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Term Analysis of Xenon (STAX): 7 Years of Hardware and Software Lessons-Learned

The Source Term Analysis of Xenon (STAX) project is an international technical collaboration that has been installing stack monitors in partnering nuclear facilities and sharing stack effluent data with National Data Centers for use in better understanding Xe background sources detected by the International Monitoring System (IMS). The STAX project is now in its 7th year and during the course of the project has had many lessons learned about the setup and maintenance of the equipment, data acquisition, data transfer, and data analysis. The current project status will be presented along with the hardware and software lessons learned from over the last 7 years.

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