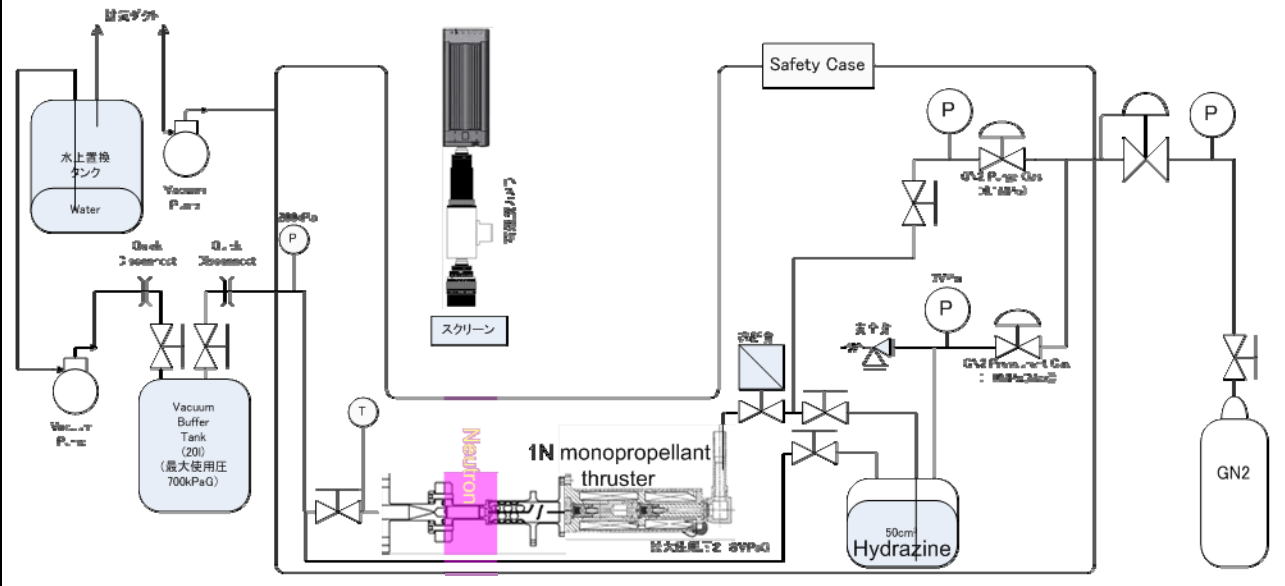
 <b>MLF Experimental Report</b>	提出日 Date of Report
課題番号 Project No. 2014B0326 実験課題名 Title of experiment Stroboscopic neutron radiography using pulsed neutrons to visualize propellant behavior for satellite thruster development 実験責任者名 Name of principal investigator Hideshi KAGAWA 所属 Affiliation Japan Aerospace Exploration Agency	装置責任者 Name of responsible person Kenichi OIKAWA 装置名 Name of Instrument/(BL No.) BL-10 実施日 Date of Experiment March/13/2015-March/15/2015

試料、実験方法、利用の結果得られた主なデータ、考察、結論等を、記述して下さい。(適宜、図表添付のこと)  
 Please report your samples, experimental method and results, discussion and conclusions. Please add figures and tables for better explanation.

1. 試料 Name of sample(s) and chemical formula, or compositions including physical form.

Hydrazine Thickness Simulator  
 Portable hydrazine decomposition thruster test unit



2. 実験方法及び結果 (実験がうまくいかなかった場合、その理由を記述してください。)  
 Experimental method and results. If you failed to conduct experiment as planned, please describe reasons.

We prepared the test equipment on our test facility and checked the work of it as well as the leakage due to the hydrazine is toxic liquid. We confirmed the test equipment is ready to operate at J-PARC and shipped to J-PARC. We set up the equipment at the BL-10 measurement table and checked the hydrazine leakage before apply of the neutron beam. But we detected small hydrazine leakage at the connector area of a valve. Therefore, we canceled the test.

The leakage was caused by the re-use of the Swagelok connector of the valve by vibration during transportation.

2. 実験方法及び結果(つづき) Experimental method and results (continued)

Our test is cancelled.