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.