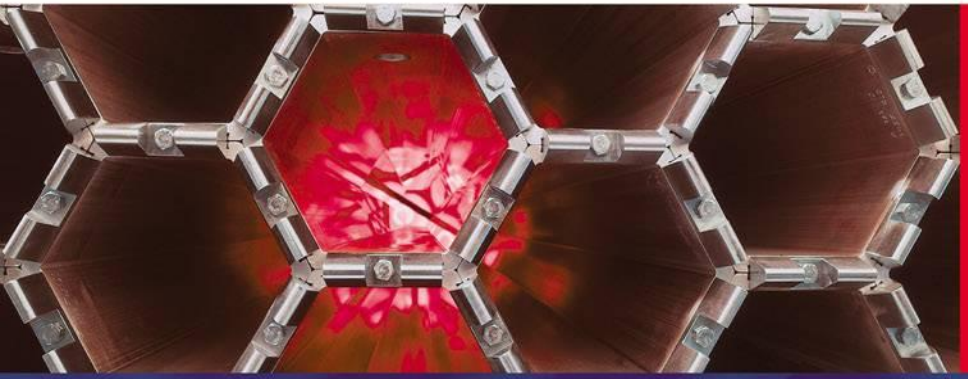
ŠKODA JS a.s.



Equipment for disposal of neutron flux sensors and thermocouples

Ing.Antonín Rudolf

ŠKODA JS a.s.

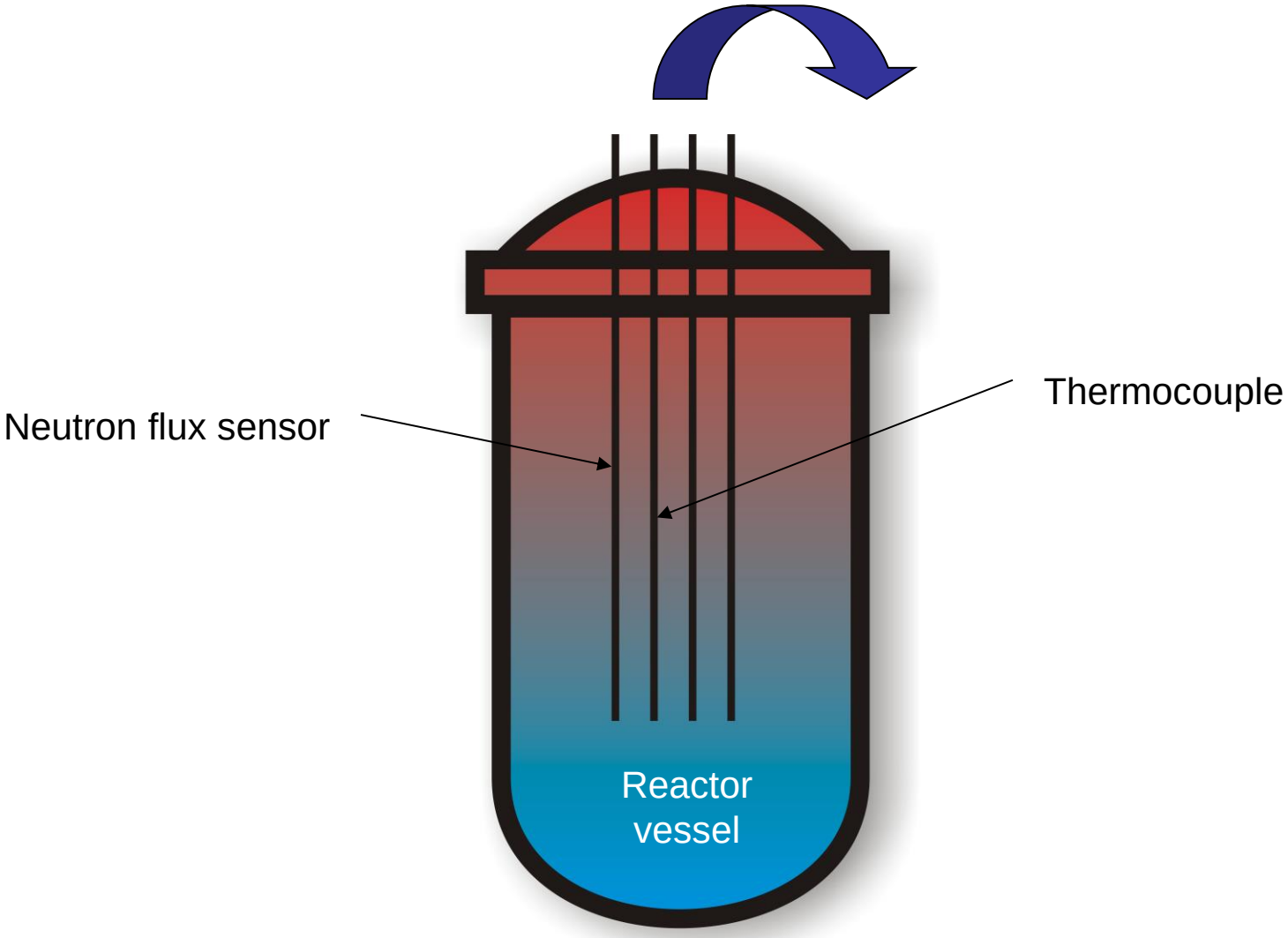
Disposed material (non-functioning sensors)

