald residents are faced with the decision COST verses HEALTH.

The health information from EPA believes the difference in kidney toxicity risk for exposures at 20ppb versus 30 ppb is insignificant. EPA believes that 30ppb is protective of the general population.

- \* There is not enough scientific literature to make this termination.
- \* What health data is available used animals as the study group.
- \* EPA is changing the standard as a cost saving for communities with public water system

The Residents of the Fernald area are not the general population. To this day there are families using ground water as their main source of drinking water.

Here is a list of preliminary health studies relating to adverse health effects from contaminated ground water around the Fernald site.

The information may help change Fernald DOE 's request to have 30ppb for clean up level for OU5 ROD.

The information received from the CDC Dose Reconstruction project - Vol. one- Task 6. Cumulative uranium concentration to the kidneys. Possible could have mild health effect to those living in the 2 mile area.

The ATSDR Fernald Public Health Assessment yr. 2000 suggest that the residents have an elevated kidney burden of uranium from past exposures, primarily from consumption of contaminated water.

The Fernald Medical Monitoring Program cancer Incidence study (1999).  
Conclusion 1) Urinary System Cancer incidence was greater than expected.  
2) Kidney/ Renal Pelvis Cancer incidence was greater than expected. (SIR).

ATSDR recent study "Prevalence of adverse Health outcomes in residents of the area surrounding the Fernald site.

Conclusion: of this study an excess in all kidney disease, all bladder

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disease, kidney stones. Excess in chronic nephritis, urethral stricture, hematuria.

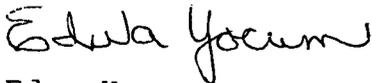
As a Resident of the Fernald area I have chosen my Health, and the health of my communities over the cost saving.

I must live in Crosby Township and feel confident that during remediation and after the site is closed, our most precious resource the aquifer and the groundwater is safe for consumption.

Cost savings issue only shrinks the size of off site/on site contamination of groundwater and lessen DOE's accountability to clean up the Fernald site.

I am asking Fernald DOE to continue using 20ppb. as the final maximum contaminant level of the operable Unit 5 ROD.

Thank you



Edwa Yocum

