Princeton Plasma Physics Laboratory

PPPL-4015 PPPL-4015

Observation of Energetic Particle Driven Modes Relevant to Advanced Tokamak Regimes

R. Nazikian, B. Alper, H.L. Berk, D. Borba, C. Boswell, R.V. Budny, K.H. Burrell, C.Z. Cheng, E.J. Doyle, E. Edlund, R.J. Fonck, A. Fukuyama, N.N. Gorelenkov, C.M. Greenfield, D.J. Gupta, M. Ishikawa, R.J. Jayakumar, G.J. Kramer, Y. Kusama, R.J. La Haye, G.R. McKee, W.A. Peebles, S.D. Pinches, M. Porkolab, J. Rapp, T.L. Rhodes, S.E. Sharapov, K. Shinohara, J.A. Snipes, W.M. Solomon, E.J. Strait, M. Takechi, M.A. Van Zeeland, W.P. West, K.L. Wong, S. Wukitch, and L. Zeng

October 2004

Prepared for the U.S. Department of Energy under Contract DE-AC02-76CH03073.