

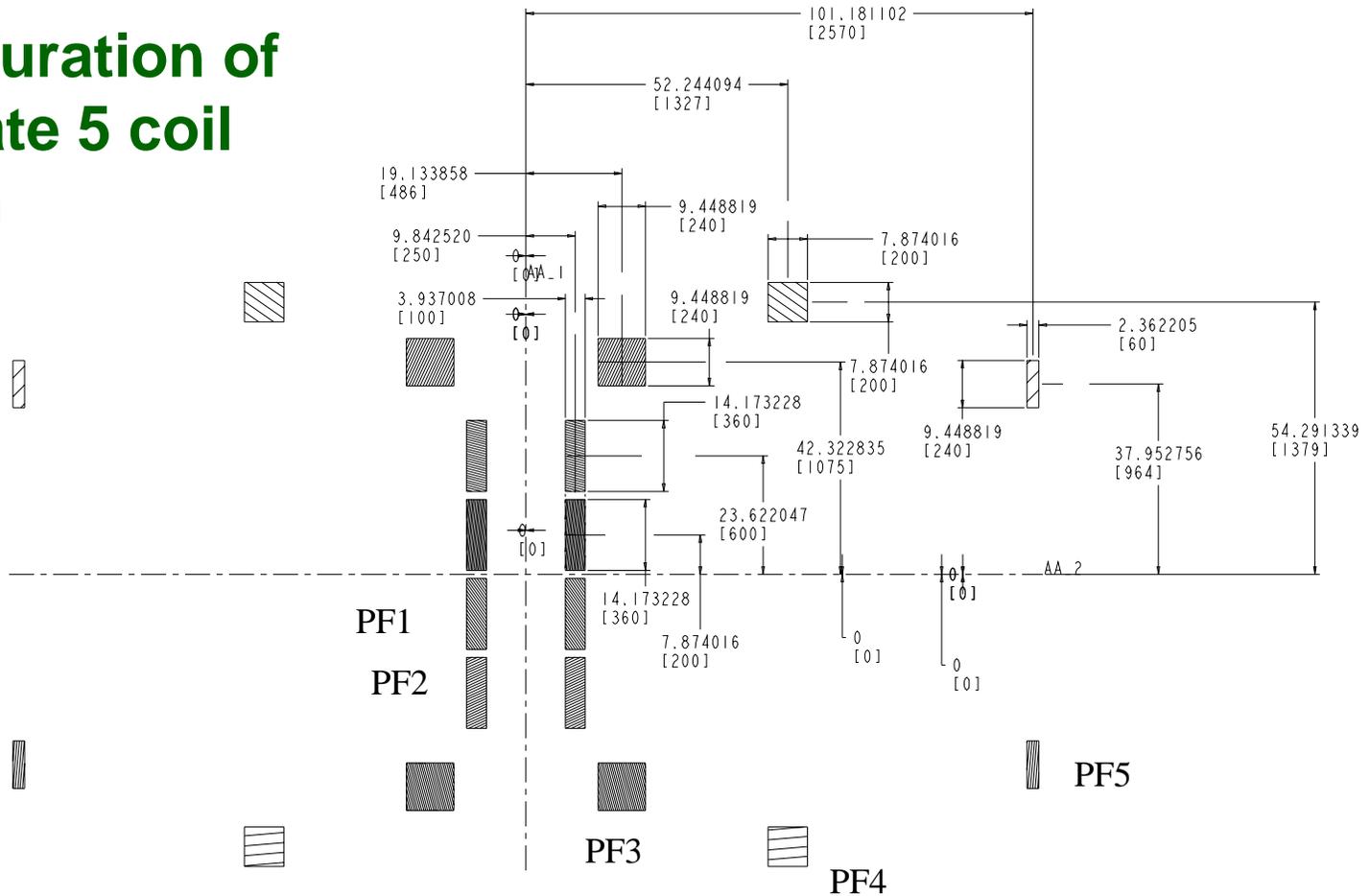
ENGINEERING MEETING

Alternate 5 Coil PF Design And Access Considerations

JULY 11, 2001

