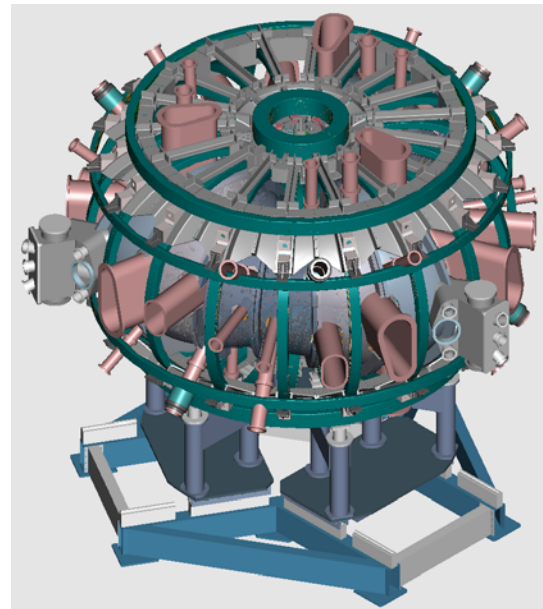# NCSX Engineering Project Meeting

March 21, 2003

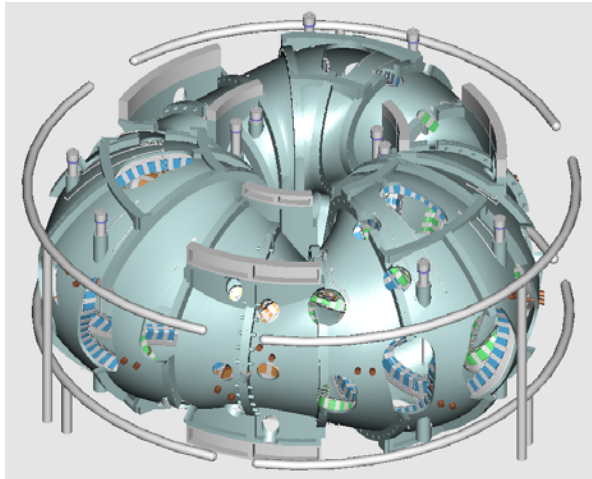## Updated 4/9/03

WBS 1 Integration Status

AGENDA

- Modular Coils

- Vacuum Vessel

- TF Coils

- PF Coils

- Cryostat

- Base

- ICRH Antenna

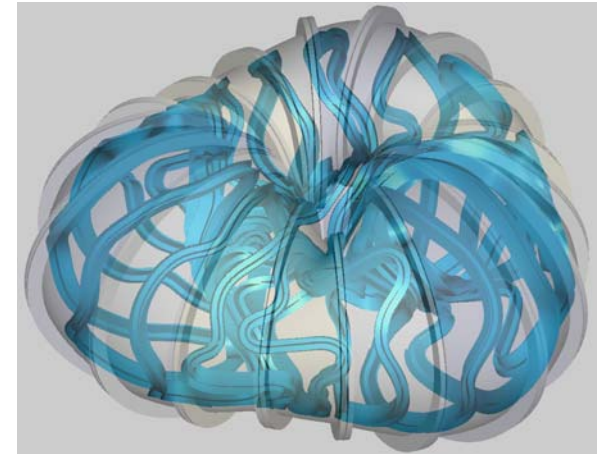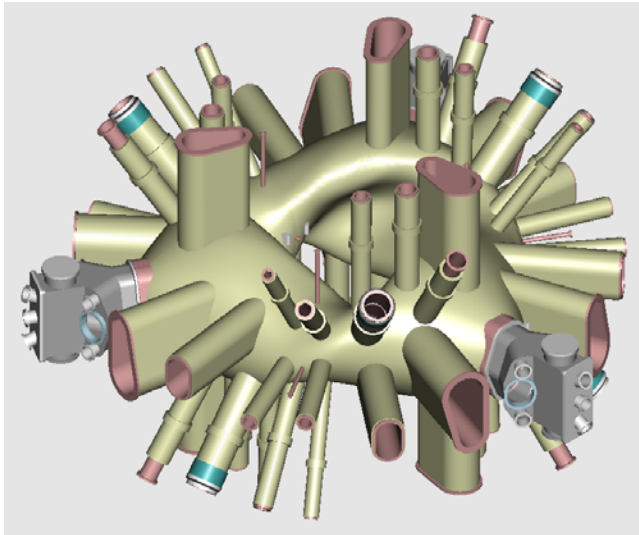- Neutral Beams

