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Status of the 3rd axis flash X-rays LIA of the EPURE facility

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Under the UK and France Treaties related to “Defence and Security Co-operation” and to “joint radiographic / hydrodynamics facilities”, the joint Hydrodynamics Research Facility known as EPURE is under construction at CEA VALDUC in France. At present, this facility is fully operational using a single radiographic axis configuration. By 2022, two other high performance X-ray machines will be added and jointly operated between France and UK. One of those two additional sources will be an LIA similar to the existing 1st axis accelerator. This presentation will propose an overview of the procurement of this LIA including the several validation phases planned. A focus on required design updates will be also detailed.

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