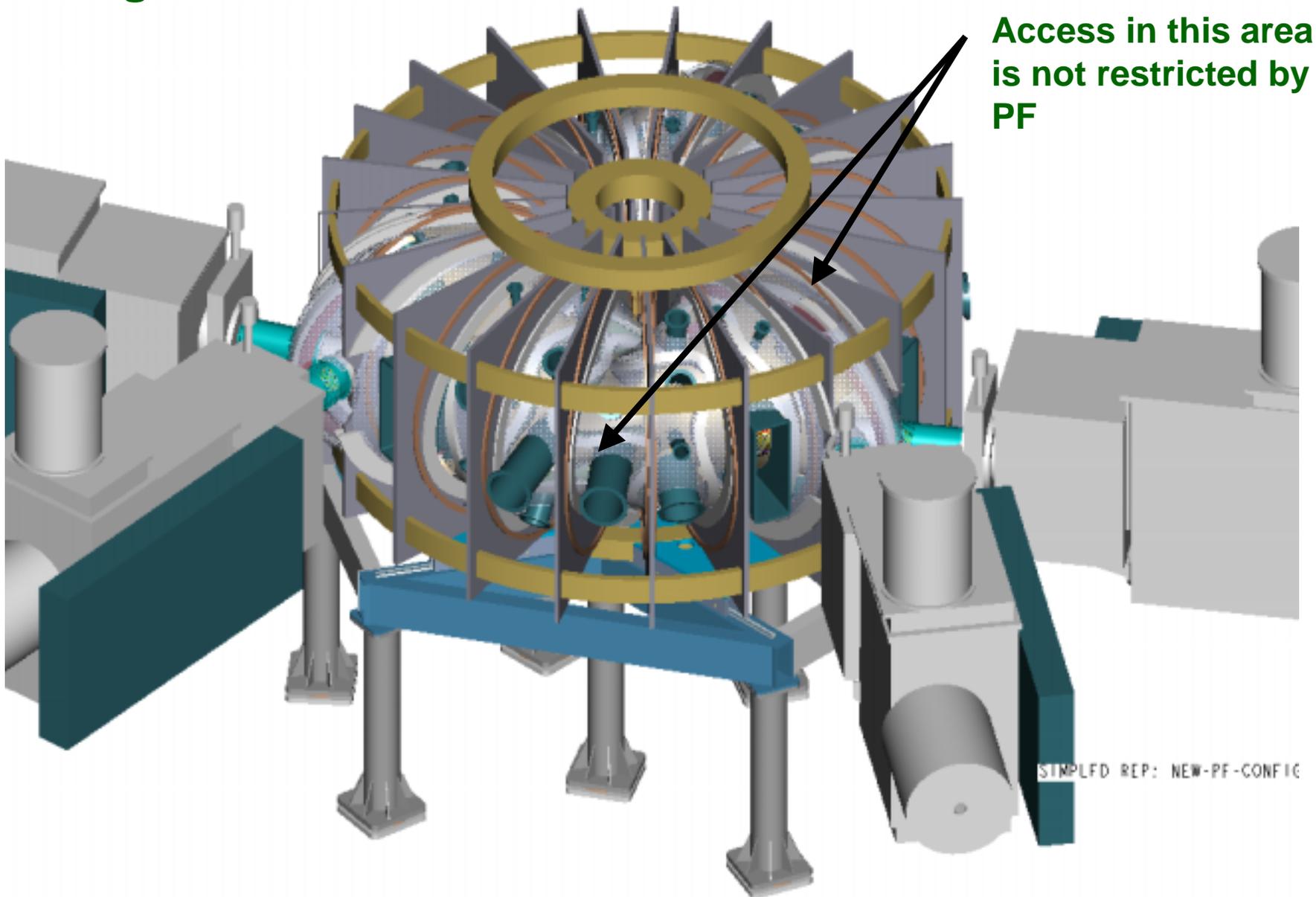
M. COLE / D. WILLIAMSON

Configuration of alternate 5 coil design

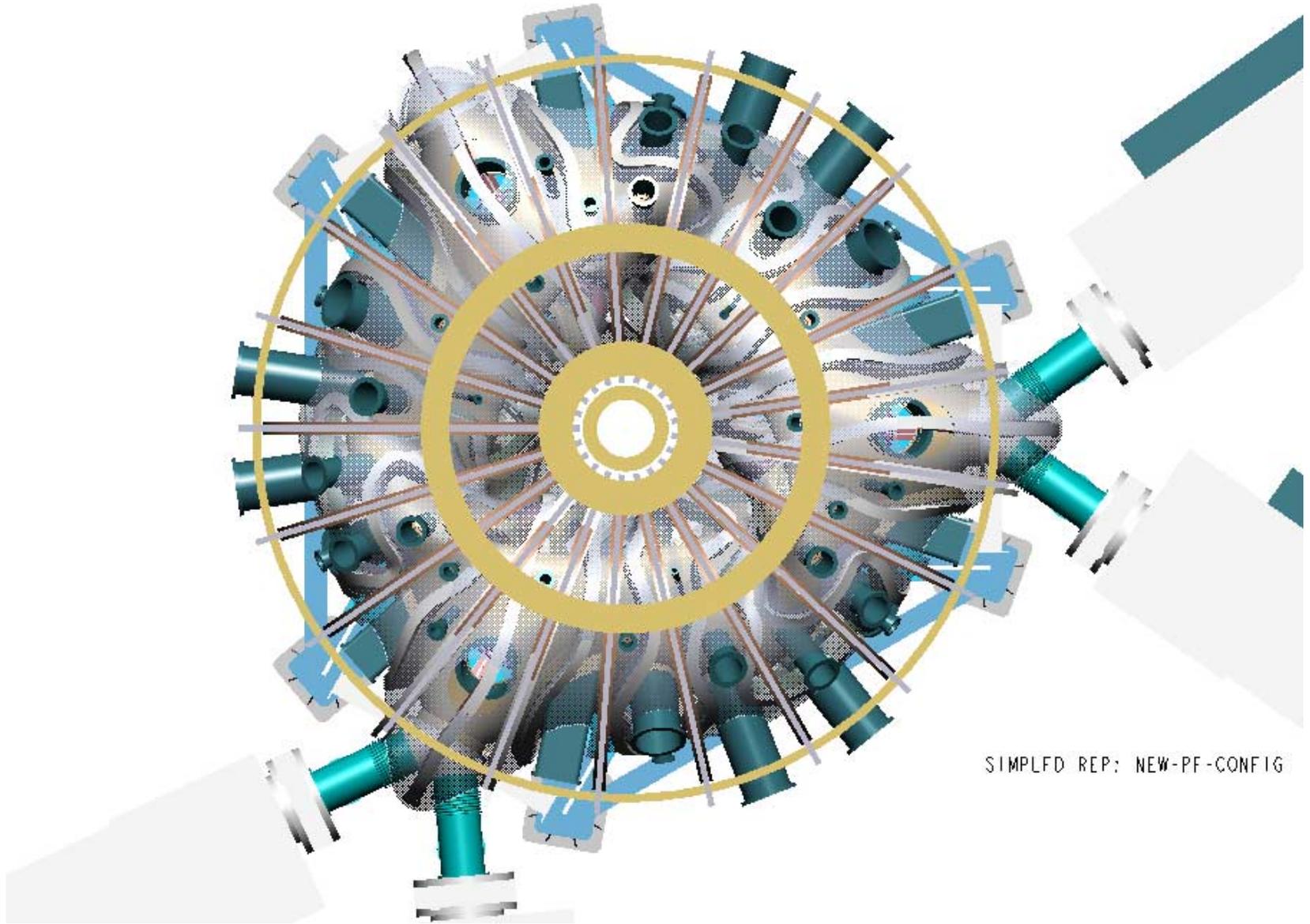


	Rc	Zc	dR	dZ
PF1	0.25	0.2	0.1	0.36
PF2	0.25	0.6	0.1	0.36
PF3	0.486	1.075	0.24	0.24
PF4	1.327	1.379	0.2	0.2
PF5	2.57	0.964	0.06	0.24

