ITER and FIRE are Each Attractive Options (FESAC)

Primary Burning Plasma Experiments (same scale)

FIRE ($1.2B - 1.4$ ktonne)

Conventional Operation

$Q \sim 10$ @ 86% J(r) equilibration

(FIRE and ITER)

Advanced Operation

$Q \sim 5$, $f_{bs} \sim 80\%$, $\beta_N \sim 4$ @ 98% equil.

(FIRE)

$Q \sim 5$, $f_{bs} \sim 50\%$, $\beta_N \sim 3$ @ 99.9% equil.

(ITER)

A strategy that allows for the possibility of either burning plasma option is appropriate. (FESAC)