Equipment for VVER 440

Equipment for VVER 1000

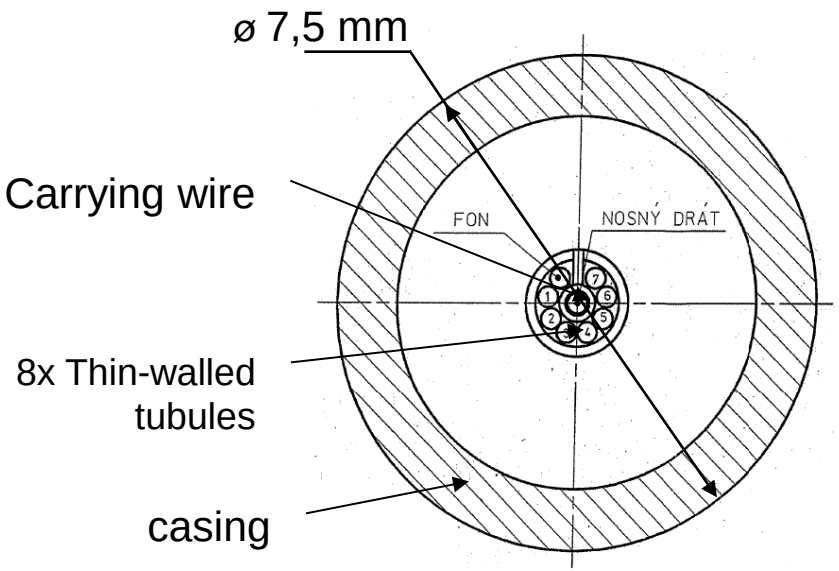
Disposal sensors

ŠKODA JS a.s.

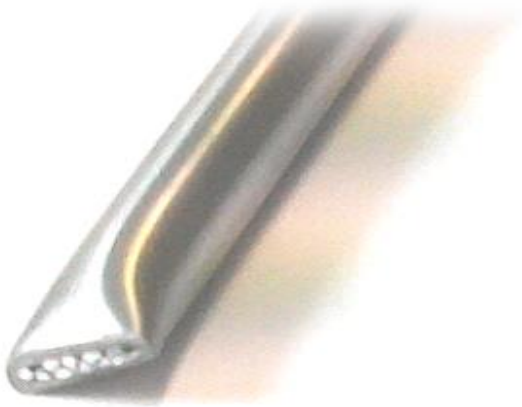


Neutron flux sensor

ŠKODA JS a.s.



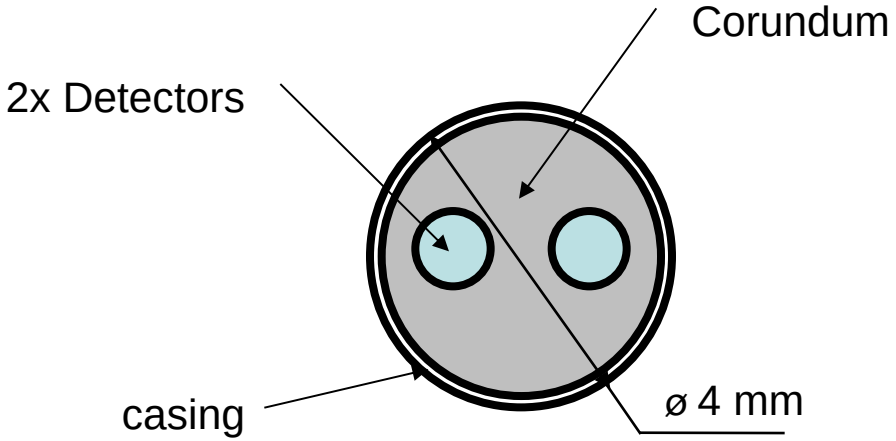
Sensor design



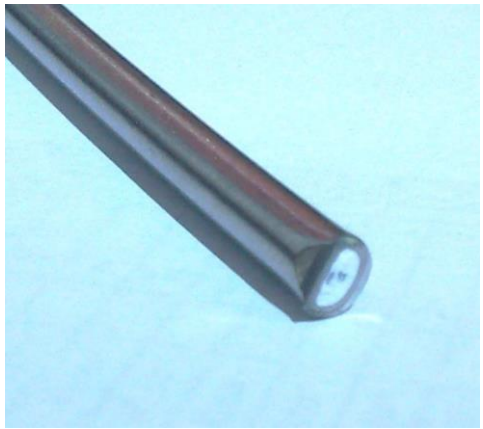
Detail of cut-off neutron flux sensor

Thermocouple sensor

ŠKODA JS a.s.



Sensor design

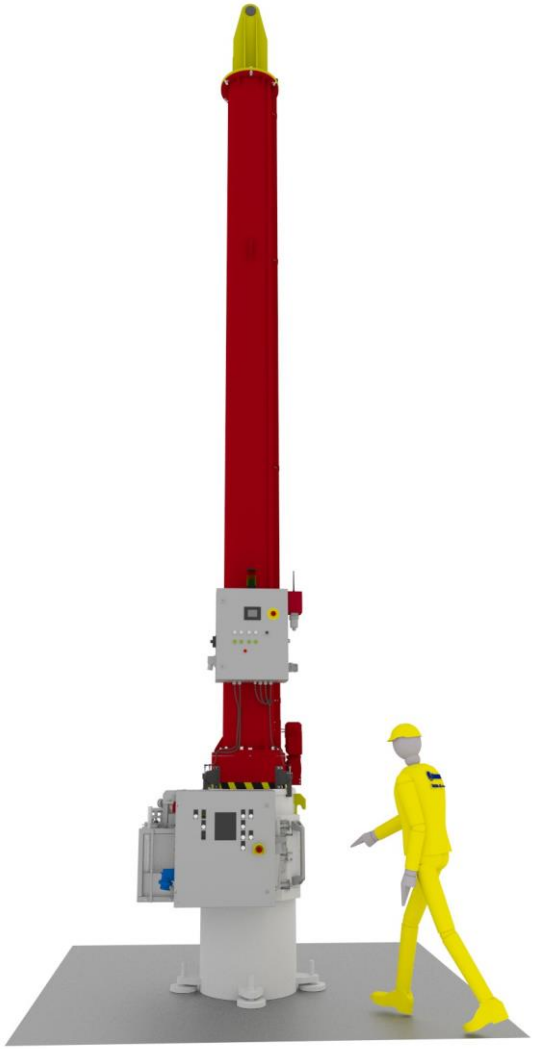


Detail of cut-off thermocouple sensor

Equipment for VVER 440

Equipment for Disposal of radioactive a sensors for VVER 440

ŠKODA JS a.s.



