

FOREWORD

This document presents the planned experimental activities for the DIII-D National Tokamak Facility for the fiscal year 2004. This plan is part of a five-year cooperative agreement between General Atomics and the Department of Energy. The Experiment Plan advances on the objectives described in the DIII-D Tokamak Long Range Plan (GA-A23927). The Experiment Plan is developed yearly by the DIII-D Research Council and approved by DOE. DIII-D research progress is reviewed quarterly against this plan. The original 2004 plan, using the presidential budget, called for 21 weeks of tokamak operations. The present 2004 plan is based on a \$56.0M DIII-D program funding for FY04, with \$44.1M to GA, which allows for 18 weeks of tokamak operations. Other major collaborators include PPPL (\$4.4M) LLNL (\$3.1M), and ORNL (\$2.6M). Funding of university collaborators are provided by DOE grants and GA subcontracts. In the event of other significant budgetary, technical, or programmatic changes this plan will be revised as necessary.