

List of Dangerous Substances with Regard to Groundwater

| Pos. | Installation of der VAWS-Anlagen | ant ty | Component | Medium | Volume contained | Water Hazard | Building | primary barrier | | | secondary barrier | | | | subject to inspection acc. §12 VAWS | Remark | Rev. |
|------|----------------------------------|--------|--------------------------------|--------------------------------|------------------------|--------------|------------------------|----------------------------|---------------------------|--|----------------------------|--------------------|--|----------------------------|-------------------------------------|---|------------|
| | | | | | | | | subsurface / above surface | single wall / double wall | Leak detection | subsurface / above surface | retention volume | Material | Leak detection | | | |
| 1 | gas turbine | HBV | gas turbine | bearing oil GST EP 46 | 12 m³ | 1 | K4UMB | above surface | single wall | visually during walk-about, level control oil tank | above surface | 16,6 m³ | concrete Epoxidharz | visually during walk-about | ja | see MoM022 | |
| 2 | steam turbine | HBV | steam turbine | bearing oil Perfecto XEP 46 | -7 m³ | 1 | K4UMA | above surface | single wall | visually during walk-about, level control oil tank | above surface | 13 m³ | concrete with Disboxid 462 EP Siegel neu anstrich | visually during walk-about | ja | Telco with TGM dt. 28.02.2019 | 28/02/2019 |
| 3 | dosing feed water | HBV | dosing station | STEAMMATE NA0880 | 0,5 m³ | 1 | K4UHA | above surface | single wall | visually during walk-about, level control oil tank | above surface | 1,0 m³ | not defined yet | visually during walk-about | nein | see MoM K4-CHP Options: Chemical Dosing | 28/02/2019 |
| 4 | dosing economiser | HBV | dosing station | OPTISPERSE HP3100 | 0,5 m³ | 1 | K4UHA | above surface | single wall | visually during walk-about, level control oil tank | above surface | 1,0 m³ | not defined yet | visually during walk-about | nein | see MoM K4-CHP Options: Chemical Dosing | 28/02/2019 |
| 5 | battery room main LER | HBV | battery | H2SO4 sulphur acid | 6 m³ | 1 | K4UBA10R005/006 | above surface | single wall | visually during walk-about | above surface | 0,6 m³ | Polyethylen | visually during walk-about | ja | | |
| 6 | battery room GT | HBV | battery | H2SO4 sulphur acid | 1.3 | 1 | K4UBG? | above surface | single wall | visually during walk-about | above surface | 1,4 m³ | Vinyl-floor | visually during walk-about | ja | | |
| 7 | block transformer GT | HBV | transformer | Diala S4 isolation oil | ca. 22 m³ | 1 | K4UBF10R001 | above surface | single wall | oil level indication, Buchholzrelais | sub-surface | 150 m³ | concrete with Bodensiegel TC- 300 anstrich | visually during walk-about | ja | | |
| 8 | block transformer ST | | transformer | Diala S4 isolation oil | ca. 12 m³ | 1 | K4UBF10R002 | above surface | single wall | oil level indication, Buchholzrelais | | | | | | | |
| 9 | auxiliary transformer 1 | HBV | transformer | Diala S4 isolation oil | ca. 5 m³ | 1 | K4UBE10R001 | above surface | single wall | oil level indication | | | | | ja | | |
| 10 | auxiliary transformer 2 | HBV | transformer | Diala S4 isolation oil | ca. 5 m³ | 1 | K4UBE10R002 | above surface | single wall | oil level indication | | | | | ja | | |
| 11 | closed cooling water circuit | HBV | Closed cooling water system | ANTIFROGEN N | not defined yet | 1 | K4URB | above surface | single wall | visually during walk-about | above surface | not defined yet | not defined yet | visually during walk-about | not defined yet | Retention volume beneath closed cooling water cooler planned. | 28/02/2019 |
| 12 | fire fighting | | ring main | water/foam? | water retention pit | | roofs and sealed areas | above surface | | | | | | | | | |
| 13 | unloading Chemicals for WTP | | | acid | | | on hold | | | | | | | | | | |
| 14 | emergency diesel generator | | emergency diesel | diesel | 1,500 m³ | | on hold | | | | | | | visually during walk-about | | | |
| 15 | dosing HRSG/MP Packagboiler | HBV | dosing station | OPTISPERSE HP5465 | 0,5 m³ | ? | K4UHA | above surface | single wall | visually during walk-about, level control oil tank | above surface | 1,0 m³ | not defined yet | visually during walk-about | ? | see MoM K4-CHP Options: Chemical Dosing Final decision if used open | 28/02/2019 |