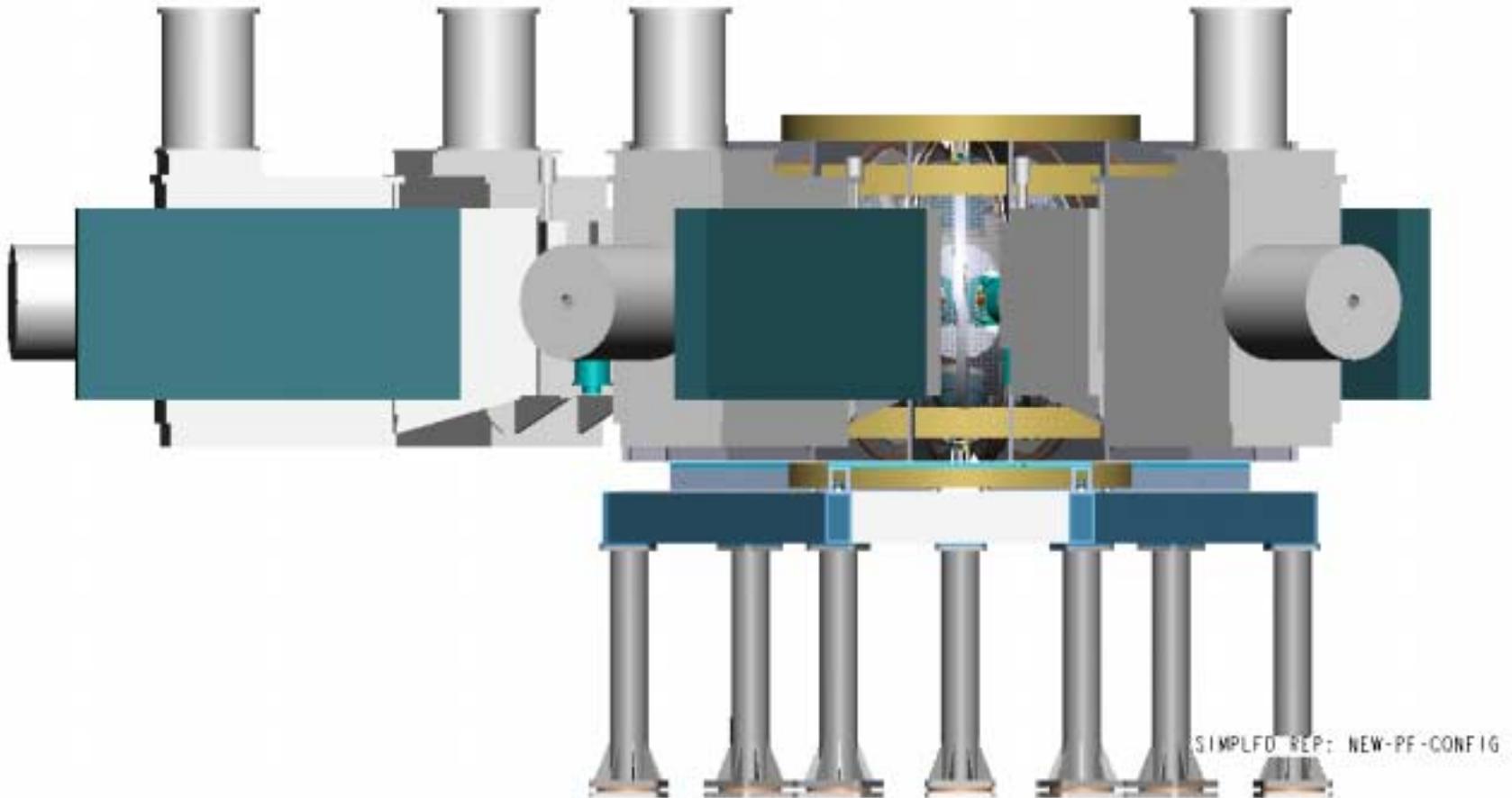
Alternate 5 coil PF configuration added to PVR machine configuration