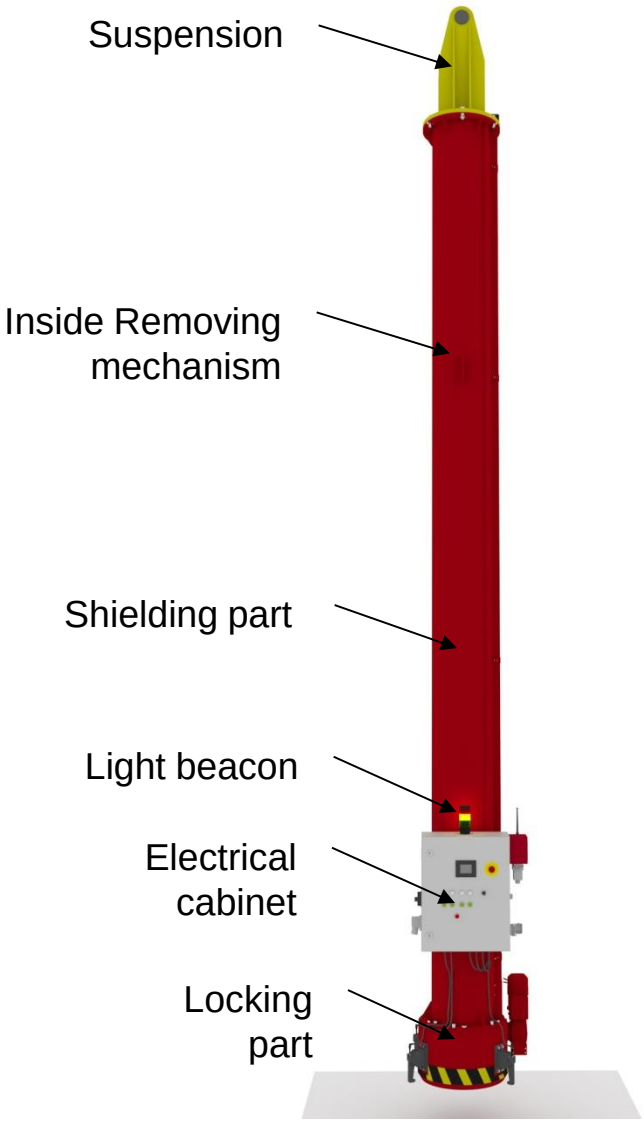
Modular system

Max. length of disposed sensor is 5 m.

Optimal utilization of the storage space

Transport module

ŠKODA JS a.s.



Machine weight	**6.2 t**
Transport module height	**7262 mm**
Max. length of disposal sensor is	**5 m.**
Removing force	**1500 N**

Transport module signal

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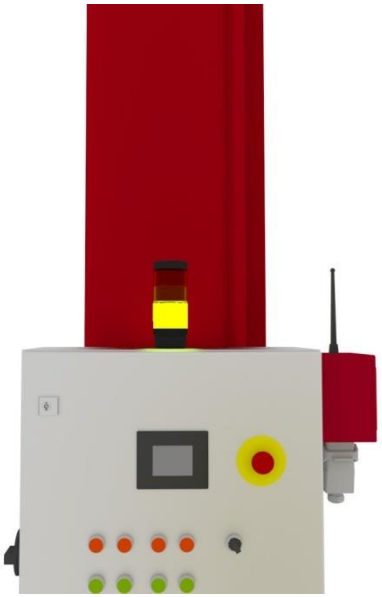
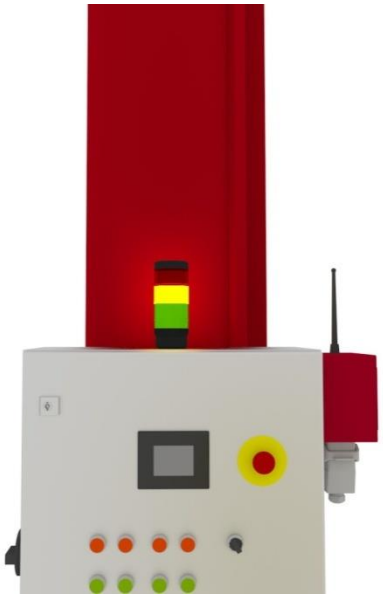
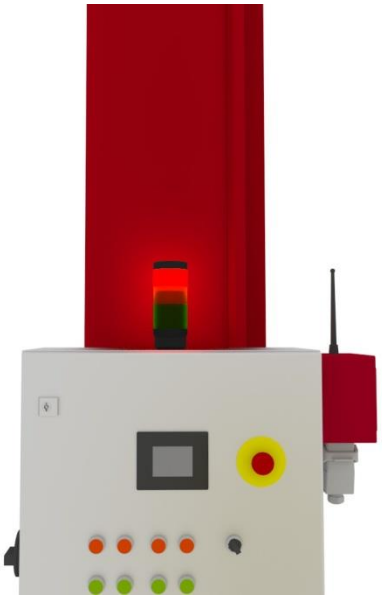


