

Start-up and Intermediate Range Monitoring System (SIRM)



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INSTRUMENTS

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The Wedholm Medical SIRM system has a unique mechanical design, saving precious space under the reactor pressure vessel, without exposing the fission chamber detector unnecessarily to full reactor power. After the reactor has started up the detectors can be withdrawn from the reactor core.

The SIRM system is tested and licensed for LOCA, Post-LOCA and seismic conditions. Systems are mounted in seven out of nine Swedish BWR reactors and in two reactors in Finland. Experience has been excellent.

The SIRM system also serves as back-up for the Power Range Monitoring, PRM-system.

SIRM assemblies can be supplied with fission chamber detectors or self-powered neutron detectors (SPND).



The installation of SIRM