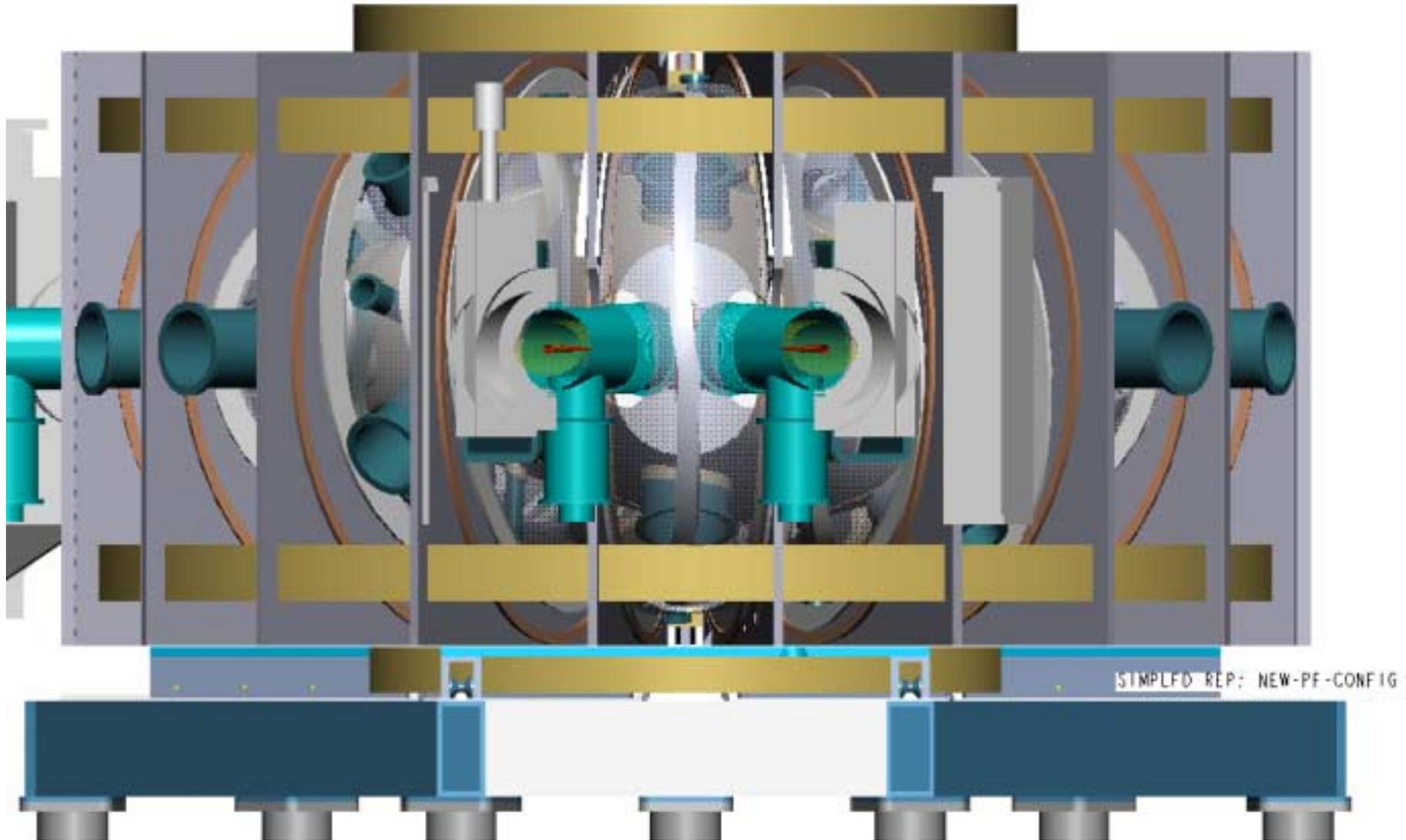
Top view – Access from top appears to be unrestricted by PF