- Stellarator Core Systems

Modular Coils

CDR

PDR

• **Updating to M50 Concept**

• **Current concept has been assembled into Core Assembly**
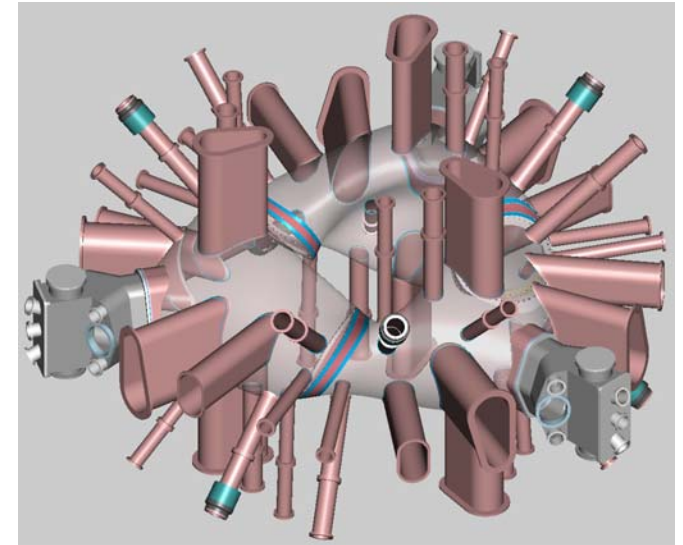
Vacuum Vessel

CDR

PDR

• **Developing vacuum vessel shell surface**

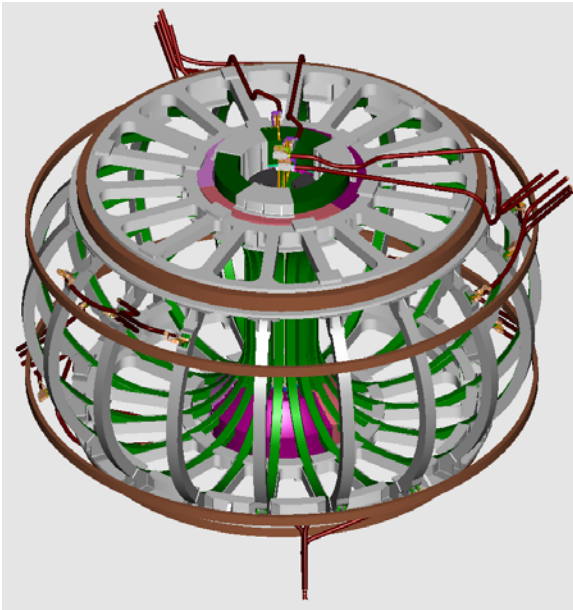• **Ports have been remodeled to reduce size and changes in no.**

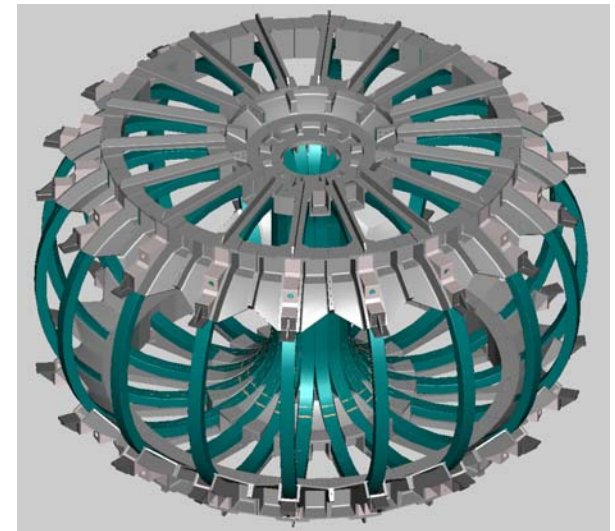• **Updating as new models are available.**

