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Status of the stack monitor for the STAX project

We present the manufacturing status of INVAP's stack monitor for the STAX (Source Term Analysis of Xenon) project. INVAP has designed a stack monitor based on a HPGe detector that meets the Hardware and Software requirements defined by STAX project. Emphasis is put in the fact that it can be adapted to broad emissions regimes of the different MIPFs. The monitor has a modular design which allows for an easy installation, fulfilling the different requirements that facilities that already have a system for the monitoring of the stack may have. In the framework of a contract with PNNL, INVAP is manufacturing the stack monitor. The hardware is described, and the status of the manufacturing of the measuring chamber, shielding and sampling system is shown.

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