



In Lieu of Our LOCA - Good things about pressure tubes

The rupture of one pressure tube is not as catastrophic as the rupture of an entire pressure vessel. Also, in most cases a pressure tube will leak and give ample warning before rupturing.

OUR POINT – “intelligent engineering, uncoupled design is axiomatically preferable”

Because coolant and moderator are physically separated the moderator can be kept relatively cool.

OUR POINT – “safety first, more controllable temperature ranges”

The pressure-tube concept allows the replacement of fuel in the reactor on power, precluding the need for periodic shutdowns for refueling. Also, on-power refueling means that excess reactivity in the lattice is never very high, a safety advantage...

OUR POINT – “Allows the public to maintain a constant power supply even if we need to service or replace, fuels or tubes”

