4/5/00

I. air oxidation kinetics and subsequent fuel damage behavior

While oxidation and fuel damage may proceed differently in an air environment, our fission product release assumptions should accomodate any reasonable uncertainty in the progression of the accident with the possible exception of the ruthenium release.

In half an hour, we are releasing 100% of NG, I, and Cs and small amounts of the low-volatiles.

II. high burnup hydriding

Recent information on zircaloy oxidation in French and German studies indicates that high burnup hydriding has a small effect on autocatalytic zircally oxidation.