TF Coils

CDR

PDR

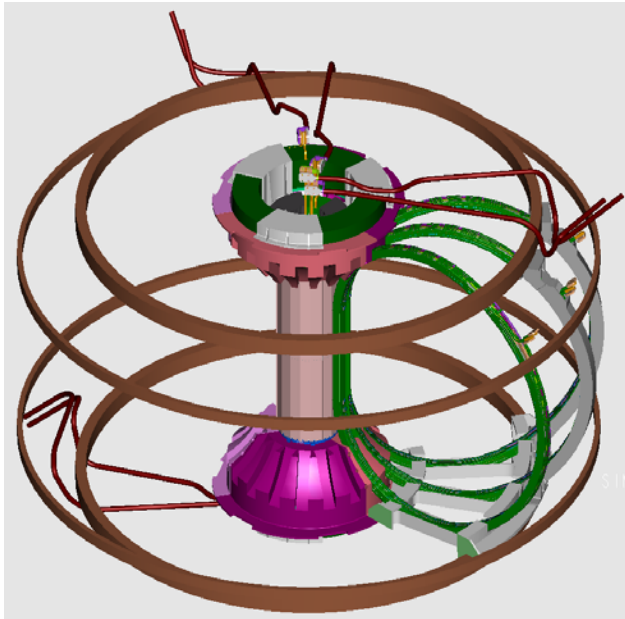• **Update of TF Coils have been added to the Core Systems.**

•**Interferences between mod coils and TF coils are being studied**

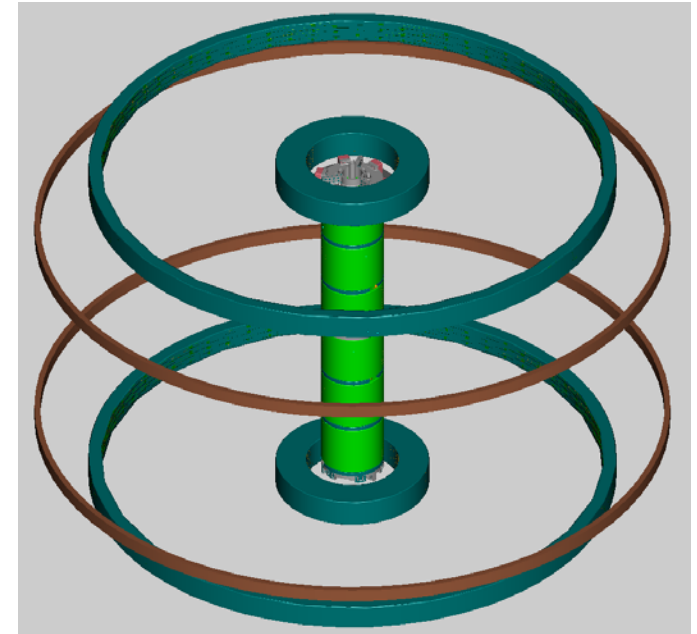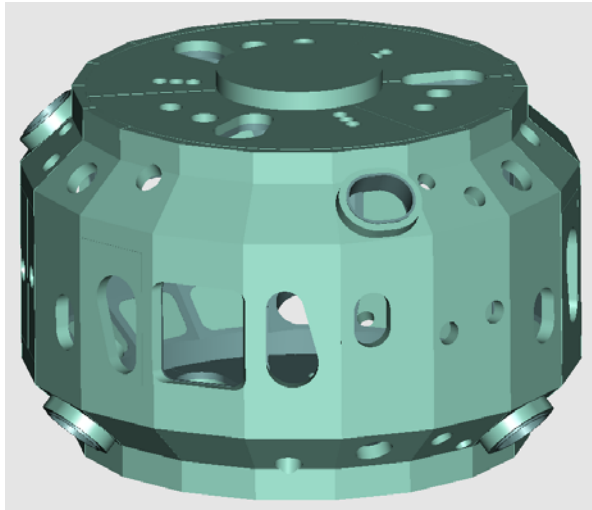• **Interface between base support and TF coil support coordinated with Tom**