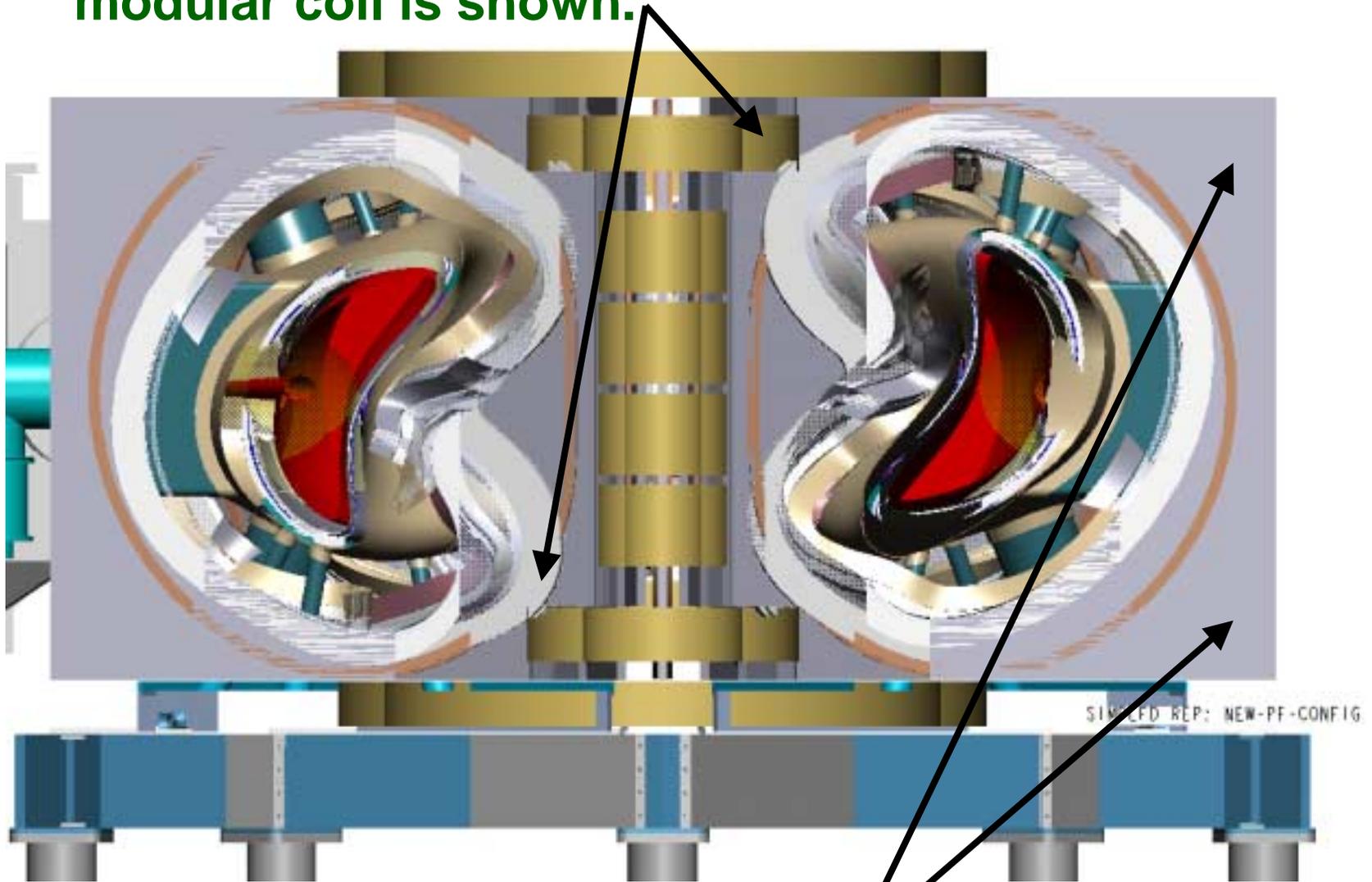
Right view – The next 2 slides show cut-away views from this position



Neutral Beam boxes removed. Access in this area is good.