Under power



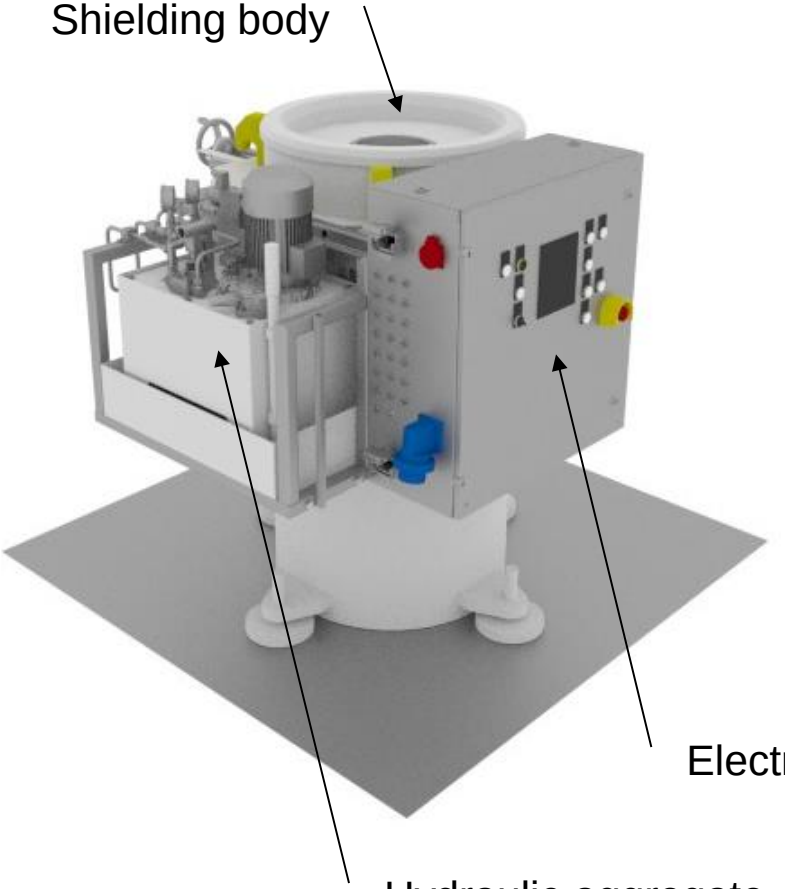
Radioactive material



Non standard situation

Cutting module

ŠKODA JS a.s.



Machine weight	**3.2 t**
Cutting module height	**852 mm**
Transport module ground plan	**1494x1162 mm**
Hydraulic aggregate	

