Plasma Modeling Results, Control Improvement for NSTX*

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. Timo [r]

The effect of simultaneous operation of PF4 and PF5. PF5 only shot 139482 compared to PF4/PF5 shot 139484

In order to control squareness, control of the plasma boundary via PF4 employed.

· Achieved stable tracking of ζ request with minimal error using PF4 control

The error along this segment was fed to the PF4 voltage request with a PID control