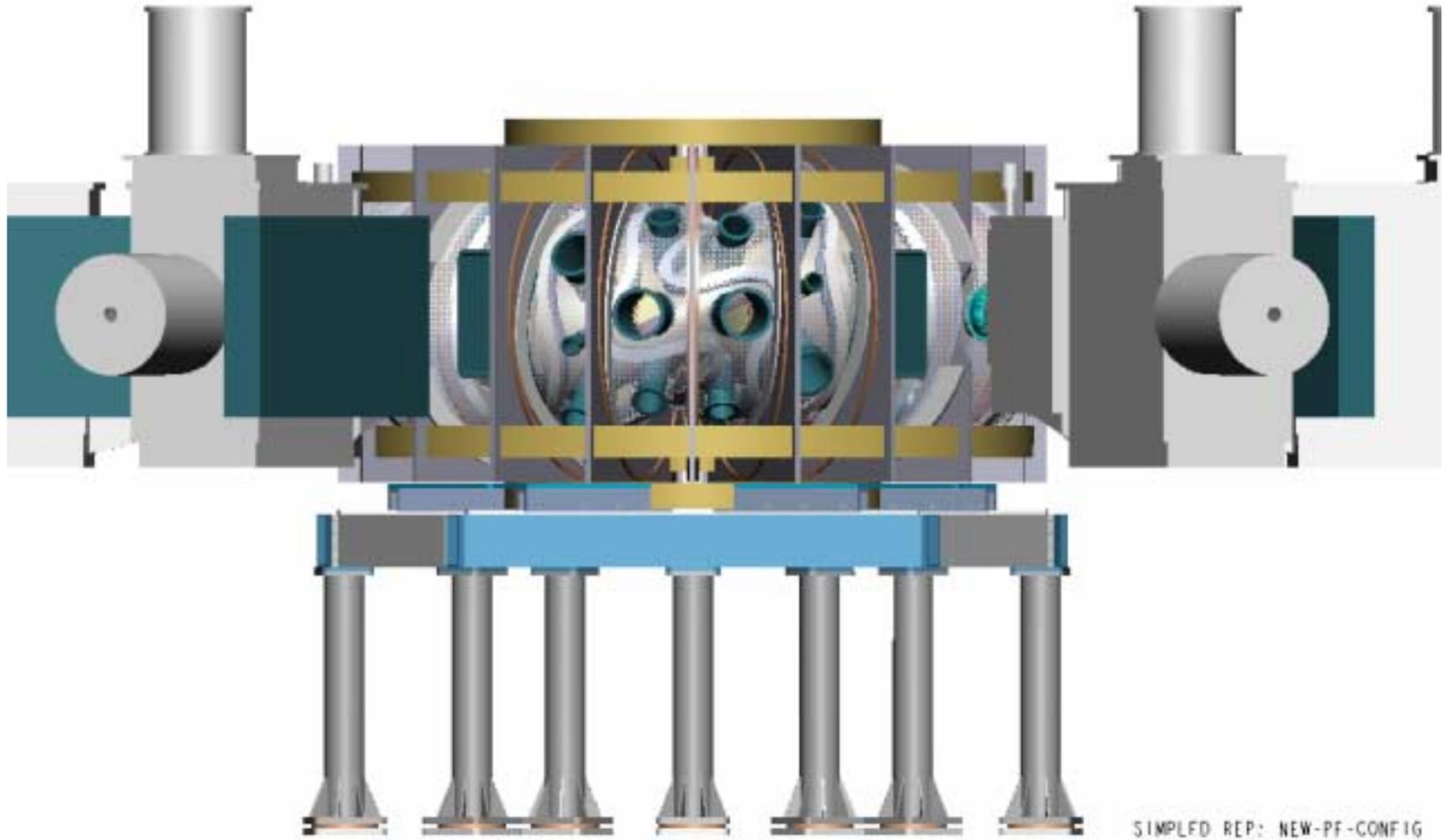


Access is not restricted in this view but an interference with PF3 and the modular coil is shown.