PF Coils

CDR

PDR

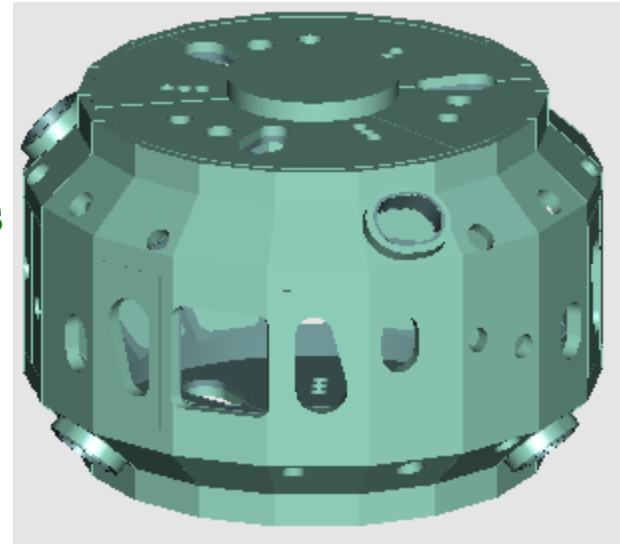**• Current concept has been assembled into Core Assembly**
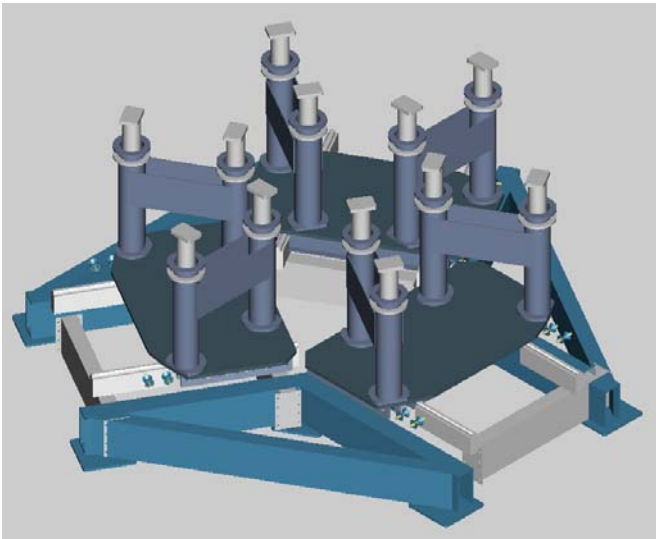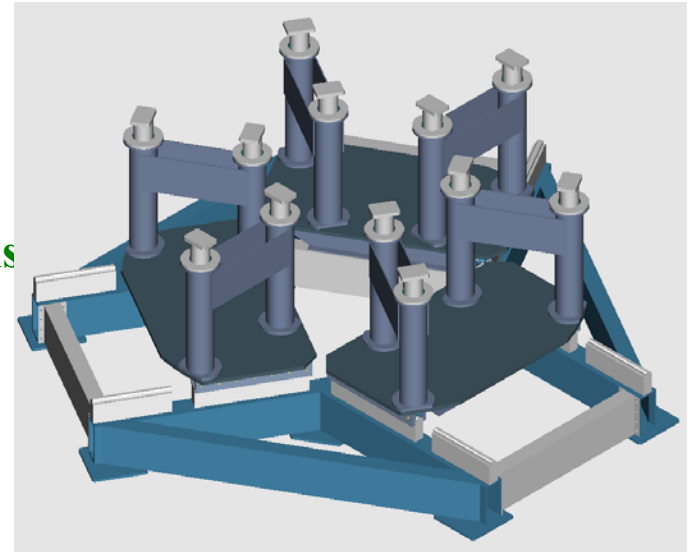
Cryostat

