

## NCSX Work Approval Form (WAF)

**WBS Number: 21**

**WBS Title: Gas Fueling System**

**Job Number: 2101**

**Job Title: Fueling System**

**Job Manager: Bill Blanchard**

**Description:**

NCSX will re-use the existing Gas Fueling System from PBX-M. In its initial configuration, the Gas Fueling System will have 2 to 4 injectors capable of providing a modest level of torr-liter/s of H<sub>2</sub>, D<sub>2</sub>, or He fueling. This initial configuration will have the flexibility to allow the easy changing of gas plenum volumes, or the adding of additional injectors, at selected vessel locations, as required by the experimental program. This WBS element consists of the effort to provide a gas fueling injectors, the gas delivery line, and associated vacuum system. System control will be partially manual and partially PLC control.

**Schedule:**

See Attached

**Approvals:**

_____	_____
Job Manager	Date
_____	_____
Responsible Line Manager	Date
_____	_____
Project Manager	Date
_____	_____
Engineering Department Head	Date