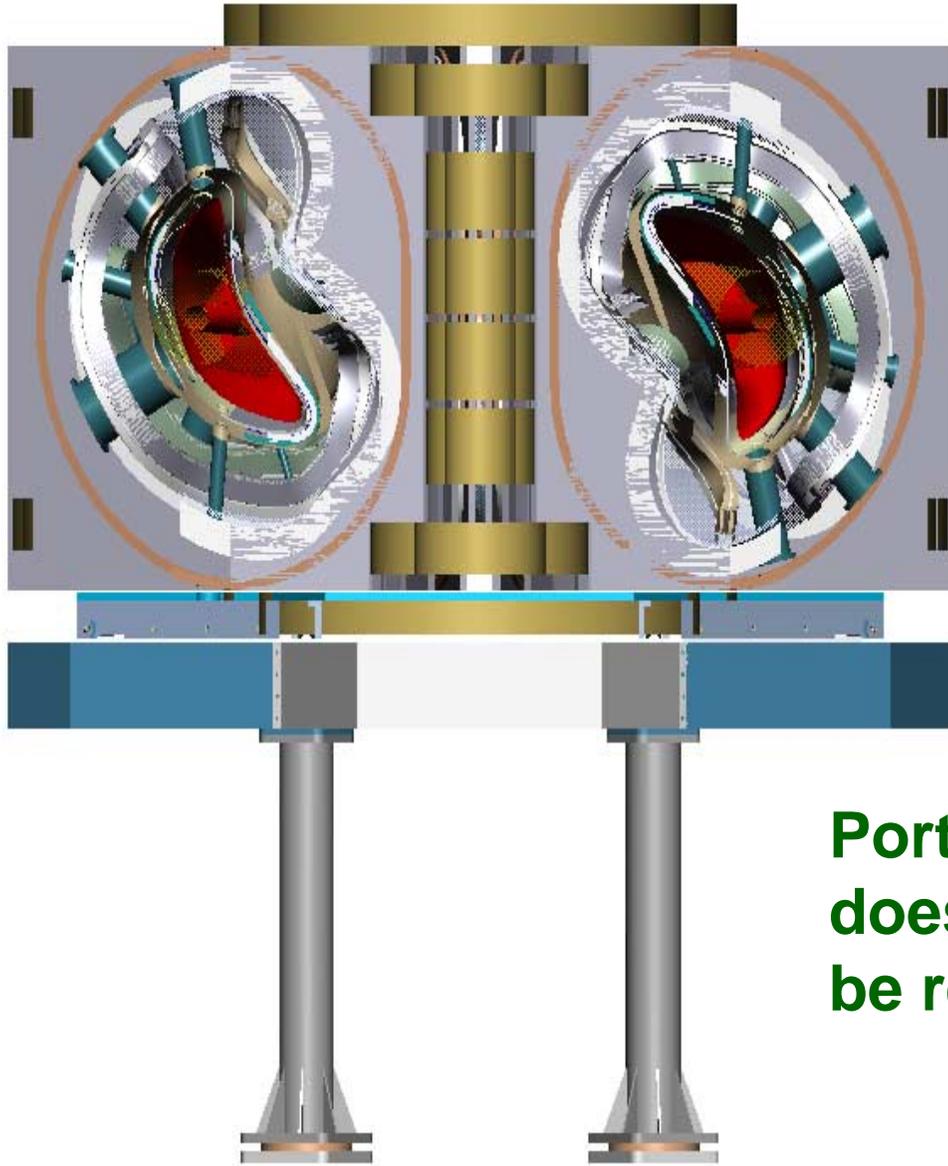


PF5 is not shown in this view.

View looking into the oblate section. The next slide is viewed from this orientation.



SIMPLFD REP: NEW-PF-CONFIG



**Port configuration
does not appear to
be restricted by PF.**

SIMPLFD REP: NEW-PF-CONFIG

Summary

Access does not appear to be restricted from the 5 coil PF configuration.

PF3 should be repositioned to eliminate interference with modular coil.