CDR

PDR

• **Renamed models and placed in intralink**

• **Updated port configuration to current design**
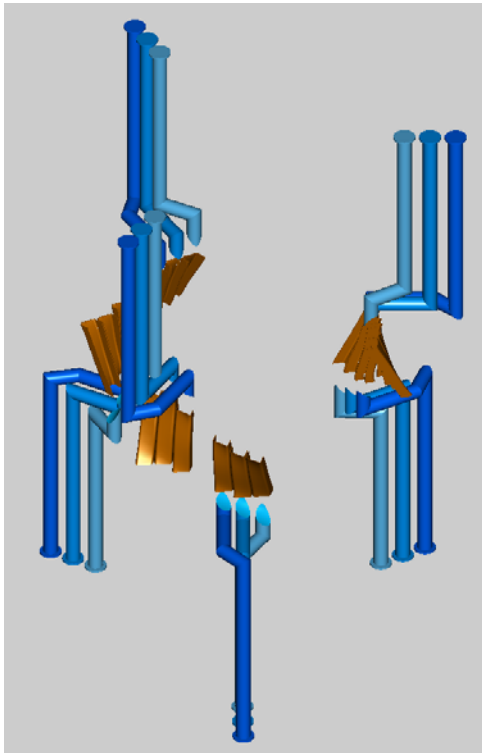
Base

CDR

PDR

- **Renamed models**

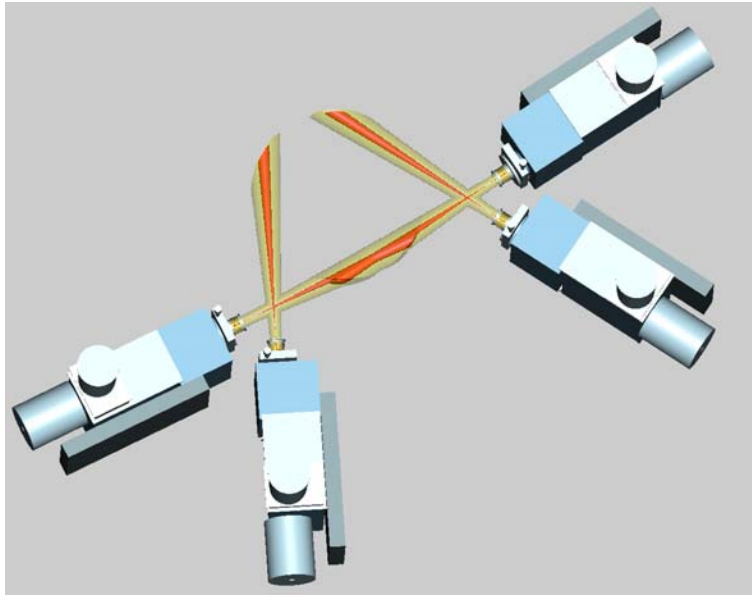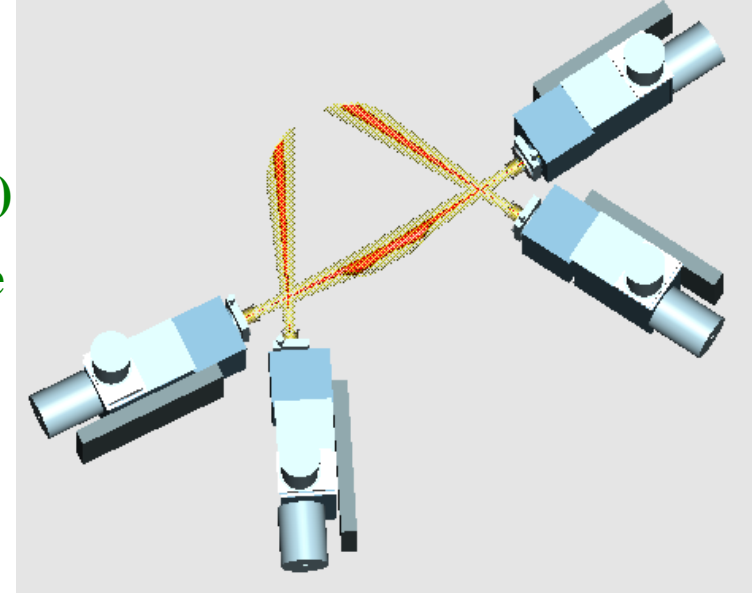- **Positioned relative to TF Support Struct**

