

Abstract Submitted
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NSTX conditioning experiment using injected lithium powder

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An attempt was made to condition the plasma facing components of NSTX by injecting Li powder. The injection was carried out using the existing lithium pellet injector with a modified sabot design. The 50 micron diameter powder was injected into several discharges while its effects were evaluated on each subsequent discharge. A discussion of the effects of this experiment will be presented. This work was supported by U.S. DOE Contract # DE-AC02-76CH03073.

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