FEEDBACK CONTROL OF THE DIII-D ECH SYSTEM*

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The output power of the DIII–D gyrotron complex has been modulated by the plasma control system using feedback on the difference between a desired electron temperature and a value measured by the ECE system. Operation was stable and permitted control of the flux penetration during initiation of the discharge.

*Work supported by U.S. Department of Energy under Contracts DE-AC03-99-ER54463 and DE-AC05-00OR22725.