

NCSX Work Approval Form (WAF)

WBS Number: 55

WBS Title: Real Time Plasma and Power Supply Control Systems

Job Number: 5501

Job Title: Real Time Plasma and Power Supply Control Systems

Job Manager: Paul Sichta

Description:

The real time software is divided into two functions, the power supply real time control system (PSRTC) and the plasma control system (PCS). The PSRTC will calculate the alpha control signal required by the power conversion firing generators. The basic code of the NSTX PSRTC will be modified for use on NCSX. The NCSX PCS will share that developed for NSTX with a new real time data acquisition system in the NCSX test cell.

Schedule:

See Attached

Approvals:

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