Sensor removing – BOT position

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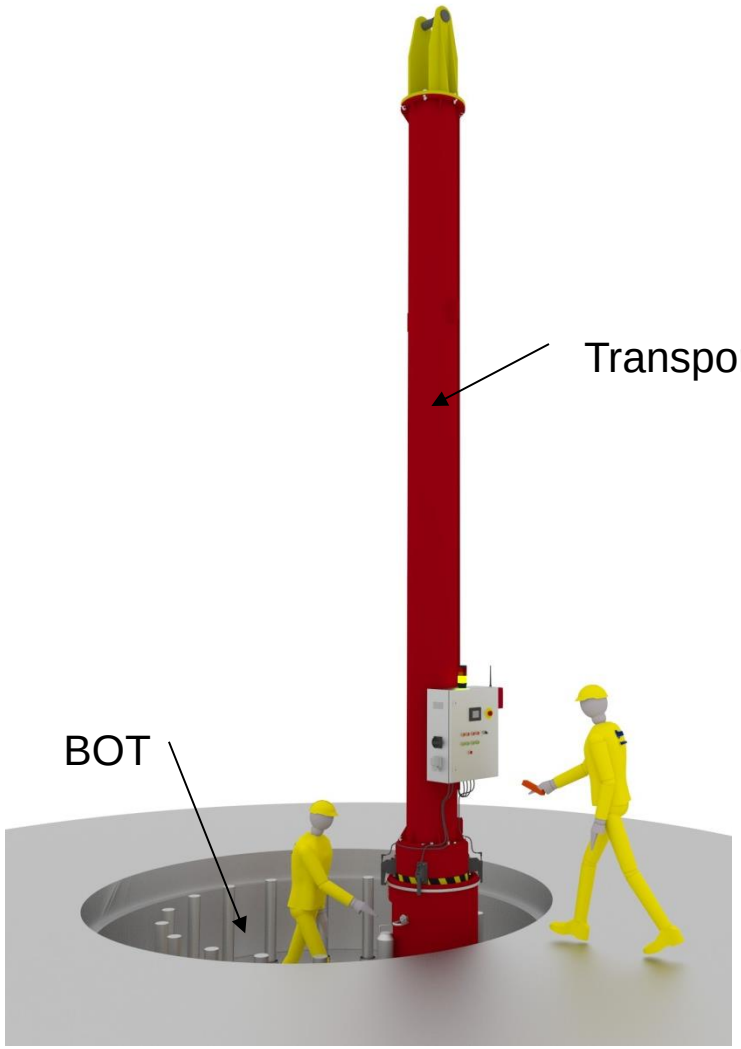
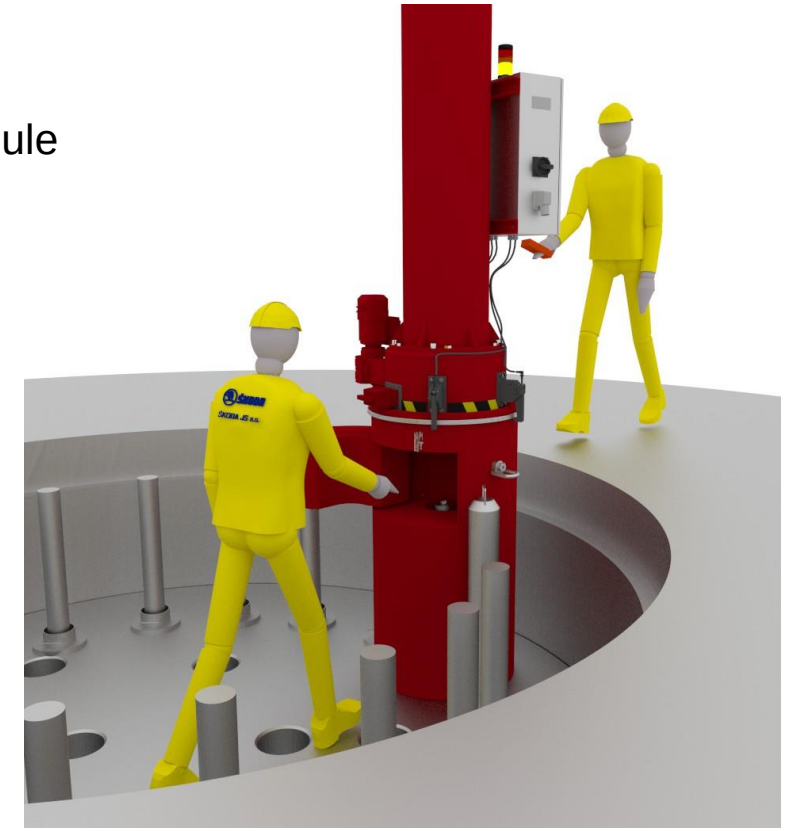
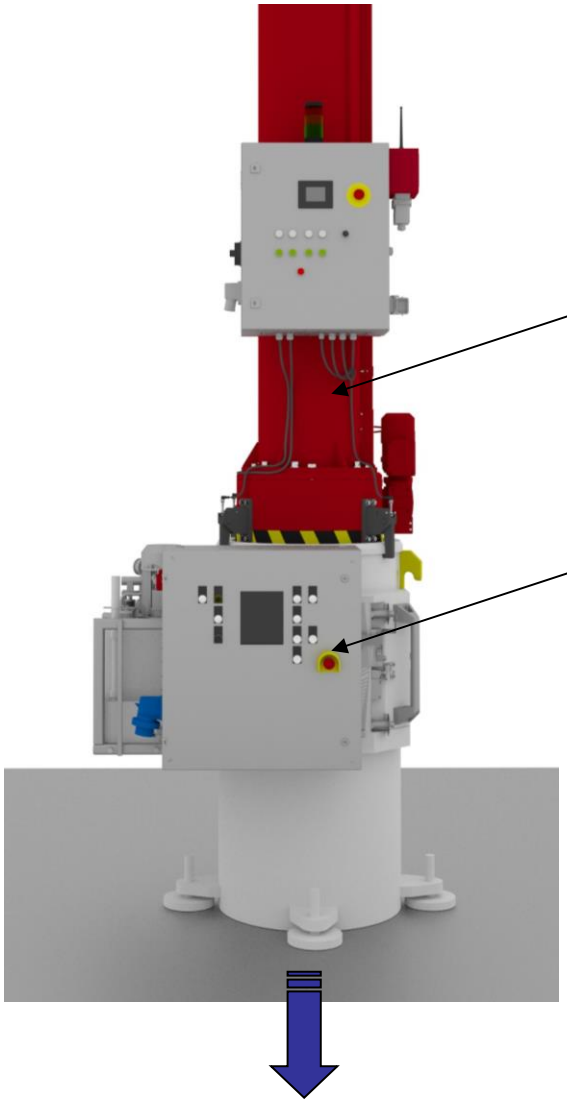




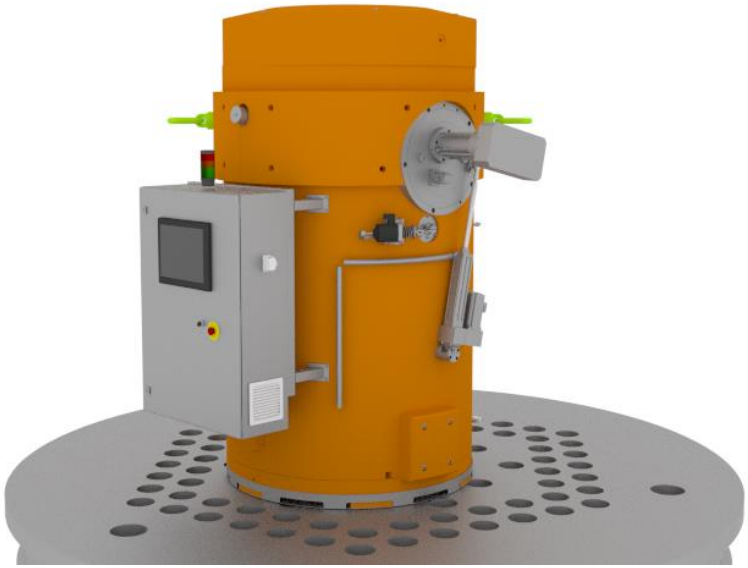
ŠKODA JS a.s.



Equipment for VVER 1000

Equipment for Disposal of radioactive a sensors for VVER 1000

ŠKODA JS a.s.