8

ICRF Antenna

CDR

PDR

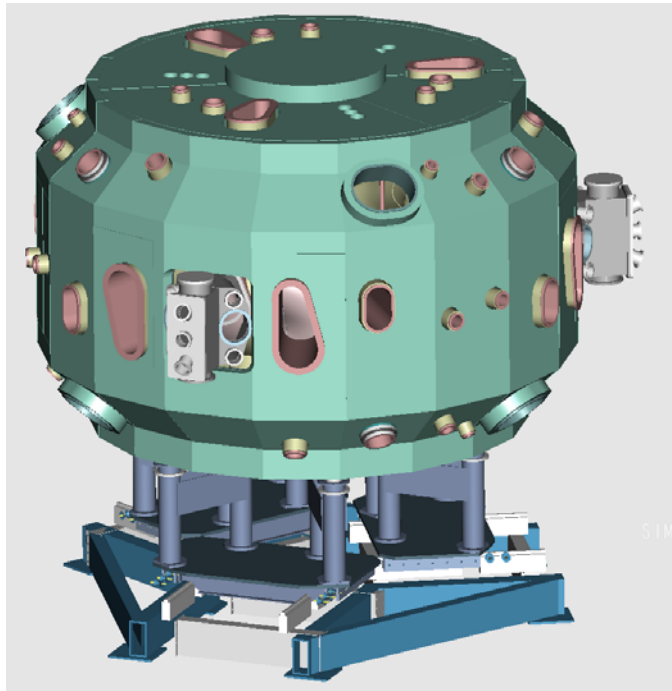• **Holding for more detail on mod coils and vacuum vessel.**

