Annulus Gas System tube ("pigtail")

Coolant flow direction

Nut

Spacer clips

Yoke

Stud

Inboard bearing

Sleeve

Inboard journal ring

Outboard journal ring

Pickering B Fuel Channel Assembly

Pressure tube

Calandria tube

Calandria tubesheet

Shield cooling system: light water and steel shielding balls

Heavy water moderator

Light water shield plug

Shield plug

End fitting body

End fitting body

End shield lattice tube

Lattice tube shielding sleeve

Outboard bearing sleeve

Outboard journal ring

Inboard bearing sleeve

Inboard journal ring

Ladder tube shielding sleeve

Note: This is an illustration, not a drawing. Consult applicable general arrangement and detail drawings for any serious application or decision.

4 loose spacers originally installed, 4 tight spacers on SFCR channels

Fuel bundle (at inlet end)

Fuel bundle (at outlet end)

Pickering B Fuel Channel Assembly

DRAFT please send comments and corrections to David Brown at browndr@aecl.ca