Compact design

Machine weight 27 t

Equipment height 2100 mm

Max. capacity - 12 disposed sensors

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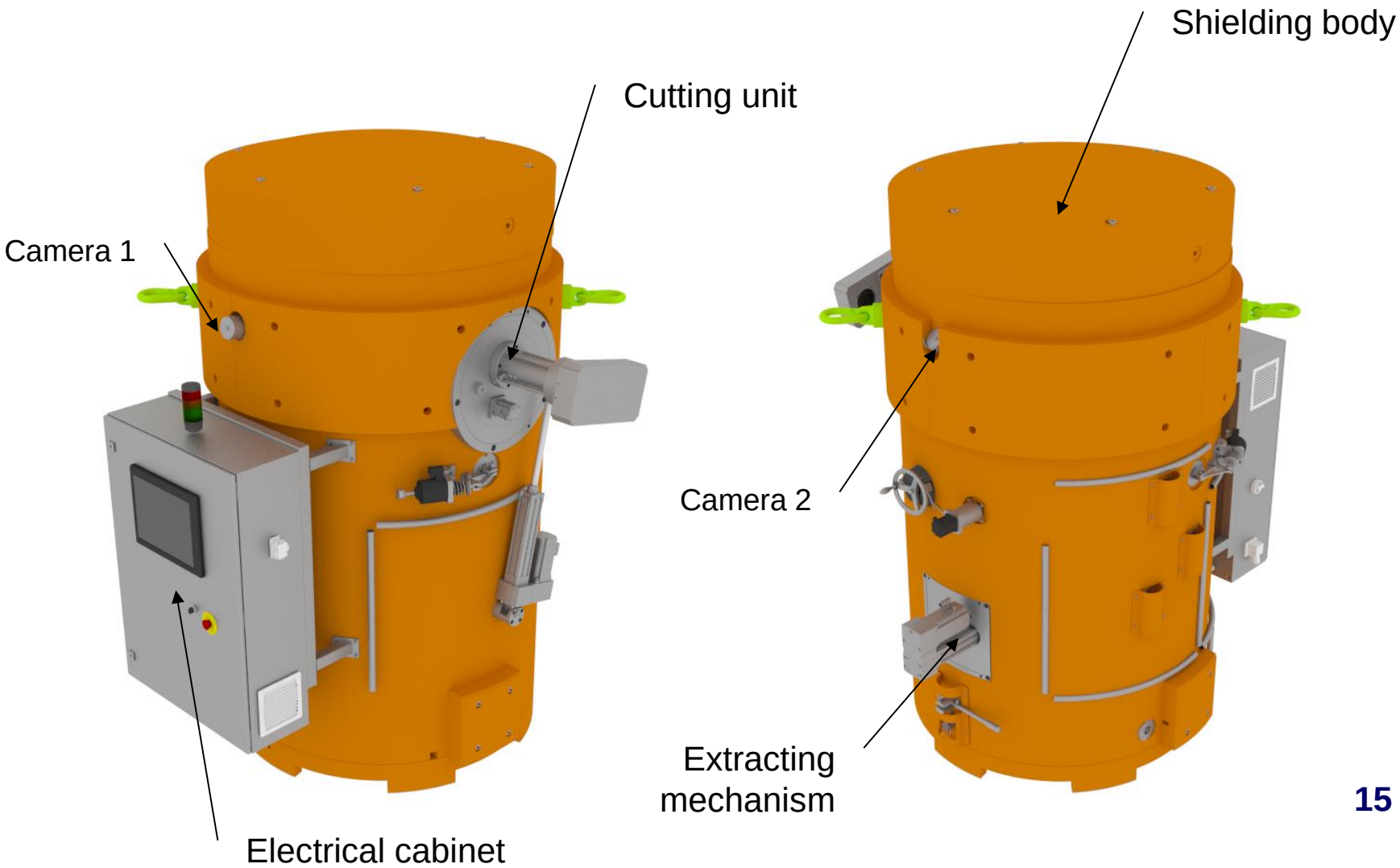
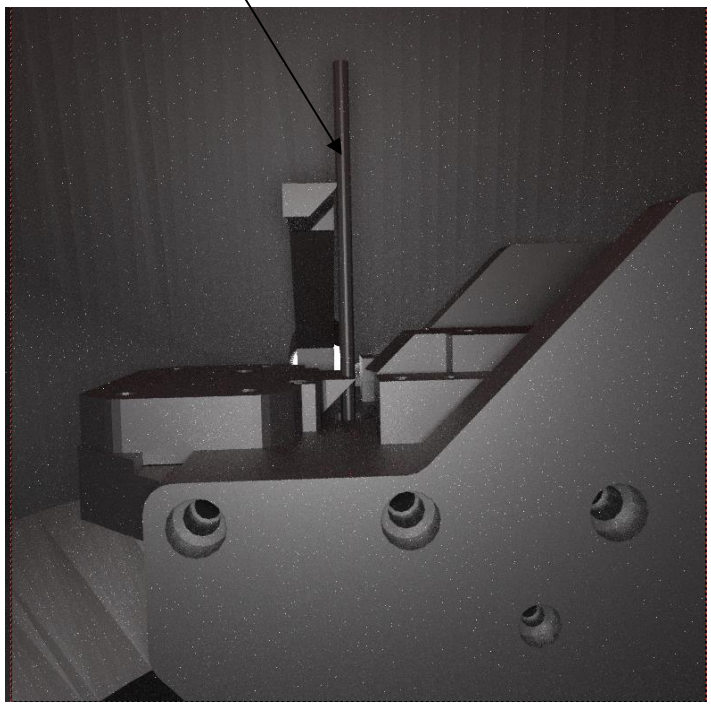

Shielding body
Cutting unit
Camera 1
Camera 2
Extracting mechanism
Electrical cabinet

ŠKODA JS a.s.

