

**National Compact Stellarator Experiment (NCSX) SubC# S005243-F
Vacuum Vessel Sub Assembly Production**

Weekly Status Report 04/29/05 thru 05/4/05

Project Management

- Held meetings to review status and manufacturing plans.

Process Engineering

- Working on 120 deg fixtures (lot 12) and Port Ext Fixtures (lot 13).
- Final recommendations were incorporated into PS486 (Rev E) and PS493 (Rev B). The documents were submitted on April 29th.
- The Process Outline and VM Layout for Lots 1,2 & 3 will be submitted for Approval tomorrow (May 6th).

VVSA Fabrication

- Continuing with 60 deg fixture fabrication.
- Development panel #5 pressed then annealed, pressed again, now out for a second anneal (up to this point this is the only panel to go to a second anneal).
- The production panel material arrived without the "skin" removed; the resolution for this has required some testing of samples. This process should conclude today. The results will be included in next week's status.

DCMA

- Will be in today.

Quality Control, Drawings & Pictures

- Panel #5 after first press
- Panel #5 after second press



First

Second