

THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION (NECSA)

MEDIA STATEMENT

The South African Nuclear Energy Corporation (Necsa) and experts from the Russian Joint Institute for Nuclear Research (JINR) met this week on 11 to 15 December 2006 to synergise plans to collaborate in 2007 over Neutron Applications.

The event was fruitful and both parties agreed on the research project 'Neutron Scattering', and 'Activation analysis' in 2007. The Neutron Scattering project will, with the participation of the University of Johannesburg, focus on the Reflectometry study of epitaxial thin film superlattice systems and the Neutron powder diffraction research of heavy fermion systems. In addition, the University of Cape Town will participate in Residual stresses and vibration stress relieve(VSR)process in steel plates.

The Activation analysis research will focus on chemical speciation of toxic elements of interest in foodstuffs analysis, investigation of the radiological toxicity of naturally occurring radioactive materials in mining and mineral processing and include the comparative evaluation of the nutritive values of mixed diets in Russia and South Africa from single foodstuff element analysis.

These processes will include special training and research and both parties have agreed to exchange human resources and expertise to succeed in their objectives. Among the delegates from Russia was Dr AM Balagurov, Dr MV Frontasyeva, Senior Engineer SS Pavlov and DR VN Shvetsov. Dr A Faanhof, Dr AM Venter and Dr JR Zeevaart represented Necsa.

END

CONTACT:

Chantal Janneker
Senior Manager : Corporate Communication
South African Nuclear Energy Corporation (Necsa)
Tel: +27 21 305 5750
Fax: +27 21 305 5751
Cell: +27 083 488 3850
E-mail: [chantal @necsa.co.za](mailto:chantal@necsa.co.za)

Or

Shaun Chetty

Chief Media and Publications Officer

Tel: +2712 305 5713

Fax: +2712 305 5751

Cell: 083 628 0875

E-mail: shaun@necsa.co.za

Website: www.necsa.co.za

