

R. Barrett
Joe Stoddemeyer
Charlie Tebbles

Jason Shapiro (back end)
ME
Diane Jackson

4/5/99

Ordey
Mark Rubin
Ed Thomson

Ed Council Fire part

SFP Decommissioned Plants

Need to approximate bottom line (agglomerate sequences) in conjunction with criteria for what is a problem/unacceptable and what is.

How can you bound problem, some term? energy behind ST? Pathways?

How high a λ can we have given the S.T. we expect.

NR-6451 - 17 months PWs } due to burnup.
7 months PWs }

Joe: Best Est = 4 yrs net ↑

Diane - burnup + configurations (spacing to racks + walls + ducts - minus air flow) drive results.

Joe: Always recoverable if water is available.

R. Barrett - Once burn starts, assume no recovery.

R.B.: What happens after the fire starts?

Zirc fire - flame @ 4000°F

steel girders fail at \approx 1100°F (60% of yield)

B/108

2

4/5/99

Dione - Draft Sandia report. Once new fuel catches on fire, older fuel would heat up + explode.
Fire could last for several hours. Fire would ↑ clad by several hundred degrees.

Dione We are to come up w/ predictable way to analyze it.

Boundary Conditions