

SEISMIC HAZARD ASSESSMENT OF THE MAIN PIPELINES

R.E. Tatevossian, S.M. Ammosov, J.J. Aptekman, V.V. Bykova, R.N. Vakarchuk,
N.V. Volkov, A.V. Kalinina, Yu.O. Kuzmin, L.D. Nikolaev, I.V. Matveev,
N.V. Matveeva, A.G. Mikhin, S.A. Moiseenko, N.G. Mokrushina, S.G. Molotkov,
I.E. Parini, E.A. Rogozhin, P.A. Savvichev, T.N. Tatevossian

Institute of Physics of the Earth, Russian Academy of Sciences, Moscow, Russia

Abstract. Basic stages of seismic hazard assessment for the main pipeline in Eastern Siberia are presented. As a result one of the variants of pipeline traces had been approved at the Lensk – Skovorodino segment. Importance of local seismic network installation for hazard assessment is highlighted.

Keywords: seismic hazard assessment, soil conditions, local seismic network.