Cut-off sensor

Camera 2

Cut-off sensor



Camera 1

Principle of disposal

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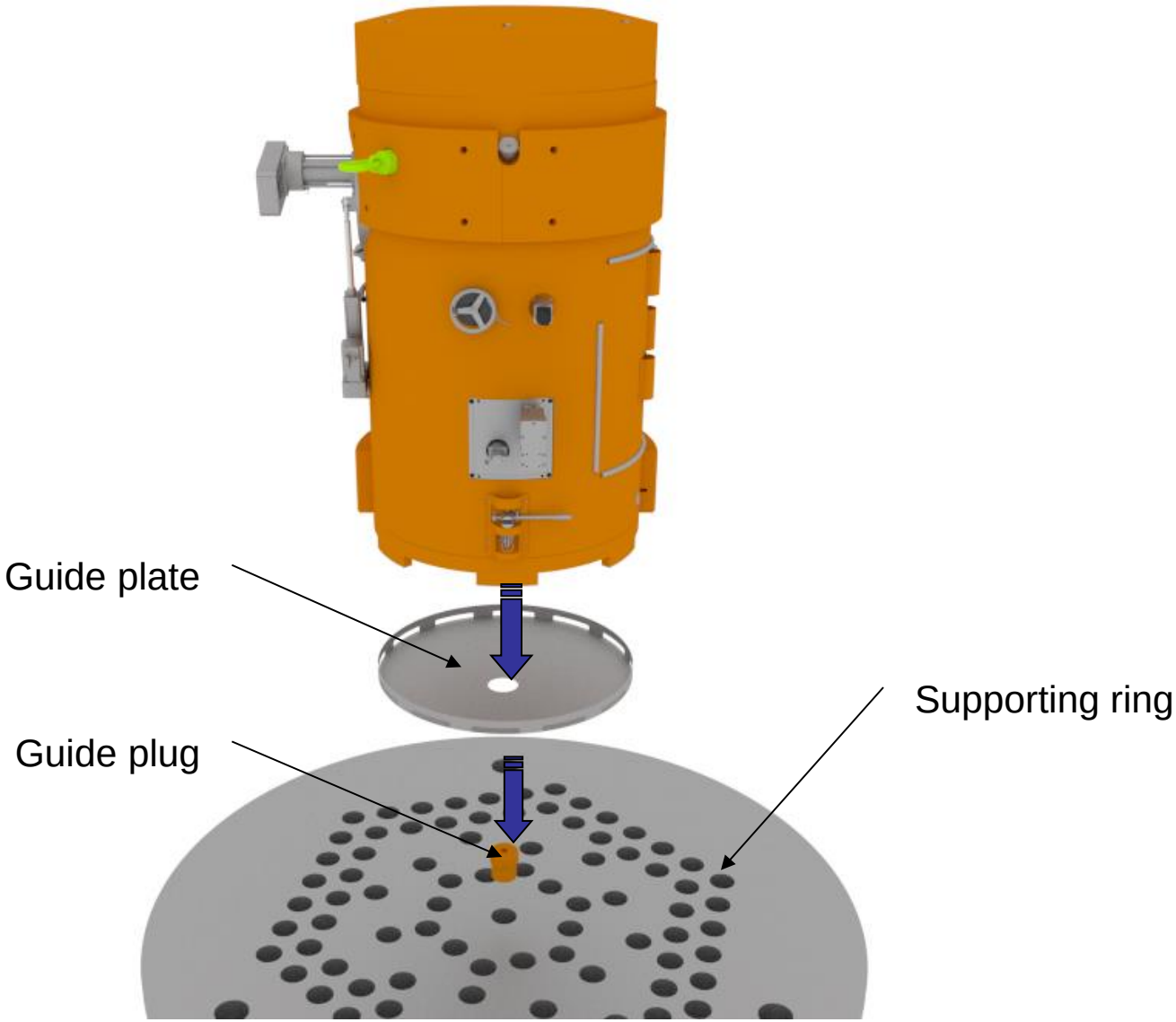

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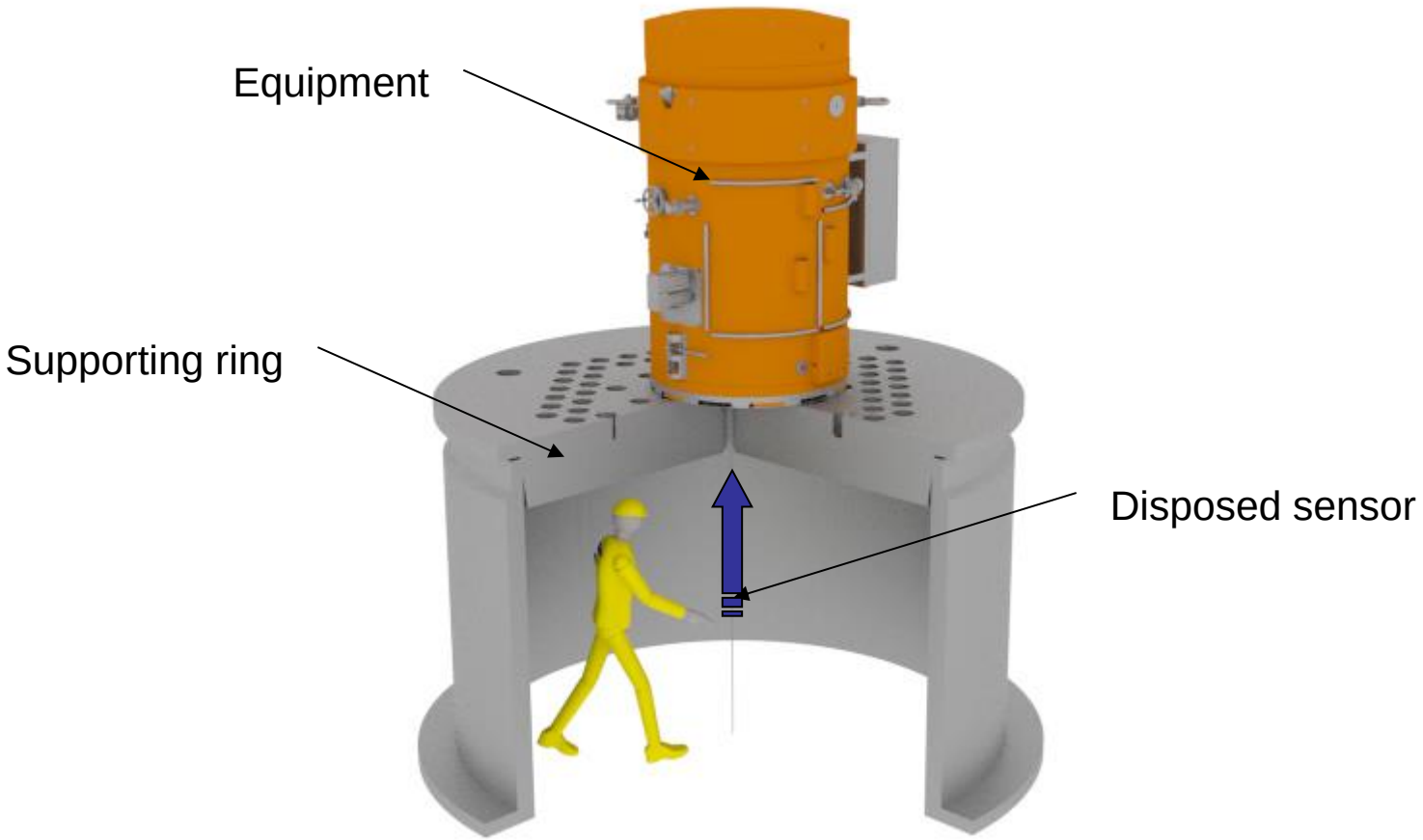

