

Manipulator arm for various tasks in Danish Decommissioning

Remote operation

Smaller doses to the workers.
More than one shift.

Standard arm

Known technology.
Easy access to spare parts and "experts".
Lower cost than custom build.

Feedback to operator

Operator knows how much force is being used.

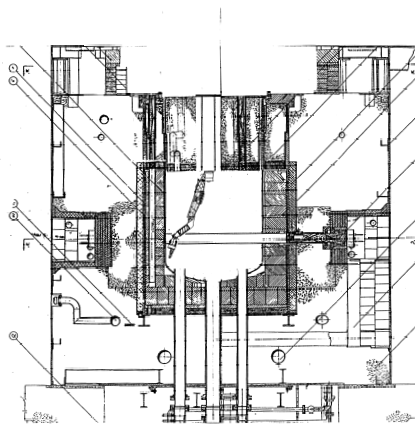
Hydraulic power

Can deliver more power.
No gearbox.
No overload.
Fewer critical components.

Watertight

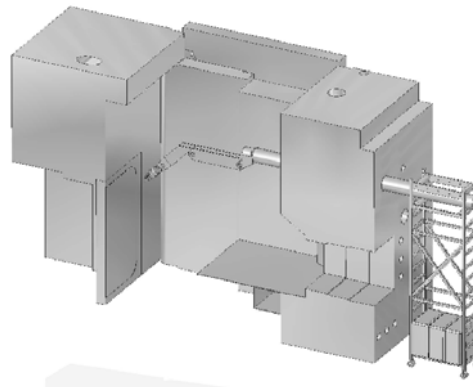
No dust gets into the arm.
Possibility to clean it with pressure hose.

Expected future use



DR 3

- Cutting up RAT
- Removal of grafit
- Removal of Boron and lead layer
- Cutting up inner- and outer steel tank



Hotcell facility

- Dry mediablasting of surfaces
- Removal of hot-spots (Co sources)
- Removal of lose objects inside cell's

Other uses at DD

Sorting of old radioactive sources

Sorting of lead stones

Dismantling of plugs from DR 3



Mock-up test of cutting up steel liner



Two different arms



ROV as used in Oil industri

