

Maintenance visit to radionuclide station FJP26 and auxiliary seismic station AS031/MSVF

The HPGe detector at FJP26 had vacuum and noise problems with lead to performance below operational requirements and unsustainable operation. An urgent trip to the station was conducted by PTS staff to restore detector vacuum and performance was restored. Other issues at the station were also solved, authentication was enabled and the station operator was trained on equipment and configuration issues. The AS031/MSVF station is an IRIS/IDA configured seismic station. The SSI computer was down for a long period of time for an unknown reason and could not be restored remotely or by the station operator. The IRIS/IDA network was receiving data. A visit to the station was planned to troubleshoot this problem and replace the SSI computer. Troubleshooting showed problems with the power configuration after a battery change. Due to sufficient supply of on-site spares, correct availability of tools, cables, etc., the power system could be repaired and reconfigured on-site during a one-day visit to this station. The station was restored. The station operator was involved during the on-site visit and helped fixing the power problem.

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