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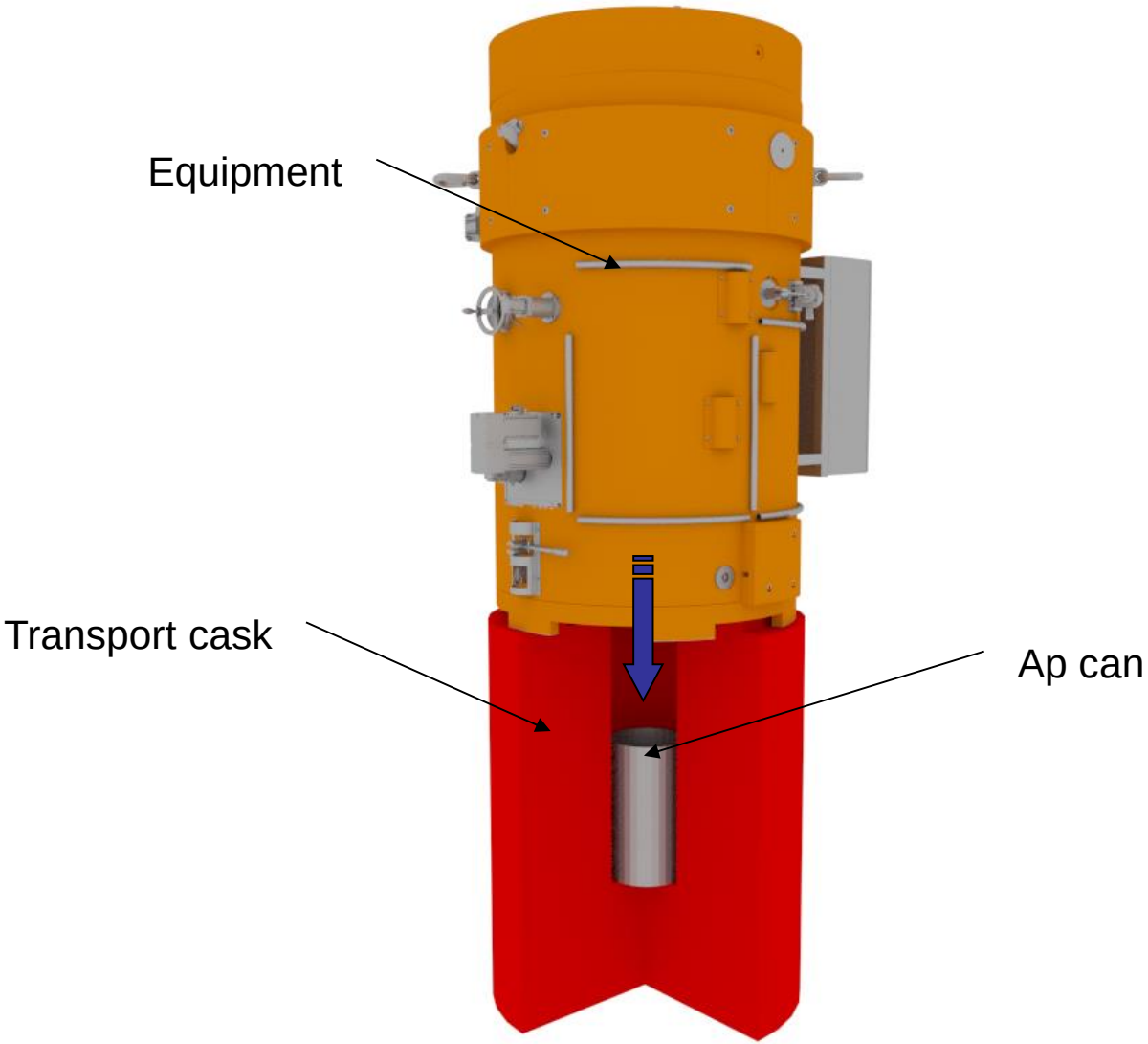

ŠKODA JS a.s.

Thank you for your attention

ŠKODA JS a.s.

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