Neutral Beams

CDR

PDR

- **NB have been renamed (PPPL)**
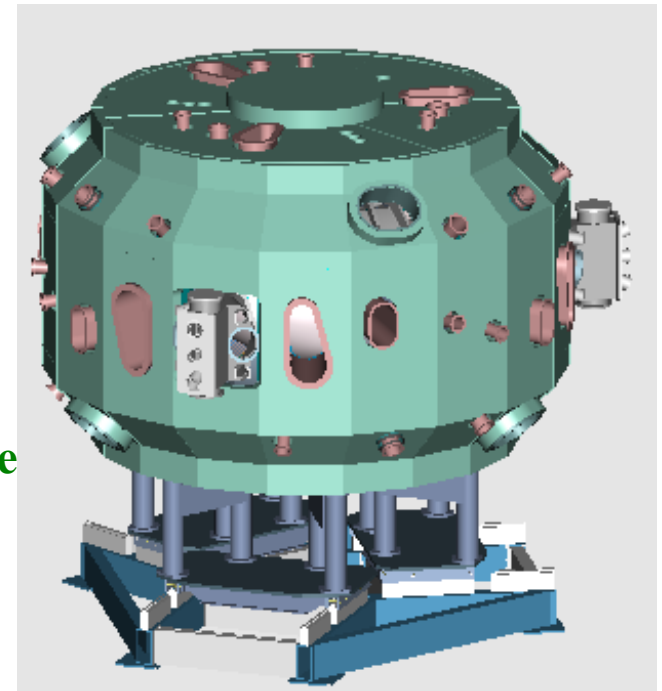
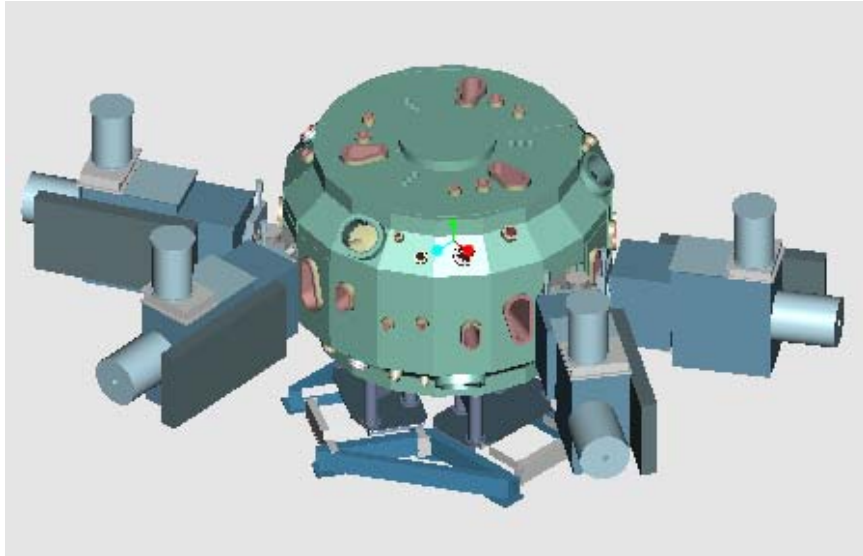- **Added to Core Assy**

Stellarator Core Systems

CDR

PDR

- **Updating new models as they are developed**

- **Need to start updating assembly procedure(coordinate with E. Perry)**

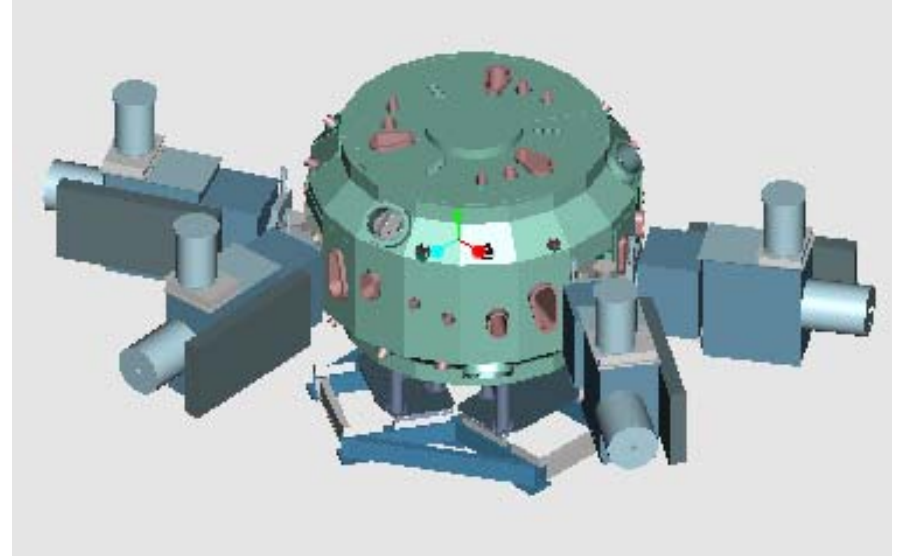- **Checking for interference as new models are assembled.**

Stellarator Core And Neutral Beam

CDR

PDR

- **Added NB to Assembly**

- **NB not part of Core but added for information**