Expert Meeting on Management of Delayed Nuclear Projects

A part of IAEA Project RER/4/025 "Optimising NPP Performance and Service Life"

October 6-8th, 2003. Sofia, Bulgaria

Presentation by

Oleg Korikov

Investment project division head, National Nuclear Energy Generating Company (NNEGC) "ENERGOATOM" Ukraine

korikov@atom.gov.ua

Capital formation for Khmelnitskiy2/Rovno4 (K2/R4) completion project financing. Stage 1.

Need for Capital formation

Since Shernobyl NPP shut down National Energy System is exposed to shortage of power production

Most effective way for new power production become available is K2/R4 completion project

NPP construction needs considerable investments

Terms and conditions

Issuer Energoatom

Issue Volume 300 millions UAH (56,6 million USD)

Coupon 12% annual

Date of issue Nov 2003

Paying off Nov 2006

Paying off procedure 12 progressive payments (one per

Quarter, interest + principal) during 3

year time period

Paying off time period 21 months

average

Additional terms ant conditions

Corporate bonds are guaranteed by continual positive cash flow on bank cash accounts of bonds holders

Positive cash flow is guaranteed by task component of electricity price generated by Energoatom. Task component forwarding to bank cash accounts of bonds holders from authorized dealer of Ukraine Energy market, not from Energoatom bank account.

Abovementioned paying off procedure provide by according Governmental Decisions, Authorities of Ukraine

National Bank of Ukraine (NBU) refinancing

Bank of bonds holders NBU refinancing anticipated. So bonds holders are protected from interest rates fluctuations

NBU take in pledge bonds guaranteed on refinancing of banks. However, a real bond owner remains banks.

Volume of issue grounds

Contrary to guarantee of bonds, Energoatom can not find financing more then 300 million UAH from Ukrainian capital market during year 2003

Potential banks - bonds holders are limited in energy sector financing. In addition there are fixed risks regarding banks, related to purchasing of Energoatom corporate bonds.

NNEGC "ENERGOATOM" is State owned company so majority of Ukrainian capital market players are not extremely interested in financing of State owned companies.